

2017

FLOWMASTER^{INC.}

THE EXHAUST TECHNOLOGY COMPANY[®]



HEADERS // CATALYTIC CONVERTERS // SYSTEMS // MUFFLERS // TIPS & ACCESSORIES



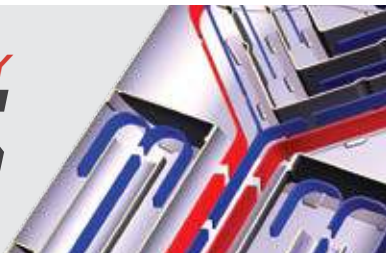
FLOWMASTER MANUFACTURING

Flowmaster's state-of-the-art manufacturing plant in Northern California features many self-designed tools and high-tech robotics to build the world's most advanced mufflers.

For over three decades, Flowmaster has led the way in automotive performance exhaust technology with some of the earliest product patents held by an exhaust manufacturer. As the world's first fully welded muffler in 1983, Flowmaster raised the bar for durability and strength, while singlehandedly reinventing the performance exhaust industry. Today, we maintain that edge with constant innovation in exhaust solutions for street, race, and off-road applications.

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**The Exclusive Performance
Exhaust Of NASCAR**

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LAMINAR FLOW
MUFFLERS

1 2 0 1 8 4 0

Laminar Flow
Pipe Diameter

Series D
300 = HP2
400 = HP3

NOTE: Flowmaster's muffler recommendations are based on OEM configurations, but are not considered direct-fit replacements. Our universal mufflers may require modification during installation. Additional muffler options may apply outside of these recommendations. Should you have any questions, call our tech line for further assistance in selecting a system or muffler.

ABOUT THE COMPANY

For over 30 years, Flowmaster has been the leader in advanced exhaust technology through our extensive commitment to research and development. Early on we learned that by understanding an engine's total operation, we could not only generate a terrific performance exhaust sound, but more importantly increase combustion efficiency and improve both performance and fuel mileage. These elements are at the core of our success and how we began the process of creating our innovative muffler and exhaust system designs.



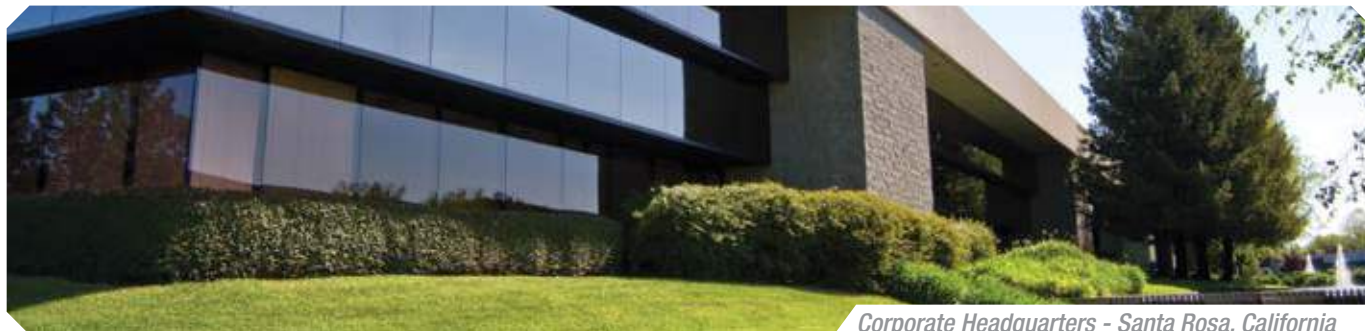
Manufacturing Facility - Sacramento, California

We're proud to say that all Flowmaster and Hurst exhaust products are manufactured entirely in our State of the Art production facility located in West Sacramento, California.



Research & Development Facility - Hayden, Idaho

Our Research & Development facility is constantly striving to improve existing technologies, create new technologies and develop relevant new products that consumers demand. This is all done with some of the latest and most advanced tools and testing procedures available.



Corporate Headquarters - Santa Rosa, California

Here at Flowmaster, we respect the past, but always remain looking forward and will continue to meet all exhaust performance and sound challenges the 21st Century continues to offer.

CHAMBERED TECHNOLOGY

1. Resonant Tuning Chamber™

Captures and cancels specific resonance inside the vehicle.

2. Power Chamber®

Creates a negative pressure that helps scavenge exhaust gases

3. Delta Flow® Technology

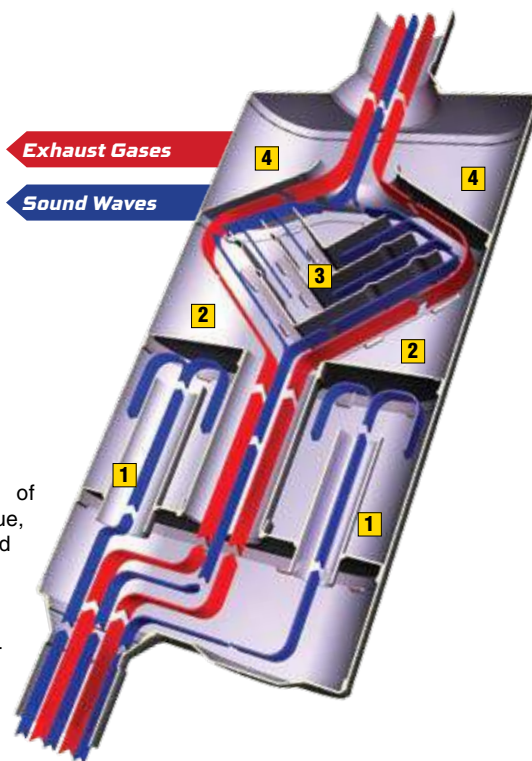
Provides advanced noise cancellation by separating and recombining pulses at precise phase shifts and increased exhaust scavenging.

4. Low-pressure Balance Chamber

Blocks power-robbing atmospheric pressure from entering the system.



Delta Flow technology provides superior scavenging of exhaust gases. This results in increased horsepower, torque, and fuel economy while reducing exterior sound levels and interior resonance. The deflectors function properly only when they have been precisely placed and welded to exact specifications. Only Flowmaster's state-of-the-art electronic sensing equipment places components to a tolerance of $\pm .004$ ", the tightest specifications in the industry.



LAMINAR FLOW TECHNOLOGY

1. Entry Cone

Exhaust is accelerated as it passed through the perforated cone into the outer core. The perforation pattern and entry angle are specifically engineered to provide optimum airflow. The sound energy is reflected and redirected back into itself as well as into the outer thermal core by the carefully selected taper angle of the entry cone.

2. Laminar Flow Area

Exhaust gases are released and allowed to expand into this section in multiple layers due to the tapered angle of the entry cone. This produces a controlled Laminar Flow pattern that reduces turbulence inside. Sound waves lose energy through the expansion of the exhaust gases and reflective angles of the cones, which direct the waves into the thermal barrier material.

3. Thermal Barrier

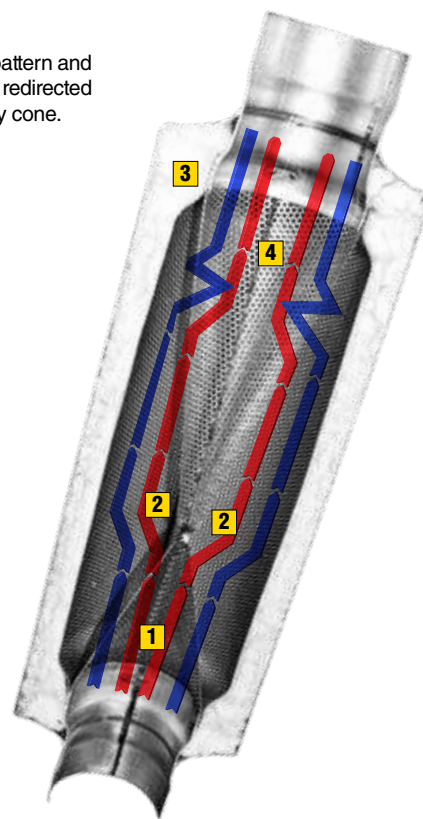
The barrier between the outer core and the case provides a portion of the muffler's sound energy absorption. This barrier is engineered to deliver much lower exterior case temperatures, allowing the muffler to be placed closer to heat sensitive areas.

4. Exit Cone

Increased surface area and angle of the tapered exit provide an "easy exit" for the hot exhaust gases that encourages the flow out of the muffler. The carefully selected taper angle of the exit directs and focuses the sound energy back into itself. This convergence of sound waves reduces the sound level as it passes out of the muffler.



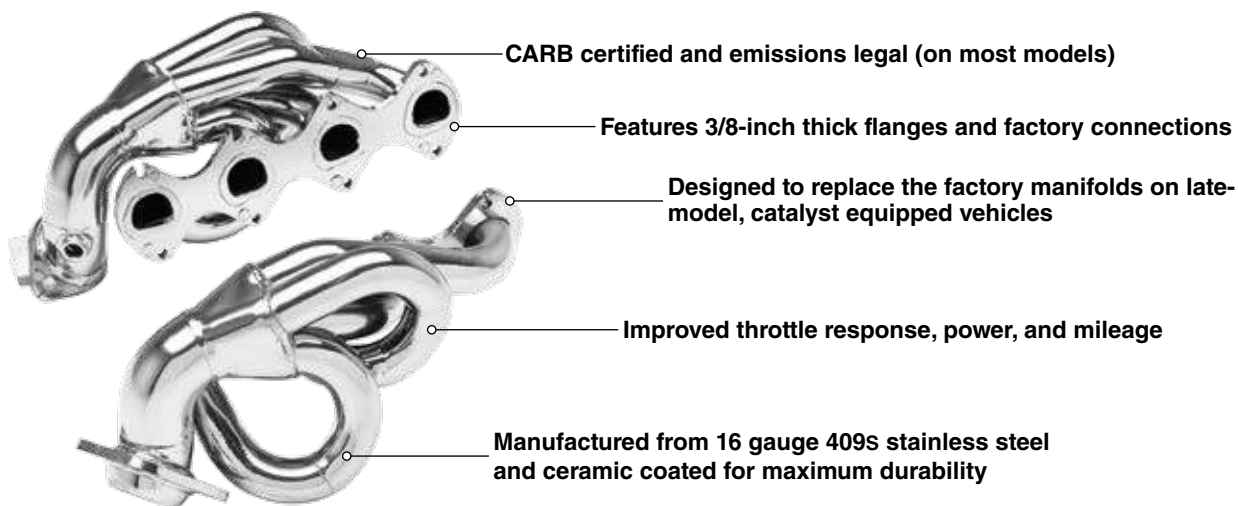
Cool shell technology is a patented internal design used in all Flowmaster Laminar Flow mufflers that dramatically reduces the exterior muffler temperature. This material also greatly reduces exterior heat making these mufflers great for chassis where exhaust systems must be mounted near fuel systems and close to the vehicle floor due to space limitations.



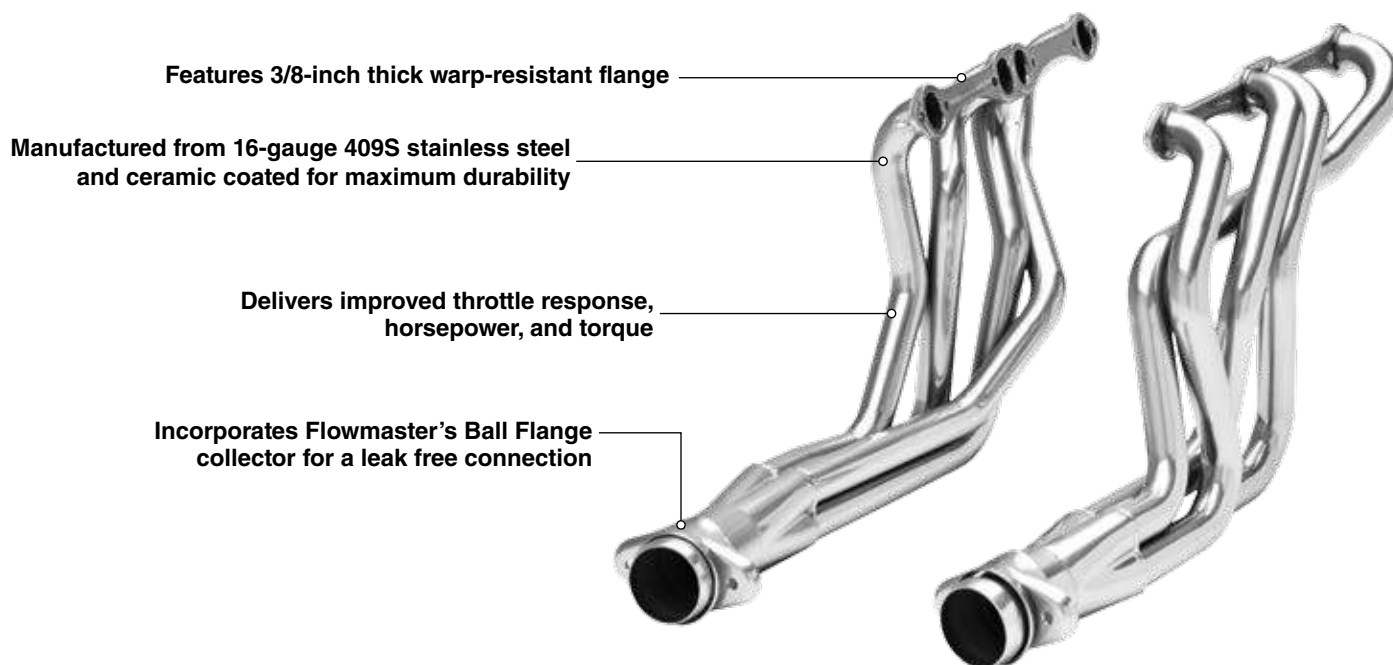
SCAVENGER SERIES® *ELITE HEADERS*

Flowmaster's line of high-performance Scavenger Series Elite Headers are available for many late-model and pre-emissions applications. Featuring heavy gauge stainless tubing, these tuned headers are equipped with heavy-duty 3/8" laser-cut flanges and full ceramic coating for appearance and heat control. Scavenger Series headers also feature either Ball Flange or OE-style connections for ease of installation.

Scavenger Series Elite Shorty Headers



Scavenger Series Elite Long Tube Headers



Model/Submodel	Years	Engine Sizes	Primary Size	Collector	Style	Notes	Part #
CHEVROLET							
Camaro SS	10-14	6.2L	1-3/4"	3/8" Flange	Shorty	18	814121
Camaro SS	10-14	6.2L	1-7/8"	3/8" Flange	Long Tube	8	814117
Camaro	10-11	3.6L	1-5/8"	V-Band Flange	Shorty	17, 18	814122
Camaro	67-81	265-400 Small Block	1-5/8"	3" Collector - Ball flange	Long Tube	1, 2, 3, 4, 5, 6	814110
Camaro	67-74	396-502 Big Block	1-3/4"	3" Collector - Ball flange	Long Tube	11, 12, 13, 14	814111
Camaro	67-69	396-502 Big Block	2"	3-1/2" Collector - Ball flange	Long Tube	12	814112
Camaro / Chevy II / Nova	67-69	LS1 / LS6 Small Block	1-3/4"	3" Collector - Ball Flange	Long Tube	15	814115
Chevelle	64-87	265-400 Small Block	1-5/8"	3" Collector - Ball flange	Long Tube	1, 2, 3, 4, 5, 6	814110
Chevelle	68-74	396-502 Big block	2"	3-1/2" Collector - Ball flange	Long Tube	4, 11, 12, 14	814114
Chevelle	65-72	396-502 Big Block	1-3/4"	3" Collector - Ball flange	Long Tube	11, 12, 13, 14	814111
Chevy II / Nova	68-79	265-400 Small Block	1-5/8"	3" Collector - Ball flange	Long Tube	1, 2, 3, 4, 5, 6	814110
Chevy II / Nova	68-74	396-502 Big Block	1-3/4"	3" Collector - Ball flange	Long Tube	11, 12, 13, 14	814111
Chevy II / Nova	68-74	396-502 Big Block	2"	3-1/2" Collector - Ball flange	Long Tube	12	814112
El Camino	64-87	265-400 Small Block	1-5/8"	3" Collector - Ball flange	Long Tube	1, 2, 3, 4, 5, 6	814110
El Camino	68-74	396-502 Big block	2"	3-1/2" Collector - Ball flange	Long Tube	4, 11, 12, 14	814114
El Camino	65-72	396-502 Big Block	1-3/4"	3" Collector - Ball flange	Long Tube	11, 12, 13, 14	814111
Monte Carlo	70-87	265-400 Small Block	1-5/8"	3" Collector - Ball flange	Long Tube	1, 2, 3, 4, 5, 6	814110
Monte Carlo	70-74	396-502 Big Block	1-3/4"	3" Collector - Ball flange	Long Tube	11, 12, 13, 14	814111
Passenger Car, Wagon	65-89	265-400 Small Block	1-5/8"	3" Collector - Ball flange	Long Tube	1, 2, 3, 4, 5, 6	814110
Passenger Car, Wagon	68-74	396-502 Big Block	1-3/4"	3" Collector - Ball flange	Long Tube	11, 12, 13, 14	814111
Silverado	02-10	4.8L/5.3L/6.0L/6.2L	1-5/8"	OEM Flange	Shorty	18	814123
Corvette	57-74	Small Block	1-5/8"	3" Collector - Ball flange	Shorty	16, 18	814120
Universal	Univ.	265-400 Small Block	1-5/8"	3" Collector - Ball flange	Shorty	15, 18	814120
DODGE / CHRYSLER							
Charger/Challenger/300C/RT	09-12	5.7L	1-3/4"	OEM Flange	Shorty	8	814321
Charger/Magnum/300C/RT	05-08	5.7L	1-3/4"	OEM Flange	Shorty	8	814320
FORD							
F-150	05-10	5.4L	1-5/8"	OEM Flange	Shorty	18	814226
F-150	97-03	5.4L	1-1/2"	OEM Flange	Shorty	18	814227
Mustang GT	11-14	5.0L	1-3/4"	3/8" Flange	Shorty	18	814225
Mustang GT/GT 500	05-10	4.6L 3V/5.4L	1-5/8"	OEM Flange	Shorty	18	814224
Mustang GT	99-04	4.6L 2V	1-5/8"	OEM Flange	Shorty	18	814223
Mustang GT	96-98	4.6L 2V	1-5/8"	OEM Flange	Shorty	18	814222
Mustang GT/LX	86-93	5.0L	1-5/8"	OEM Flange	Shorty	18	814221
Mustang	64-73	289/302 Small Block	1-3/4"	3" Collector - Ball flange	Long Tube	7, 8, 9, 10	814211
Universal	Univ.	289/302 Small Block	1-5/8"	3" Collector - Flat flange	Shorty	15, 18	814220
GM							
A-Body	64-72	LS1 / LS6 Small Block	1-3/4"	3" Collector - Ball Flange	Long Tube	15	814116
JEEP							
Wrangler	91-99	4.0L	1-1/2"	OEM Flange	Shorty	18	814420
PONTIAC							
Firebird	67-69	LS1 / LS6 Small Block	1-3/4"	3" Collector - Ball Flange	Long Tube	15	814115

1. Fits D-Port cylinder heads including ZZ4 crate engines
2. Does not fit 67-69 Camaro with A/C
3. Will fit most angle plug heads including factory Chevy Bow-Tie heads
4. Requires removal/modification of locking steering columns if equipped
5. Install requires new left side A/C bracket. '79 and later vehicles w/ short compressors can use stock bracket
6. Long Tube non-emissions applications
7. Fits most Z-bars. Vehicles may require Z-bar modification
8. For off-road racing use only. This product is not emissions legal
9. Fits manual steering. Requires drop down bracket to fit power steering
10. E-brake pivot bracket must be relocated.

11. Will not fit with Saginaw Close Ratio 825 Steering Box
12. Must use big block frame stands & mounts to insure proper engine location & header fit
13. Will fit Detroit Speed & Engineering front subframes w/ rack & pinion steering
14. Does not fit with power glide transmission
15. For use on non emission controlled applications
16. May require new alternator mounting bracket
17. Requires cutting and welding of new V-Band clamp connections
18. 50-state smog legal header / CA EO PENDING

CATALYTIC CONVERTERS

Flowmaster's Catalytic Converters are designed to fit and function on a large variety of vehicles, while our new Direct-Fit Federal Catalytic Converters are direct replacement converters designed to meet or exceed both OE and USEPA standards. Only the highest quality materials are used to manufacture these American-made converters. Stainless steel outer shell and heat shield construction provide long-term durability, while OEM-grade substrates carry the noble metals and meet or exceed all emissions standards. Our converters have been engineered specifically for maximum efficiency and effectiveness to avoid the 'MIL' (check engine light) trouble code issues common to low-quality converter use.

When a converter replacement is required, installation of universal models should be accomplished by a qualified technician familiar with fabrication, welding, and basic emissions requirements.



Universal Catalytic Converters

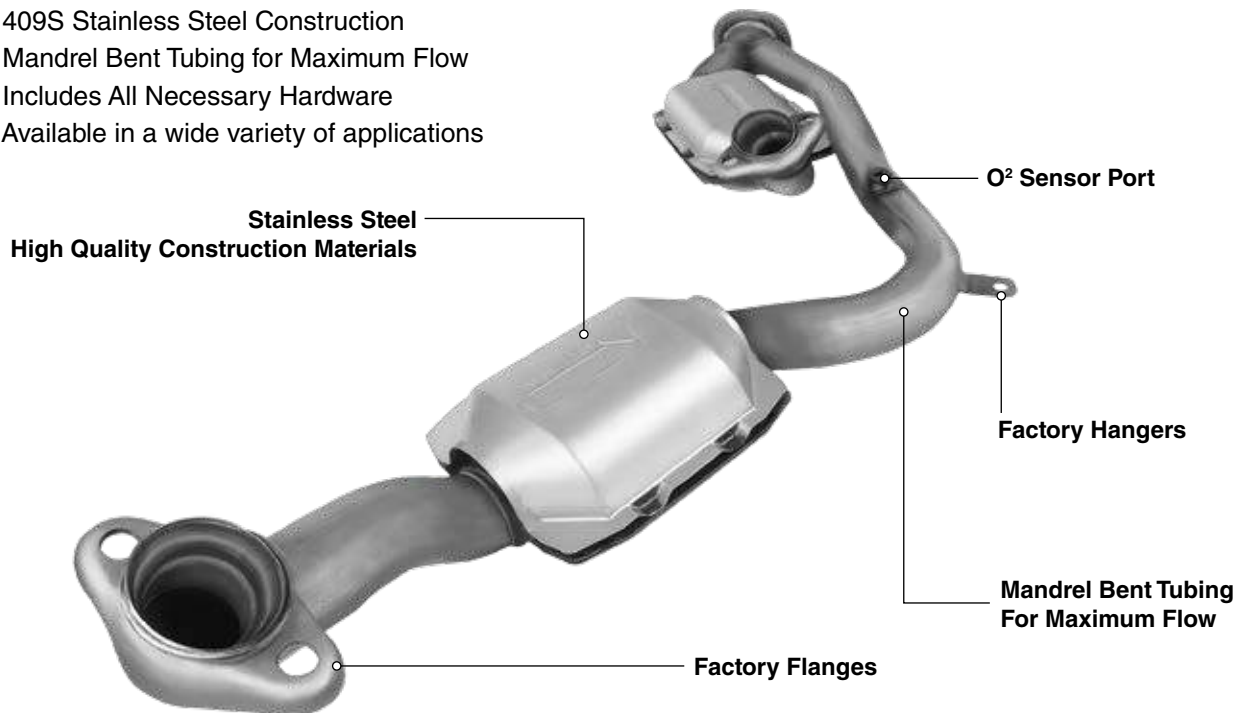
- >> Larger Total Substrate Size
- >> Increased Precious Metals Loading
- >> Improved O₂ Storage and Release
- >> Lowered Emissions Output
- >> Long-Term Reliability



Direct-Fit Professional Series

Flowmaster's Professional Installer line of direct fit catalytic converters feature fully mandrel bent stainless steel tubing and are specifically designed to meet or exceed OEM specifications for exact fit and performance. They are available for a wide range of popular applications; all meet USEPA emissions standards and include a 25,000 mile emissions warranty, and 50,000 mile/5 year stainless steel exterior casing warranty.

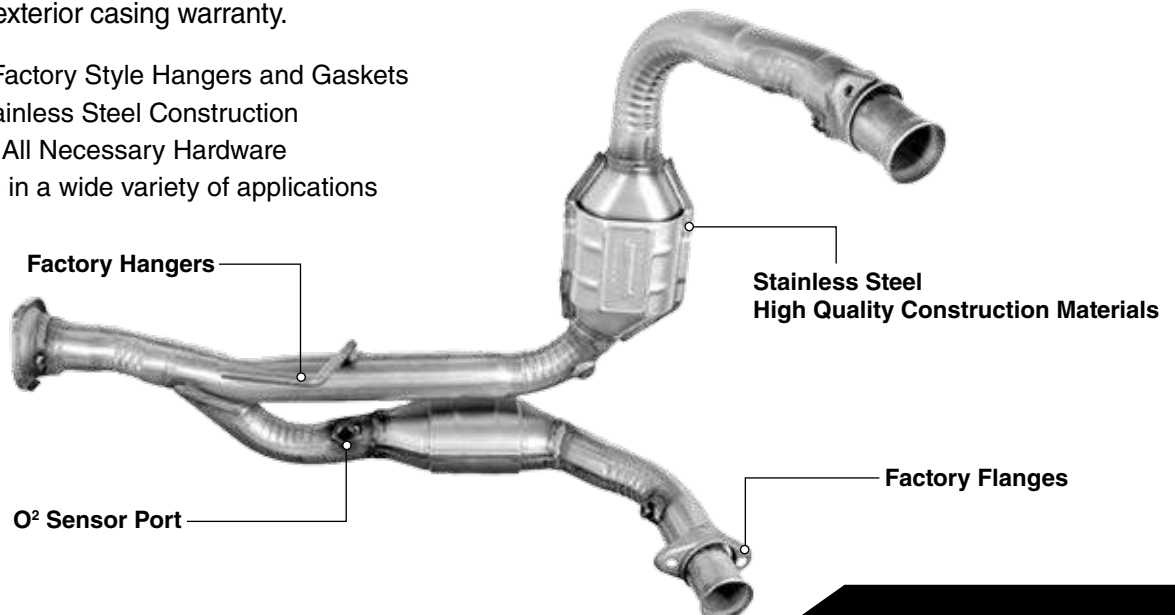
- >> Utilizes Factory Style Hangers and Gaskets
- >> 409S Stainless Steel Construction
- >> Mandrel Bent Tubing for Maximum Flow
- >> Includes All Necessary Hardware
- >> Available in a wide variety of applications



Direct-Fit Standard Series

Flowmaster's Standard Series line of direct fit catalytic converters are specifically designed to meet or exceed OEM specifications for exact fit and performance. They are available for a wide range of popular applications; all meet USEPA emissions standards and include a 25,000 mile emissions warranty, and 50,000 mile/5 year stainless steel exterior casing warranty.

- >> Utilizes Factory Style Hangers and Gaskets
- >> 409S Stainless Steel Construction
- >> Includes All Necessary Hardware
- >> Available in a wide variety of applications



DELTA BOOST

PERFORMANCE TUNER

PLUG 'N PLAY POWER

Flowmaster, known as the industry leader in developing innovative exhaust technologies, now brings you the next phase in maximizing horsepower and torque with a plug and play unit for turbocharged applications.

Flowmaster's Delta-Boost Power Tuners are engineered to give your car or truck the extra power needed for passing, towing or cutting laps at the track, and installs easily and quickly, generally in less than a minute.

Delta-Boost Power Tuners are designed and tuned for performance gains over a broad useable RPM range of an engine's power curve. Maximum performance and efficiency is achieved when paired with Flowmaster exhaust systems.



DELTA BOOST FEATURES

- >> Up to 30+ HP and 50+ lb-ft TQ*
- >> CARB E.O. Number Pending
- >> Bluetooth Smart
- >> Installs in Minutes
- >> 1 Year Product Warranty
- >> Made in the USA

*All power gains measured at the rear wheels and vary per application. Consult website for details.

BLUETOOTH APP FEATURES

- >> Real Time Boost Monitor
- >> 4 Power Settings (Valet, Standard, Sport & Max)
- >> Downloadable App Compatible with iOS & Android



APPLICATIONS

MAKE	ENGINE	PART#
Ford	1.0L / 1.6L / 2.0L Ecoboost	18102
Ford	2.3L Ecoboost	18101
Ford	2.7L Ecoboost	18103
Ford	3.5L Ecoboost	18104

More applications coming soon.

EXHAUST SYSTEMS

At Flowmaster it's not a one-size-fits-all mentality. Flowmaster offers five different exhaust systems so that you can select the perfect tone for your vehicle from mild to aggressive. Each of our systems deliver tuned performance enhancement and are designed to increase the power, torque, and overall enjoyment of your vehicle. Every Flowmaster system is designed and fabricated on a chassis dyno to achieve maximum performance and perfect fitment.

OUTLAW S E R I E S



SOUND LEVEL

Our Most Aggressive Race-Oriented System

Outlaw® exhaust systems are ideal for those looking for the ultimate aggressive exhaust sound levels. These systems feature our race-bred Outlaw mufflers and deliver extremely aggressive sound levels inside and out. On catalytic converter equipped vehicles, Outlaws deliver very aggressive tones and may be street-compatible in some areas. All Outlaw systems are manufactured from 409S® stainless steel for maximum durability.

SOUND LEVEL

The Sound That Started It All

American Thunder® is the 'original' Flowmaster sound. In most cases a very aggressive sound level, American Thunder systems use various chambered mufflers to achieve the performance gains and aggressive sound that you want from your car or truck, inside and out. Available in stainless steel or economical aluminized steel, American Thunder systems are a great choice when you want to be heard.

SOUND LEVEL

Classic Tone For High Performance

Hurst Elite Series systems feature fully mandrel-bent 304s stainless steel tubing that has been custom-designed and exclusively manufactured by industry-leading Flowmaster Inc. to ensure a precise fit every time! The mufflers utilize a high-thermal sound absorption barrier with a large straight-through performance core that provides a deep, classic tone reminiscent of Hurst's iconic heritage.



**2016-2017
CHEVY CAMARO SS
PART# 817745**



**2015-2016
DODGE CHALLENGER R/T
PART# 817716**



**2015-2017
FORD MUSTANG GT
PART# 6350024**

EXHAUST SYSTEMS

Be it a domestic or import truck, SUV, off-road warrior, daily driver, muscle car, euro-spec cruiser, or sport-compact vehicle, Flowmaster technicians personally hand-select the right muffler, tubing size, resonator, and tip to make the process easy for you. Best of all, Flowmaster stainless steel systems are covered by our Lifetime Limited warranty ensuring that your exhaust will last as long as you own your vehicle.

dBX^{series}

SOUND LEVEL

Top Choice for Smaller Displacement Vehicles

The Laminar Flow dBX[®] systems are ideal for smaller displacement four and six cylinder engines in both imported and domestic cars and trucks. Designed to provide a deep performance tone to these smaller engines, dBX systems deliver the performance benefits you demand, while the 304 stainless steel Laminar Flow muffler can be polished to a brilliant shine to match the polished tips provided. dBX systems feature all stainless steel construction.



**2006-2011
HONDA CIVIC SI
PART# 817580**

FORCE II[™]

SOUND LEVEL

For a Mild, Chambered Muffler Tone

Force II[®] systems are designed for those who want the famous Flowmaster performance gains, but prefer a milder tone to the exhaust sound. Perfect for daily driven vehicles, Force II systems utilize our larger displacement mufflers for additional sound control and often feature custom-tuned resonators for very mild interior tones. Force II systems are available for many popular cars, trucks and SUVs in both stainless steel and economical aluminized steel.



**2015-2016
FORD F-150
PART# 817727**

TECHNOLOGY

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CAR APP

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SOUND LEVELS



MODEL - SUBMODEL	YEARS	ENGINE/ OPTIONS	OUTLAW	AMERICAN THUNDER	HURST ELITE	DBX SERIES	FORCE II
ACURA							
Integra	94-99	1.8L L4					
	92-93	1.7L L4					
	90-93	1.8L L4					
	86-89	1.6L L4					
Legend	91-95	3.2L V6					
BMW							
3 Series	90-00	1.8L					
	96-99	3.2L L6					
M Coupe	99-02	3.2L L6 (dual muffler)					
X5	06-10	4.8L V8 (dual muffler)					
BUICK							
GS	65-72	5.6L, 5.7L, 6.6L, 7.5L V8					
Regal/ Grand National	86-88	5.0L V8		817457 2.50" HB DOR S44			
	86-87	3.8L V6 Turbo					
	79-80	4.9L V8					
	78-80	5.0L V8					
Skylark	73-77	4.3L, 4.9L, 5.0L, 5.7L V8					
	64-72	4.9L, 5.6L, 5.7L, 6.6L, 7.5 V8		17119 2.50" HB DOR S40			
	68-72	4.9L, 5.6L, 5.7L, 6.6L, 7.5 V8		817409 2.50" HB DOR S40			
	68-72	4.9L, 5.6L, 5.7L, 6.6L, 7.5 V8		17200 3.00" HB DOR S40			
				817200 3.00" HB DOR S40			
	64-67	4.9L, 5.6L, 5.7L, 6.6L, 7.5 V8		817412 2.50" HB DOS S40			
	64-67	4.9L, 5.6L, 5.7L, 6.6L, 7.5 V8		17202 3.00" HB DOS S40			
				817202 3.00" HB DOS S40			
	68-69	4.1L L6					
	66-67	3.7L V6					
	64-65	3.7L V6					
CHEVROLET							
BelAir / Impala / Biscayne / 210	55-64	4.3L V8		817413 (59-64) 2.50" HB DOS Pipes			
	55-57	BelAir/ 210/ 150 4.3L V8		817174 2.50" HB DOR S40			
Camaro	2016	6.2L SS	817745 3.00" AB DOR OL	817744 3.00" AB DOR S44	6350026 3.00" AB DOR		
				817746 Dual Mode 3.00" AB DOR S44/OL			

Continued next page

AB = Axle-back | CB = Cat-back | HB = Header-back | XB = Crossmember-back | Part # Starts with 8 = Stainless Steel
DOR = Dual Out Rear | DOS = Dual Out Side | SOR = Single Out Rear | SOS = Single Out Side | DOD = Dual out Dumps | = Hurst Elite

MUFFLERS

FLOWMASTER

							
ORIGINAL 40	AGGRESSIVE	SERIES	MODERATE	SERIES	MILD	SERIES	TAIL PIPE/ PIPE KITS
					952062	60	
	942043	40DF	942053	50DF			
	942043	40DF	942053	50DF			
	9420402	40DF	9420502	50DF			
	942040	40DF	942050	50DF			
	12414310	dBX					
	13014310	dBX					
	12514310	dBX					
	12514310	dBX					
	942043	40DF	942053	50DF			
42441	942446	S44	942451	50DF			15817
8042441	842446	S44	842451	50DF			15817
	42582	80					
	942041	40DF	942051	50DF			
42441	942446	S44	942451	50DF			
8042441	842446	S44	842451	50DF			
42443	942448	S44	942453	50DF			15817
8042443	842448	S44	842453	50DF			
	942043	40DF	942053	50DF			15802 / 17107
							15818 / 1040
							15819 / 1041
	942043	40DF					
	942043	40DF	942053	50DF			
	942043	40DF					
	942042	40DF	942052	50DF			81055
	942042	40DF	942052	50DF			15816
	8425461	S44					

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S10 = Super 10 Series | **40** = Original 40 Series | **40DF** = 40 Series Delta Flow | **S44** = Super 44 Series | **S40** = Super 40 Series | **50DF** = 50 Series Delta Flow | **50HD** = 50 Series Heavy Duty
50BB = 50 Big Block | **S50** = Super 50 Series | **60** = 60 Series | **70** = 70 Series | **80** = 80 Series | **dBX** = dBX Series | **OL** = Outlaw | **PRO** = PRO Series | **TR** = Tuned Resonator

SOUND LEVELS



MODEL - SUBMODEL	YEARS	ENGINE/ OPTIONS	OUTLAW	AMERICAN THUNDER	HURST ELITE	DBX SERIES	FORCE II
CHEVROLET							
Camaro		3.6L LT		817743 2.50" AB DOR TR			
		2.0L LT		817751 No Quad Tip 2.50" AB DOR OL			
14-15	6.2L V8 SS	817686 2.50" AB DOR OL		817700 Coupe Only 2.50" AB DOR S44	6350001 3.00" CB DOR		817697 2.50" AB DOR TR
		817698 Coupe Only 3.00" CB DOR OL		817656 Coupe Only 3.00" CB DOR S44			
13-15	6.2L, SS W/Dual Mode Option			817609 Coupe Only 3.00" CB DOR OL			
10-13	6.2L V8 No GFX, Coupe & Convrt.	817504 3.00" AB DOR OL			6350002 3.00" CB DOR		817506 3.00" AB DOR TR
							817528 2.50" CB DOR TR
	6.2L V8 No GFX, Coupe Only	817556 3.00" CB DOR OL		817495 3.00" AB DOR 40			
				817481 3.00" CB DOR 40			
	6.2L V8 W/ GFX, Coupe Only			817487 3.00" CB DOR 40			
10-15	3.6L V6 Coupe Only			817483 2.50" AB DOR 40			
10-13	3.6L V6 Coupe and Convertible			817572 2.50" CB DOR 40DF			
96-02	5.7L V8			17199 3.00" CB DOR 80			
93-02	3.4L, 3.8L V6						
95-97	5.7L V8 Dual Cats			17133 2.50" CB DOR 80			
95-97	3.8L V8 Slip Fit Cat						
93-95	5.7L V8 3.00" Cat			17143 2.50" CB DOR 80			
				17274 3.00" CB DOR 80			
93-95	3.4L V6						
86-91	5.0L, 5.7L V8 2.50" Cat			17234 3.00" CB DOR 80			
	5.0L, 5.7L V8 3.00" Cat			17233 3.00" CB DOR 80			
75-95	4.4L, 5.0L, 5.7L V8						
82-92	2.8L, 3.1L V6						
75-81	Z-28 models W/ 5.0L, 5.7L V8						

Continued next page

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FLOWMASTER

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SOUND LEVELS


MODEL - SUBMODEL	YEARS	ENGINE/ OPTIONS	OUTLAW	AMERICAN THUNDER	HURST ELITE	DBX SERIES	FORCE II
CHEVROLET							
Camaro	75-81	ALL V8 -Off Road Use		817571 2.50" HB DOS 50DF			
	70-74	5.0L, 5.4L, 5.7L, 6.5L, 6.6L, 7.0L V8		17149 2.50" HB DOR 50DF			
	67-74	5.0L, 5.4L, 5.7L, 6.5L, 6.6L, 7.0L V8		17104 Coupe Only 2.50" HB DOR 80 817104 Coupe Only 2.50" HB DOR 80			
	69-69	5.0L, 5.4L, 5.7L, 6.5L, 6.6L, 7.0L V8		17139 Coupe Only 2.50" HB DOR S44 817139 Coupe Only 2.50" HB DOR S44			
	67-69	5.0L, 5.4L, 5.7L, 6.5L, 6.6L, 7.0L V8		17201 Coupe Only 3.00" HB DOR S40			
	67-68	5.0L, 5.4L, 5.7L, 6.5L, 6.6L, 7.0L V8		17129 Coupe Only 2.50" HB DOS S40 17129 Coupe Only 2.50" HB DOS S40			
Cavalier	99-02	2.2L, 2.4L L4		817639 2.25" CB SOR 60			
Chevelle (A-Body)	73-77	4.4L, 5.0L, 5.7L V8					
	64-72	4.6L, 5.0L, 5.4L, 6.5L, 6.6L, 7.4L V8		17119 2.50" HB DOR S40			
	68-72	4.6L, 5.0L, 5.4L, 6.5L, 6.6L, 7.4L V8		817409 2.50" HB DOR S40			
				17200 3.00" HB DOR S40 817200 3.00" HB DOR S40			
	64-67	4.6L, 5.0L, 5.4L, 6.5L, 6.6L, 7.4L V8		817412 2.50" HB DOS S40			
				17202 3.00" HB DOS S40 817202 3.00" HB DOS S40			
Chevy II / Nova	68-74	5.0L, 5.4L, 5.7L, 6.5L, 6.6L V8		17104 2.50" HB DOR 80 817104 2.50" HB DOR 80 817158 2.50" HB DOR S44			
	62-67	4.6L, 5.4L V8		817673 2.50" XB DOS S44			
Cobalt	05-10	2.2L, 2.0L (Super-charged), 2.4L L4					
Corvette	14-16	6.2L V8		817753 3.00" AB DOR 60			
	05-13	6.0L, 6.2L V8					817550 2.50" CB DOR 60

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AB = Axle-back | CB = Cat-back | HB = Header-back | XB = Crossmember-back | Part # Starts with 8 = Stainless Steel
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	ORIGINAL 40	AGGRESSIVE	SERIES	MODERATE	SERIES	MILD	SERIES	TAIL PIPE/ PIPE KITS
		942043	40DF	942053	50DF			15801
		42582	80					815801
		42585	80					
		42582	80					15801
		42585	80					815801
		942043	40DF	942053	50DF			15801
								815801
		942043	40DF	942053	50DF			15822 / 1050
		942043	40DF	942053	50DF			15801
								815801
42441	942446	S44	942451	50DF				
8042441	842446	S44	842451					
42543	952548	S40	52558	S50	52573	70		15802 / 17107
8042543	852548	S40	852558	S50				815802
42543	952548	S40	52558	S50	52573	70		
8042543	852548	S40	852558	S50				
42543	952548	S40	52558	S50	52573	70		15818 / 1040
8042543	852548	S40	852558	S50				815818
42543	952548	S40	52558	S50	52573	70		
8042543	852548	S40	852558	S50				
42543	952548	S40	52558	S50	52573	70		15819 / 1041
8042543	852548	S40	852558	S50				
	42582	80						15801
	942043	40DF	942053	50DF				815801
	942042	40DF	942052	50DF				
42441	942446	S44						
8042441	842446	S44						

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S10 = Super 10 Series | 40 = Original 40 Series | 40DF = 40 Series Delta Flow | S44 = Super 44 Series | S40 = Super 40 Series | 50DF = 50 Series Delta Flow | 50HD = 50 Series Heavy Duty
50BB = 50 Big Block | S50 = Super 50 Series | 60 = 60 Series | 70 = 70 Series | 80 = 80 Series | dBX = dBX Series | OL = Outlaw | PRO = PRO Series | TR = Tuned Resonator

SOUND LEVELS



MODEL - SUBMODEL	YEARS	ENGINE/ OPTIONS	OUTLAW	AMERICAN THUNDER	HURST ELITE	DBX SERIES	FORCE II
CHEVROLET							
Corvette	09-13	6.2L V8					817484 2.50" AB DOR 60
	05-08	6.0L V8					817512 2.50" AB DOR 60
	97-04	5.7L V8					817517 2.50" AB DOR 80
	92-96	5.7L V8					817670 2.50" CB DOR 60
	91	5.7L V8					
	84-90	5.7L V8					17153 (86-90) 2.25" CB DOR 50DF
							817632 (86-90) 2.25" CB DOR 60
							817694 (84-85) 2.25" CB DOR 60
	80-81	5.7L V8					817667 2.50" CB DOR 60
	75-79	5.7L V8		817662 2.50" CB DOR 50DF			
	74-79	5.7L V8					817661 2.25" XB DOR 60
	70-73	5.7L V8					817659 2.25" XB DOR 50DF
	70-73	7.4L V8					817720 2.50" XB DOR 50DF
	68-69	5.4L, 5.7L V8					817660 2.25" XB DOR 50DF
		7.0L V8					817695 2.50" XB DOR 50DF
	63-67	5.4L V8					817675 2.25" XB DOR 50DF
Cruze	11-16	1.4L, 1.8L L4					817565 2.25" CB DOR 50DF
El Camino	64-72	4.6L, 5.0L, 5.4L, 6.5L, 6.6L, 7.4L V8		17120 2.50" HB DOS S50			
Impala	06-07	5.3L V8					
Impala / Caprice	94-96	5.7L V8					
	85-87	5.0L V8					
	78-84	4.4L, 5.0L, 5.7L V8					
	74-77	5.7L V8					
	65-73	4.4L, 5.0L, 5.4L, 5.7L, 6.5L, 6.6L, 7.4L V8		17655 (65-68) 2.50" XB DOR S40			
Malibu / Monte Carlo	06-07	5.3L V8					
	78-88	5.0L, 5.7L V8		817457 2.50" HB DOR S44			
	85-88	5.0L V8					
	78-84	4.4L, 5.0L V8					

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MODEL - SUBMODEL	YEARS	ENGINE/ OPTIONS	OUTLAW	AMERICAN THUNDER	HURST ELITE	DBX SERIES	FORCE II
CHEVROLET							
SS	14-15	6.2L V8					817657 2.50" CB DOR 60
CHRYSLER							
300S	2015	3.6L V6		817741 2.50" CB DOR S44			
300	05-10	2.7L, 3.5L V6					
300C	11-14	5.7L V8		817508 2.50" CB DOR S40			817502 2.50" CB DOR S44
	05-10	5.7L V8		817480 2.50" CB DOR S40			17405 2.50" CB DOR S40
							817405, S44 2.50" CB DOR S40
	12-13	6.4L V8 SRT8					817540 3.00" CB DOR S40
	06-10	6.1L V8 SRT8		817498 3.00" CB DOR S40			
PT Cruiser	01-09	2.4L L4					
DODGE							
Avenger	11-14	3.6L V6					817627 2.50" CB DOR dBX
Challenger	15-16	6.2L, 6.4L	817740 3.00" CB DOR OL	817739 3.00" CB DOR S40	Hurst Elite 6350014 3.00" CB DOR		
Challenger	15-16	5.7L V8	817717 3.00" CB DOR OL	817716 2.50" CB DOR S40	Hurst Elite 6350013 3.00" CB DOR		817715 2.50" CB DOR S44
		3.6L V6		817737 2.50" CB DOR S44			
	11-14	3.6L V6					817538 2.50" CB DOR 50DF
	09-10	3.5L V6					817459 2.50" CB DOR S50
	09-14	5.7L V8, Auto Trans	817736 Auto Only 2.50" AB DOR OL		Hurst Elite 6350011 3.00" CB DOR		
		5.7L V8, Manual Trans	817721 Manual Only 2.50" AB DOR OL		Hurst Elite 6350011 3.00" CB DOR		
		5.7L V8	817645 3.00" CB DOR OL	817479 2.50" CB DOR S40			817461 2.50" CB DOR S44
	08-14	6.1L, 6.4L V8	817563 3.00" CB DOR OL	817499 3.00" CB DOR S40	Hurst Elite 6350010 3.00" CB DOR		
	70-74	5.6L, 5.9L, 6.3L, 7.0L, 7.2L V8					
	70-72	5.2L V8					
	70-72	3.7L L6					
Charger / Magnum	15-16	3.6L V6, SE, SXT		817741 2.50" CB DOR S44			
	11-14	3.6L V6					817543 2.50" CB DOR 50DF
	05-10	2.7L, 3.5L V6					817482 2.50" CB DOR S50
	15-16	6.2L, 6.4L V8 Scat Pack, SRT 392, SRT HellCat		817684 3.00" CB DOR S40			

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ORIGINAL 40	AGGRESSIVE	SERIES	MODERATE	SERIES	MILD	SERIES	TAIL PIPE/ PIPE KITS
8042443	842443	40DF	842453	50DF			
8042443	842448	S44	842453	50DF			
							81069
8043043	953048	S40	53058	S50			81069
	853048						
42441	942446	S44	942451	50DF			
8042441	842446	S44	842451	50DF			
8042443	842443	40DF	842453	50DF			
8042443	842443	40DF	842453	50DF			
8042443	842448	S44	842453	50DF			
8042543	842548	S44	842553	50DF			
8043043	953048	S40	943053	50DF			
	853048						
	13012100	PRO					
42441	942446	S44	52456				15809
8042441	842446	S44	942451	50DF			
	942041	40DF	942051	50DF			
			942451	50DF			
8042443	842443	40DF	842453	50DF			

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50BB = 50 Big Block | S50 = Super 50 Series | 60 = 60 Series | 70 = 70 Series | 80 = 80 Series | dBX = dBX Series | OL = Outlaw | PRO = PRO Series | TR = Tuned Resonator

SOUND LEVELS



MODEL - SUBMODEL	YEARS	ENGINE/ OPTIONS	OUTLAW	AMERICAN THUNDER	HURST ELITE	DBX SERIES	FORCE II
DODGE							
Charger / Magnum	15-16	5.7L V8		817658 2.50" CB DOR S44	6350017 2.50", CB, DOR		817618 2.50", CB, DOR, S44
	11-14	5.7L V8		817508 2.50" CB DOR S40	6350016 2.50" CB DOR		817502 2.50" CB DOR S44
	05-10	5.7L V8 R/T		817480 2.50" CB DOR S40			17405 2.50" CB DOR S40
	12-14	6.4L V8 SRT8					817540 3.00" CB DOR S40
	06-10	6.1L V8 SRT8		817498 3.00" CB DOR S40			
Charger / Coronet / Super Bee	65-74	5.2L, 5.6L, 5.9L, 6.3L, 6.6L, 6.8L, 7.0L, 7.2L V8					
	71-72	5.2L, 5.6L, 5.9L, 6.3L, 6.6L, 6.8L, 7.0L, 7.2L V8					
	68-70	5.2L, 5.6L, 5.9L, 6.3L, 6.6L, 6.8L, 7.0L, 7.2L V8		817390 2.50" HB DOR S40			
				17382 3.00" HB DOR S40			
Dart	13-16	1.4L Turbo, 2.0L Rallye, 2.4L				817595 2.25" CB DOR dBX	
	13-16	1.4L Turbo, 2.0L, 2.4L				817677 No GT 2.25" CB DOR dBX	
Dart / Demon / Swinger	69-74	5.6L, 5.9L, 6.3L V8		817585 67-74 A-Body 2.50" HB DOR S40			
	69-74	5.2L V8					
	62-68	4.5L, 5.2L, 5.6L, 5.9L, 6.3L V8		817584 63-66 A-Body 2.50" HB DOR S40			
Neon	00-05	2.0L L4 SOHC					
	95-99	2.0L L4 SOHC					
	95-99	2.0L L4 DOHC					
FORD							
Crown Victoria	98-00	4.6L V8					
	96-97	4.6L V8					
Escort	91-96	1.8L DOHC L4					
	91-94	1.9L SOHC L4					
	83-90	1.6L L4					
Fairlane / Torino	60-74	4.7L, 5.0L, 5.8L, 6.4L, 6.6L, 7.0L V8		17289 66-67 2.50" HB DOR S50			
Fiesta	11-16	1.6L L4				819115 2.25" CB SOR dBX	
Focus	12-15	2.0L L4					817552 Hatchback 2.25" CB SOR 50DF
	13-14	2.0L Turbo, ST		817637 2.25" CB DOR TR			
	08-10	2.0L L4					

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	ORIGINAL 40	AGGRESSIVE	SERIES	MODERATE	SERIES	MILD	SERIES	TAIL PIPE/ PIPE KITS
	8042443	842448	S44	842453	50DF			
	8043043	953048	S40	53058	S50			
		853048						
		13012100	PRO					
	42441	952446	S40	52456	S50			
	42441	952446	S40	52456	S50			15806
	42441	952446	S40	52456	S50			
	42441	952446	S40	52456	S50			15806
	42441	952446	S40	52456	S50			
	42441	942446	S44	942451	50DF			
	8042441	842446	S44	842451	50DF			
		942041	40DF	942051	50DF			
		942041	40DF	942051	50DF			
		942042	40DF	942052	50DF	952062	60	
		942442	40DF	942452	50DF	952462	60	
		842442	40DF	842452	50DF			
		9424402	40DF	9424502	50DF			
				942051	50DF			
		942043	40DF	942053	50DF			
		9420412	40DF	9420512	50DF			
		942041	40DF	942051	50DF			
		942042	40DF			952062	60	
	42441	942446	S44	942451	50DF			
	8042441	842446	S44	842451	50DF			
				9424502	50DF			
		942043	40DF					

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50BB = 50 Big Block | **S50** = Super 50 Series | **60** = 60 Series | **70** = 70 Series | **80** = 80 Series | **dBX** = dBX Series | **OL** = Outlaw | **PRO** = PRO Series | **TR** = Tuned Resonator

SOUND LEVELS



MODEL - SUBMODEL	YEARS	ENGINE/ OPTIONS	OUTLAW	AMERICAN THUNDER	HURST ELITE	DBX SERIES	FORCE II
FORD							
Focus	00-07	2.0L, 2.3L L4					
Fusion	08-10	3.0L V6					
	08-10	2.3L L4					
	06-07	2.3L, 3.0L L4					
Galaxie	65-67	3.9L L6					
Galaxie	60-67	4.3L, 4.7L, 4.8L, 5.8L, 6.4L, 6.7L, 7.0L V8					
Mustang Boss 302	2013	5.0L V8		817589 3.00" CB DOR 60			
	2012	5.0L V8		817553 3.00" CB DOR 60			
Mustang Shelby GT500	13-14	5.8L, V8 Super-charged		817612 3.00" AB DOR TR			
Mustang GT, LX, Base	15-16	2.3L I4, 3.7L V6		817748 3.00" AB DOR S10	6350027 3.00" AB DOR		
				817750 2.25" CB DOR OL			
	15-16	5.0L V8		817749 3.00" AB DOR S44	6350024 3.00" CB DOR		
			817734 Hardtop Only 3.00" CB DOR OL	817730 Hardtop Only 3.00" CB DOR 60			
	11-14	3.7L V6					817497 2.25" AB DOR 60
	05-10	4.0L V6		817488 2010 2.50" AB SOR 60			817518 2010 2.25" CB DOR 60
				17421 05-09 2.50" AB SOR 60			817510 05-09 2.25" CB DOR 60
				817421 05-09 2.50" AB SOR 60			
	13-14	5.0L V8	817590 3.00" CB DOR OL	817587 3.00" CB DOR OL	6350023 3.00" CB DOR		817591 3.00" AB DOR 60
			817592 3.00" AB DOR OL	817588 3.00" AB DOR S44			
				817604 3.00" AB DOR PRO			
	11-12	5.0L, 5.4L V8 GT, GT500	817516 3.00" AB DOR OL	817496 3.00" AB DOR 40			
	11-12	5.0L V8	817560 3.00" CB DOR OL		6350022 3.00" CB DOR		
	05-10	4.6L, 5.4L V8	817511 3.00" AB DOR OL	817460 2.50" AB DOR 40			17410 2.50" AB DOR 60
			817515 2.50" CB DOR OL	817494 3.00" CB DOR 60			817410 2.50" AB DOR 60
	99-04	3.8L, 3.9L V6					17275 2.50" CB DOR S40
	99-04	4.6L V8		17312 2.50" CB DOR S40			17267 2.50" CB DOR S50
				817312 2.50" CB DOR S40			
	98	4.6L V8		17215 2.50" CB DOR S44			
	98	3.8L V6					

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	ORIGINAL 40	AGGRESSIVE	SERIES	MODERATE	SERIES	MILD	SERIES	TAIL PIPE/ PIPE KITS
		942041	40DF					
				942051	50DF			
			40DF	9424512	50DF			
		942041	40DF	942051	50DF			
		942041	40DF	942051	50DF			
		942041	40DF	942051	50DF			
								81108 (2.3L)
								81107 (3.7L)
								81109
8042443	842448	S44						
8042443	842448	S44	12414310	dBX				
8043043	843048	S44						
	13012100	PRO						
8043043	843048	S44						
	13012100	PRO						
8042543	842548	S44						
	12514310	dBX						
	942043	40DF	942053	50DF				
42443	942448	S44	942453	50DF				
8042443	842448	S44	842453	50DF				
42443	942448	S44	942453	50DF				
8042443	842448	S44	842453	50DF				
	942043	40DF	942053	50DF				

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50BB = 50 Big Block | S50 = Super 50 Series | 60 = 60 Series | 70 = 70 Series | 80 = 80 Series | dBX = dBX Series | OL = Outlaw | PRO = PRO Series | TR = Tuned Resonator

SOUND LEVELS



MODEL - SUBMODEL	YEARS	ENGINE/ OPTIONS	OUTLAW	AMERICAN THUNDER	HURST ELITE	DBX SERIES	FORCE II
FORD							
Mustang GT, LX, Base	94-97	3.8L V6					17276 2.50" CB DOR 50DF
	86-98	4.6L, 5.0L V8 GT, LX, Cobra		817574 2.50" CB DOD S44			
	86-93	4.6L, 5.0L V8 GT, LX, Cobra	817682 2.50" CB DOD OL				
	94-97	4.6L, 5.0L V8		17112 2.50" CB DOR S44			17114 2.50" CB DOR 50DF
	94-97	4.6L, 5.0L V8		17212 2.50" CB DOR S44			
	87-93	5.0L V8 GT		17116 2.50" CB DOR S44 817116 2.50" CB DOR S44			17106 2.50" CB DOR 50DF
	86-93	5.0L V8 LX (86 GT)		17113 2.50" CB DOR S44 17213 2.50" CB DOR S44 817213 2.50" CB DOR S44			17203 2.50" CB DOR 50DF
	64-73	4.7L, 5.0L, 5.8L, 6.4L, 7.0L V8					
	67-70	4.7L, 5.0L, 5.8L, 6.4L, 7.0L V8 Not Conv.		17282 Under Valence 2.50" HB DOR S44 817282 Under Valence 2.50" HB DOR S44			
	67-70	4.7L, 5.0L, 5.8L, 6.4L, 7.0L V8 Not Conv.		17281 Through Valence 2.50" HB DOR S44 817281 Through Valence 2.50" HB DOR S44			
	64-66	4.7L, 5.0L V8 Not GT or Conv.		17273 2.50" HB DOR 40DF 817273 2.50" HB DOR 40DF			
Mustang SVT Cobra	99-04	4.6L V8 Super-charged		17248 2.50" CB DOR S40 817248 2.50" CB DOR S40			
Mustang SVO	86	2.3L L4 Turbo					
Probe	89-96	2.0L, 2.2L, L4 / 2.5L, 3.0L V6					
	90-96	2.5L, 3.0L V6					
Taurus SHO	10	3.5L V6					
Continued next page							
Taurus	92-99	3.0L, 3.2L, 3.4L, 3.8L, V6					
Thunderbird	89-04	3.8L V6 Super-charged / 3.9L, 4.6L, 5.0L V8					
	83-88	2.3L, L4/3.8L, V6/ 5.0L V8					

Continued next page

AB = Axle-back | CB = Cat-back | HB = Header-back | XB = Crossmember-back | Part # Starts with 8 = Stainless Steel
DOR = Dual Out Rear | DOS = Dual Out Side | SOR = Single Out Rear | SOS = Single Out Side | DOD = Dual out Dumps | = Hurst Elite

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								ORIGINAL 40	AGGRESSIVE	SERIES	MODERATE	SERIES	MILD	SERIES	TAIL PIPE/ PIPE KITS
									942043	40DF	942053	50DF			
	42443							942448	S44		942453	50DF			
	8042443							842448	S44		842453	50DF			
	42443							942448	S44		942453	50DF			
	8042443							842448	S44		842453	50DF			
	42443							942448	S44		942453	50DF			15805
	8042443							842448	S44		842453	50DF			815805
	42443							942448	S44		942453	50DF			15804
	8042443							842448	S44		842453	50DF			15814
															815814
															15820 (3.00")
								942041	40DF		942051	50DF			15807 (W/O Staggard Shocks)
								942041	40DF		942051	50DF			
								942041	40DF		942051	50DF			
								942041	40DF		942051	50DF			
								942444	40DF						
								942449	S44						
	42443							942448	S44		942453	50DF			
	8042443							842448	S44		842453	50DF			
								942042	40DF				952062	60	
								9420402	40DF				952060	60	
	8042441							842446	S44		842451	50DF			
								942043	40DF						
								942042	40DF						
								942043	40DF		942053	50DF			

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S10 = Super 10 Series | **40** = Original 40 Series | **40DF** = 40 Series Delta Flow | **S44** = Super 44 Series | **S40** = Super 40 Series | **50DF** = 50 Series Delta Flow | **50HD** = 50 Series Heavy Duty
50BB = 50 Big Block | **S50** = Super 50 Series | **60** = 60 Series | **70** = 70 Series | **80** = 80 Series | **dBX** = dBX Series | **OL** = Outlaw | **PRO** = PRO Series | **TR** = Tuned Resonator

SOUND LEVELS



MODEL - SUBMODEL	YEARS	ENGINE/ OPTIONS	OUTLAW	AMERICAN THUNDER	HURST ELITE	DBX SERIES	FORCE II
FORD							
Thunderbird	67	6.4L, 7.0L V8					
HONDA							
Accord	03-05	2.4L L4					
	98-02	2.3L L4					
	98-02	3.0L V6					
	95-97	2.7L V6					
	90-97	2.2L L4					
Civic	86-89	2.0L L4					
	01-05	1.3L, 1.7L, 2.0L L4					
	92-00	1.6L L4					
	88-89	1.5L L4					
CRX	88-91	1.5L L4					
	88-91	1.6L L4					
Prelude	97-01	2.2L V-Tech					
	92-01	2.2L, 2.3L L4					
	90-91	2.0L, 2.1L L4					
	88-90	2.0L L4					
MAZDA							
Miata	90-97	1.6L, 1.8L L4				819110 2.25" CB SOR dBX	
	96-04	1.8L L4					
	90-95	1.6L, 1.8L L4					
MERCEDES-BENZ							
CL500	06	5.0L V8					
Mercury							
Cougar	67-73	4.7L, 5.0L, 5.8L, 6.4L, 7.0L, 7.5L V8					
MINI							
Cooper/Cooper S	07-10	1.4L, 1.6L					
MITSUBISHI							
Eclipse	90-07	2.0L, 2.4L, 3.0L, 3.8L L4					
	90-94	1.8L L4					
NISSAN							
300ZX	90-96	3.0L V6					
Altima	93-97	2.4L L4					
Continued next page							
Maxima	95-99	3.0L V6					
	89-94	3.0L V6					
NX SE, XE	91-93	1.6L, 2.0L L4					

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AB = Axle-back | CB = Cat-back | HB = Header-back | XB = Crossmember-back | Part # Starts with 8 = Stainless Steel
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	ORIGINAL 40	AGGRESSIVE	SERIES	MODERATE	SERIES	MILD	SERIES	TAIL PIPE/ PIPE KITS
		942041	40DF	942051	50DF			
		942041	40DF					
		942041	40DF	942051	50DF			
				942050	50DF	952060	60	
		942043	40DF	942053	50DF			
		942043	40DF	942053	50DF			
		942041	40DF	942051	50DF			
		942041	40DF	942051	50DF			
		942040	40DF	942050	50DF	952060	60	
		942043	40DF	942053	50DF			
		9420402	40DF	9420502	50DF			
		942043	40DF	942053	50DF			
		9420412	40DF	9420512	50DF			
		942040	40DF	942050	50DF	952060	60	
		942040	40DF	942050	50DF	952060	60	
		9420412	40DF	9420512	50DF			
		942041	40DF	942051	50DF			
						952462	60	
		942043	40DF	942053	50DF			
		12414310	dBX					
		942041	40DF					
424441	942446	S44	942451	50DF				
8042441	842446	S44	842451	50DF				
	12014310	dBX						
42441	942446	S44						
8042441	842446	S44						
	942441	40DF						
	842441	40DF						
	9420402	40DF						
	9424402	40DF						
	942041	40DF	942051	50DF				
	942040	40DF	942050	50DF	952060	60		
	942041	40DF	942051	50DF				
	942041	40DF	942051	50DF				

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S10 = Super 10 Series | 40 = Original 40 Series | 40DF = 40 Series Delta Flow | S44 = Super 44 Series | S40 = Super 40 Series | 50DF = 50 Series Delta Flow | 50HD = 50 Series Heavy Duty
50BB = 50 Big Block | S50 = Super 50 Series | 60 = 60 Series | 70 = 70 Series | 80 = 80 Series | dBX = dBX Series | OL = Outlaw | PRO = PRO Series | TR = Tuned Resonator

SOUND LEVELS


MODEL - SUBMODEL	YEARS	ENGINE/ OPTIONS	OUTLAW	AMERICAN THUNDER	HURST ELITE	DBX SERIES	FORCE II
OLDSMOBILE							
Cutlass	78-88	5.0L, 5.7L V8		817456 2.50" CB DOR S44			
				817457 2.50" HB DOR S44			
442 / Cutlass	73-77	4.3L, 5.7L, 7.5L V8					
	64-72	5.4L, 5.7L, 6.6L, 7.5L V8		17119 2.50" HB DOR S40			
442 / Cutlass							
	68-72	5.4L, 5.7L, 6.6L, 7.5L V8		817409 2.50" HB DOR S40			
	68-72	5.4L, 5.7L, 6.6L, 7.5L V8		17200 3.00" HB DOR S40			
				817200 3.00" HB DOR S40			
	64-67	5.4L, 5.7L, 6.6L, 7.5L V8		817412 2.50" HB DOS S40			
	64-67	5.4L, 5.7L, 6.6L, 7.5L V8		17202 3.00" HB DOS S40			
				817202 3.00" HB DOS S40			
PLYMOUTH							
Barracuda	70-74	5.2L V8					
		5.6L, 5.9L, 6.3L, 7.0L, 7.2L V8					
B-Body (GTX/Road-runner/Satellite)	62-74	5.2L, 5.9L, 6.3L, 6.8L, 7.0L, 7.2L V8(W/O Cut Outs)					
	71-72	5.2L, 5.9L, 6.3L, 6.8L, 7.0L, 7.2L V8		17383 3.00" HB DOR S40			
	68-70	5.2L, 5.9L, 6.3L, 6.8L, 7.0L, 7.2L V8		817390 3.00" HB DOR S40			
				17382 3.00" HB DOR S40			
Duster / Scamp / Valiant	70-74	5.2L		817585 68-74 2.50" HB DOR S40			
		5.6L, 5.9L V8		817585 68-74 2.50" HB DOR S40			
	64-66	4.5L, 5.2L, 5.9L V8		817584 2.50" HB DOR S40			
	70	3.7L L6					
Neon SE, ACR, SXT	00-05	2.0L L4 SOHC					
	95-99	2.0L L4 SOHC					
	95-99	2.0L L4 DOHC					
PONTIAC							
Firebird / Trans Am	96-02	5.7L V8		17199 98-02 3.00" CB DOR 80			
	93-02	3.4L, 3.8L V6		17358 98-02 2.50" CB DOR 80			

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	ORIGINAL 40	AGGRESSIVE	SERIES	MODERATE	SERIES	MILD	SERIES	TAIL PIPE/ PIPE KITS
	42443	942448	S44	942453	50DF	52458	S50	15817
	8042443	842448	S44	842453	50DF			
	42441	942446	S44	942451	50DF			
	8042441	842446	S44	842451	50DF			
		942043	40DF	942053	50DF			15802 / 17107
								815802
		942043	40DF	942053	50DF			
		942043	40DF	942053	50DF			15818 / 1040
		942043	40DF	942053	50DF			
		942043	40DF	942053	50DF			15819 / 1041
		942041	40DF	942051	50DF			15809
	42441	952446	S40	52456				15825
	42441	942446	S44	942451	50DF			15806
	8042441	842446	S44	842451	50DF			
	42441	942446	S44	942451	50DF			
	42441	942446	S44	942451	50DF			
	8042441	842446	S44	842451	50DF			15823
		942041	40DF	942051	50DF			
	42441	942446	S44	942451	50DF			
	8042441	842446	S44	842451	50DF			
		942041	40DF					
		942042	40DF	942052	50DF	952062	60	
		942442	40DF	942452	50DF	952462	60	
		842442	40DF	842452	50DF			
		9424402	40DF	9424502	50DF			
		42583	80					
		842583	80					
		43083	80					
		53083	80					
	42443	942448	S44	52458	S50			

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50BB = 50 Big Block | S50 = Super 50 Series | 60 = 60 Series | 70 = 70 Series | 80 = 80 Series | dBX = dBX Series | OL = Outlaw | PRO = PRO Series | TR = Tuned Resonator

SOUND LEVELS



MODEL - SUBMODEL	YEARS	ENGINE/ OPTIONS	OUTLAW	AMERICAN THUNDER	HURST ELITE	DBX SERIES	FORCE II
PONTIAC							
Firebird / Trans Am							
	95-97	5.7L V8 Dual Cats		17133 2.50" CB DOR 80			
	95-97	3.8L V8 Slip Fit Cat		17357 2.50" CB DOR 80			
	93-95	5.7L V8 3.00" Cat		17143 2.50" CB DOR 80			
				17274 3.00" CB DOR 80			
	93-95	3.4L V6					
	86-91	5.0L, 5.7L V8 2.50" Cat		17234 3.00" CB DOR 80			
		5.0L, 5.7L V8 3.00" Cat		17233 3.00" CB DOR 80			
				817233 3.00" CB DOR 80			
	75-95	5.0L, 5.7L, 6.6L V8					
	82-92	2.8L, 3.1L V6					
	75-81	ALL V8 -Off Road Use		817571 2.50" HB DOS 50DF			
	78-81	4.9L, 5.0L, 6.6L V8 W/ Factory dual pipes					
	70-74	5.0L, 5.4L, 5.7L, 6.5L, 6.6L, 7.0L V8		17149 2.50" HB DOR 50DF			
				817149 2.50" HB DOR 50DF			
	67-74	5.0L, 5.4L, 5.7L, 6.5L, 6.6L, 7.0L V8		17104 Coupe Only 2.50" HB DOR 80			
				817104 Coupe Only 2.50" HB DOR 80			
	69-69	5.0L, 5.4L, 5.7L, 6.5L, 6.6L, 7.0L V8		17139 Coupe Only 2.50" HB DOR S44			
				817139 Coupe Only 2.50" HB DOR S44			
	67-69	5.0L, 5.4L, 5.7L, 6.5L, 6.6L, 7.0L V8		17201 Coupe Only 3.00" HB DOR S40			
	67-68	5.0L, 5.4L, 5.7L, 6.5L, 6.6L, 7.0L V8		17129 Coupe Only 2.50" HB DOS S44			
				817129 Coupe Only 2.50" HB DOS S44			
GTO / LeMans (A-Body)	64-72	5.3L, 5.7L, 6.4L, 6.6L, 7.5L V8		17119 2.50" HB DOR S40			
	68-72	5.3L, 5.7L, 6.4L, 6.6L, 7.5L V8		817409 2.50" HB DOR S40			
	68-72	5.3L, 5.7L, 6.4L, 6.6L, 7.5L V8		17200 3.00" HB DOR S40			

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AB = Axle-back | CB = Cat-back | HB = Header-back | XB = Crossmember-back | Part # Starts with 8 = Stainless Steel
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	ORIGINAL 40	AGGRESSIVE	SERIES	MODERATE	SERIES	MILD	SERIES	TAIL PIPE/ PIPE KITS
8042443		842448	S44					
		42583	80					
		842583	80					
42443		942448	S44	52458	S50			
		42583	80					
		842583	80					
		42583	80					
		842583	80					
		42583	80					
		842583	80					
		42583	80					
		842583	80					
		42583	80					
		842583	80					
		42583	80					
		842583	80					
		942043	40DF	942053	50DF			15801
		942043	40DF	942053	50DF			15801
		42582	80					815801
		42585	80					
		42582	80					15801
		42585	80					815801
		942043	40DF	942053	50DF			15801
								815801
		942043	40DF	942053	50DF			15822 / 1050
		942043	40DF	942053	50DF			15801
								815801
		942043	40DF	942053	50DF			15802 / 17107
								815802
		942043	40DF	942053	50DF			
		942043	40DF	942053	50DF			15818 / 1040

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50BB = 50 Big Block | S50 = Super 50 Series | 60 = 60 Series | 70 = 70 Series | 80 = 80 Series | dBX = dBX Series | OL = Outlaw | PRO = PRO Series | TR = Tuned Resonator

SOUND LEVELS


MODEL - SUBMODEL	YEARS	ENGINE/ OPTIONS	OUTLAW	AMERICAN THUNDER	HURST ELITE	DBX SERIES	FORCE II
PONTIAC							
GTO / LeMans (A-Body)				817200 3.00" HB DOR S40			
	64-67	5.3L, 5.7L, 6.4L, 6.6L, 7.5L V8		817412 2.50" HB DOS S40			
	64-67	5.3L, 5.7L, 6.4L, 6.6L, 7.5L V8		17202 3.00" HB DOS S40			
				87202 3.00" HB DOS S40			
LeMans / Grand Prix	78-88	4.9L, 5.0L V8		817456 2.50" CB DOR S44			
				817457 2.50" HB DOR S44			
	73-77	4.3L, 4.9L, 5.0L, 5.3L, 5.7L, 6.4L, 6.6L, 7.0L, 7.5L V8					
Sunfire	99-02	2.2L, 2.4L L4		817639 2.25" CB SOR 60			
Tempest	64-70	5.3L, 5.7L, 6.4L, 6.6L, 7.0L V8					
PORSCHE							
Boxster-S	00-04	2.7L, 3.2L dual muffler					
SCION							
FR-S	13-14	2.0L		817596 2.50" CB DOR 80			
SUBARU							
BRZ	13-15	2.0L		817596 2.50" CB DOR 80			
Impreza WRX	08-10	2.5L Turbo					
	02-07	2.0L, 2.5L					
	01-04	2.0L H4 Turbo					
Legacy GT, Limited, L	00	2.5L H4					
TOYOTA							
Celica	94-97	1.8L, 2.2L L4					
	86-93	1.6L, 2.0L, 2.2L L4					
	84-85	2.4L L4					
Matrix, XRS	03-07	1.8L L4					
Supra	84-92	2.8L L4 / 3.0L, 3.0L L6 Turbo					
Solara	07	2.4L L4 / 3.3L V6					
VOLKSWAGEN							
Jetta	93-98	2.0L					17268 2.25" CB SOR 50DF

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	ORIGINAL 40	AGGRESSIVE	SERIES	MODERATE	SERIES	MILD	SERIES	TAIL PIPE/ PIPE KITS
								815818
	942043	40DF	942053	50DF				
	942043	40DF	942053	50DF				15819 / 1041
42441	942446	S44	942451	50DF				
8042441	842446	S44	842451	50DF				
	942043	40DF	942053	50DF				
	12014310	dBX						
	12514310	dBX						
	12514310	dBX						
42441	942446	S44						
8042441	842446	S44						
			942051	50DF				
	942041	40DF	942051	50DF				
	942040	40DF	942050	50DF	952060	60		
	942041	40DF	942051	50DF				
	942043	40DF	942053	50DF				
	942041	40DF	942051	50DF				
42441	942441	40DF						
8042441	842441	40DF						

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50BB = 50 Big Block | S50 = Super 50 Series | 60 = 60 Series | 70 = 70 Series | 80 = 80 Series | dBX = dBX Series | OL = Outlaw | PRO = PRO Series | TR = Tuned Resonator

SOUND LEVELS



MODEL - SUBMODEL	YEARS	ENGINE/ OPTIONS	OUTLAW	AMERICAN THUNDER	DBX SERIES	FORCE II
CADILLAC						
Escalade	07-10	6.2L V8 Not EXT/ESV				817635 3.50" CB SOS 50BB
	02-06	6.0L V8 EXT/ESV				
CHEVROLET / GMC						
Avalanche	09-13	5.3L V8				817548 2.50" CB DOS S50
	02-08	5.3L V8		17342 02-05 No Z-71 2.50" CB DOS S50		17341 01-06 3.00" CB SOS 70
				817342 02-05 No Z-71 2.50" CB DOS S50		
Blazer / Jimmy (Full Size)	92-95	5.7L V8		17162 3.00" CB SOS S50		
	87-91	5.7L V8				17161 3.00" CB SOS S50
	80-87	5.0L, 5.7L V8 W/ Factory Dual Tail Pipes				
	80-81	5.0L V8				
	76-78	5.7L, 6.6L V8 W/ Factory Dual Pipes				
	73-79	5.0L, 5.7L, 6.6L, 7.4L V8				
Colorado/ Canyon	04-12	2.8L, 2.9L L4/ 3.5L, 3.7L L5				817549 EC and CC, Not for Sport Suspension 3.00" CB SOS S50
C10 / C20 / C30 / K10 / K20 / K30	81-87	4.3L V6/ 5.0L, 5.7L V8		17742 2WD 2.50" HB DOR/S S44		
	73-80	5.0L, 5.7L, 6.6L, 7.4L V8		17742 2WD 2.50" HB DOR/S S44		
C10 / C15	67-72	V8		17654 2.50" XB DOR/S S44		
				817654 2.50" XB DOR/S S44		
Silverado / Sierra 1500	14-16	4.3L V6, 5.3L V8	817689 5.3L DC/CC 3.00" CB DOS S10	817669 5.3L DC/CC 2.50" CB DOR S40		817666 5.3L DC/CC 2.50" CB DOR S50
						817672 3.00" CB SOS S50
	09-13	5.3L V8, Flex Fuel, EC/6.5" bed, CC/5.5" bed	817688 5.3L DC/CC 3.00" CB DOR/S S10			817492 2.50" CB DOR/S S50
			817706 5.3L DC/CC 3.00" CB SOD OL			817523 3.00" CB SOS S50
	11-17	6.2L V8 CC/SB, EC/SB (143")		817602 2.50" CB DOR/S 50HD		817603 3.50" CB SOS 50BB
	07-13	5.3L V8 Flex Fuel, 4.8L(07-08), EC and CC models only		817680 2.50" CB DOR/S S40		
	09-13	4.8L V8, EC/SB, CC/SB				817573 2.50" CB DOR/S S50
	07-08	4.8L, 5.3L V8, Flex Fuel, All WB Except EC/LB				817492 2.50" CB DOR/S S50
						817523 3.00" CB SOR S50

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AB = Axle-back | CB = Cat-back | HB = Header-back | XB = Crossmember-back | DPF = DPF-back | DPB = Downpipe-back | TB = Turbo-back

Part # Starts with 8 = Stainless Steel | DOR = Dual Out Rear | DOS = Dual Out Side | DOSS = Dual Out Same Side | SOR = Single Out Rear | SOS = Single Out Side | DOD = Dual Out Dumps

SC = Standard Cab | DC = Double Cab | CC = Crew Cab | EC = Extended Cab | SB = Short Bed | LB = Long Bed | WB = Wheel Base

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	ORIGINAL 40	AGGRESSIVE	SERIES	MODERATE	SERIES	MILD	SERIES	TAIL PIPE/ PIPE KITS
						530513	50BB	
		953047	S40	53057	S50	53072	70	
				853057	S50	853072	70	
		953047	S40	53057	S50	53072	70	
				853057	S50	853072	70	
43043	953048	S40	53058	S50	53073	70		
	853048	S40			853073	70		
43041	953046	S40	53056	S50	53071	70		
430402	9425402	40DF	9425502	50DF	853071	70		
42543	952548	S40	52558	S50	52573	70		
	852548	S40	852558	S50				
42443	942448	S44	52458	S50				
8042443	842448	S44						
42543	952548	S40	52558	S50	52573	70		
	852548	S40	852558	S50				
	942547	S44	52557	S50				
	9425402	40DF	9425502	50DF			15803	
42543	952548	S40	52558	S50	52573	70	15803	
8042543	852548	S40						
							81072	
8043041	853046	S40	53056	S50	853071	70		
	953047	S40	53057	S50	53072	70		
			853057	S50	853072	70		
	953047	S40	53057	S50	53072	70		
			853057	S50	853072	70		

S10 = Super 10 Series | 40 = Original 40 Series | 40DF = 40 Series Delta Flow | S44 = Super 44 Series | S40 = Super 40 Series | 50DF = 50 Series Delta Flow | 50HD = 50 Series Heavy Duty
 50BB = 50 Big Block | S50 = Super 50 Series | 60 = 60 Series | 70 = 70 Series | 80 = 80 Series | dBX = dBX Series | OL = Outlaw | PRO = PRO Series
 TR = Tuned Resonator | PC = Power Chamber

SOUND LEVELS



MODEL - SUBMODEL	YEARS	ENGINE/ OPTIONS	OUTLAW	AMERICAN THUNDER	DBX SERIES	FORCE II
CHEVROLET / GMC						
Silverado / Sierra 1500	07-08	4.8L, 5.3L V8, EC/LB Only, Non HD		17439 3.00" CB DOR/S S50		
	04-06	4.8L, 5.3L V8 CC/5.5" bed, Non HD		17436 2.50" CB DOR/S S50		
				817436 2.50" CB DOR/S S50		
Silverado / Sierra 1500 (Classic 2007)	99-06	4.3L V6				
	99-06	4.8L, 5.3L V8 SC/SB		17435 2.50" CB DOR/S S50		17360 & 4.3L 3.00" CB SOS S50
				817435 2.50" CB DOR/S S50		
				17392 2.50" CB DOSS S40		
	99-06	4.8L, 5.3L V8 EC/SB		17428 2.50" CB DOR/S S40		
				817428 2.50" CB DOR/S S40		17362 & 4.3L 3.00" CB SOS S50
				17395 2.50" CB DOSS S40		
				817395 2.50" CB DOSS S40		
	99-06	4.8L, 5.3L V8 SC/LB				17361 & 4.3L 3.00" CB SOS S50
Silverado / Sierra 1500	01-03	6.0L V8 HD, CC/SB		17350 3.50" CB SOS 50BB		
	03	6.0L V8, SS				
	96-99	4.3L V6, 5.0L V8				
	96-99	5.7L V8 SC/SB, W/ Dual Cats		17468 2.50" CB DOR/S 70		
	96-99	5.7L V8 EC/SB, W/ Dual Cats		17470 2.50" CB DOR/S 70		
				817470 2.50" CB DOR/S 70		
				17287 3.00" CB SOS 70		
	93-95	5.0L, 5.7L V8, EC/SB, 4WD, Flanged Cat		17473 2.50" CB DOR/S S40		17147 3.00" CB SOS 70
				817473 2.50" CB DOR/S S40		
	88-93	4.3L V6 / 5.0L V8				
Silverado / Sierra 1500/2500	88-92	5.7L V8, SC/SB, Slip-Fit Cat				17125 3.00" CB SOS 70
	88-92	5.7L V8, SC/LB, Slip-Fit Cat				17126 3.00" CB SOS 70
Silverado / Sierra 2500/3500 HD	11-16	6.0L V8 HD, CC/SB		817541 4.00" CB DOR/S 50HD		817451 3.50" CB SOS 50BB

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AB = Axle-back | CB = Cat-back | HB = Header-back | XB = Crossmember-back | DPF = DPF-back | DPB = Downpipe-back | TB = Turbo-back

Part # Starts with 8 = Stainless Steel | DOR = Dual Out Rear | DOS = Dual Out Side | DOSS = Dual Out Same Side | SOR = Single Out Rear | SOS = Single Out Side | DOD = Dual Out Dumps

SC = Standard Cab | DC = Double Cab | CC = Crew Cab | EC = Extended Cab | SB = Short Bed | LB = Long Bed | WB = Wheel Base

MUFFLERS

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	ORIGINAL 40	AGGRESSIVE	SERIES	MODERATE	SERIES	MILD	SERIES	TAIL PIPE/ PIPE KITS
		953047	S40	53057	S50	53072	70	
				853057	S50	853072	70	
		953047	S40	53057	S50	53072	70	
				853057	S50	853072	70	
		953047	S40	53057	S50	53072	70	
		953047	S40	53057	S50	53072	70	
				853057	S50	853072	70	
		953047	S40	53057	S50	53072	70	
				853057	S50	853072	70	
		953047	S40	53057	S50	53072	70	
				853057	S50	853072	70	
		953047	S40	53057	S50	53072	70	
				853057	S50	853072	70	
						530504	50BB	
						530513	50BB	
						530504	50BB	
						530513	50BB	
43043	953048	S40	53058	S50	53073	70	15811	
8043043	853048	S40			853073	70		
			524553	S50	524703	70	15811	
			524553	S50	524703	70	15811	
43043	953048	S40	53058	S50	53073	70	15811	
8043043	853048	S40			853073	70		
42543	952548	S40	52558	S50	52573	70	15811	
8042543	852548	S40	852558	S50				
430402	9530452	S40	530552	S50	530702	70	15811	
80430402	8530452	S40	8530552	S50	8530702	70		
430402	9530452	S40	530552	S50	530702	70	15811	
80430402	8530452	S40	8530552	S50	8530702	70		

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S10 = Super 10 Series | 40 = Original 40 Series | 40DF = 40 Series Delta Flow | S44 = Super 44 Series | S40 = Super 40 Series | 50DF = 50 Series Delta Flow | 50HD = 50 Series Heavy Duty
 50BB = 50 Big Block | S50 = Super 50 Series | 60 = 60 Series | 70 = 70 Series | 80 = 80 Series | dBX = dBX Series | OL = Outlaw | PRO = PRO Series
 TR = Tuned Resonator | PC = Power Chamber

SOUND LEVELS



MODEL - SUBMODEL	YEARS	ENGINE/ OPTIONS	OUTLAW	AMERICAN THUNDER	DBX SERIES	FORCE II
CHEVROLET/GMC						
Silverado / Sierra 2500/3500 HD	11-15	6.0L V8, EC/SB				817640 3.50" CB SOS 50BB
	07-10	6.0L V8 HD, CC/SB				
	11-15	6.6L V8 Turbo Diesel				817620 4.00" DPF SOS None
						817648 Not SC/LB 4.00" DPF SOS None
	07-10	6.6L V8 Turbo Diesel DPF Equipped				817617 CC/SB, EC/LB 4.00" DPF SOS OL
						817642 4.00" DPF DOS PC
	01-06	6.6L V8 Turbo Diesel		17349 4.00" DPB SOS 50HD		817542 Not SC/LB 4.00" DPB SOS PRO
						817643 Not SC/LB 4.00" DPB DOS PC
	01-04	6.0L, 8.1L V8, HD, EC & CC Only		17328 3.50" CB SOS 50BB		
				817328 3.50" CB SOS 50BB		
Silverado / Sierra 2500 Non-HD	99-02	6.0L V8 EC/SB		17325 3.00" CB SOS 50BB		
Silverado / Sierra 2500/3500 HD	96-99	5.7L HD, 7.4L V8 SC/LB				
		5.7L HD, 7.4L V8 EC/LB		17224 3.00" CB SOS 50BB		
Silverado / Sierra 2500, 3500	95-00	6.5L V8 Turbo Diesel				
Suburban C10 / K10 SSR	73-86	6.2L V8 Diesel				
	03-05	5.3L, 6.0L V8				
S10 Truck / Blazer	98-02	2.2L L4 / 4.3L V6				
	83-97	1.9L, 2.0L, 2.2L, 2.5L L4 / 2.8L, 4.3L V6				
Suburban/Yukon XL, Avalanche 1500 LS, LT, Z71	09-14	5.3L V8				817548 2.50" CB DOS S50
	00-08	5.3L V8		17342 01-06, Not Z71 2.50" CB DOS S50		17341 01-06 3.00" CB SOS 70
				817342 01-06, Not Z71 2.50" CB DOS S50		
Suburban C/K 1500	96-99	5.7L V8				17122 3.00" CB SOS 50BB
	94-95	5.7L V8				
Suburban C10 / K10	87-91	5.0L, 5.7L, 7.4L V8				
	73-86	4.1L, 4.8L L6/ 5.0L, 5.7L, 7.4L V8				
Tahoe / Yukon	15-16	5.3L V8				817704 3.00" CB SOS S50

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SC = Standard Cab | DC = Double Cab | CC = Crew Cab | EC = Extended Cab | SB = Short Bed | LB = Long Bed | WB = Wheel Base

MUFFLERS

FLOWMASTER

	ORIGINAL 40	AGGRESSIVE	SERIES	MODERATE	SERIES	MILD	SERIES	TAIL PIPE/ PIPE KITS
				953558	50HD			
		953558	50HD	13516100	PRO			
						530513	50BB	15131
						530504	50BB	
				524553	S50	524703	70	
				524553	S50	524703	70	
				524553	S50	524703	70	
		953048	S40	53058	S50	53073	70	17220 (95-98)
		853048	S40			853073	70	
		952448	S40	52458	S50	52573	70	
8043043		953048	S40	53058	S50	53073	70	
		853048	S40			853073	70	
		9530462	S40	530562	S50			
8042541		942546	40DF	942551	50DF			
		842546	S44	842551	50DF			
42441		942446	S44	942451	50DF			
8042441		842446	S44	842451	50DF			
		953047	S40	53057	S50	53072	70	
				853057	S50	853072	70	
		953047	S40	53057	S50	53072	70	
				853057	S50	853072	70	
				524553	S50	524703	70	
		953045	S40	53055	S50	53070	70	
						853070	70	
43041		953046	S40	53056	S50	53071	70	
		853046	S40			853071	70	
42443		952448	S40	52458	S50	52573	70	

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 50BB = 50 Big Block | S50 = Super 50 Series | 60 = 60 Series | 70 = 70 Series | 80 = 80 Series | dBX = dBX Series | OL = Outlaw | PRO = PRO Series
 TR = Tuned Resonator | PC = Power Chamber

SOUND LEVELS



MODEL - SUBMODEL	YEARS	ENGINE/ OPTIONS	OUTLAW	AMERICAN THUNDER	DBX SERIES	FORCE II
CHEVROLET/GMC						
Tahoe / Yukon	09-14	5.3L V8				817554 2.50" CB DOS S50
	07-08	4.8L , 5.3L V8		17430 3.00" CB DOS S50		
	04-06	4.8L , 5.3L V8		17419 Not Z71 3.00" CB DOS S50		
	00-06	4.8L , 5.3L V8		17368 00-03 3.00" CB DOS S50		17344 3.00" CB SOS 50BB 817344 3.00" CB SOS 50BB
	98-99	5.7L V8 Single Inlet				
	96-99	5.7L V8 Dual Inlet				17165 2DR 3.00" CB SOS 50BB 17166 4DR 3.00" CB SOS 50BB 817166 4DR 3.00" CB SOS 50BB
	95	5.7L V8				17164 4DR 3.00" CB SOS 50BB
Yukon - Denali	07-10	6.2L V8, Not XL				817635 3.50" CB SOS 50BB
DODGE / RAM						
D150 / D250 / W150	93	3.9L V6 / 5.2L, 5.9L V8				
D250 / D350 / W250 / W350	89-93	5.9L L6 Turbo Diesel				
D100 / D150 / D250 / D300 / D350 / W100 / W150 / W250 / W350	79-92	3.9L V6 / 5.2L, 5.9L V8				
Dakota	08-10	4.7L V8				17458 2.50" CB SOS S50
	05-08	4.7L V8 (2.50" Cat Only)				17415 2.50" CB DOR S50
	05-10	3.7L V6				17458 2.50" CB SOS S50
	05-08	3.7L V6				17415 2.50" CB DOR S50
	02-07	4.7L V8				
	00-03	All V8				17278 3.00" CB SOS S50
	97-99	5.2L, 5.9L V8				17173 3.00" CB SOS S50
	97-03	3.9L V6				

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SC = Standard Cab | DC = Double Cab | CC = Crew Cab | EC = Extended Cab | SB = Short Bed | LB = Long Bed | WB = Wheel Base

MUFFLERS

FLOWMASTER

	ORIGINAL 40	AGGRESSIVE	SERIES	MODERATE	SERIES	MILD	SERIES	TAIL PIPE/ PIPE KITS
		953047	S40	53057	S50	53072	70	
				853057	S50	853072	70	
		953047	S40	53057	S50	53072	70	
				853057	S50	853072	70	
		953047	S40	53057	S50	53072	70	
				853057	S50	853072	70	
		953047	S40	53057	S50	53072	70	
				853057	S50	853072	70	
43043	953048	S40	53058	S50				
	853048	S40						
			524553	S50	524703	70		
43043	953048	S40	53058	S50	53073	70		
					853073	70		
	952547	S40	52557	S50	52572	70		
	953048	S40	53058	S50	53073	70		
	853048	S40			853073	70		
42541	952546	S40	52556	S50	52571	70		
8042541	852546		852556	S50				
8043043	843048	S44	843053	50DF				
42543	952548	S40	52558	S50	52573	70		
8042543	852548	S40	852558	S50				
42543	952548	S40	52558	S50	52573	70		
8042543	852548	S40	852558	S50				
42543	952548	S40	52558	S50	52573	70		
8042543	852548	S40	852558	S50				
42543	952548	S40	52558	S50	52573	70		
8042543	852548	S40	852558	S50				
	952547	S40	52557	S50	52572	70		
42543	952548	S40	52558	S50	52573	70		
8042543			852558	S50				
42543	952548	S40	52558	S50	52573	70		

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S10 = Super 10 Series | 40 = Original 40 Series | 40DF = 40 Series Delta Flow | S44 = Super 44 Series | S40 = Super 40 Series | 50DF = 50 Series Delta Flow | 50HD = 50 Series Heavy Duty
50BB = 50 Big Block | S50 = Super 50 Series | 60 = 60 Series | 70 = 70 Series | 80 = 80 Series | dBX = dBX Series | OL = Outlaw | PRO = PRO Series
TR = Tuned Resonator | PC = Power Chamber

SOUND LEVELS



MODEL - SUBMODEL	YEARS	ENGINE/ OPTIONS	OUTLAW	AMERICAN THUNDER	DBX SERIES	FORCE II
DODGE / RAM						
Dakota						
	94-96	5.2L V8				
	92-93	5.2L V8				
	92-96	3.9L V6				
	90-91	3.9L V6				
	90-91	5.2L V8				
	87-89	3.9L V6				
Durango R/T	11-15	5.7L V8				817651 2.50" CB DOR 60
Durango / Aspen	04-09	4.7L, 5.7L V8		817400 04-07 2.50" CB DOSS 70		
	98-03	3.9L V6/ 4.7L, 5.2L, 5.9L V8		17208 V8 2.50" CB SOR 70		
Ram 1500	09-16	5.7L W/ Factory dual out	817690 3.00" CB DOR/S S10	817477 3.00" CB DOR 50HD		
			817633 Direct Fit Muffler OL	817568 Direct Fit Muffler 50HD		
	09-15	4.7L, 5.7L V8	817690 3.00" CB DOR/S S10	817490 2.50" CB DOR/S 50HD		
	13-16	3.6L V6				817653 2.25" CB DOR/S 70
	07-10	3.7L V6				
	03-10	5.7L V8	817705 06-08 3.00" CB DOR/S S10	17423 06-08 2.50" CB DOR/S 50HD		
Ram 1500	03-10			817423 06-08 2.50" CB DOR/S 50HD		
				17397 04-05 2.50" CB DOR/S 50HD		
				817397 04-05 2.50" CB DOR/S 50HD		
				17398 04-05 2WD 2.50" CB DOSS S40		
				817513 04-05 3.00" CB DOSS 50HD		
				17375 2003 2.50" CB DOR/S 50HD		
	05-08	5.7L V8 Mega Cab		17438 2.50" CB DOR/S 50HD		
	06-08	4.7L V8		17424 2.50" CB DOR/S S50		
				817424 2.50" CB DOR/S S50		
	94-05	3.7L, 3.9L V6/ 4.7L, 5.2L, 5.9L V8		17476 02-05 V8 2.50" CB DOR/S S50		
				817476 02-05 V8 2.50" CB DOR/S S50		
				17171 94-01 V8 2.50" CB DOR S50		

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AB = Axle-back | CB = Cat-back | HB = Header-back | XB = Crossmember-back | DPF = DPF-back | DPB = Downpipe-back | TB = Turbo-back

Part # Starts with 8 = Stainless Steel | DOR = Dual Out Rear | DOS = Dual Out Side | DOSS = Dual Out Same Side | SOR = Single Out Rear | SOS = Single Out Side | DOD = Dual out Dumps

SC = Standard Cab | DC = Double Cab | CC = Crew Cab | EC = Extended Cab | SB = Short Bed | LB = Long Bed | WB = Wheel Base

MUFFLERS

FLOWMASTER

	ORIGINAL 40	AGGRESSIVE	SERIES	MODERATE	SERIES	MILD	SERIES	TAIL PIPE/ PIPE KITS
8042543	852548	S40	852558	S50				
	952547	S40	52557	S50	52572	70		
	953047	S40	53057	S50	53072	70		
	952547	S40	52557	S50	52572	70		
42541	952546	S40	52556	S50	52571	70		
8042541	852546	S40						
42541	952546	S40	52556	S50	52571	70		
8042541	852546	S40						
	942041	40DF	942051	50DF				
43043	953048	S40	53058	S50	53073	70		
	853048	S40			853073	70		
	952547	S40	52557	S50	52572	70		
	9530452	S40	817568 (Direct Fit Muffler)	50HD				
	8530452	S40	9530572	50HD				
	953046	S40	9530560	50HD				
	853046	S40	8530560	50HD				
43043	953048	S40	53058	S50				
8043043	853048	S40						
	953046	S40	9530560	50HD				
	853046	S40	8530560	50HD				
	953046	S40	9530560	50HD				
	853046	S40	8530560	50HD				
	952547	S40	52557	S50	52572	70		

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 50BB = 50 Big Block | S50 = Super 50 Series | 60 = 60 Series | 70 = 70 Series | 80 = 80 Series | dBX = dBX Series | OL = Outlaw | PRO = PRO Series
 TR = Tuned Resonator | PC = Power Chamber

SOUND LEVELS



MODEL - SUBMODEL	YEARS	ENGINE/ OPTIONS	OUTLAW	AMERICAN THUNDER	DBX SERIES	FORCE II
DODGE / RAM						
Ram 1500				17429 94-01 V8 2.50" CB DOR/S S50		
	94-98	8.0L V10				
Ram 1500 / 2500	98-01	5.2L, 5.9L V8				17178 3.00" CB SOS 70
						817178 3.00" CB SOS 70
	94-97	5.2L, 5.9L V8				
Ram 2500	14-16	5.7L V8		817699 CC 2.50" CB DOR/S 50HD		
	14-16	6.4L V8		817709 3.00" CB DOR 50HD		
Ram 2500 / 3500	2013	5.7L V8		817647 2.50" CB DOR/S 50HD		
	03-12	5.7L V8		817507 2.50" CB DOR/S 50HD		
	03-08	5.7L V8		17438 2.50" CB DOR/S 50HD		
Ram 2500, 3500	13-14	6.7L Turbo Diesel, CC/SB				817712 4.00" DPF SOS None
	2013	6.7L Turbo Diesel, Mega Cab				817641 4.00" AB SOS None
	07-12	6.7L Turbo Diesel				817621 4.00" AB SOS OL
	97-07	5.9L, L6 Turbo Diesel			19101 03-07 4.00" AB SOS PRO	
	94-96	5.9L L6 Turbo Diesel				
FORD						
Bronco (Full Size)	87-96	5.0L, 5.8L V8				17132 2.25" CB SOS S50
	85-91	5.8L V8 EFI/ 4BBL				
Escape	01-04	3.0L V6				
Excursion	00-05	5.4L V8/ 6.8L V10				
	00-05	6.0L, 7.3L V8 Turbo Diesel				
Expedition/Navigator	03-10	5.4L V8				17411 03-06 3.00" CB SOS 50BB
	97-02	4.6L, 5.4L V8				17385 98-02 3.00" CB SOS 70
Explorer/Mountaineer	06-10	4.0L V6				
	02-05	4.0L V6, 4.6L V8				

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MUFFLERS

FLOWMASTER

							
ORIGINAL 40	AGGRESSIVE	SERIES	MODERATE	SERIES	MILD	SERIES	TAIL PIPE/ PIPE KITS
			524553	S50	524703	70	
	952547	S40	52557	S50	52572	70	
	952547	S40	52557	S50	52572	70	
	853046	S40	8530560	50HD			
	953046	S40	9530560	50HD			
	853046	S40	8530560	50HD			
	953046	S40	9530560	50HD			
	853046	S40	8530560	50HD			
			954056	50HD			
			14020100	PRO			
	953046	S40	9530560	50HD	53071	70	
	853046	S40	8530560	50HD	853071	70	
42443	942448	S40	52458	S50			
430402	9424402	40DF	524552	S50			
80430402			9424502	50DF			
	952545	S40	52555	S50	52570	70	
43043	953048	S40	53058	S50	53073	70	
8043043	853048	S40			853073	70	
	953048	S40	53058	S50	53073	70	
	853048	S40			853073	70	
43041	953046	S40	53056	S50	53071	70	
8043041	853046	S40			853071	70	
42543	942548	S44	52558	S50	52573	70	
8042543	842548	S44	852558	S50			
42441	942441	40DF	942451	50DF			
8042441	842441	40DF	842451	50DF			
	942547	S44	52557	S50	52572	70	

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S10 = Super 10 Series | 40 = Original 40 Series | 40DF = 40 Series Delta Flow | S44 = Super 44 Series | S40 = Super 40 Series | 50DF = 50 Series Delta Flow | 50HD = 50 Series Heavy Duty
 50BB = 50 Big Block | S50 = Super 50 Series | 60 = 60 Series | 70 = 70 Series | 80 = 80 Series | dBX = dBX Series | OL = Outlaw | PRO = PRO Series
 TR = Tuned Resonator | PC = Power Chamber

SOUND LEVELS



MODEL - SUBMODEL	YEARS	ENGINE/ OPTIONS	OUTLAW	AMERICAN THUNDER	DBX SERIES	FORCE II
FORD						
Explorer/Mountain-eer	00-01	5.0L V8 Dual Inlet				
	96-01	4.0L V6 SOHC/ 5.0L V8				
	93-01	4.0L V6 OHV				
	91-92	4.0L V6				
F-150	15-16	2.3L EcoBoost, 3.7L V6, 5.0L V8	817726 3.00" CB DOR/S S10	817725 2.50" CB DOR/S S40		817727 3.00" CB SOS 70
	11-14	3.5L V6 Ecoboost				817539 2.50" CB DOR/S PRO
	09-14	4.6L, 5.0L, 5.4L V8	817691 3.00" CB DOR/S S10	817522 2.50" CB DOR/S S40		817478 3.00" CB DOR/S S50
			817707 3.00" CB SOD OL	817567 3.50" CB SOS 50HD		817509 3.00" CB SOS S50
	11-14	6.2L V8, Including Raptor		817551 3.50" CB SOS S50		
	10	5.4L V8 Raptor		817567 3.50" CB SOS 50HD		
	04-08	4.2L V6/ 4.6L, 5.4L V8	817696 v8 3.00" CB DOR/S S10	17417 2.50" CB DOR/S S40		17418 2.50" CB DOR/S S50
				817417 2.50" CB DOR/S S40		817418 2.50" CB DOR/S S50
						17403 3.00" CB SOS S50
						17403 3.00" CB SOS S50
	98-03	4.2L V6/ 4.6L, 5.4L V8		817663 v8 2.50" CB DOR/S S40		17472 2.50" CB DOR/S S50
						817472 2.50" CB DOR/S S50
F-150 Lightning / Harley	99-04	5.4L Supercharged		17367 Lightning 2.50" CB DOSS 50HD		
	97	4.6L, 5.4L V8				
F-150	87-96	4.9L, 5.0L, 5.8L V8		17471 2.50" CB DOR/S S50		17135 3.00" CB SOS 70
				817471 2.50" CB DOR/S S50		
		W/ Factory dual tailpipes				
	75-86	4.9L, 5.0L, 5.8L, 6.6L, 5.9L, 6.4L, 7.5L V8				
F-250 / F-350	14-16	6.2L V8				817701 3.00" CB DOR/S 50HD
	08-13	5.4L, 6.2L V8/6.8L V10				817505 3.00" CB DOR/S 50HD
						17446 08-10 3.00" CB SOS 70
						817446 08-10 3.00" CB SOS 70
	05-07	5.4L V8 / 6.8L V10				17422 3.00" CB SOS 70
						817422 3.00" CB SOS 70

Continued next page

AB = Axle-back | CB = Cat-back | HB = Header-back | XB = Crossmember-back | DPF = DPF-back | DPB = Downpipe-back | TB = Turbo-back

Part # Starts with 8 = Stainless Steel | DOR = Dual Out Rear | DOS = Dual Out Side | DOSS = Dual Out Same Side | SOR = Single Out Rear | SOS = Single Out Side | DOD = Dual Out Dumps

SC = Standard Cab | DC = Double Cab | CC = Crew Cab | EC = Extended Cab | SB = Short Bed | LB = Long Bed | WB = Wheel Base

MUFFLERS

FLOWMASTER

							
ORIGINAL 40	AGGRESSIVE	SERIES	MODERATE	SERIES	MILD	SERIES	TAIL PIPE/ PIPE KITS
			524553	S50	524703	70	
			524553	S50	524703	70	
			8524553	S50			
	942041	40DF	942051	50DF			
42441	942441	40DF	942451	50DF			
8042441	842441	40DF	842451	50DF			
			53055	S50			
	953049	S40			53074	70	
	9530462	S40	9530582	50HD			
42543	942548	S44	52558	S50	52573	70	
8042543	842548	S44	852558	S50			
42543	942548	S44	52558	S50	52573	70	
8042543	842548	S44	852558	S50			
	8525554	50HD					
42543	942548	S44	52558	S50	52573	70	
8042543	842548	S44	852558	S50			
	942445	40DF	52455	S50			
	9424402	40DF	9424502	50DF	524552	S50	
42441	942446	S44	52456	S50			
8042441	842446	S44					
			953558	50HD			
			8530580	50HD			
43043	953048	S40	53058	S50	53073	70	
8043043	853048	S40			853073	70	

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S10 = Super 10 Series | 40 = Original 40 Series | 40DF = 40 Series Delta Flow | S44 = Super 44 Series | S40 = Super 40 Series | 50DF = 50 Series Delta Flow | 50HD = 50 Series Heavy Duty
 50BB = 50 Big Block | S50 = Super 50 Series | 60 = 60 Series | 70 = 70 Series | 80 = 80 Series | dBX = dBX Series | OL = Outlaw | PRO = PRO Series
 TR = Tuned Resonator | PC = Power Chamber

SOUND LEVELS



MODEL - SUBMODEL	YEARS	ENGINE/ OPTIONS	OUTLAW	AMERICAN THUNDER	DBX SERIES	FORCE II
FORD						
F-250 / F-350	11-14	6.7L, Turbo Diesel				817619 4.00" DPF SOS None
						817644 4.00" DPF SOS PC
	08-10	6.4L Turbo Diesel				817616 4.00" DPF SOS OL
						817646 4.00" DPF DOS PC
	99-07	6.0L, 7.3L V8 Turbo Diesel				
	03-07	6.0L V8 Turbo Diesel				817546 4.00" TB SOS PRO
	99-04	5.4L V8 / 6.8L V10				17345 3.00" CB SOS 70
						817345 3.00" CB SOS 70
						17229 LB 3.00" CB SOS 70
	99-03	7.3L V8 Turbo Diesel				
	94-99	7.3L V8 Turbo Diesel				
	94-98	5.4L, 7.3L V8				17211 94-97 3.00" CB SOS 70
	88-95	7.5L V8				17198 87-93 2.50" CB SOS 70
Ranger	07-10	2.3L L4/ 3.0L, 4.0L V6				
	98-09	3.0L, 4.0L V6 Extra cab 2 door		817529 No Edge/Sport 2.50" CB DOR S50		
	83-06	2.0L, 2.2L, 2.3L, 2.5L, L4 / 2.8L, 2.9L, 3.0L, 4.0L V6				
HONDA						
Ridgeline	06-12	3.5L V6			817610 2.25" CB SOR dBX	
HUMMER						
H2/ SUT	03-06	6.0L V8				
JEEP						
Cherokee	14-16	3.2L				817711 3.00" AB DOR 80
	96-00	2.5L L4, 4.0L L6				817527 2.25" CB SOR 60
	84-98	2.5L L4/ 2.8L, 4.0L L6				
CJ5 / CJ7	79-86	2.5L L4				
	79-86	4.2L V6/ 5.0L V8				
Grand Cherokee	2014	5.7L V8				817649 2.50" CB DOR S50
	12-14	6.4L V8, SRT8				817600 3.00" AB DOR OL
	11-13	5.7L V8				817575 2.50" AB DOR S50
	05-10	5.7L V8				

Continued next page

AB = Axle-back | CB = Cat-back | HB = Header-back | XB = Crossmember-back | DPF = DPF-back | DPB = Downpipe-back | TB = Turbo-back

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TR = Tuned Resonator | **PC** = Power Chamber

SOUND LEVELS



MODEL - SUBMODEL	YEARS	ENGINE/ OPTIONS	OUTLAW	AMERICAN THUNDER	DBX SERIES	FORCE II
JEEP						
Grand Cherokee	99-04	4.0L L6, 4.7L V8		817558 2.50" CB SOR S50		
	93-98	5.2L, 5.9L V8				
	93-97	4.0L L6, 5.2L V8		17142 2.50" CB SOS S50		
Wrangler	07-16	3.6L, 3.8L V6	817752 2.50" AB DOR OL	817674 2.50" CB SOR HP2		817514 2.50" CB SOR S50
	12-15	3.6L V6				817693 2.50" AB SOR S50
						817729 2.50" AB DOR 80
	07-11	3.8L V6				817437 2.50" AB SOR S50
						817738 2.50" AB DOR 80
	00-06	4.0L L6				817491 2.50" CB SOR 60
	97-99	2.5L L4/ 4.0L V6				817493 2.50" CB SOR 60
	91-95	4.0L L6				17272 2.25" CB SOR 60
	87-95	2.5L L4/ 4.0L, 4.2L V6				
NISSAN						
Armada	05-07	5.6L V8				
Pathfinder Armada	04-06	5.6L V8				
Frontier	05-12	4.0L V6				
Pickup	86-97	2.4L L4/ 3.0L V6				
Titan	04-14	5.6L V8		817485 2.50" CB DOR/S 70		
				817533 3.00" CB SOS 70		
	04-08	5.6L V8		17406 2.50" CB DOR/S 70		
TOYOTA						
4Runner	03-08	4.0L V6, 4.7L V8				
FJ Cruiser	07-14	4.0L V6, 2WD/4WD				
Pickup	86-97	2.4L L4				
Tacoma	2016	3.5L V6 (Not X-Runner/Standard Cab)		817719 2.50" CB DOS S50		
	13-15	4.0L V6 (Not X-Runner/Standard Cab)		817614 2.50" CB DOS S50		817615 3.00" CB SOS dBX
	05-12	4.0L V6 (Not X-Runner/Standard Cab)		17432 2.50" CB DOS S50	819144 3.00" CB SOS dBX	
				817432 2.50" CB DOS S50		
	96-04	3.4L, 4.0L V6		817519 00-04 3.4L 2.50" CB SOS S50		
	01-05	2.4L, 2.7L L4		817519 00-04 2.7L 2.50" CB DOS S50		

Continued next page

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MUFFLERS

FLOWMASTER

							
ORIGINAL 40	AGGRESSIVE	SERIES	MODERATE	SERIES	MILD	SERIES	TAIL PIPE/ PIPE KITS
			52557	S50			
	942447	S44	52457	S50			
	942447	S44	52457	S50			
			52556	S50			
			952462	60			
	942447	S44	952462	60			
	942447	S44	952462	60			
	942447	S44	942452	50DF			
	942442	40DF	952462	60			
42541	952546	S40	52556	S50	52571	70	
8042541	852546	S40	852556	S50			
42541	952546	S40	52556	S50	52571	70	
8042541	852546	S40	852556	S50			
			852558	S50			
	942041	40DF	942051	50DF			
			524553	S50	524703	70	
			524553	S50	524703	70	
			52557	S50	52572	70	
			52557	S50			
	942041	40DF	942051	50DF			
			52557	S50			
	952445	S40	52455	S50			
	842440	40DF	842450	50DF			
	952445	S40	52455	S50			
	842440	40DF	842450	50DF			

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S10 = Super 10 Series | 40 = Original 40 Series | 40DF = 40 Series Delta Flow | S44 = Super 44 Series | S40 = Super 40 Series | 50DF = 50 Series Delta Flow | 50HD = 50 Series Heavy Duty
 50BB = 50 Big Block | S50 = Super 50 Series | 60 = 60 Series | 70 = 70 Series | 80 = 80 Series | dBX = dBX Series | OL = Outlaw | PRO = PRO Series
 TR = Tuned Resonator | PC = Power Chamber

SOUND LEVELS



MODEL - SUBMODEL	YEARS	ENGINE/ OPTIONS	OUTLAW	AMERICAN THUNDER	DBX SERIES	FORCE II
TOYOTA						
Tacoma	96-00	2.4L, 2.7L L4				
Tundra	09-16	4.6L, 5.7L V8 (09 models after 8/08)	817692 3.00" CB DOR/S S10	817664 2.50" CB DOR/S S40		817486 2.50" CB DOR/S 50BB
			817708 3.00" CB SOD OL			
	07-09	5.7L V8 (09 models before 8/08)		17443 2.50" CB DOR/S 50BB		
	00-06	3.4L, 4.0L V6, 4.7L V8		17425 4.7L 2.50" CB DOR/S S50		
				817425 4.7L 2.50" CB DOR/S S50		

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MUFFLERS

FLOWMASTER

							
ORIGINAL 40	AGGRESSIVE	SERIES	MODERATE	SERIES	MILD	SERIES	TAIL PIPE/ PIPE KITS
	942040	40DF	942050	50DF			
			524533	S50			
			8524533	S50			
42541	952546	S40	52556	S50	52571	70	
8042541	842546	S44	852556	S50			

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INFO

S10 = Super 10 Series | **40** = Original 40 Series | **40DF** = 40 Series Delta Flow | **S44** = Super 44 Series | **S40** = Super 40 Series | **50DF** = 50 Series Delta Flow | **50HD** = 50 Series Heavy Duty
50BB = 50 Big Block | **S50** = Super 50 Series | **60** = 60 Series | **70** = 70 Series | **80** = 80 Series | **dBX** = dBX Series | **OL** = Outlaw | **PRO** = PRO Series
TR = Tuned Resonator | **PC** = Power Chamber



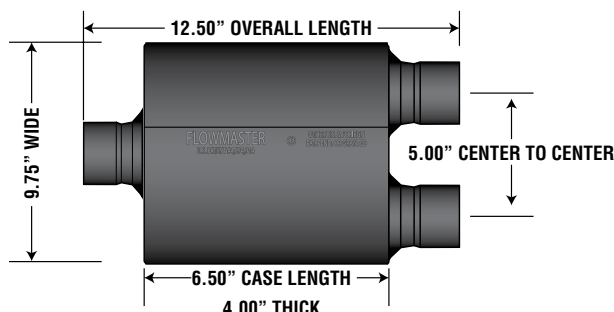
SUPER 10

DELTA FLOW

AGGRESSIVE
EXTERIOR SOUND LEVEL

NOTICEABLE
INTERIOR RESONANCE

Looking for the most aggressive-sounding Flowmaster muffler available? Flowmaster's new Super 10 Series mufflers are so aggressive that we can't even recommend them for use on street driven vehicles. The Super 10 Series utilizes the same patented Delta Flow performance technology used in our highly popular Super 40® and Super 44 Series mufflers. Best of all they are constructed with durable 409S stainless steel for long life and are offered in a variety of inlet/outlet configurations. Backed by our Lifetime Limited warranty, these short, single chamber mufflers are not for the faint-of-heart delivering as close to open pipe sound as is possible. If you want high-impact sound, the Super 10 Series mufflers could be just the ticket.



- >> **The most aggressive muffler we offer**
- >> **Race-proven Delta Flow Technology**
- >> **Available in 409S stainless steel**
- >> **409S stainless steel with lifetime limited warranty**
- >> **Compact size – will fit anywhere!**



IN / OUT	C / C	O / O	C / D
2.25"	---	---	---
2.50"	842515	842518	---
3.00"	843015	---	---
IN / OUT	C / C	O / O	C / D
2.50" / 2.25"	---	---	8425152
3.00" / 2.50"	---	---	8430152



IN / OUT	C / O	O / C	D / D
2.50"	842512	842516	8425154
3.00"	---	843016	---

40 SERIES

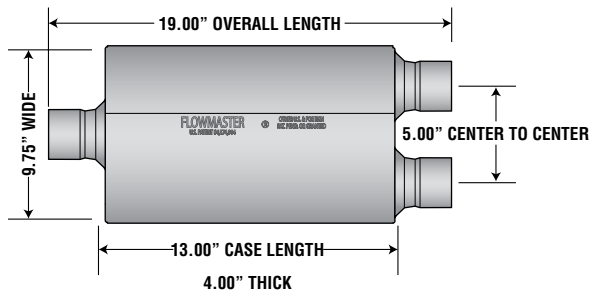
ORIGINAL

AGGRESSIVE
EXTERIOR SOUND LEVEL

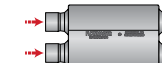
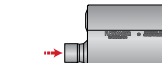
NOTICEABLE
INTERIOR RESONANCE

The muffler that started it all, the original 40 Series Muffler is an aggressive sounding street/strip muffler that delivers the powerful "Flowmaster Sound" you've heard so much about. If you really want to hear your exhaust system and that great muscle car tone – from both inside and outside of the vehicle - the 40 Series is for you.

- >> Original high-performance Flowmaster muffler
- >> Aggressive sound for people who likes it LOUD
- >> Available in aluminized or 409S stainless steel
- >> 409S stainless steel with lifetime limited warranty
- >> Fully MIG-welded for durability



    					
IN / OUT	C / C	O / C	C / O	O / O	O / O SAME SIDE
2.25"	---	42441	42442	42443	---
2.50"	---	42541	42542	42543	---
3.00"	---	43041	---	43043	---
409S STAINLESS STEEL MODELS					
2.25"	---	8042441	---	8042443	---
2.50"	---	8042541	---	8042543	---
3.00"	---	8043041	---	8043043	---

   				
IN / OUT	D / C	C / D	D / D	O / D
2.50" / 2.50"	---	---	425404	---
3.00" / 2.50"	---	430402	---	---
409S STAINLESS STEEL MODELS				
3.00" / 2.50"	---	80430402	---	---

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SUPER 44

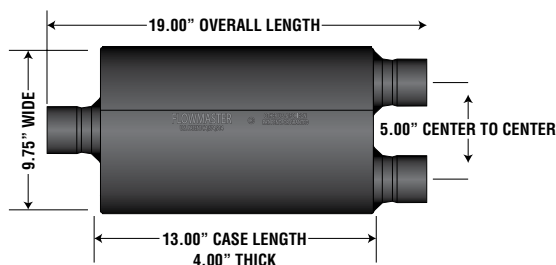
DELTA FLOW

AGGRESSIVE
EXTERIOR SOUND LEVEL

NOTICEABLE
INTERIOR RESONANCE

The Super 44 delivers a powerful, rich tone and is one of the most aggressive, deepest sounding, highest-performing four-inch case street muffler we've ever built! Available in either 409S stainless steel with a Lifetime Limited warranty or 16-gauge aluminized steel with a 3-year warranty, these mufflers feature our advanced Delta Flow Technology design and are fully MIG-welded for maximum durability.

- >> Deep, aggressive, high-performance exhaust tone
- >> Two chamber power and torque enhancing design
- >> Race-proven Delta Flow Technology
- >> 409S stainless steel with lifetime limited warranty
- >> No internal packing to blow out



IN / OUT	C / C	O / C	C / O	O / O	O / O SAME SIDE
2.25"	942445	942446	942447	942448	942449
2.50"	942545	942546	942547	942548	942549
3.00"	943045	943046	943047	943048	943049

409S STAINLESS STEEL MODELS

2.25"	----	842446	----	842448	----
2.50"	----	842546	842547	842548	----
3.00"	----	843046	----	843048	----



IN / OUT	D / C	C / D	D / D	O / D
2.25" / 2.25"	----	9424472	----	----
2.50" / 2.25"	----	9425452	----	----
2.50" / 2.50"	----	9425472	8425454	----
3.00" / 2.25"	----	9430472	----	----
3.00" / 2.50"	----	9430452	----	9430462

409S STAINLESS STEEL MODELS

2.50" / 3.00"	8425453	----	----	----
3.00" / 2.50"	----	8430452	----	----



SUPER 40[®]

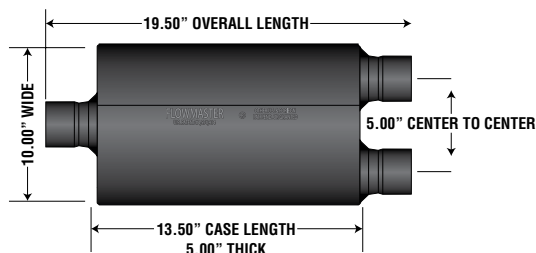
DELTA FLOW

AGGRESSIVE
EXTERIOR SOUND LEVEL

NOTICEABLE
INTERIOR RESONANCE

Developed from our Top Ten race muffler lineup for use on the street/strip and utilizing Delta Flow technology, this muffler gives the best performance to higher horsepower vehicles. The Super 40 features a black, oversize case which helps reduce resonance while the deep outside tone says it's a Flowmaster!

- >> Works in place of any other 40 Series muffler
- >> Deeper, richer tone than original 40 Series muffler
- >> The choice of performance street rod builders
- >> Available in aluminized steel or 409S stainless steel
- >> Fully MIG-welded for maximum durability



IN / OUT	C / C	O / C	C / O	O / O	O / O SAME SIDE
2.25"	952445	952446	952447	952448	----
2.50"	952545	952546	952547	952548	952549
3.00"	953045	953046	953047	953048	953049
409S STAINLESS STEEL MODELS					
2.50"	----	852546	----	852548	----
3.00"	----	853046	----	853048	----



IN / OUT	D / C	C / D	D / D	O / D
2.50" / 2.50"	----	----	9525454	----
3.00" / 2.50"	----	9530452	----	9530462
409S STAINLESS STEEL MODELS				
2.50" / 2.50"	----	----	8525454	----
3.00" / 2.50"	----	8530452	----	----



40 SERIES

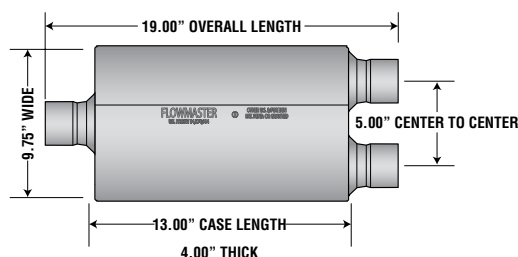
DELTA FLOW

AGGRESSIVE
EXTERIOR SOUND LEVEL

NOTICEABLE
INTERIOR RESONANCE

Flowmaster's Delta Flow 40 Series two-chamber design incorporates Flowmaster's patented Delta Flow technology. The "Delta" deflectors generate increased scavenging for better performance and reduced interior sound. Perfect for vehicles where an aggressive exterior tone is desired with reduced interior tone.

- >> **The quietest 40 Series two-chamber muffler**
- >> **Reduced resonance over other 40 series mufflers**
- >> **409S Stainless backed by lifetime warranty**
- >> **Two-chamber design and Delta Flow technology**
- >> **Available in aluminized steel or 409S stainless steel**
- >> **Fully MIG-welded for maximum durability**



IN / OUT	C / C	O / C	C / O	O / O	O / O SAME SIDE
2.00"	942040	942041	942042	942043	----
2.25"	942440	942441	942442	942443	942444
2.50"	942540	942541	942542	942543	942544
3.00"	943040	943041	943042	943043	----

409S STAINLESS STEEL MODELS

2.50"	----	842541	----	842543	----
3.00"	----	843041	----	----	----



IN / OUT	D / C	C / D	D / D	O / D
2.00" / 2.00"	----	9420402	----	----
2.25" / 2.00"	----	----	----	----
2.25" / 2.25"	----	9424422	----	----
2.50" / 2.00"	----	----	----	9425412
2.50" / 2.25"	----	9425422	----	9425432
2.50" / 2.50"	----	9425400	----	----
3.00" / 2.25"	----	9430422	----	----
3.00" / 2.50"	----	9430402	----	9430412

409S STAINLESS STEEL MODELS

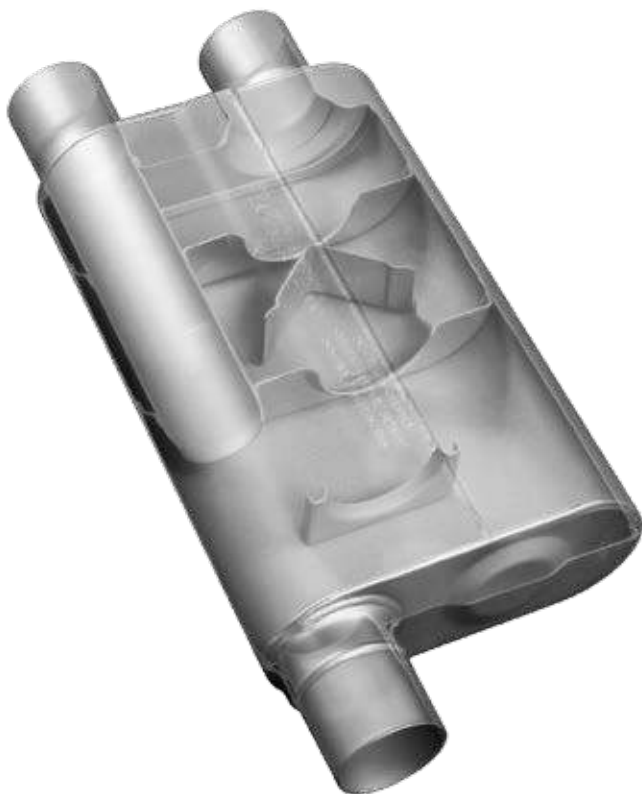
3.00" / 2.50"	----	8430402	----	----
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80 SERIES

CROSS-FLOW

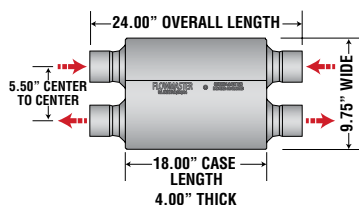
AGGRESSIVE
EXTERIOR SOUND LEVEL

NOTICEABLE
INTERIOR RESONANCE

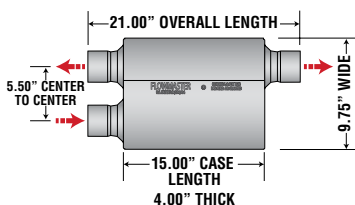


For dual-exhaust performance where only a single exhaust system will fit (such as is commonly found in classic Camaros and Firebirds), the 80 Series Cross-Flow muffler fits transversely behind the rear axle and in front of the fuel tank. This makes our Flowmaster 80 series muffler the perfect OE replacement – but with enhanced performance and sound. With single or dual inlets, the 80 Series gives excellent ground clearance, aggressive tone, and offers dual outlets to fit muscle cars requiring this specialized fitment.

- >> Perfect replacement for Camaro/Firebird
- >> Available in aluminized steel or 409S stainless
- >> 409S Stainless muffler backed by lifetime warranty
- >> Available with either single or dual inlets



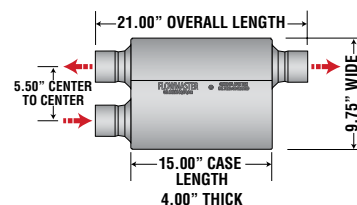
INLET / OUTLET	PART #
2.50" / 2.50" (D/D)	42582



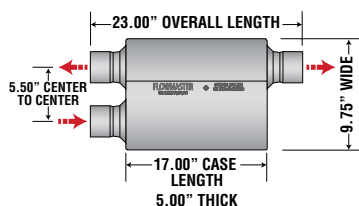
INLET / OUTLET	PART #
2.50" / 2.50" (S/D)	42583

409S STAINLESS STEEL MODELS

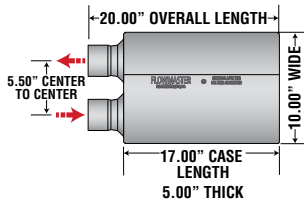
2.50" / 2.50" (S/D)	842583
---------------------	--------



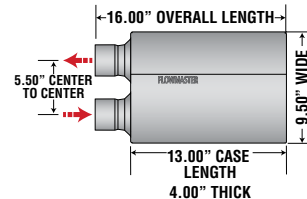
INLET / OUTLET	PART #
3.00" / 2.50" (S/D)	43083



INLET / OUTLET	PART #
3.00" / 2.50" (S/D)	53083



INLET / OUTLET	PART #
2.50" / 2.50" (S/D)	52580



INLET / OUTLET	PART #
2.50" / 2.50" (S/D)	842580

TECHNOLOGY

HEADERS

CONVERTERS

DELTA BOOST

CAR APP

TRUCK APP

MUFFLERS

RACE

ACCESSORIES

INFO

50 HD

HEAVY-DUTY

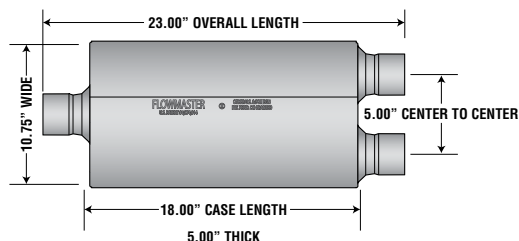


MODERATE
EXTERIOR SOUND LEVEL

MODERATE
INTERIOR RESONANCE

The 50 Series heavy-duty muffler is appropriately named, a tough customer just like the trucks it was designed for. With 4 inch internal components and a large case size, these mufflers help to significantly increase mileage, torque, and horsepower while greatly improving towing power and acceleration. The 50 Series heavy-duty is great for gas, diesel, and late-model trucks used in the most extreme working conditions. They are constructed of 16-gauge steel and are fully MIG-welded for maximum durability. Stainless models carry a lifetime limited warranty.

- >> Great for quieting large displacement engines
- >> Works great with gasoline and diesel applications
- >> Large case features three-chamber internal design
- >> Terrific power/torque improvement for tow vehicles
- >> Designed for Dodge trucks with Hemi engines



IN / OUT	C / C	O / C	C / O	O / O	O / O SAME SIDE
3.00"	---	9530560	---	---	---
3.50"	---	---	---	953558	---
409S STAINLESS STEEL MODELS					
3.50"	---	---	---	853558	---



IN / OUT	D / C	C / D	D / D	O / D
3.00" / 2.50"	---	9530572	---	9530582
4.00" / 3.00"	---	---	---	---
409S STAINLESS STEEL MODELS				
2.50" / 2.50"	---	---	8525554	---

SUPER HP-2[®]

LAMINAR FLOW

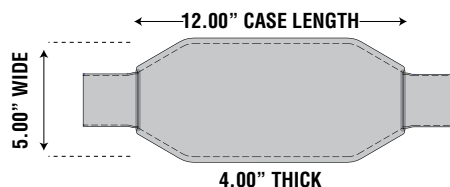
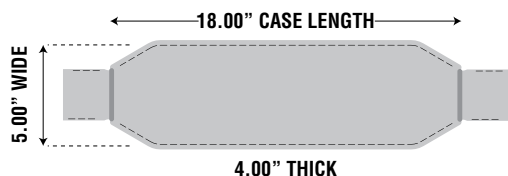
MODERATE
EXTERIOR SOUND LEVEL

MODERATE
INTERIOR RESONANCE



Flowmaster has taken the laminar core of our classic HP-2 muffler and wrapped it in a new compact square case. The new Super HP-2 Series muffler offers the same great performance benefits and moderate tone that you would expect from our laminar flow mufflers, now in a new sleek styling. These mufflers are available in either a 409S stainless steel case or a polishable 304S stainless steel case and in sizes ranging from 2.00", 2.25" and 2.50". These mufflers are manufactured in the USA and are covered by Flowmaster's Lifetime Limited warranty.

- >> Delivers terrific '50's style street rod tone
- >> Laminar Flow muffler technology
- >> 304 or 409S stainless steel exterior casing
- >> Lifetime limited warranty to original purchaser
- >> Low exterior heat via Cool Shell Technology
- >> Overall reduced exterior sizing for easy fitment



T409 STAINLESS		T304 STAINLESS	
IN / OUT	PART#	IN / OUT	PART#
2.00"	12018409	2.00"	----
2.25"	12418409	2.25"	12418304
2.50"	12518409	2.50"	12518304

T409 STAINLESS		T304 STAINLESS	
IN / OUT	PART#	IN / OUT	PART#
2.00"	12012409	2.00"	----
2.25"	12412409	2.25"	12412304
2.50"	12512409	2.50"	12512304



TECHNOLOGY

HEADERS

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DELTA BOOST

CAR APP

TRUCK APP

MUFFLERS

RACE

ACCESSORIES

INFO

PRO SERIES

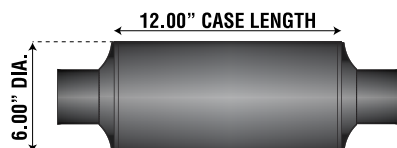
LAMINAR FLOW

Moderate
EXTERIOR SOUND LEVEL

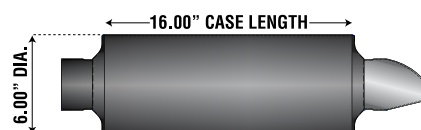
Minimal
INTERIOR RESONANCE

The Pro Series Laminar Flow mufflers bring the latest in performance and sound control technology to the street and racetrack. These round-cased mufflers deliver groundbreaking sound control while delivering maximum power and exhaust system efficiency. The full-size Pro Series mufflers sound great on gasoline or diesel truck or racing applications. The Pro Series shorty mufflers are a terrific choice for muscle cars and other performance vehicles with limited space where great sound is desired.

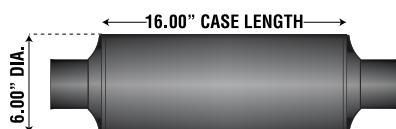
- >> **Most versatile Laminar Flow muffler we offer**
- >> **Deeper tone for great performance sound**
- >> **409S stainless steel construction**
- >> **Lifetime limited warranty**
- >> **Low exterior heat via Cool Shell Technology**
- >> **Both full-size and shorty versions available**



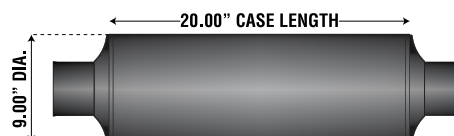
PRO SERIES SHORTY	
IN / OUT	PART#
3.00"	13012100
3.50"	13512100



PRO SERIES TURNDOWN	
IN / OUT	PART#
3.00"	13016101
3.50"	13516101



PRO SERIES STANDARD	
IN / OUT	PART#
3.00"	13016100
3.50"	13516100



PRO SERIES STANDARD	
IN / OUT	PART#
4.00"	14020100
5.00"	15020100

DBX[®] SERIES

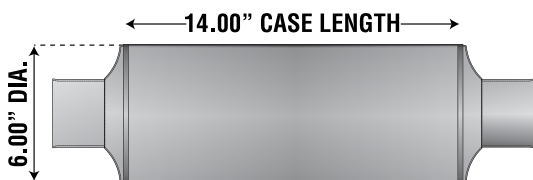
LAMINAR FLOW

MODERATE
EXTERIOR SOUND LEVEL

MINIMAL
INTERIOR RESONANCE

The perfect choice for a variety of vehicle styles and engine applications, Flowmaster's dBX mufflers utilize cutting-edge Laminar Flow technology drawn from both the HP2 and Pro Series muffler lines to provide maximum performance and deliver a sound quality like no other. The key to its superior performance and smooth refined tone is the patented core design which delivers maximum exhaust efficiency, while at the same time minimizing the interior drone that is associated with other performance mufflers.

- >> Laminar Flow muffler technology
- >> 304 stainless steel exterior casing
- >> 409S internal materials
- >> Lifetime limited warranty
- >> Low exterior heat via Cool Shell Technology
- >> Overall reduced exterior sizing for easy fitment



IN / OUT	PART #
2.00" / 2.00"	12014310
2.25" / 2.25"	12414310
2.50" / 2.50"	12514310
3.00" / 3.00"	13014310



SLIM LINE

LAMINAR FLOW

Intended for sidepipe applications, these mufflers can be used in other applications and feature a raw 304S stainless steel case. These mufflers offer a quieter alternative to the glasspack style mufflers that are traditionally used in these applications, plus the Cool Shell Technology helps prevent the outside of the muffler case from seeing the extreme temperatures associated with sidepipe applications.

BODY	LENGTH	IN / OUT	PART #
4.5"	24"	3.5" / 3.5"	13524320
4.5"	30"	3.5" / 3.5"	13530320

TECHNOLOGY

HEADERS

CONVERTERS

DELTA BOOST

CAR APP

TRUCK APP

MUFFLERS

RACE

ACCESSORIES

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50 SERIES

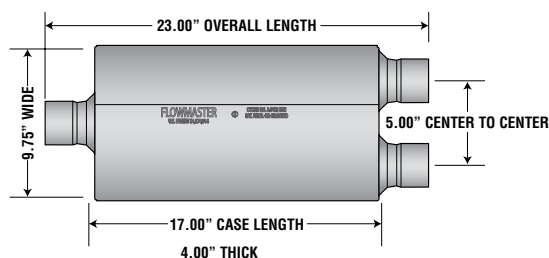
DELTA FLOW

Moderate
EXTERIOR SOUND LEVEL

MINIMAL
INTERIOR RESONANCE

Designed to reduce interior sound and resonance, the 50 Series Delta Flow's moderate exterior tone level is the result of our advanced technology. This compact exterior case size muffler was especially designed for passenger cars rather than trucks or SUVs. Featuring our unique Resonance Tuning Chamber, the three-chamber 50 Series Delta Flow gives the same performance as the two-chambered Flowmaster mufflers and delivers increased engine efficiency for better power and mileage.

- >> **Perfect for performance & passenger cars**
- >> **409S Stainless backed by lifetime limited warranty**
- >> **Features advanced three-chamber design**
- >> **Delta Flow internal technology**
- >> **Available in aluminized steel or 409S stainless steel**



IN / OUT	C / C	O / C	C / O	O / O	O / O SAME SIDE
2.00"	----	942051	----	----	----
2.25"	942450	942451	942452	942453	----
2.50"	942550	942551	942552	942553	----
3.00"	943050	943051	943052	943053	----

409S STAINLESS STEEL MODELS

2.00"	----	----	----	----	----
2.25"	----	842451	842452	842453	----
2.50"	----	842551	----	842553	842554
3.00"	----	843051	----	----	----



IN / OUT	D / C	C / D	D / D	O / D
2.00" / 2.00"	----	9420502	----	----
2.25" / 2.00"	----	----	----	----
2.50" / 2.00"	----	9425502	----	----
3.00" / 2.25"	----	9430522	----	----
3.00" / 2.50"	----	9430502	----	9430512

409S STAINLESS STEEL MODELS

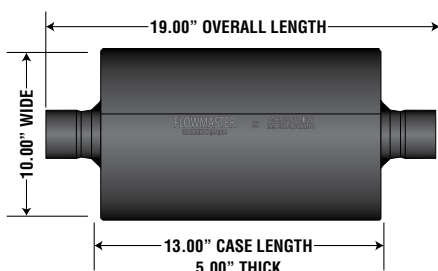
3.00" / 2.25"	----	----	----	----
3.00" / 2.50"	----	8430502	----	----

60 SERIES

DELTA FLOW

MODERATE
EXTERIOR SOUND LEVEL

MINIMAL
INTERIOR RESONANCE



IN / OUT	C / C	O / C	C / O	O / O	O / O SAME SIDE
2.00"	952060	---	952062	---	---
2.25"	952460	---	952462	---	---

The 60 Series Mufflers feature Delta Flow Technology to increase horsepower and torque in most four and six-cylinder vehicles. These large-case, short-design mufflers have shown significant improvements in mileage, fuel economy, and make for a more pleasant driving experience. Constructed of 16-gauge aluminized steel and fully MIG-welded for maximum durability.

- >> A favorite with import and sport-compact owners
- >> Best when matched for four and six-cylinder engines
- >> Significant sound control w/ short, large-case design
- >> Great for rear placement where space is limited
- >> Mellow, quiet tone is great for daily-driven vehicles
- >> Delivers improved vehicle mileage – a major benefit

"WHICH FLOWMASTER MUFFLER IS RIGHT FOR MY CAR?"

The answer to this question will vary depending on the make, model and performance needs of your vehicle, your personal sound preferences and budget. Check out this video on our YouTube channel to help you narrow down your choice!

FLOWMASTER: SELECT THE RIGHT MUFFLER



TECHNOLOGY

HEADERS

CONVERTERS

DELTA BOOST

CAR APP

TRUCK APP

MUFFLERS

RACE

ACCESSORIES

INFO



SUPER 50

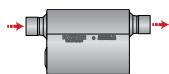
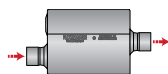
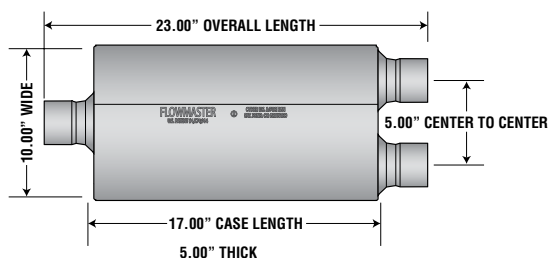
DELTA FLOW

Moderate
EXTERIOR SOUND LEVEL

MILD
INTERIOR RESONANCE

The Super 50 (formerly called 50 SUV) incorporates an increased case size with the innovative technology found in the 50 Series Delta Flow mufflers. The Super 50 Series allows for optimum exhaust flow, increased mileage, and reduced interior resonance. This muffler is especially suited for trucks and SUVs as well as full-sized, high-performance street cars looking to reduce interior resonance and tone levels for everyday driving.

- >> **The most versatile muffler we make**
- >> **Excellent for muscle cars & performance cars**
- >> **Features three-chamber Delta Flow Technology**
- >> **16-gauge aluminized steel or 409S stainless steel**
- >> **Fully MIG-welded for maximum durability**



IN / OUT	C / C	O / C	C / O	O / O	O / O SAME SIDE
2.25"	52455	52456	52457	52458	----
2.50"	52555	52556	52557	52558	----
3.00"	53055	53056	53057	53058	----
409S STAINLESS STEEL MODELS					
2.25"	----	----	----	----	----
2.50"	----	852556	----	852558	----
3.00"	----	----	853057	----	----



IN / OUT	D / C	C / D	D / D	O / D
2.25" / 2.25"	----	----	524554	----
2.25" / 3.00"	524553	----	----	----
2.50" / 2.25"	----	525552	----	----
2.50" / 2.50"	----	----	----	525561
3.00" / 2.50"	----	530552	----	530562
409S STAINLESS STEEL MODELS				
2.25" / 2.25"	----	----	----	----
2.25" / 3.00"	8524553	----	----	----
3.00" / 2.50"	----	8530552	----	----

70 SERIES

BIG BLOCK® II

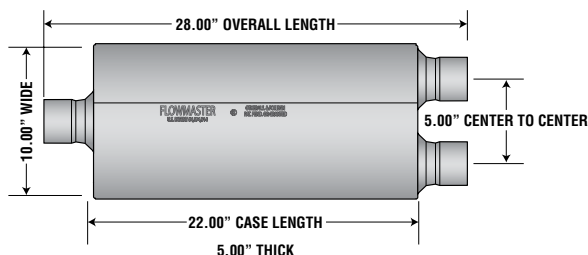
MILD-STOCK
EXTERIOR SOUND LEVEL

MILD
INTERIOR RESONANCE



The 70 Series Big Block II muffler uses a longer case for increased volume and added sound reduction that will still fit many applications where the wider 50 Series Big Block muffler won't fit. The 70 Series Big Block II utilizes Flowmaster's patented Delta Flow Technology for maximum efficiency and minimum interior resonance. The 70 Series mufflers are perfect for high-performance street cars, most trucks, SUVs, RVs, and tow vehicles that require quiet operation with improved sound.

- >> **Best suited for trucks – quiet operation!**
- >> **Features three-chamber, Delta Flow Technology**
- >> **16-gauge aluminized or stainless steel**
- >> **Fully MIG-welded for maximum durability**



IN / OUT	C / C	O / C	C / O	O / O	O / O SAME SIDE
2.50"	----	52571	52572	52573	----
3.00"	53070	53071	53072	----	----
409S STAINLESS STEEL MODELS					
3.00"	----	----	853072	----	----



IN / OUT	D / C	C / D	D / D	O / D
2.25" / 2.25"	----	----	524704	----
2.25" / 3.00"	524703	----	----	----
3.00" / 2.25"	----	530722	----	----
3.00" / 2.50"	----	530702	----	----
409S STAINLESS STEEL MODELS				
3.00" / 2.50"	----	----	----	----

TECHNOLOGY

HEADERS

CONVERTERS

DELTA BOOST

CAR APP

TRUCK APP

MUFFLERS

RACE

ACCESSORIES

INFO

50 SERIES

BIG BLOCK

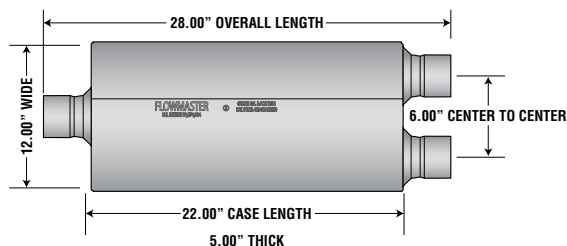
MILD-STOCK
EXTERIOR SOUND LEVEL

MILD
INTERIOR RESONANCE



Our largest and quietest muffler, the 50 Series Big Block is made for tow vehicles, full-size trucks, large SUVs, and RVs. Compatible with big cubic inch engine applications, the 50 Series Big Block incorporates a very large Resonance Tuning Chamber to almost completely reduce interior sound in large cab vehicles and enough case volume to handle engines under heavy loads – perfect for tow vehicles. Significant improvements in mileage, torque, and horsepower are to be expected, as well as decreased engine heat and wear.

- >> **The quietest muffler we make!**
- >> **Available in 16-gauge aluminized steel**
- >> **Fully MIG-welded for maximum durability**
- >> **Backed by a 3-year warranty**
- >> **Greatly reduces interior sound and resonance**



IN / OUT	C / C	O / C	C / O	O / O	O / O SAME SIDE
3.50"	----	----	----	53553	----
IN / OUT	D / O	C / D	D / D	O / D	
2.75" / 2.50"	----	----	527504	----	
3.00" / 2.50"	----	----	530504	----	
3.00" / 3.50"	530513*	----	----	----	

* INCLUDES ADAPTOR PIPE FOR '01 - '04 GM 6.0L HD *



RACE PRODUCTS

OVER 30 YEARS OF RACE-WINNING PERFORMANCE

Flowmaster has long been the leader in automotive exhaust technology, and nowhere is that more apparent than on the race tracks of America. With over thirty years of providing strong, effective sound control to many thousands of racers, tracks, and organizations, Flowmaster continues to lead the way in race exhaust solutions.

From our beginnings with Northern California Sprint Cars, Flowmaster rapidly became the must-have and required exhaust for race organizations including NHRA, NASCAR, SCCA Trans Am, Indy Lights, NMCA, NMRA and SRL, and many others.

Racers know that with Flowmaster on board, championships happen more easily.



**SUITABLE FOR SOME
TURBO DIESEL APPLICATIONS**

Note: These mufflers provide minimal sound reduction, and are intended primarily for situations where a muffler rule is in effect with no specific decibel requirements.

IN / OUT	CASE DIAMETER	CASE LENGTH	PART#
3.00"	4.00"	11.00"	15430
3.00"	4.00"	7.00"	15430S
3.50"	4.50"	7.00"	15435S
4.00"	5.00"	7.00"	15440S
5.00"	6.00"	7.00"	15450S

OUTLAW

RACE MUFFLER

Our smallest and lightest race mufflers to date. When attached directly to the collector, it generally produces more power than open headers, while taking the "edge" off that open header sound. These mufflers are designed to be used at race tracks requiring mufflers, but without dB restrictions. Available in two compact lengths and tubing diameter sizes including 3.00", 3.50", 4.00" and 5.00".

409S STAINLESS MODELS			
IN / OUT	CASE DIAMETER	CASE LENGTH	PART#
2.50"	4.50"	11.00"	815425
3.00"	4.00"	10.5"	815430
3.50"	4.50"	11.00"	815435
4.00"	5.00"	11.00"	815440
2.50"	4.50"	7.00"	815425S
3.00"	4.00"	6.5"	815430S
3.50"	4.50"	7.00"	815435S
4.00"	5.00"	7.00"	815440S
5.00"	6.00"	7.00"	815450S

OUTLAW II

RACE MUFFLER

Utilizes the sequential exhaust pulse energy to help evacuate the combustion chambers, resulting in a more efficient, powerful engine. Now that the collector and muffler are combined in one unit, this will ease the fabrication process for headers and also offer a greater weight and space savings over a traditional collector and muffler separately!



PRIMARY	CASE	OUTLET	PART#
1-7/8"	4-1/2"	3-1/2"	8178350
2"	4-1/2"	3-1/2"	8200350
2-1/8"	5"	4"	8218400
2-1/4"	5"	4"	8214400
2-3/8"	6"	5"	8238500
2-1/2"	6"	5"	8250500

PRO SERIES OUTLAW

RACE MUFFLER

Flowmaster, the exhaust technology leader is proud to announce an innovative race muffler resulting in power loss of less than 1% with a lower signature profile than similar race muffler products. Delivering over 35 HP gain over the nearest competitor, the new Flowmaster PRO Series Outlaw will give anyone that straps on a pair a distinct advantage on the race track. Pick up a set of Flowmaster PRO Series Outlaw mufflers and separate yourself from the competition!



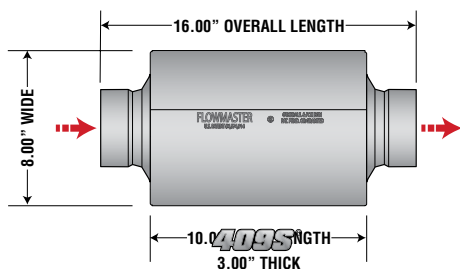
INLET	OUTLET	PART#
3.50"	3.50"	13509135
3.50"	3.00"	13509130
3.00"	3.00"	13009130



LOW PROFILE

RACE MUFFLER

These mufflers are 3.00" or less in thickness and are able to fit under almost any chassis. Originally designed for NASCAR, these oval-tube mufflers are ideal for today's high-horsepower engines. Great for cars producing 450+ HP with minimal ground clearance.



IN / OUT	OVAL - SINGLE IN/OUT
3.50"	8335408



10 SERIES

RACE MUFFLER

Compact, lightweight single-chamber design that will net a noticeable sound reduction vs. open headers without sacrificing valuable and hard-earned horsepower. They are available in three compact case sizes, ranging from 3.00", 4.00", and 5.00" inches tall, with inlet and outlet sizes ranging from 2.50" up to 4.00", and in two inlet and outlet configurations.



IN / OUT	C / C	O / C
CASE DIMENSIONS: 3.00" THICK - 8.00" WIDE - 5.50" LENGTH		
2.50"	325108	----
CASE DIMENSIONS: 4.00" THICK - 9.75" WIDE - 6.50" LENGTH		
3.00"	9430109	----
3.50"	9435109	----
CASE DIMENSIONS: 4.00" THICK - 8.00" WIDE - 10.25" LENGTH		
3.00"	----	9430119
CASE DIMENSIONS: 5.00" THICK - 12.00" WIDE - 7.50" LENGTH		
4.00"	954010-12	----

409S STAINLESS STEEL MODELS		
IN / OUT	C / C	O / C
CASE DIMENSIONS: 3.00" THICK - 8.00" WIDE - 5.50" LENGTH		
2.50"	8325108	----
CASE DIMENSIONS: 4.00" THICK - 8.00" WIDE - 6.50" LENGTH		
3.00"	8430109	----
3.50"	8435109	----
CASE DIMENSIONS: 4.00" THICK - 8.00" WIDE - 10.25" LENGTH		
3.00"	----	8430119
3.50"	----	8435119

40 SERIES

RACE MUFFLER

40 Series mufflers offer maximum performance with a substantial dB reduction over open headers. These are available in 3.00", 4.00", 5.00", and 6.00" thick case sizes. And with inlets and outlets ranging from 2.50" up to 5.00" sizes. The 40 series are available in numerous offsets for easy fitment and fabrication.



IN / OUT	C / C	O / C	O / O	O / O SAME SIDE
CASE DIMENSIONS: 6.00" THICK - 12.00" WIDE - 14.00" LENGTH				
5.00"	965040-12*	----	----	----
409S STAINLESS STEEL MODELS				
CASE DIMENSIONS: 3.00" THICK - 8.00" WIDE - 8.50" LENGTH				
2.50"	8325408	----	----	----
CASE DIMENSIONS: 4.00" THICK - 8.00" WIDE - 9.00" LENGTH				
3.00"	8430408	----	----	----
3.50"	8435408	----	----	----
CASE DIMENSIONS: 4.00" THICK - 9.75" WIDE - 13.00" LENGTH				
3.50"	8435409	8435419	8435439	8435449
CASE DIMENSIONS: 5.00" THICK - 10.00" WIDE - 13.00" LENGTH				
3.50"	853540-10*	----	----	----
4.00"	854040-10*	----	----	----

*DENOTES TOP 10 RACE MUFFLER

30 SERIES

RACE MUFFLER

Among our highest-performing race mufflers and are ideal for very high horsepower applications. These mufflers are designed for race applications requiring maximum sound control, performance, and are available to fit many chassis configurations in both road and drag racing.



IN / OUT	C / C	O / C	O / O
30 SERIES DELTA FORCE RACE MUFFLER			
CASE DIMENSIONS: 5.00" THICK - 12.00" WIDE - 14.00" LENGTH			
3.50"	53530-12	----	----
4.00"	54030-12	----	----
CASE DIMENSIONS: 5.00" THICK - 12.00" WIDE - 16.00" LENGTH			
4.00"	----	----	54033-12
CASE DIMENSIONS: 5.00" THICK - 12.00" WIDE - 17.00" LENGTH			
3.50"	----	53531-12	----
4.00"	----	54031-12	----
CASE DIMENSIONS: 6.00" THICK - 14.00" WIDE - 16.00" LENGTH			
5.00"	965030-14	----	----

50 SERIES

RACE MUFFLER

50 Series mufflers are some of the quietest mufflers we build. They are available in select sizes and were developed for spec classes and sportsman type race vehicles needing max dB attenuation. Available in 2.50"



IN / OUT	C / C
CASE DIMENSIONS: 3.00" THICK - 8.00" WIDE - 11.50" LENGTH	
2.50"	8325508

ALCOHOL

RACE MUFFLER

Alcohol race mufflers incorporates patented strategically placed “burn holes” inside the muffler in all low-pressure areas to prevent damage from excess methanol fuel from puddling and backfiring on deceleration.



IN / OUT	0 / 0
CASE DIMENSIONS: 5.00" THICK - 12.00" WIDE - 22.00" LENGTH	
4.00	854063-12



60 SERIES

RACE MUFFLER

60 Series Delta Force mufflers is ideal for race classes where optimum performance is needed with maximum sound control. While developed for various circle track applications, this race muffler can be used in many other classes as well.

IN / OUT	0 / 0
CASE DIMENSIONS: 5.00" THICK - 12.00" WIDE - 22.00" LENGTH	
4.00	854063-12

LAMINAR FLOW

RACE MUFFLER

Laminar Flow mufflers have applications in all forms of racing such as sprints and midgets, vintage racing, rock crawlers, and diesel sled pullers. A key feature is its Cool Shell technology which minimizes the outside case temperature for mounting in and around body panels. Consistently proven to meet the strictest dB sound limits without affecting performance, they are available in several case configurations with inlet/outlet sizes from 2.00" through 5.00". See Page 58 for more details.





DYNO TESTED TRACK PROVEN

With over thirty years of providing the most advanced race exhaust technology available, Flowmaster offers the ideal mufflers and exhaust accessories for any race series or class, no matter what engine or sound requirement needs to be met.

With organizations such as NMCA/NMRA and the Spears Southwest Tour relying on Flowmaster exhaust products, as well as Land Speed Record cars and many independent racers the world over, we strive to provide the most advanced solutions to racing sound issues in the world.

Flowmaster race mufflers and installation parts are available in durable 409S stainless steel, and are manufactured in the USA.

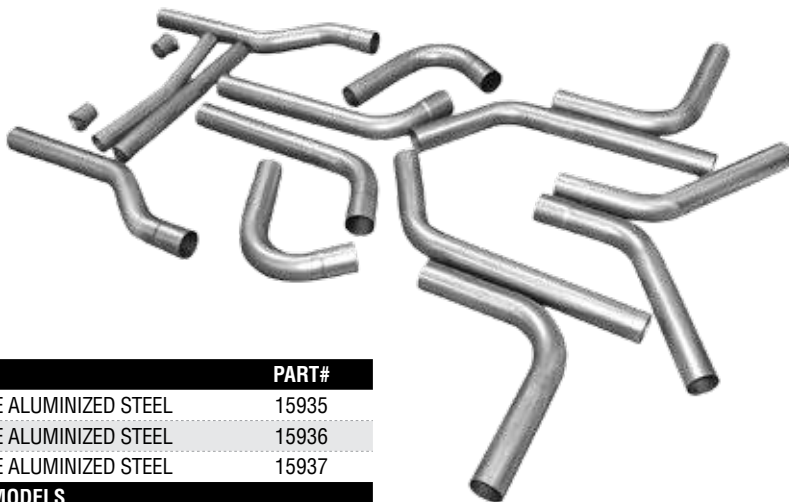
NMRA Drag Racer Jim Breese shows off his pair of Outlaw mufflers (#15435S) under his 2004 Mustang.

INSTALLATION ACCESSORIES

Flowmaster's line of installation accessories are designed for the professional installer and the do-it-yourself builder. These accessories were designed to work with Flowmaster mufflers in custom installations to allow for a high-quality installation and years of reliable service. Universal pipes can be fit to any application to build a system for your needs.

U-FIT DUAL PIPE KITS

These kits come complete with all the pipes you need to build a custom dual exhaust system in 2.25", 2.50", and 3.00" pipe diameters. These U-fit Kits include the front adapter pipes, intermediate pipes, H-pipe assembly, over-the-axle pipes, and your choice of optional tailpipe exits. Each piece has a slip-fit connection for easy assembly and is built from mandrel-bent, 16-gauge aluminized steel or 409S stainless steel.



DIAMETER	DESCRIPTION	PART#
2.25"	16-PIECE UNIVERSAL PIPE KIT - 16 GAUGE ALUMINIZED STEEL	15935
2.50"	16-PIECE UNIVERSAL PIPE KIT - 16 GAUGE ALUMINIZED STEEL	15936
3.00"	16-PIECE UNIVERSAL PIPE KIT - 16 GAUGE ALUMINIZED STEEL	15937
409S STAINLESS STEEL MODELS		
2.25"	16-PIECE UNIVERSAL PIPE KIT - 409S STAINLESS STEEL	815935
2.50"	16-PIECE UNIVERSAL PIPE KIT - 409S STAINLESS STEEL	815936
3.00"	16-PIECE UNIVERSAL PIPE KIT - 409S STAINLESS STEEL	815937
304S STAINLESS STEEL MODELS		
2.50"	16-PIECE UNIVERSAL PIPE KIT - 304S STAINLESS STEEL	915936
3.00"	16-PIECE UNIVERSAL PIPE KIT - 304SSTAINLESS STEEL	915937

INSTALLER SERIES PIPE KITS

The installer series pipe kits offer the same mandrel-bent 16-gauge aluminized pipes that are offered in our popular header-back systems, but without the hangers and mufflers. This allows the user the flexibility to create a custom kit when the vehicle has been modified. **Note:** These kits do not come with hangers or mufflers and require professional installation.



YEAR	DESCRIPTION	PIPE DIA.	PART #
'68 - '72	GM "A" Body, V-8, All 3.00" Header-back pipe kit incl. balance pipe, (requires Offset/Offset mufflers, tubing only), DOR	3.00"	1040
'64 - '67	GM "A" Body, V-8, All 3.00" Header-back pipe kit incl. balance pipe, (requires Offset/Offset mufflers, tubing only), DOS	3.00"	1041
'67 - '69	GM "F" Body, V-8, All 3.00" Header-back pipe kit incl. balance pipe, (requires Offset/Center mufflers, tubing only), DOR	3.00"	1050

UNIVERSAL SCAVENGER X-PIPE KITS

Commonly referred to as an X-Pipe, not all X-Pipes are created equal. As any engineer will tell you, crossing exhaust streams incorrectly can create huge turbulence with the exhaust systems causing great harm to horsepower and torque generation. Flowmaster's patented and exclusive D-Port technology allows the exhaust pulse to create a low-pressure area that helps pull, or scavenge, the next exhaust pulse from the paired set of tubes. These systems work to produce significant torque improvement and are well-suited to modified "muscle car" application yet retain the classic Flowmaster sound.

Exhaust Pulse

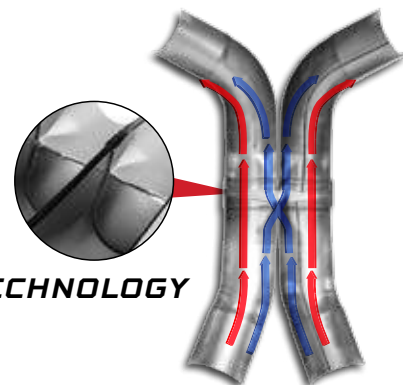
As the exhaust pulse exits the engine and travels across the D-port area, the increased surface area of the tubing creates a strong low-pressure area and increases the speed of the exhaust traveling through the tubing. This helps to improve the exhaust velocity at all engine rpm but especially at low and mid rpm levels. This directly improves torque and throttle response.

Sound and Pressure Waves

The open chamber area in the Scavenger Pipe assembly allows not only the pressure waves between the two sides to balance out, but specific sound frequencies cross over and cancel themselves out as they collide. This results in a reduction in interior sound as well as creating a low-pressure area to maximize the scavenging effect.

DIAMETER	DESCRIPTION	PART#
2.50"	UNIVERSAL CUT TO FIT	815932
3.00"	UNIVERSAL CUT TO FIT	815933
2.25"	*15-16 FORD MUSTANG 3.7L	81107
2.25"	*15-16 FORD MUSTANG 2.3L ECOBOOST	81108
2.50"	*15-16 FORD MUSTANG GT 5.0L	81109

D-PORT TECHNOLOGY



*Resonator Delete Kits

UNIVERSAL H-PIPE KITS

The Universal H-Pipe Kits are designed to ease the installation of a crossover pipe in a dual exhaust system. These H-Pipe kits will balance the pressure differences between the two sides of the exhaust, resulting in additional sound reduction and an increase in performance. Kits include T-Pipe connectors, balance pipes, and clamps.

DIAMETER	DESCRIPTION	PART#
2.50"	UNIVERSAL CUT TO FIT	15920



UNIVERSAL X-PIPE

Universal X-Pipe is perfect for custom applications that require a compact crossover point in a dual exhaust system. A great way to maximize the performance in any dual exhaust system.

DIA.	DESCRIPTION	PART#
2.25"	UNIVERSAL 409S STAINLESS STEEL	815952
2.50"	UNIVERSAL 409S STAINLESS STEEL	815953



TAILPIPES

Sold in pairs. Bare tailpipes are dual out rear exit (DOR) unless noted. Kits are 16-gauge aluminized steel or 409S stainless steel.

YEAR	DESCRIPTION	OFFSETS	DIAMETER	PART#
55-57	'55-'57 Chevrolet Sedan	O/C	2.50"	15816
59-64	'59-'64 Chevrolet Impala Tailpipe Kit only, 2.50" Mandrel-bent Tubing, use with Part Number 17413,OEM Exit	N/A	2.50"	1055
64-72	'64-'72 GM A-Body	O/O	2.50"	15802
64-72	'64-'72 GM A-Body (409S stainless steel)	O/O	2.50"	815802
64-67	'64-'67 GM A-Body	O/O	3.00"	15819
68-72	'68-'72 GM A-Body	O/O	3.00"	15818
67-69	'67-'69 Chevrolet Camaro / Pontiac Firebird	O/C	3.00"	15822
67-81	'67-'81 Chevrolet Camaro / Pontiac Firebird / '68-'74 Chevrolet Nova	O/C	2.50"	15801
67-81	'67-'81 Chevrolet Camaro / Pontiac Firebird / '68-'74 Chevrolet Nova (409S stainless steel)	O/C	2.50"	815801
78-88	'78-'88 GM G-Body	O/O	2.50"	15817
73-87	'73-'87 Chevrolet Pickup (Side Exit)	O/C	2.50"	15803
62-74	'62-'74 Mopar B-Body (w/o cutouts)	O/C	2.50"	15806
65-73	'65-'73 Ford Mustang / '67-'73 Mercury Cougar, Under Valance Exit, W/O Staggered Shocks	O/C	2.50"	15807
86-93	'86-'93 Ford Mustang, LX 5.0L / '86 GT 5.0L	O/C	2.50"	15804
86-93	'86-'93 Ford Mustang, LX 5.0L / '86 GT 5.0L, Stainless OEM Style Tips w/ Hangers	O/O	2.50"	15814
87-93	'87-'93 Ford Mustang, GT 5.0L	O/O	2.50"	15805
86-93	'86-'93 Ford Mustang, LX 5.0L / '86 GT 5.0L, Stainless OEM Style Tips w/ Hangers (409S stainless steel)	O/O	2.50"	815814
87-93	'87-'93 Mustang, LX 5.0L / '86 GT 5.0L, Stainless OEM Style Tips w/Hangers	O/O	3.00"	15820
94-97	'94-'97 Ford Mustang, GT 4.6L / 5.0L, Stainless OEM Style Tips w/ Hangers	O/O	2.50"	15815

*HARDWARE AND HANGERS ARE REQUIRED FOR INSTALLATION. THE OFFSETS LISTED ABOVE ARE RECOMMENDATIONS ONLY

UNIVERSAL TAILPIPE KIT

Designed for use on 90% of all trucks, vans, and SUVs. Incorporates 12 feet of aluminized mandrel-bent tubing with deep slip-fit connections. Aligns for left, right, or rear exit style routing. Welding suggested but may be clamped.

DIAMETER	DESCRIPTION	PART#
2.50"	UNIVERSAL CUT TO FIT	15901
3.00"	UNIVERSAL CUT TO FIT	15902
3.50"	UNIVERSAL CUT TO FIT	15903
4.00"	UNIVERSAL CUT TO FIT	15929



S-BENDS

A mandrel-formed s-bend pipe approximately 36.00" in length will simplify the routing and fabrication of exhaust. (6 per pack). Combo pack includes 2 each of 4.00", 6.00", 8.00"



DIAMETER	OFFSET	PART#
2.50"	COMBO PACK	15926
3.00"	COMBO PACK	15927

DOWN PIPE KITS



Our manifold down pipe kits are designed to use a Header-back exhaust system while using the factory exhaust manifolds. Utilizing mandrel-bent 409S stainless steel tubing and high-quality flange gaskets, Flowmaster's Manifold Down pipe kits are designed for the perfect leak-free fit.

DESCRIPTION	PART#
64-81 Chev. A-body/67-81 Chev. F-body, Small Block, With 3 Bolt Manifold Flanges, 2.50" (Will Not Work With Heat Riser or 62-67 Novas)	81068
65-74 Chevy/El Camino, 68-69 Nova, 68-70 Caprice/Impala/Bel Air, 70-74 Monte Carlo, Big Block Engine, With 3 Bolt Manifold Flanges, 2.5"	81071
67-72 Chevy, GMC, C10/C15 Pickup, 283/307/327/350, V8, 2WD, 2.5" , (Fits Only with Angled Ram Horn Manifolds).	81072
65-68 Pontiac, GTO, Tempest, LeMans, 389/400, V8, 2.5" (Fits Only with Manifold Castings 9779032-D/S and 9779328-P/S).	81073
67-68 Pontiac, Firebird, 350/400, V8, , 2.5" (Fits Only with Manifold Castings D/S - 9777755 and P/S - 97794320).	81074
65-67 Chevy Caprice, Impala, Bel air, Biscayne, 396, 427, V8, 2.5"	81075
64-66 Ford Mustang, 289, V8, Manifold Downpipes, 2.5" (Use With 817273 for Complete Manifold-back System).	81076
1975-1979 Chevy Corvette, (75-76 Models Without Smog/Air Pump), 5.7L, V8, 2.25"	81087
1980-1981 Chevy Corvette, 5.7L, V8, 2.25"	81088
1984-1985 Chevy Corvette, 5.7L, V8, 2.25"	81092
65-74 Oldsmobile, Cutlass, 442, 400, 455, V8, 2.5" , Fits With Factory Cast Iron Manifolds	81093
65-67 Chevy Corvette, 327, V8, W/Manual Trans, 2.25" , Use with X-Member back system p/n 817675.	81094
68-74 Chevy Corvette, 327, 350, V8, W/Auto Trans, 2.25" , For Manual Transmission use p/n 81098.	81095
63-67 Chevy Corvette, 327, V8, W/Auto Trans, W/Factory 2.0" Manifolds, 2.25" , Use W/ X-Member back system p/n 817675, Manual Trans use p/n 81094.	81096
68-74 Chevrolet Corvette, 327, 350, V8, W/Manual Transmission, 2.25" , For Automatic Transmission use p/n 81095.	81098

RESONATORS

Designed to be used with mufflers for improved sound reduction. Helps to eliminate interior resonance.

- >> **Fully-welded 16-gauge aluminized or stainless steel**
- >> **Reduces interior resonance**
- >> **Can be used with any muffler**
- >> **Call tech line for appropriate applications**



DESCRIPTION	MATERIAL	PART#
3.00" IN/OUT RESONATOR O / O 4.00" X 8.00" CASE	Aluminized steel	15110
RESONATOR KIT FOR '01-'04 GM 2500 HD 6.0L 4.00" X 8.00" CASE- compatible with 17328 kit	Aluminized steel	15131
2.50" IN/OUT RESONATOR O/O Same Side OUT 3.00" X 6.00" CASE	409S stainless steel	15150S

TECHNOLOGY

HEADERS

CONVERTERS

DELTA BOOST

CAR APP

TRUCK APP

MUFFLERS

RACE

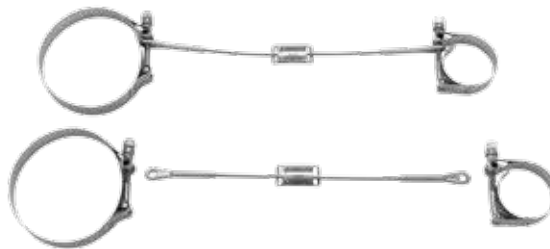
ACCESSORIES

INFO

NHRA ACCEPTED HEADER TETHER KITS

NHRA Accepted Header Tether Kits just released from Flowmaster! Introducing our NHRA accepted header collector tether kits. These stainless steel kits include two primary tube clamps, two collector clamps and two 10" long safety cables. Sold in pairs and made in the USA. Call for Applications!

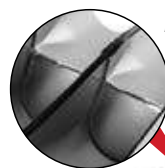
PRIMARY	OUTLET	PART#
1-7/8"	3-1/2"	15200
2"	3-1/2"	15201
2-1/8"	4"	15202
2-1/4"	4"	15203
2-1/2"	5"	15204



SCAVENGER SERIES COLLECTORS

Our unique, patented Scavenger Series "Y" Collector is founded on the principle of PULSE TECHNOLOGY. The large "D-shaped" ports in the collectors create a larger surface area to help pull the exhaust pulses from the opposing connected cylinders. This creates a cleaner burn for the incoming fuel and air resulting in an increased and broader torque curve, putting more power in the rpm range.

LENGTH	PRIMARY SIZE (SLIPFIT)	OUTLET SIZE (FINAL)	PART#
16.50"	2.00"	2.50"	Y200250
17.00"	2.25"	3.00"	Y214300
16.00"	2.50"	3.00"	Y250300
17.50"	2.50"	3.50"	Y250350
17.50"	3.00"	3.50"	Y300350
17.50"	3.00"	4.00"	Y300400
409S STAINLESS STEEL MODELS			
17.00"	2.25"	3.00"	Y214300S
16.00"	2.50"	3.00"	Y250300S



D-PORT TECHNOLOGY



SCAVENGER SERIES TURNDOWNS

Our turndowns mount directly to our Scavenger Series race mufflers and are highly recommended for even greater sound reduction.

SCAVENGER SERIES TURNDOWNS (SOLD IN PAIRS)	
DESCRIPTION	PART#
3.00" TURNDOWN FOR 3.00" OUTLET SCAVENGER	T3030
3.50" TURNDOWN FOR 3.50" OUTLET SCAVENGER	T3535
4.00" TURNDOWN FOR 4.00" OUTLET SCAVENGER	T4040



VENTURI REDUCER CONES

For a smooth pipe transition, our Venturi Reducer Cones make it easy. 8.00" in length. Sold in pairs

- >> 16-gauge aluminized tubing
- >> Smooth header collector to system transition
- >> Slip fit for ease of installation

DESCRIPTION	PART#
3.00" TO 2.50"	R3025
3.50" TO 3.00"	R3530



TURBO DIESEL DOWN PIPE KITS

The Turbo Diesel Down Pipe Kits are designed for use with Ford F-Series and Chevrolet diesel trucks. An easy installation of these kits will increase air flow by 25%.

>> **Mandrel-bent 16-gauge aluminized tubing**

>> **True seal Ball Flange connector**



YEAR	DIA.	DESCRIPTION	PART#
'99-'03	4.00"	4.00" Turbo Down pipe, Ford F-Series Super Duty 7.3L Powerstroke Turbo Diesel. 16 Gauge aluminized steel	1078
'95-'98	3.00"	'95-'98 Chevrolet GMC Truck, 6.5L Turbo Diesel Crossover/Down pipe Kit, Mandrel-bent 3.00" Down Pipe / 2.25" Cross Over, Tubing Only. 16 Gauge aluminized steel	17220

HEADER COLLECTOR BALL FLANGE KIT

Takes the place of messy three-bolt flange-type connections and allows for a leakfree and gasket-free Ball-Flange type connection. All kits are 16-gauge aluminized tubing and are sold in pairs.

DESCRIPTION	PART#
3.50" COLLECTOR TO 3.00" SYSTEM	15923
3.00" COLLECTOR TO 2.50" SYSTEM	15925
3.00" COLLECTOR TO 3.00" SYSTEM	15930
2.50" COLLECTOR TO 2.50" SYSTEM	15938



HEAT SHIELDS

Pre-formed aluminum heat shields are designed to mount on the muffler for added protection in reducing heat radiated from mufflers and also reducing interior noise. Attaches easily with included stainless steel straps.

DESCRIPTION - 5.00" x 10.00" x 16.00"	PART#
FITS SUPER 50 SERIES SUV MUFFLER	51017
FITS 70 SERIES BIG BLOCK II MUFFLER	51022
FITS 50 SERIES BIG BLOCK MUFFLER	51222



SLIP-FIT CONNECTORS

These 16-gauge aluminized steel connectors are a great accessory for any muffler swap or custom exhaust job.

DIA.	DESCRIPTION	PART#
3.00"	Aluminized steel Slip-fit Connector - 10" length	SF300
4.00"	Aluminized steel Slip-fit Connector - 10" length	SF400
5.00"	Aluminized steel Slip-fit Connector - 10" length	SF500



TIPS

Flowmaster's line of stainless steel Exhaust Tips are a great way to let people know that you have Flowmasters under your ride! They come in a variety of styles from brushed to polished and will greatly enhance the look of your vehicle!

***All tips are constructed of polished stainless steel and sold individually unless otherwise noted.**

TIP DIMENSIONS
OUTLET/INLET/LENGTH/WIDTH



3.50\"/>



4.00\"/>



4.00\"/>



5.00\"/>



5.00\"/>



4.00\"/>



3.50\"/>



4.00\"/>



4.00\"/>



3.00\"/>



3.50\"/>



3.00\"/>



2.50\"/>



3.00\"/>



3.00\"/>



4.00\"/>



5.00\"/>



3.00\"/>



3.00\"/>



3.00\"/>



3.50\"/>



3.00\"/>



5.00\"/>



2.25\"/>



4.00\"/>



3.00\"/>



3.50\"/>



4.00\"/>



3.00\"/>



3.00\"/>



5.00\"/>



5.00\"/>



3.50\"/>



3.00\"/>



2.75\"/>



3.25\"/>



3.50\"/>



3.00\"/>



2.50\"/>



3.00\"/>



3.00\"/>



3.00\"/>



3.00\"/>



4.00\"/>



3.50\"/>



3.50\"/>



3.50\"/>



3.50\"/>



3.00\"/>



3.00\"/>

TECHNOLOGY

HEADERS

CONVERTERS

DELTA BOOST

CAR APP

TRUCK APP

MUFFLERS

RACE

ACCESSORIES

INFO

PART NUMBERING SYSTEM

Flowmaster muffler part numbers use a system that is far more important than just a series of consecutive numbers. From a Flowmaster muffler part number, you can determine the product series, case thickness, inlet/outlet diameters and placement, as well as any special applications. Information regarding collectors is also available through the part number.

Prefix 80 = Stainless Steel
Original 40

Prefix 8 = Stainless Steel
Delta Flow

Prefix 9 = Aluminized
Delta Flow

CHAMBERED MUFFLERS

9 6 5 0 3 0 - 1 4

Special Designation

L = Left Side
R = Right Side
10 = 10.00" Wide
12 = 12.00" Wide
14 = 14.00" Wide

Case Thickness
3 = 3.00"
4 = 4.00"
5 = 5.00"
6 = 6.00"

Inlet / Outlet Diameter
20 = 2.00"
24 = 2.25"
25 = 2.50"
27 = 2.75"
30 = 3.00"
35 = 3.50"
40 = 4.00"
45 = 4.50"
50 = 5.00"

Series Designation
8 = 80 Series (Crossflow)
7 = 70 Series (Big Block II)
6 = 60 Series (Performance Import)
5 = 50 Series (3 Chamber)
4 = 40 Series (2 Chamber)
3 = 30 Series (Race)
2 = 20 Series (Race)
1 = 10 Series (I Chamber Race)

Inlet / Outlet Placement

Muffler Series 10,40,40DF, 50DF, 60, 70, 50BB

0 = Center Inlet - Center Outlet
1 = Offset Inlet - Center Outlet
2 = Center Inlet - Center Outlet
3 = Offset Inlet - Opposite Offset Outlet
4 = Offset Inlet - Same Offset Outlet

Muffler Series S40, S44, 50HD, S50

5 = Center Inlet - Center Outlet (5.00"x10.00", 50 Series)
6 = Offset Inlet - Center Outlet (5.00"x10.00", 50 Series)
7 = Center Inlet - Offset Outlet (5.00"x10.00", 50 Series)
8 = Offset Inlet - Opposite Offset Outlet (5.00"x10.00", 50 Series)
9 = Offset Inlet - Dual Outlet (5.00"x10.00", 50 Series)
00 = Center Inlet - Dual Outlet
01 = Corvette Replacement
02 = Center Inlet - Dual Outlet
03 = Dual In-Center Out
04 = Dual In-Dual Out
08 = Race Application - Designates 8.00" Case Width
09 = Race Application - Designates 9.00" Case Width
12 = Offset Inlet - Dual Outlet
22 = Center Inlet - Dual Outlet
32 = Offset Inlet - Dual Outlet
52 = Center In-Dual Out
53 = Dual In-Center Out
54 = Dual In-Dual Out

LAMINAR FLOW MUFFLERS

1 2 0 1 8 4 0 0

Laminar Flow
Pipe Diameter
Length

Series Designation
300 = HP2 (304 Stainless)
400 = HP2 (409S Stainless)
100 = Pro Series
101 = Pro Series w/ Turndown
310 = dBX Series

COLLECTORS

C-1 78 238 3 0 0

Collector
Inlet Diameter = 1 7/8" I.D.
Intermediate = 2 3/8"
Outlet Diameter = 3.00" O.D.

Y COLLECTOR

Y V 250 3 0 0

Y Pipe
Special Venturi Y
Race Only
Inlet Diameter = 2.50" I.D.
Outlet Diameter = 3.00" O.D.

QUICK FIT GUIDE

AGGRESSIVE TONE MUFFLERS						MODERATE TONE MUFFLERS				MILD TONE MUFFLERS		
DIAMETER	SUPER 10	SUPER 44	ORIGINAL 40	SUPER 40	40 DELTA	50 SERIES HD	50 DELTA SLIM	50 DELTA	60 SERIES	SUPER 50 SUV	70 BIG BLOCK II	50 BIG BLOCK
Inlet / Outlet	4"x9.75"x6.5"	4"x9.75"x13"	4"x9.75"x13"	5"x10"x13.5"	4"x9.75"x13"	5"x10"x18"	4"x8"x14"	4"x9.75"x17"	5"x10"x13"	5"x10"x17"	5"x10"x22"	5"x12"x22"
Center / Center												
2.00"	----	----	----	----	942040	----	----	----	952060	----	----	----
2.25"	----	942445	----	952445	942440	----	----	942450	952460	52455	----	----
2.50"	842515	942545	----	952545	942540	----	----	942550	----	52555	----	----
3.00"	843015	943045	----	953045	943040	----	----	943050	----	53055	853070	----
3.50"	----	----	----	----	----	----	----	----	----	----	----	----
4.00"	----	----	----	----	----	954055	----	----	----	----	----	----
Offset / Center												
2.00"	----	----	----	----	942041	----	----	942051	----	----	----	----
2.25"	----	942446 842446	42441 8042441	952446	942441	----	942456	942451 842451	----	52456	----	----
2.50"	842516	942546 842546	42541 8042541	952546 852546	942541 842541	----	----	942551 842551	----	52556 852556	52571	----
3.00"	843016	943046 843046	43041 8043041	953046 853046	943041 843041	9530560 8530560	----	943051 843051	----	53056	53071 853071	----
3.50"	----	----	----	----	----	----	----	----	----	----	----	53551
4.00"	----	----	----	----	----	----	----	----	----	----	----	----
Center / Offset												
2.00"	----	----	----	----	942042	----	----	----	952062	----	----	----
2.25"	----	942447	42442	952447	942442 842442	----	----	942452 842452	952462	52457	----	----
2.50"	842512	842547 942547	42542	952547	942542	----	----	942552	----	52557	52572	----
3.00"	----	943047	----	953047	943042	----	----	943052	----	53057 853057	53072 853072	----
3.50"	----	----	----	----	----	----	----	----	----	----	----	----
Offset / Offset (Opposite Side)												
2.00"	----	----	----	----	942043	----	----	----	----	----	----	----
2.25"	----	942448 842448	42443 8042443	952448	942443	----	----	942453 842453	----	52458	----	----
2.50"	842518	942548 842548	42543 8042543	952548 852548	942543 842543	----	----	942553 842553	----	52558 852558	52573	----
3.00"	----	943048 843048	43043 8043043	953048 853048	943043	8530580	----	943053	----	53058	853073	----
3.50"	----	----	----	----	----	953558 853558	----	----	----	----	----	53553
Offset / Offset (Same Side)												
2.00"	----	----	----	----	----	----	----	----	----	----	----	----
2.25"	----	942449	----	----	942444	----	----	----	----	----	----	----
2.50"	----	942549	----	952549	942544	----	----	----	----	----	----	----
3.00"	----	943049	----	953049	943044	----	----	----	----	----	----	----
Center / Dual												
2.00"/2.00"	----	----	----	----	----	----	----	----	----	----	----	----
2.25"/2.00"	----	----	----	----	----	----	----	----	----	----	----	----
2.25"/2.25"	----	9424472	----	----	9424422	----	----	----	----	----	----	----
2.50"/2.00"	----	----	----	----	9425402	----	----	9425502	----	----	----	----
2.50"/2.25"	8425152	9425452	----	----	9425422	----	----	----	----	525552	----	----
2.50"/2.50"	----	9425472	----	----	9425400	----	----	----	----	----	----	----
3.00"/2.25"	----	9430472	----	----	9430422	----	----	9430522	----	----	530722	----
3.00"/2.50"	8430152	9430452 8430452	430402 80430402	9530452 8530452	9430402 8430402	9530572	----	9430502 8430502	----	530552 8530552	530702 8530702	----
4.00"/3.00"	----	----	----	----	----	----	----	----	----	----	----	----
Offset / Dual												
2.00"/2.00"	----	----	----	----	----	----	----	----	----	----	----	----
2.25"/2.00"	----	----	----	----	----	----	----	9424512	----	----	----	----
2.50"/2.00"	----	----	----	----	----	----	----	----	----	----	----	----
2.50"/2.25"	----	----	----	----	9425432	----	----	----	----	----	----	----
2.50"/2.50"	----	----	----	----	----	----	----	----	----	525561	----	----
3.00"/2.50"	----	9430462	----	9530462	9430412	9530582	----	9430512	----	530562	----	----
4.00"/3.00"	----	----	----	----	----	----	----	----	----	----	----	----
Dual / Center												
2.25"/3.00"	----	----	----	----	----	----	----	----	----	524553 8524553	524703	----
Dual / Offset												
3.00"/3.50"	----	----	----	----	----	----	----	----	----	----	----	530513
Dual / Dual												
2.25"/2.25"	----	----	----	----	----	----	----	----	----	524554	524704	----
2.50"/2.50"	8425154	8425454	425404	9525454 8525454	----	8525554	----	----	----	----	----	----
2.75"/2.50"	----	----	----	----	----	----	----	----	----	----	----	527504
3.00"/2.50"	----	----	----	----	----	----	----	----	----	----	----	530504

TECHNOLOGY

HEADERS

CONVERTERS

DELTA BOOST

CAR APP

TRUCK APP

MUFFLERS

RACE

ACCESSORIES

INFO

SYSTEMS 101

For customers who are considering designing a custom exhaust system for their vehicle, we have listed some of the basic things to keep in mind when designing a true dual system. Most of these points can also be applied to a single system.

Header Collector Ball Flange Kits:

Replaces 3-bolt flanges with a leak free, gasketless connection and improves ground clearance.

Pipe Size: The correct pipe size can have a dramatic effect on the overall sound control and performance of the exhaust system. Too small of a size will cause restrictions; too big of a size will slow down the velocity of the pulses in the system and cause a loss in torque. See page 85 for pipe size guidelines.

Balance Pipe (H-pipe and Scavenger Pipe):

Balances the pressure of the exhaust pulses between the cylinder banks. This results in an increase in power, torque, and additional sound reduction. Can also reduce the drone associated with a non-balanced system. Scavenger X pipes can help improve torque by increasing the pulse velocity at lower RPM.

Muffler Selection: When selecting a muffler, take into consideration the engine size, the power level, pipe size, use of the vehicle, style of exhaust system, and desired sound level. Contact our tech line for assistance in selecting the proper muffler. We have over 16 different series to choose from. Our kits often use mufflers specifically designed for that application.

System Hangers: Adequate hangers should be used to properly support the system. Flowmaster uses OE style hangers in all systems.

Resonators: Resonators help fine tune a system when the overall sound level may be too high. Resonators help eliminate the frequencies that drone inside a vehicle.

Stainless Tips / Exit Location: Stainless tips allow the enthusiast to personalize the appearance of the exhaust system. Most of Flowmaster's systems have stainless tips and many of our dual out truck systems allow for two different exit locations.

FLOWMASTER APPAREL

FLOWMASTER OVAL LOGO TEE



White
Part # 61032

Charcoal
Part # 61033

Light Grey
Part # 61034

Black
Part # 61031

S	M	L	XL	XXL	XXXL
1	2	3	4	5	6

Add the desired size number to the end of the part number to specify size and color. (Part # 610323 = White/Large)

TEAM FLOWMASTER HAT



One Size Fits All (Velcro Strap)
Part # 600210

FLOWMASTER VINYL BANNERS



Flowmaster Large Banner - 84"x24" Part#651410
Banners are one sided vinyl with brass with grommets.

FREQUENTLY ASKED QUESTIONS

What makes a Flowmaster muffler different?

A Flowmaster muffler's patented "chambered" design is what sets it apart from any other muffler. The theory behind the design is based on basic principles of physics. By splitting the exhaust stream and then recombining them in another chamber, the collision of energy cancels the sound waves which creates a low-pressure area in its place. This resulting low-pressure area then helps scavenge/accelerate the following pulses into the muffler and out the tailpipe resulting in a more efficient and cleaner burn, which means more power.

How does Flowmaster compare to straight through mufflers?

Straight through mufflers are a perforated flow tube and rely on packing materials such as steel wool or fiberglass to simply absorb sound. While these mufflers may improve performance by using larger internal flow tubes, the packing materials will burn or blow out over time which results in an increase of sound until it eventually becomes ineffective. The Flowmaster design uses no packing and, therefore, will maintain its sound control over the life of the product.

How do Flowmaster mufflers rate on a flowbench (CFM)?

Many muffler manufacturers advertise, test, and rate the performance of their mufflers with the use of a flowbench. The problem with this methodology is that a flowbench produces a steady, low-temperature stream of air and lacks the acoustical and thermal dynamics that are produced by an internal combustion engine. Flowmaster designs, tests, and proves its products under real-world conditions in the dyno cell, at the track and on the road.

What does a Flowmaster muffler sound like?

The Flowmaster sound is unique to itself and is very different from that of glass packs or other packed style mufflers. The Flowmaster sound can best be described as a deep smooth sound and has proven to be the preferred and most recognized sound of most automotive enthusiasts. Flowmaster offers many different levels of sound from mild to aggressive. In general, the 60 series, 70 series, and Super 50 series mufflers are milder with reduced interior sound. The 50 Series Delta Flow mufflers are moderate, and the 40 series have a more aggressive tone.

What is the difference between a 40 series and a 50 series muffler?

The 50 series incorporates an internal tuning chamber that helps reduce interior sound level in the cab area of your vehicle, and provides a slightly milder exterior tone than the 40 series. The 40 series will generally resonate or "drone" inside the vehicle, around 1800-2000 rpm and again, around 2400-2600 rpm. The performance characteristics of the 40 and 50 series are the same.

How do I select the correct Flowmaster muffler?

The sound of your exhaust is much like music; we all have different preferences so it's important that the system be tuned to what you like. With the Flowmaster family of products we can help accomplish this by answering the questions below. This approach will allow you to choose the best product to suit your needs and expectations.

1. What is the vehicle year, make, and model?
2. Which engine do you have or how much horsepower does it produce?
3. What is the vehicle used for? ie: daily driver, race, towing etc.
4. Preferred sound levels (interior and exterior?)
5. What are the space requirements?
6. Would you like a complete exhaust system or universal pipe kit if available? Single or dual outlet?

Will I lose power going from a 40 series to a 50 series, or to a 70 series?

No. Flowmaster engineers have designed each series of mufflers with maximum efficiency in mind. The differences between the various muffler series are in the varying sound levels produced both inside and outside your vehicle. This is why it is so important to take the time to carefully choose the right product that will suit your individual needs and sound preferences.

What is Delta Flow technology?

This patented technology is an improvement over the original Flowmaster design that provides additional scavenging and reduction of resonance inside the vehicle. This advancement was born out of Flowmaster's extensive involvement in racing and its commitment to Research and Development. This new design incorporates additional delta deflectors placed at precise angles and spacing within .004-inch tolerance. The result is improved performance while maintaining a pleasant tone both inside and outside the vehicle.

What is Laminar Flow technology?

Laminar Flow Technology mufflers are the latest generation in the Flowmaster family of performance products featuring innovative, patented technology. Flowmaster Laminar Flow Technology mufflers actually accelerate the exhaust flow as it passes through the tapered core and expands into the large volume outer core area in multiple layers. This all adds up to a design that delivers distinct torque and horsepower improvements over straight-through designs, along with a deep, mellow exhaust tone. See page 5 for more information.

What kind of performance gains can I expect when installing a Flowmaster system?

Performance gains will vary dependent upon your application. The more power the vehicle makes, the bigger the gains will be. Generally in full size vehicle applications, a 5-7% gain of power is fairly typical, while 1-2 hp can be achieved. That is if you can keep your foot off the gas to hear that Flowmaster sound!

How can I be sure that I'm buying a Flowmaster muffler?

The Flowmaster name is embossed on every muffler case that Flowmaster builds. If it doesn't say Flowmaster on the case, it's not a real Flowmaster muffler. Buyer beware; Flowmaster knock-offs may look similar, but may not perform or sound the same, and often have a high defect return rate.

FREQUENTLY ASKED QUESTIONS

What size exhaust tubing should I use for my street application?

The size of tubing used in an exhaust system is as important as selecting the right muffler. Your tubing diameter choice will affect the sound level and performance characteristics of the muffler, but keep in mind that bigger is not always better. Using tubing that is too large can actually hinder exhaust scavenging by slowing the velocity of exhaust pulses in the tubing. As a rule, most stock street applications (dual exhaust) use 2.00" through 2.25" tubing, and modified street applications will generally use 2.25" or 2.50" tubing. Very rarely will 3.00" tubing be used for street applications. In general, the following guidelines should be applied for street applications:

SIZE (dual exhaust systems)	HORSEPOWER (per dual exhaust pipe)	GENERAL RULE OF THUMB	
2.00" tubing	up to 100 hp	Over 250hp engines	2.25" tubing
2.25" tubing	up to 160 hp	Over 400hp engines	2.50" tubing
2.50" tubing	up to 250 hp	Over 600hp engines	3.00" tubing
3.00" tubing	up to 300 hp		

Do I need to install an "H" pipe in my dual exhaust system?

Flowmaster strongly recommends using a crossover tube, otherwise known as an "H" pipe or balance pipe on all true dual exhaust systems. The crossover pipe equalizes the exhaust pulses and allows the sound waves to communicate between both banks of the engine. Not only does this usually improve torque in the low to mid rpm range, it also creates a deeper, mellower tone both inside and outside of the vehicle and helps eliminate "back-rap" on deceleration.

Is an "X" pipe better than an "H" pipe?

Flowmaster has performed extensive testing and determined that the "H" and "X" pipes deliver no significant difference in performance, but do affect tone, the "X" pipe giving off a higher pitched tone. Flowmaster Scavenger "X" pipes however do increase torque through use of their patented D-Port technology and retains the deep Flowmaster muffler tone desired by most performance enthusiasts.

Will my late-model vehicle run better if I replace the single inlet muffler with a true dual exhaust system?

Flowmaster does not recommend replacing factory single inlet exhaust systems with a "true dual" system on computer controlled vehicles. The computers in most late-model vehicles may not be able to compensate with the fuel needed when increasing the exhaust flow, and may void your factory warranty and emission compliance. Flowmaster's dual-outlet kits will give you the look of a "true dual" system, while optimizing the vehicle's performance.

Do I need to run tailpipes after the mufflers?

Yes, Flowmaster highly recommends running a minimum of 12" of tailpipe after the muffler. This will not only greatly help in sound control; but will also provide an increase in exhaust efficiency (more power). Running tailpipes out from under the car in street applications will also direct the potentially harmful exhaust fumes away from the vehicle as well as minimize the sound transmitted into the cab area of the vehicle.

What is Flowmaster's warranty?

All Flowmaster stainless steel products are covered by our **lifetime limited warranty** to the original purchaser. The Flowmaster aluminized products have a 3-year limited warranty against defective materials and workmanship (excluding race products). All warranty related returns must be processed through the original retail outlet with the original sales receipt.

What materials are used to build Flowmaster Mufflers?

All Flowmaster chambered products are fully MIG-welded and built from either 16-gauge aluminized steel or 409S stainless steel for durability and value. Select part numbers of the 40 and 50 series are offered in 409S stainless steel (check with the tech line for updates). The internal construction of all Laminar flow mufflers is 409S stainless steel and the dBX line of mufflers utilizes a 304 stainless steel outer casing hat can be polished to a high luster. The HP2 mufflers are also available with this material and final appearance.

Is stainless steel a better material for manufacturing exhaust products than aluminized steel?

Not necessarily . . . and it can heavily depend on where you live and your vehicle application. Through years of field testing under street and racing conditions, we've found in many applications aluminized steel is just as durable as stainless steel at a slightly reduced cost. If you live where road salt can come in contact with your vehicle on a regular basis, a stainless steel muffler is the right choice. For most racing and high-performance applications where daily-driver chores are not commonplace aluminized mufflers are a great thing to consider.

Will installing a Flowmaster Cat-back exhaust system void my vehicle's factory warranty?

There are some modifications that have the potential to void a vehicle's factory warranty, but modifying the exhaust system after the catalytic converter is not one of them. All Flowmaster exhaust systems are designed vehicle specific and do not violate the manufacturer's factory warranty.

Are Flowmaster Performance Cat-back exhaust systems and mufflers street legal?

Flowmaster has fifteen different styles of performance mufflers allowing customers the opportunity to choose a FLOWMASTER signature sound ranging from mild to moderate or aggressive to accommodate the customer's local and state laws.

Please note: Using FLOWMASTER performance exhaust in conjunction with other performance modifications i.e. high flow air filters, air boxes, headers etc., can cause an increase in exhaust dB's that could exceed allowable local limits.

LIFETIME WARRANTY



Flowmaster's Stainless Steel Lifetime Limited Warranty

Flowmaster, the Exhaust Technology Company, stands behind not only our technology, but the outstanding durability of our products. All Flowmaster 409S and 304 stainless steel mufflers and exhaust systems are backed by our Lifetime Limited Warranty for the original purchaser .

Flowmaster aluminized steel mufflers, aluminized steel exhaust systems, aluminized steel exhaust kits, exhaust tips, and other non-race exhaust accessories are backed by a 3 year warranty for the original purchaser.

Flowmaster Scavenger Series® Elite Headers are backed by a one year warranty for material and workmanship to the original purchaser.

Flowmaster 49 state EPA Catalytic Converters are backed by a 25,000 mile emissions warranty and a five-year, 50,000 mile warranty on the stainless steel case.

Our goal is to continue to provide performance exhaust products built from the finest materials available to the highest standards in the industry. That commitment is now backed by the best warranties in the industry.

Please note, parts used on competition vehicles are not covered under warranty.



***The Exclusive Performance
Exhaust Of NASCAR***

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Welcome to the Flowmaster Technical Manual. Included inside are detailed specifications of all Flowmaster exhaust systems, with descriptions of included mufflers, tailpipe exit locations, included tips and layout illustrations. All exhaust systems are listed in numerical order. Please refer to the full catalog or website for application information. Also included are breakdowns of Flowmaster muffler part numbers, dimensions and other technical info.

Please note: Parts labeled 'Discontinued' are no longer in production but are included for reference.

MUFFLER INLET/OUTLET

SYSTEM SERIES CATEGORY

SYSTEM TYPE:
CAT-BACK
TURBO BACK
ETC.

INVENTORY PART DESCRIPTION

SOUND TONE LEVEL:
MILD
MODERATE
AGGRESSIVE

2WD: TWO WHEEL DRIVE
4WD: FOUR WHEEL DRIVE

DETAILED TWO-DIMENSIONAL DRAWING OF THE SYSTEM

GENERAL DESCRIPTION

SYSTEM EXIT POSITION ON THE VEHICLE

HEATSHIELD INCLUDED IN SYSTEM Y/NA

TIP DIAMETER AT THE EXIT NOT THE CONNECTION SIZE

MUFFLER SERIES

PIPE TUBING DIAMETER

MAIN MATERIALS USED IN THE CONSTRUCTION OF THE SYSTEM

DESCRIPTION

PART# 17417

AMERICAN THUNDER SYSTEM 04-08 F150 4.6/5.4L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	HEATSHIELD	DRIVE TYPE (2/4WD)	EXIT POSITION
3.00	2.50	Cat-back System	N/A	2WD/4WD	Dual Rear/Side Exit
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)	EXIT POSITION	
2.50	American Thunder	N/A	2WD/4WD	Dual Rear/Side Exit	
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION		
Aluminized Steel	Super 40 Series	3.00	Dual Rear/Side Exit		

DESCRIPTION

'04-'08 Ford F-150, 4.6L/5.4L, All WB, 2/4 Wheel Drive, 2.50" Outlets, Super 40 Series Muffler, 3.00" Logo Embossed Stainless Tips, American Thunder, Incl. Tube Extensions For DOR And DOS In System, Mandrel Bent Tubing, 16 Gauge Aluminized Steel

ABBREVIATION LEGEND

SC	Standard Cab	DOR	Dual Out Rear
CC	Crew Cab	DOS	Dual Out Side
EC	Extended Cab	SOR	Single Out Rear
SB	Short Bed	SOS	Single Out Side
LB	Long Bed	DOD	Dual Out Dumps
WB	Wheelbase		
AMT	American Thunder		
FII	Force II		
BX	Boxes		

PART NUMBERING SYSTEM

Flowmaster muffler part numbers use a system that is far more important than just a series of consecutive numbers. From a Flowmaster muffler part number, you can determine the product series, case thickness, inlet/outlet diameters and placement, as well as any special applications. Information regarding collectors is also available through the part number.

Prefix 80 = Stainless Steel
Original 40

Prefix 8 = Stainless Steel
Delta Flow

Prefix 9 = Aluminized
Delta Flow

CHAMBERED MUFFLERS

9 6 5 0 3 0 - 1 4

Special Designation

L = Left Side
R = Right Side
10 = 10.00" Wide
12 = 12.00" Wide
14 = 14.00" Wide

Case Thickness

3 = 3.00"
4 = 4.00"
5 = 5.00"
6 = 6.00"

Inlet / Outlet Diameter

20 = 2.00"
24 = 2.25"
25 = 2.50"
27 = 2.75"
30 = 3.00"
35 = 3.50"
40 = 4.00"
45 = 4.50"
50 = 5.00"

Series Designation

8 = 80 Series (Crossflow)
7 = 70 Series (Big Block II)
6 = 60 Series (Performance Import)
5 = 50 Series (3 Chamber)
4 = 40 Series (2 Chamber)
3 = 30 Series (Race)
2 = 20 Series (Race)
1 = 10 Series (1 Chamber Race)

Inlet / Outlet Placement

Muffler Series 10,40,40DF, 50DF, 60, 70, 50BB

0 = Center Inlet - Center Outlet
1 = Offset Inlet - Center Outlet
2 = Center Inlet - Center Outlet
3 = Offset Inlet - Opposite Offset Outlet
4 = Offset Inlet - Same Offset Outlet

Muffler Series S40, S44, 50HD, S50

5 = Center Inlet - Center Outlet (5.00"x10.00", 50 Series)
6 = Offset Inlet - Center Outlet (5.00"x10.00", 50 Series)
7 = Center Inlet - Offset Outlet (5.00"x10.00", 50 Series)
8 = Offset Inlet - Opposite Offset Outlet (5.00"x10.00", 50 Series)
9 = Offset Inlet - Dual Outlet (5.00"x10.00", 50 Series)
00 = Center Inlet - Dual Outlet
01 = Corvette Replacement
02 = Center Inlet - Dual Outlet
03 = Dual In-Center Out
04 = Dual In-Dual Out
08 = Race Application - Designates 8.00" Case Width
09 = Race Application - Designates 9.00" Case Width
12 = Offset Inlet - Dual Outlet
22 = Center Inlet - Dual Outlet
32 = Offset Inlet - Dual Outlet
52 = Center In-Dual Out
53 = Dual In-Center Out
54 = Dual In-Dual Out

LAMINAR FLOW MUFFLERS

1 2 0 1 8 4 0 0

Laminar Flow

Pipe Diameter

Length

Series Designation

300 = HP2 (304 Stainless)
400 = HP2 (409S Stainless)
100 = Pro Series
101 = Pro Series w/ Turndown
310 = dBX Series

COLLECTORS

C - 1 7 8 2 3 8 3 0 0

Collector

Inlet Diameter = 1 7/8" I.D.

Intermediate = 2 3/8"

Outlet Diameter = 3.00" O.D.

Y COLLECTOR

Y V 2 5 0 3 0 0

Y Pipe

Special Venturi Y
Race Only

Inlet Diameter = 2.50" I.D.

Outlet Diameter = 3.00" O.D.

SELECTING A MUFFLER

The sound of your exhaust is much like music; we all have different preferences so it's important that the system be "tuned" to what you like. With the Flowmaster family of products we can help accomplish this by answering the questions below. This approach will allow you to choose the best product to suite your needs and expectations.

1. What is the vehicle year, make, model?
2. Which engine do you have or how much horsepower does it produce?
3. What is the vehicle used for? ie: daily driver, race, towing etc.
4. Preferred sound levels (interior and exterior?)
5. How are the space requirements?
6. Single or dual outlet?



TUBING DIAMETER

SINGLE PIPE DIAMETER	HORSEPOWER	DUAL PIPE DIAMETER	HORSEPOWER
2.50"	150 - 200	2.50"	UP TO 400
3.00"	200 - 250	3.00"	UP TO 500
3.50"	250 - 350	3.50"	UP TO 700
4.00"	350 - 425	4.00"	UP TO 850
4.50"	425 - 500	4.50"	UP TO 1000
5.00"	500 and up		

H-PIPE VS. X-PIPE

Flowmaster strongly recommends using a crossover pipe in all 'true' dual exhaust systems. The crossover system equalizes the exhaust pressure pulses exiting each bank of the engine, allowing the engine to run more smoothly. The crossover generally increases low-end and mid-range torque and delivers a smoother overall tone to the exhaust.

Crossovers are commonly known as H or X-pipes. These two types perform the same function in somewhat different ways. While H-pipes provide a simple pressure equalization avenue, X-pipes tend to trade some exhaust flow from side to side. In both dynamometer and real-world on-vehicle testing, it has been shown that the two designs generally provide almost identical performance benefits in many different applications. Common exceptions are engines operated at sustained high RPM (8000+), where X-pipes show a small edge over H-pipes.

In some instances, however, it has been shown that X-pipes, especially when combined with Flowmaster mufflers, can 'over scavenge' an engine, causing performance (horsepower) losses. A very important point to remember is that every engine and vehicle combination is different, and what works well on one vehicle might be completely wrong for the next.

TAILPIPE LENGTH

Flowmaster highly recommends running a minimum of twelve inches of tailpipe after the muffler(s) on street-driven vehicles. This not only provides better sound control but also delivers an increase in usable performance. Exiting exhaust out from under the vehicle also reduces the possibility of introducing harmful exhaust gases into the vehicle and generally reduces interior sound levels. Race vehicles, due to different performance requirements, can use shorter tailpipes or turndowns for space/weight considerations.

SYSTEM DESCRIPTIONS

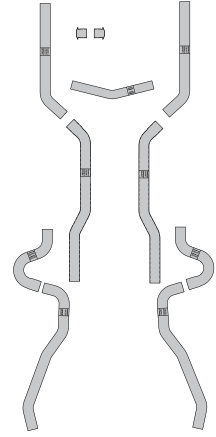
PART# 1040

HEADER BACK PIPE KIT 68-72 GM A-BODY

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
N/A	N/A	Pipe Kit	N/A
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	N/A	N/A	N/A
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	N/A	N/A	Dual Rear Exit

DESCRIPTION

68-72 GM A-Body, V-8, All 3.00" Mandrel Bent Tubing From Trans X-Member Back, Incl. H-Pipe, (Mufflers Must Be Purchased Separately, Requires Offset / Offset Mufflers), DOR, 16 Gauge Aluminized Steel, Welding Required, Slip-Fit Connections.



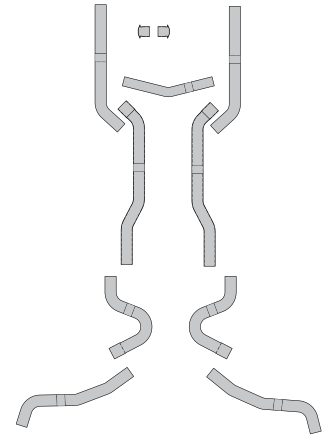
PART# 1041

HEADER BACK PIPE KIT 64-67 GM A-BODY

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
N/A	N/A	Pipe Kit	N/A
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	N/A	N/A	N/A
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	N/A	N/A	Dual Side Exit

DESCRIPTION

64-67 GM A-Body, V-8, All 3.00" Mandrel Bent Tubing From Trans X-Member Back, Incl. H-Pipe, (Mufflers Must Be Purchased Separately, Requires Offset / Offset Mufflers), DOS, 16 Gauge Aluminized Steel, Welding Required, Slip-Fit Connections.



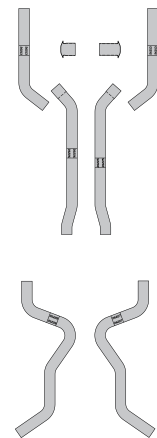
PART# 1050

HEADER BACK PIPE KIT 67-69 CAMARO / FIREBIRD

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
N/A	N/A	Pipe Kit	N/A
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	N/A	N/A	N/A
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	N/A	N/A	Dual Rear Exit

DESCRIPTION

67-69 GM F-Body, V-8, All 3.00" Mandrel Bent Tubing From Trans X-Member Back, Incl. H-Pipe, (Mufflers Must Be Purchased Separately, Requires Offset / Center Mufflers), DOR, 16 Gauge Aluminized Steel, Welding Required, Slip-Fit Connections.



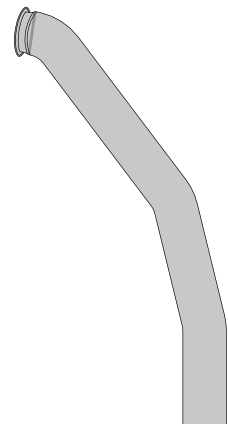
PART# 1078

TURBO DOWN PIPE 99-03 7.3L FORD POWERSTROKE

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
N/A	N/A	Turbo Down Pipe	N/A
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
4.00	N/A	N/A	N/A
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	N/A	N/A	N/A

DESCRIPTION

99-03 Ford 7.3L Power Stroke Diesel Turbo Down Pipe, 4.00" Mandrel Bent 16 Gauge Aluminized Tubing.



SYSTEM DESCRIPTIONS

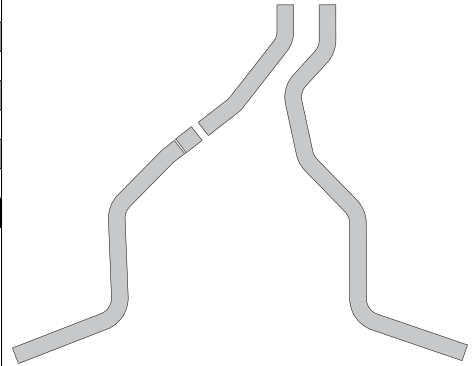
PART # 15811

89-98 CHEVROLET/GMC C1500, K1500

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
None	None	Tailpipe	None
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	None	No	RWD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	None	None	DOS

DESCRIPTION

88-98 Chevy/GMC Pickup, C1500, K1500, Dual Tailpipes, Side Exit, 2.50", Mandrel Bent Tubing, 16 Gauge Aluminized Steel: 1 pr



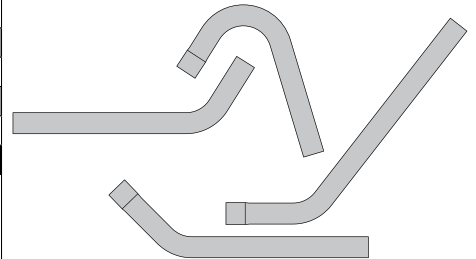
PART # 15901

UNIVERSAL TAILPIPE KIT 2.50" 4PC

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
N/A	N/A	Tailpipe Kit	N/A
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	N/A	N/A	N/A
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	N/A	N/A	N/A

DESCRIPTION

Tailpipe, 2.50" Mandrel Bent Tubing, Universal 4 Piece Kit, Slip-Fit Connections, Requires Welding, 16 Gauge Aluminized Steel: 1 set



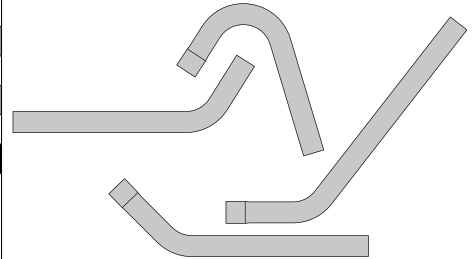
PART # 15902

UNIVERSAL TAILPIPE KIT 3.00" 4PC

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
N/A	N/A	Tailpipe Kit	N/A
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	N/A	N/A	N/A
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	N/A	N/A	N/A

DESCRIPTION

Tailpipe, 3.00" Mandrel Bent Tubing, Universal 4 Piece Kit, Slip-Fit Connections, Requires Welding, 16 Gauge Aluminized Steel: 1 set.



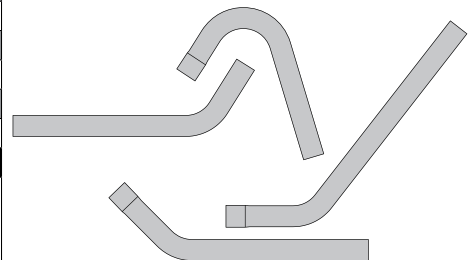
PART # 15903

UNIVERSAL TAILPIPE KIT 3.50" 4PC

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
N/A	N/A	Tailpipe Kit	N/A
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.50	N/A	N/A	N/A
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	N/A	N/A	N/A

DESCRIPTION

Tailpipe, 3.50" Mandrel Bent Tubing, Universal 4 Piece Kit, Slip-Fit Connections, Requires Welding, 16 Gauge Aluminized Steel: 1 set.



SYSTEM DESCRIPTIONS

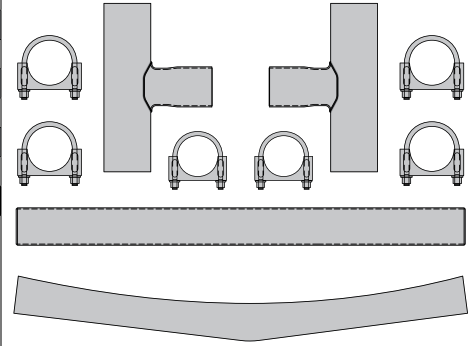
PART# 15920

BALANCE PIPE KIT 2.50"

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
N/A	N/A	Pipe Kit	N/A
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	N/A	N/A	N/A
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	N/A	N/A	N/A

DESCRIPTION

Balance Pipe Kit, 2.50" (Kit Incl. 2 T-Pipe Connectors, Balance Pipe, and Clamps), Mandrel Bent Tubing, 16 Gauge Aluminized Steel: 1 Kit.



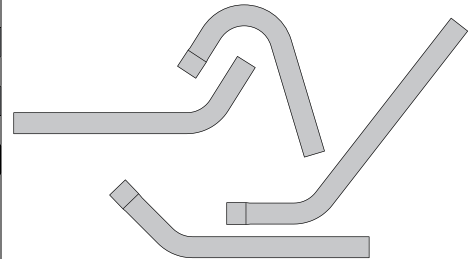
PART# 15929

UNIVERSAL TAILPIPE KIT 4.00" 4PC

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
N/A	N/A	Tailpipe Kit	N/A
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
4.00	N/A	N/A	N/A
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	N/A	N/A	N/A

DESCRIPTION

Tailpipe, 4.00", Universal 4 Piece Kit, Slip-Fit Connections, Requires Welding, Mandrel Bent Tubing, 16 Gauge Aluminized Steel: 1 set.



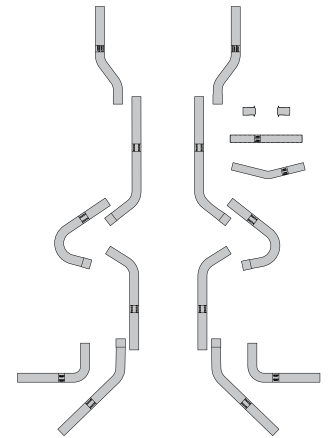
PART# 15935

U-FIT DUAL KIT 2.25"

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
N/A	N/A	Pipe Kit	N/A
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.25	N/A	N/A	N/A
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	N/A	N/A	N/A

DESCRIPTION

U-Fit Dual Kit, 2.25" 16 PC. Universal Dual Pipe Kit (pipes only), Mandrel Bent Tubing, 16 Gauge Aluminized Steel, Slip-Fit Connections.



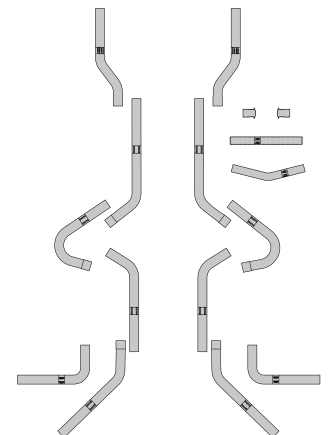
PART# 15936

U-FIT DUAL KIT 2.50"

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
N/A	N/A	Pipe Kit	N/A
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	N/A	N/A	N/A
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	N/A	N/A	N/A

DESCRIPTION

U-Fit Dual Kit, 2.50" 16 PC. Universal Dual Pipe Kit (pipes only), Mandrel Bent Tubing, 16 Gauge Aluminized Steel, Slip-Fit Connections.



SYSTEM DESCRIPTIONS

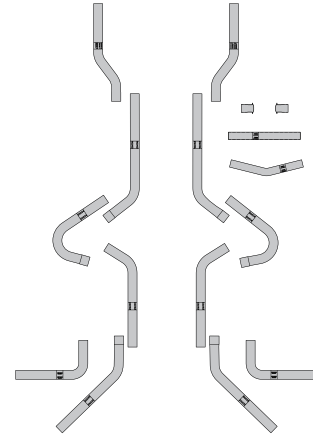
PART # 15937

U-FIT DUAL KIT 3.00"

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
N/A	N/A	Pipe Kit	N/A
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	N/A	N/A	N/A
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	N/A	N/A	N/A

DESCRIPTION

U-Fit Dual Kit, 3.00" 16 PC. Universal Dual Pipe Kit (pipes only) Mandrel Bent Tubing, 16 Gauge Aluminized Steel, Slip-Fit Connections.



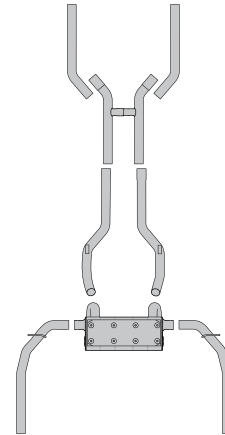
PART # 17104

AMERICAN THUNDER SYSTEM 67-74 CHEVY CAMARO/PONTIAC FIREBIRD/ 68-74 CHEVY NOVA

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Header-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	Special	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	80 Series Crossflow	N/A	Dual Rear Exit

DESCRIPTION

67-74 Chevy Camaro / Pontiac Firebird, 68-74 Chev. Nova, V8, All 2.50" Mandrel Bent Tubing From Trans X-Member Back, Incl. H-Pipe, Hardware, 80 Series Crossflow Muffler, 16 Gauge Aluminized Steel, American Thunder, Dual out rear. Does Not Fit Convertibles Without X-Brace Modifications. Call Tech Support For More Information.



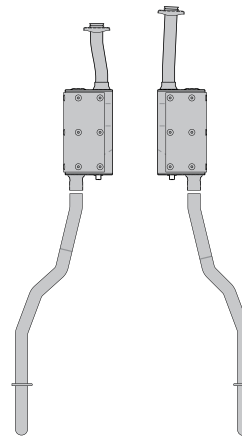
PART # 17106

FORCE II SYSTEM 87-93 FORD MUSTANG GT 5.0

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Force II	Special	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	50 Series Delta Flow	N/A	Dual Rear Exit

DESCRIPTION

87-93 Ford Mustang, GT, 5.0L, 2.50" Outlet, 50 Series Delta Flow Mufflers, Force II, Dual out rear, Mandrel Bent Tubing, 16 Gauge Aluminized Steel.



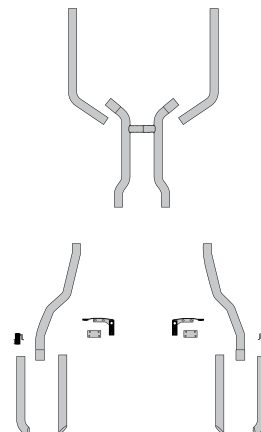
PART # 17107

HEADER BACK PIPE KIT 64-72 GM A-BODY

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
N/A	N/A	Pipe Kit	N/A
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Pipes Only	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	N/A	N/A	Dual Rear Exit

DESCRIPTION

64-72 GM A-Body, V-8, All 2.50" Mandrel Bent Tubing From Trans X-Member Back, Incl. H-Pipe, Hardware, (Mufflers Must Be Purchased Separately, Requires Offset / Offset Mufflers) DOR, 16 Gauge Aluminized Steel.



SYSTEM DESCRIPTIONS

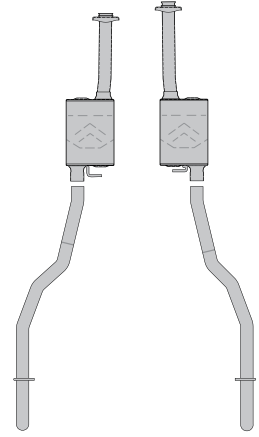
PART# 17112

AMERICAN THUNDER SYSTEM 94-97 FORD MUSTANG GT 4.6/5.0L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	Super 44 Series	N/A	Dual Rear Exit

DESCRIPTION

94-97 Ford Mustang, GT / Cobra, 4.6L / 5.0L, 2.50" Outlet, Super 44 Series Mufflers, American Thunder, Dual out rear, Mandrel Bent Tubing, 16 Gauge Aluminized Steel



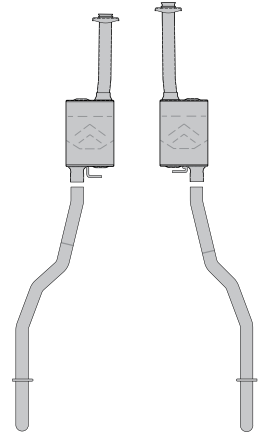
PART# 17113

AMERICAN THUNDER SYSTEM 86-93 FORD MUSTANG LX 5.0L / 86 GT

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	Super 44 Series	N/A	Dual Rear Exit

DESCRIPTION

86-93 Ford Mustang, LX, 5.0L / '86 GT 5.0L, 2.50" Outlet, Super 44 Series Mufflers, American Thunder, Dual out rear, Mandrel Bent Tubing, 16 Gauge Aluminized Steel



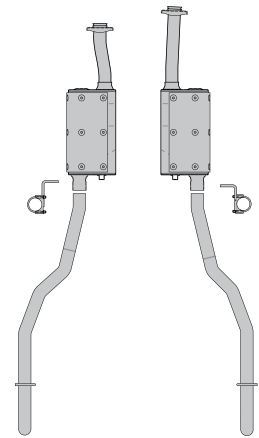
PART# 17114

FORCE II SYSTEM 94-97 FORD MUSTANG 4.6L/5.0L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Mild/Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Force II	Special	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	50 Series Delta Flow	N/A	Dual Rear Exit

DESCRIPTION

94-97 Ford Mustang, GT / Cobra, 4.6L / 5.0L, 2.50" Outlet, 50 Series Delta Flow Mufflers, Force II, Dual out rear, Mandrel Bent Tubing, 16 Gauge Aluminized Steel



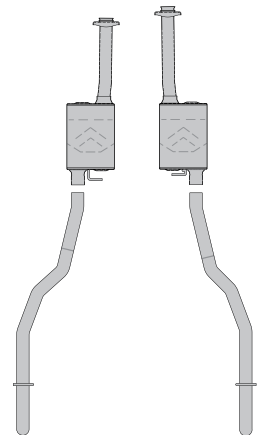
PART# 17116

AMERICAN THUNDER SYSTEM 87-93 FORD MUSTANG GT 5.0L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	Super 44 Series	N/A	Dual Rear Exit

DESCRIPTION

87-93 Ford Mustang GT, 5.0L, 2.50" Outlet, Super 44 Series Mufflers, American Thunder, Dual out rear, Mandrel Bent Tubing, 16 Gauge Aluminized Steel



SYSTEM DESCRIPTIONS

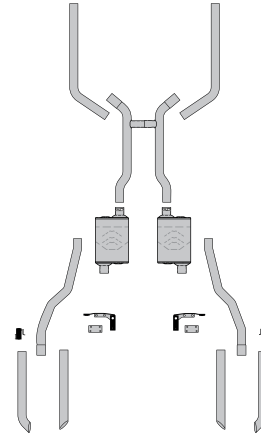
PART# 17119

AMERICAN THUNDER SYSTEM 64-72 GM A-BODY V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Header-back System	Moderate/Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	Super 40 Series	N/A	Dual Rear Exit

DESCRIPTION

64-72 GM A-Body, V-8, All 2.50" Mandrel Bent Tubing From Trans X-Member Back, Incl. H-Pipe, Hardware, Super 40 Series Mufflers, American Thunder, Dual out rear, 16 Gauge Aluminized Steel



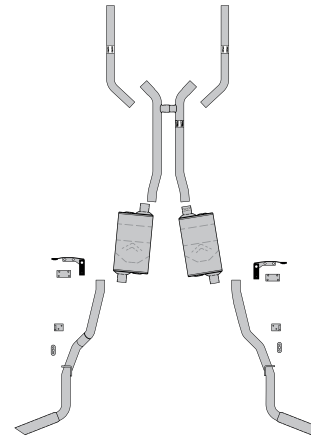
PART# 17120

AMERICAN THUNDER SYSTEM 64-72 CHEVROLET EL CAMINO/GMC SPRINT

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Header-back System	Moderate/Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	Super 50 Series	3	Dual Side Exit

DESCRIPTION

'6472 Chevy El Camino / GMC Sprint, V8, All 2.50" Mandrel Bent Tubing From Trans X-Member Back, Incl. H-Pipe, Hardware, Super 50 Series Mufflers, 3.00" Stainless Tips, American Thunder, Dual out side, 16 Gauge Aluminized Steel



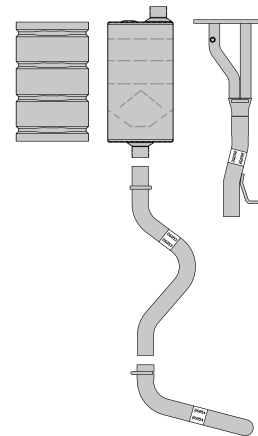
PART# 17122

FORCE II SYSTEM 96-99 CHEVROLET SUBURBAN 5.7L 1/2T

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back System	Mild
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Force II	51222	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	50 Series Big Block	N/A	Single Side Exit

DESCRIPTION

96-99 Chevy / GMC, Suburban, 1/2Ton, 5.7L, (W/ Dual Cats), 2/4 Wheel Drive, 3.00" Outlet, 50 Series Big Block Muffler, Force II, Single out side, Mandrel Bent Tubing, 16 Gauge Aluminized Steel



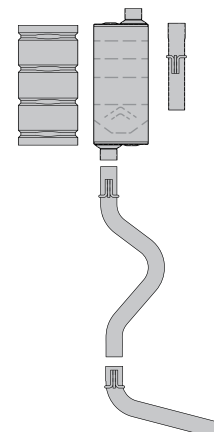
PART# 17125

FORCE II SYSTEM 88-92 CHEVROLET SILVERADO/GMC SIERRA 1500/2500

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back System	Mild
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Force II	51022	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	70 Series Big Block	N/A	Single Side Exit

DESCRIPTION

88-92 Chevy Silverado / GMC Sierra, 1500 / 2500 Truck, 1/2Ton, 3/4 Ton, 5.7L, (W/Slip-Fit Cat), 2/4 Wheel Drive, Std. Cab / Short Bed, 117" WB, Flat Style Hangers, 3.00" Outlet, 70 Series Big Block II Muffler, Force II, Single out side, Mandrel Bent Tubing, 16 Gauge Aluminized Steel



SYSTEM DESCRIPTIONS

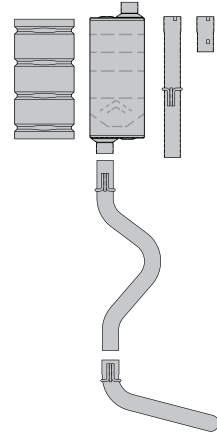
PART # 17126

FORCE II SYSTEM 88-92 CHEVROLET SILVERADO/GMC SIERRA 1500/2500

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back System	Mild
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Force II	51022	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	70 Series Big Block	N/A	Single Side Exit

DESCRIPTION

88-92 Chevy Silverado / GMC Sierra, 1500 / 2500 Truck, 1/2Ton, 3/4 Ton, 5.7L, (W/Slip-Fit Cat), 2/4 Wheel Drive, Std. Cab / Long Bed, 131" WB, Flat Style Hangers, 3.00" Outlet, 70 Series Big Block II Muffler, Force II, Single out side, Mandrel Bent Tubing, 16 Gauge Aluminized Steel



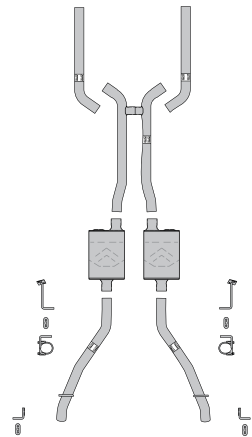
PART # 17129

AMERICAN THUNDER SYSTEM 67-68 CHEVROLET CAMARO/PONTIAC FIREBIRD

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Header-back System	Moderate/Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	Super 44 Series	N/A	Dual Rear Exit

DESCRIPTION

67-68 Chevy Camaro / Pontiac Firebird, V-8, All 2.50" Mandrel Bent Tubing From Trans X-Member Back, Incl. H-Pipe, Hardware, Super 44 Series Mufflers, American Thunder, Factory Location Exit, Dual out rear, 16 Gauge Aluminized Steel. Does Not Fit Convertibles Without X-Brace Modification. Call Tech Support For More Information.



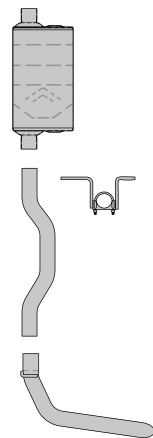
PART # 17132

FORCE II SYSTEM 87-96 FORD BRONCO V8 5.0/5.8L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.25	2.25	Cat-back System	Mild
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.25	Force II	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	Super 50 Series	N/A	Single Side Exit

DESCRIPTION

87-96 Ford Bronco, 5.0L/5.8L, 2/4 Wheel Drive, 2.25" Outlet, Super 50 Series Muffler, Force II, Single out side, Mandrel Bent Tubing, 16 Gauge Aluminized Steel.



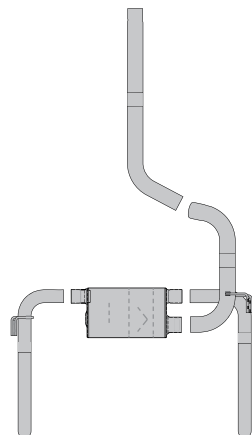
PART # 17133

AMERICAN THUNDER SYSTEM 95-97 CHEVROLET CAMARO/PONTIAC FIREBIRD

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	2.50	Cat-back System	Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	80 Series Crossflow	N/A	Dual Rear Exit

DESCRIPTION

95-97 Chevy Camaro / Pontiac Firebird, LT-1, 5.7L, (W/Dual Cats), Dual 2.50" Outlet, 80 Series Crossflow Muffler, American Thunder, Dual out rear, Mandrel Bent Tubing, 16 Gauge Aluminized Steel.



SYSTEM DESCRIPTIONS

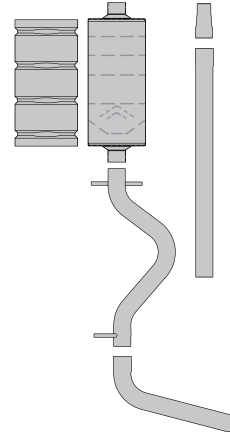
PART# 17135

FORCE II SYSTEM 87-96 FORD F-150 TRUCK 4.9/5L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back System	Mild
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Force II	51022	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	70 Series Big Block	N/A	Single Side Exit

DESCRIPTION

87-96 Ford Truck, F-150, 1/2Ton, 4.9L / 5.0L / 5.8L, 2/4 Wheel Drive, All Wheelbases, 3.00" Outlet, 70 Series Big Block II Muffler, Force II, Single out side, Mandrel Bent Tubing, 16 Gauge Aluminized Steel.



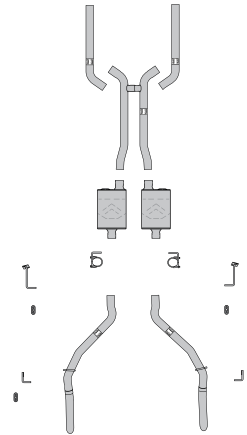
PART# 17139

AMERICAN THUNDER SYSTEM 1969 CHEVROLET CAMARO/PONTIAC FIREBIRD

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Header-back System	Moderate/Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	Super 44 Series	2.5	Dual Rear Exit

DESCRIPTION

1969 Chevy Camaro / Pontiac Firebird, V-8, All 2.50" Mandrel Bent Tubing From Trans X-Member Back, Incl. H-Pipe, Hardware, Super 44 Series Mufflers, Stainless Tips, American Thunder, Dual out rear, 16 Gauge Aluminized Steel. Does Not Fit Convertibles Without X-Brace Modification. Call Tech Support For More Information.



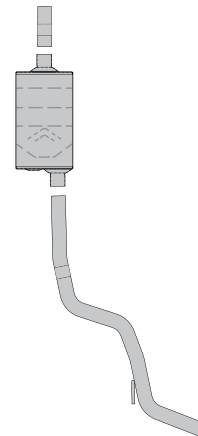
PART# 17142

AMERICAN THUNDER SYSTEM 93-95 JEEP GRAND CHEROKEE 5.2L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	Super 50 Series	N/A	Single Side Exit

DESCRIPTION

93-95 Jeep Grand Cherokee, 5.2L, 2/4 Wheel Drive, 2.50" Outlet, Super 50 Series Muffler, American Thunder, Single out side, Mandrel Bent Tubing, 16 Gauge Aluminized Steel.



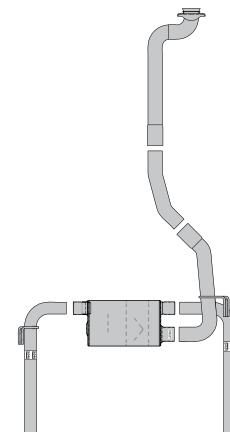
PART# 17143

AMERICAN THUNDER SYSTEM 93-95 CHEVROLET CAMARO/PONTIAC FIREBIRD

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	2.50	Cat-back System	Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	80 Series Crossflow	N/A	Dual Rear Exit

DESCRIPTION

93-95 Chevy Camaro / Pontiac Firebird, LT-1, 5.7L, (W/3.00" Flanged Cat), Dual 2.50" Outlet, 80 Series Crossflow Muffler, American Thunder, Dual out rear, Mandrel Bent Tubing, 16 Gauge Aluminized Steel.



SYSTEM DESCRIPTIONS

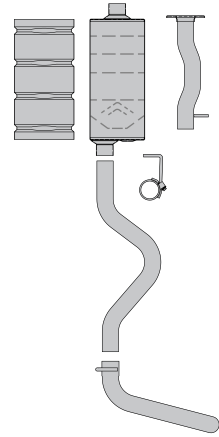
PART # 17147

FORCE II SYSTEM 93-95 CHEVROLET SILVERADO/GMC SIERRA 1500

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back System	Mild
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Force II	51022	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	70 Series Big Block	N/A	Single Side Exit

DESCRIPTION

93-95 Chevy Silverado / GMC Sierra, 1500 Truck, 1/2Ton, 5.0L / 5.7L, (W/Flanged Cat), 2/4 Wheel Drive, Ext. Cab / Short Bed, 141" WB, 3.00" Outlet, 70 Series Big Block II Muffler, Force II, Single out side, Mandrel Bent Tubing, 16 Gauge Aluminized Steel.



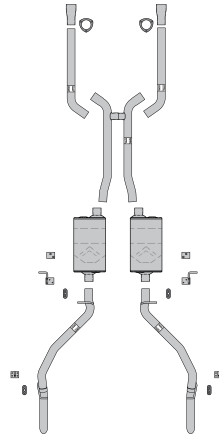
PART # 17149

AMERICAN THUNDER SYSTEM 70-74 CHEVY CAMARO/PONTIAC FIREBIRD

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Header-back System	Moderate/Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	50 Series Delta Flow	2.50	Dual Rear Exit

DESCRIPTION

'70-'74 Chevy Camaro / Pontiac Firebird, V-8, All 2.50" Mandrel Bent Tubing From Trans X-Member Back, Incl. H-Pipe, Hardware, 3.00" x 10.00" 50 Series Delta Flow Mufflers, Stainless Tips, American Thunder, Dual out rear, 16 Gauge Aluminized Steel.



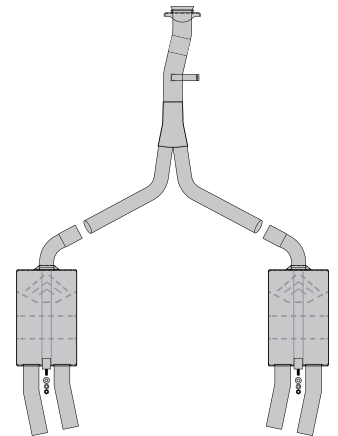
PART # 17153

FORCE II SYSTEM 86-90 CHEVROLET CORVETTE 5.7L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.25	2.50	Cat-back System	Mild
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Force II	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	50 Series Delta Flow	2.5	Dual Rear Exit

DESCRIPTION

86-90 Chevy Corvette, 5.7L, 3.00"/2.25" Rear Y-Pipe, Hardware, 50 Series Delta Flow Mufflers with 2.50" Stainless Tips (4), Force II, Dual out rear, Mandrel Bent Tubing, 16 Gauge Aluminized Steel.



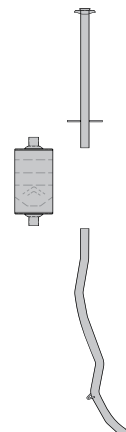
PART # 17159

AMERICAN THUNDER SYSTEM 90-94 FORD RANGER TRUCK 4.0L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.25	2.25	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.25	American Thunder	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	Super 50 Series	N/A	Single Side Exit

DESCRIPTION

90-94 Ford Ranger, 4.0L V6, 2/4 Wheel Drive, Ext. Cab / Short Bed, 2.25" Outlet, Super 50 Series Muffler, American Thunder, Single out side, Mandrel Bent Tubing, 16 Gauge Aluminized Steel.



SYSTEM DESCRIPTIONS

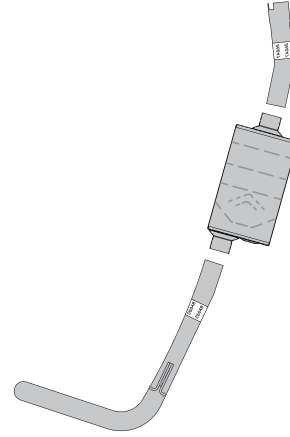
PART# 17161

FORCE II SYSTEM 87-91 CHEVROLET/GMC BLAZER/JIMMY 5.7L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back System	Mild/Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Force II	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	Super 50 Series	N/A	Single Side Exit

DESCRIPTION

87-91 Chevy / GMC, K5 Blazer / Jimmy, 5.7L, 2/4 Wheel Drive, 3.00" Outlet, Super 50 Series Muffler, Force II, Single out side, Mandrel Bent Tubing, 16 Gauge Aluminized Steel.



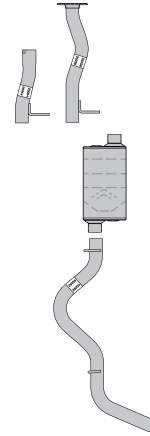
PART# 17162

AMERICAN THUNDER SYSTEM 92-95 CHEVROLET BLAZER/GMC JIMMY 5.7L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	American Thunder	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	Super 50 Series	N/A	Single Side Exit

DESCRIPTION

92-95 Chevy Blazer / GMC Jimmy, 5.7L, 2/4 Wheel Drive, 3.00" Outlet, Super 50 Series Muffler, American Thunder, (For Early '95 Fit, Check Factory Cat), Single out side, Mandrel Bent Tubing, 16 Gauge Aluminized Steel.



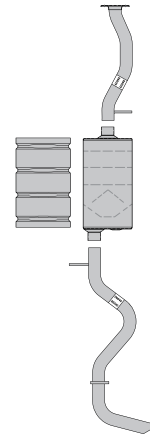
PART# 17164

FORCE II SYSTEM 1995 CHEVROLET TAHOE/GMC YUKON 5.7L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back System	Mild
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Force II	51222	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	50 Series Big Block	N/A	Single Side Exit

DESCRIPTION

95-95 Chevy / GMC, Tahoe / Yukon, 5.7L, (W/Flanged Cat), 2/4 Wheel Drive, 4 Door Only, 3.00" Outlet, 50 Series Big Block Muffler, Force II, Single out side, 16 Gauge Aluminized Steel.



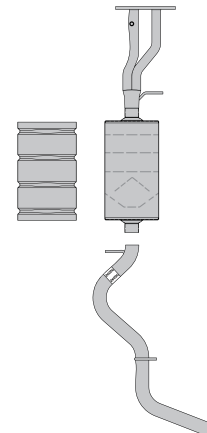
PART# 17165

FORCE II SYSTEM 96-99 CHEVROLET TAHOE/GMC YUKON 5.7L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.00	3.00	Cat-back System	Mild
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Force II	51222	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	50 Series Big Block	N/A	Single Side Exit

DESCRIPTION

96-99 Chevy Tahoe / GMC Yukon, 5.7L, 2/4 Wheel Drive, 2 Door Only, Dual Inlet, 3.00" Outlet, 50 Series Big Block Muffler, Force II, Single out side, Mandrel Bent Tubing, 16 Gauge Aluminized Steel.



SYSTEM DESCRIPTIONS

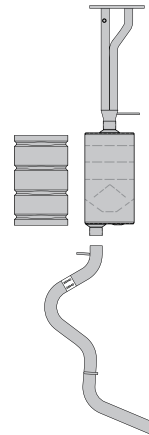
PART # 17166

FORCE II SYSTEM 96-99 CHEVROLET TAHOE/GMC YUKON 5.7L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.00	3.00	Cat-back System	Mild
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Force II	51222	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	50 Series Big Block	N/A	Single Side Exit

DESCRIPTION

96-99 Chevy Tahoe / GMC Yukon, 5.7L, 2/4 Wheel Drive, 4 Door Only, Dual Inlet, 3.00" Outlet, 50 Series Big Block Muffler, Force II, Single out side, Mandrel Bent Tubing, 16 Gauge Aluminized Steel.



PART # 17170

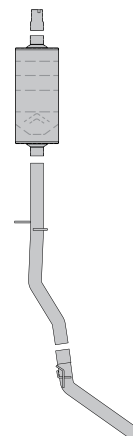
FORCE II SYSTEM 94-97 DODGE RAM 5.2L/5.9L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back System	Mild
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Force II	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	70 Series Big Block	N/A	Single Side Exit

DESCRIPTION

94-97 Dodge Ram, 1/2Ton / 3/4Ton, 5.2L / 5.9L, 2/4 Wheel Drive, All Wheelbases, 3.00" Outlet, 70 Series Big Block II Muffler, Force II, Single out side, Mandrel Bent Tubing, 16 Gauge Aluminized Steel.

DISCONTINUED



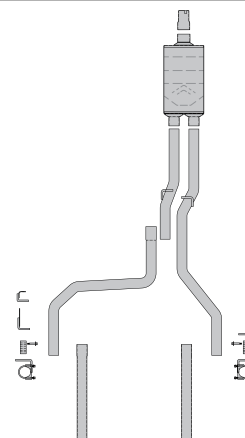
PART # 17171

AMERICAN THUNDER SYSTEM 94-01 DODGE RAM 5.2/5.9L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	2.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	Super 50 Series	N/A	Dual Rear Exit

DESCRIPTION

94-01 Dodge Ram, 1/2Ton, 5.2L / 5.9L, 2/4 Wheel Drive, All Wheelbases, 2.50" Outlets, Super 50 Series Muffler, American Thunder, Dual out rear, Mandrel Bent Tubing, 16 Gauge Aluminized Steel



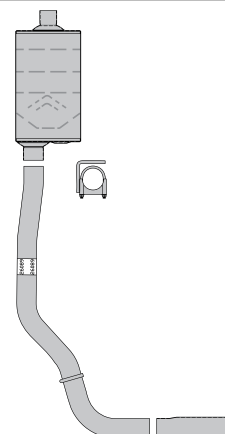
PART # 17173

FORCE II SYSTEM 97-99 DODGE DAKOTA 5.2/5.9L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back System	Mild/Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Force II	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	Super 50 series	3.50	Single Side Exit

DESCRIPTION

97-99 Dodge Dakota, 5.2L / 5.9L, 2/4 Wheel Drive, All Wheelbases, 3.00" Outlet, Super 50 Series Muffler, 3.50" Logo Embossed Stainless Tip, Force II, Single out side, Mandrel Bent Tubing, 16 Gauge Aluminized Steel



SYSTEM DESCRIPTIONS

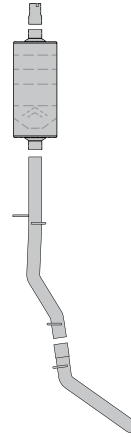
PART # 17178

FORCE II SYSTEM 98-01 DODGE RAM 1500/2500 5.2L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	3.00	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Force II	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	70 Series Big Block	N/A	Single Side Exit

DESCRIPTION

98-01 Dodge Ram 1500 / 2500, 1/2Ton / 3/4Ton, 5.2L / 5.9L, 2/4 Wheel Drive, All Wheelbases, 3.00" Outlet, 70 Series Big Block II Muffler, Force II, Single out side, Mandrel Bent Tubing, 16 Gauge Aluminized Steel



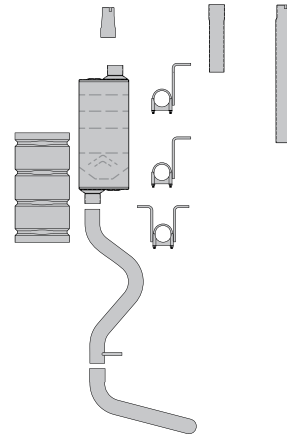
PART # 17198

FORCE II SYSTEM 87-93 FORD F-250/F-350 7.5L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back System	Mild
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Force II	51022	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	70 Series Big Block	N/A	Single Side Exit

DESCRIPTION

87-93 Ford Truck, F250 / F350, 3/4Ton / 1Ton, 7.5L, (W/2.50" Cat), 2/4 Wheel Drive, All Wheelbases Incl. Crew Cab, 3.00" Outlet, 70 Series Big Block II Muffler, Force II, Single out side, Mandrel Bent Tubing, 16 Gauge Aluminized Steel



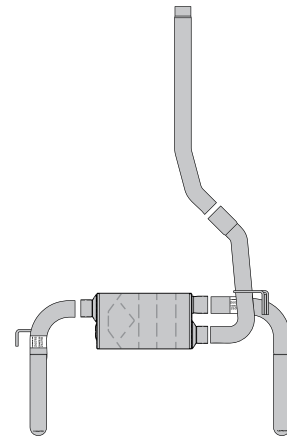
PART # 17199

AMERICAN THUNDER SYSTEM 98-02 CHEVROLET CAMARO/PONTIAC FIREBIRD

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back System	Moderate/Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	80 Series Crossflow	3.00	Dual Rear Exit

DESCRIPTION

98-02 Chevy Camaro / Pontiac Firebird, LS-1, 5.7L, Dual 3.00" Outlet, 5.00" x 10.00" 80 Series Crossflow Muffler, 3.00" Stainless Tips, American Thunder, Dual out rear, Mandrel Bent Tubing, 16 Gauge Aluminized Steel



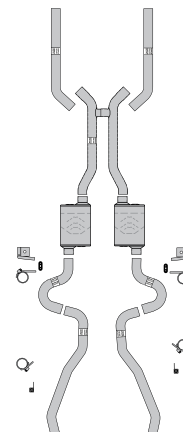
PART # 17200

AMERICAN THUNDER SYSTEM 68-72 GM A-BODY

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Header-back System	Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	Super 40 Series	N/A	Dual Rear Exit

DESCRIPTION

68-72 GM A-Body, V-8, All 3.00" Mandrel Bent Tubing From Trans X-Member Back, Incl. H-Pipe, Hardware, Super 40 Series Mufflers, American Thunder, Dual out rear, 16 Gauge Aluminized Steel



SYSTEM DESCRIPTIONS

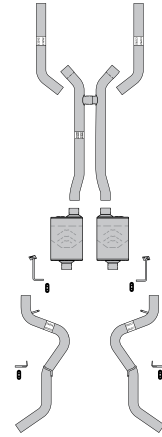
PART # 17201

AMERICAN THUNDER SYSTEM 67-69 CHEVROLET CAMARO/PONTIAC FIREBIRD

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Header-back System	Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	Super 40 Series	N/A	Dual Rear Exit

DESCRIPTION

67-69 Chevy Camaro / Pontiac Firebird, V-8, All 3.00" Mandrel Bent Tubing From Trans X-Member Back, Incl. H-Pipe, Hardware, Super 40 Series Mufflers, American Thunder, Factory Location Exit, Dual out rear, 16 Gauge Aluminized Steel. Does Not Fit Convertibles Without X-Brace Modification. Call Tech Support For More Information.



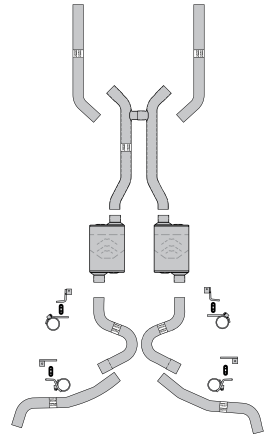
PART # 17202

AMERICAN THUNDER SYSTEM 64-67 GM A-BODY

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Header-back System	Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	Super 40 Series	N/A	Dual Side Exit

DESCRIPTION

64-67 GM A-Body, V-8, All 3.00" Mandrel Bent Tubing From Trans X-Member Back, Incl. H-Pipe, Hardware, Super 40 Series Mufflers, American Thunder, Dual out side, 16 Gauge Aluminized Steel



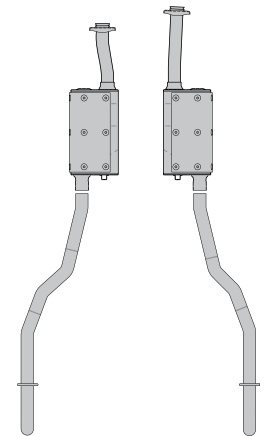
PART # 17203

FORCE II SYSTEM 86-93 FORD MUSTANG LX/1986 GT, 5.0L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Force II	Special	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	50 Series Delta Flow	2.50	Dual Rear Exit

DESCRIPTION

86-93 Ford Mustang, LX 5.0L / '86 GT 5.0L, 2.50" Outlet, 50 Series Delta Flow Mufflers, Stainless OEM Style Tips, Force II, Dual out rear, Mandrel Bent Tubing, 16 Gauge Aluminized Steel



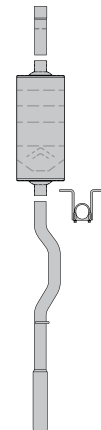
PART # 17208

FORCE II SYSTEM 98-03 DODGE DURANGO V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Force II	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	70 Series Big Block	3.00	Single Rear Exit

DESCRIPTION

98-03 Dodge Durango, 4.7L / 5.2L / 5.9L, 2/4 Wheel Drive, 2.50" Outlet, 70 Series Big Block II Muffler, 3.00" Stainless Tip, American Thunder, Single out rear, Mandrel Bent Tubing, 16 Gauge Aluminized Steel



SYSTEM DESCRIPTIONS

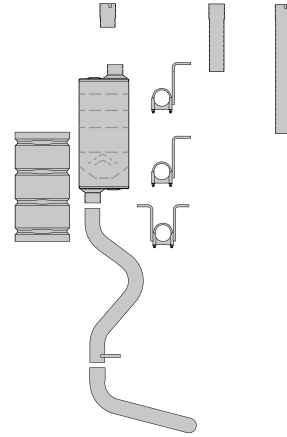
PART# 17211

FORCE II SYSTEM 94-97 FORD F-250/350 5.8L/7.5L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back System	Mild
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Force II	51022	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	70 Series Big Block	N/A	Single Side Exit

DESCRIPTION

94-97 Ford Truck, F250 / F350, 3/4Ton / 1Ton, 5.8L / 7.5L, (W/3.00" Cat), 2/4 Wheel Drive, All Wheelbases Incl. Crew Cab, 3.00" Outlet, 70 Series Big Block II Muffler, Force II, Single out side, Mandrel Bent Tubing, 16 Gauge Aluminized Steel



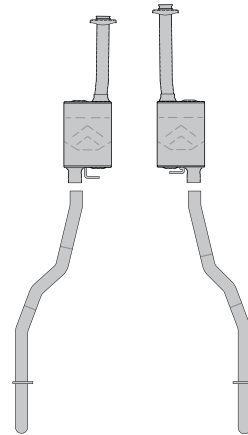
PART# 17212

AMERICAN THUNDER SYSTEM 94-97 FORD MUSTANG GT/COBRA, 4.6L/5.0L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	Super 44 Series	2.50	Dual Rear Exit

DESCRIPTION

94-97 Ford Mustang, GT / Cobra, 4.6L / 5.0L, 2.50" Outlet, Super 44 Series Mufflers, Stainless OEM Style Tips, American Thunder, Dual out rear, Mandrel Bent Tubing, 16 Gauge Aluminized Steel



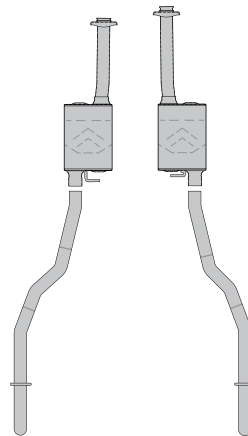
PART# 17213

AMERICAN THUNDER SYSTEM 86-93 FORD MUSTANG LX 5.0L/ 1986 GT

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	Super 44 Series	2.50	Dual Rear Exit

DESCRIPTION

86-93 Ford Mustang, LX , 5.0L / 1986 GT 5.0L, 2.50" Outlet, Super 44 Series Mufflers, Stainless OEM Style Tips, American Thunder, Dual out rear, Mandrel Bent Tubing, 16 Gauge Aluminized Steel



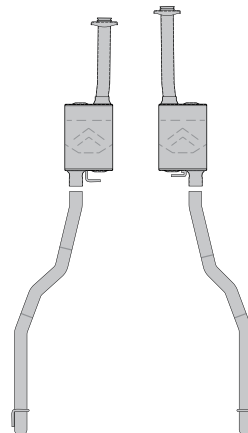
PART# 17215

AMERICAN THUNDER SYSTEM 1998 FORD MUSTANG GT/COBRA 4.6L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	Super 44 Series	2.50	Dual Rear Exit

DESCRIPTION

1998 Ford Mustang, GT / Cobra, 4.6L, 2.50" Outlet, Super 44 Series Mufflers, Stainless OEM Style Tips, American Thunder, Dual out rear, Mandrel Bent Tubing, 16 Gauge Aluminized Steel



SYSTEM DESCRIPTIONS

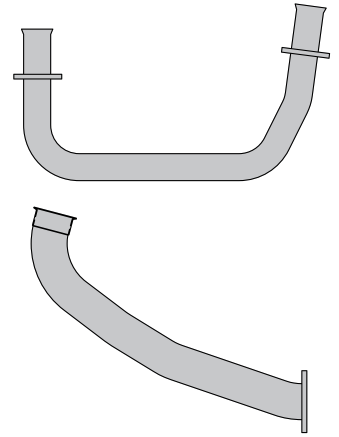
PART# 17220

TURBO DOWN PIPE KIT 95-98 CHEVROLET/GMC 6.5L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
N/A	N/A	Pipe System	N/A
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
N/A	Pipes Only	N/A	N/A
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	N/A	N/A	N/A

DESCRIPTION

95-98 Chevy / GMC Truck, 6.5L Turbo Diesel Crossover/Downpipe Kit, Incl. Mandrel Bent 3.00" Down Pipe / 2.25" Cross Over, Tubing Only: 1 kit (muffler must be purchased separately, requires O/O muffler), 16 Gauge Aluminized Steel



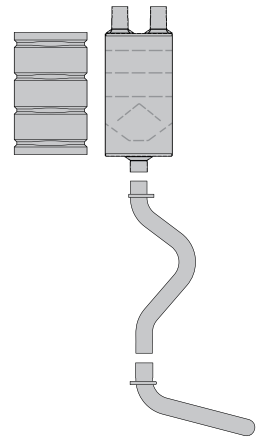
PART# 17224

AMERICAN THUNDER SYSTEM 96-99 CHEVROLET SILVERADO/GMC SIERRA 2500/3500

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.75	3.00	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	American Thunder	51222	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	50 Series Big Block	N/A	Single Side Exit

DESCRIPTION

96-99 Chevy Silverado / GMC Sierra, 2500 / 3500 Truck, 3/4Ton / 1Ton, Fuel Injected 5.7L HD/ 7.4L, 2/4 Wheel Drive, Ext. Cab / Long Bed, Crew Cab Dually, 155", 168" WB, 3.00" Outlet, 50 Series Big Block Muffler, Requires Welding, American Thunder, Single out side, Mandrel Bent Tubing, 16 Gauge Aluminized Steel



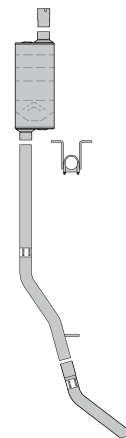
PART# 17229

FORCE II SYSTEM 99-04 FORD F-250/F-250

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back System	Mild/Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Force II	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	70 Series Big Block	N/A	Single Side Exit

DESCRIPTION

99-04 Ford Truck, F-250 / F-350, 3/4Ton / 1Ton / Super Duty, V8 / V10, 2/4 Wheel Drive, 133", 155", 168.4" WB, 3.00" Outlet, 70 Series Big Block II Muffler, Force II, Single out side, Mandrel Bent Tubing, 16 Gauge Aluminized Steel



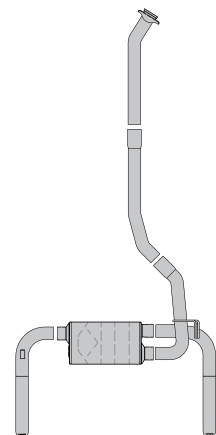
PART# 17233

AMERICAN THUNDER SYSTEM 86-91 CHEVROLET CAMARO/PONTIAC FIREBIRD

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	80 Series Crossflow	3.00	Dual Rear Exit

DESCRIPTION

'86-'91 Chevy Camaro / Pontiac Firebird, 5.0L / 5.7L, (W/3.00" Flanged Cat), 3.00" Outlets, 5.00" x 10.00" 80 Series Crossflow Muffler, 3.00" Logo Embossed Stainless Tips, American Thunder, Dual out rear, Mandrel Bent Tubing, 16 Gauge Aluminized Steel



SYSTEM DESCRIPTIONS

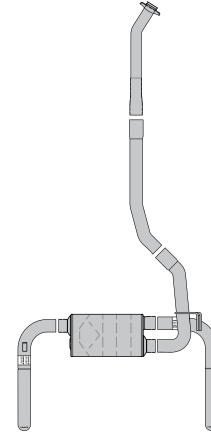
PART # 17234

AMERICAN THUNDER SYSTEM 86-91 CHEVROLET CAMARO/PONTIAC FIREBIRD

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	3.00	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	80 Series Crossflow	3.00	Dual Rear Exit

DESCRIPTION

86-91 Chevy Camaro / Pontiac Firebird, 5.0L / 5.7L, (W/2.50" Flanged Cat), 3.00" Outlets, 5.00" x 10.00" 80 Series Crossflow Muffler, 3.00" Logo Embossed Stainless Tips, American Thunder, Dual out rear, Mandrel Bent Tubing, 16 Gauge Aluminized Steel



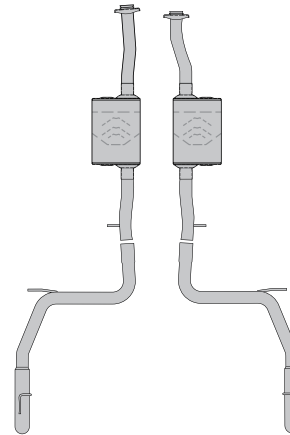
PART # 17248

AMERICAN THUNDER SYSTEM 99-04 FORD MUSTANG COBRA 4.6L DOHC

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	Super 40 Series	3.00	Dual Rear Exit

DESCRIPTION

99-04 Ford Mustang Cobra, 4.6L DOHC, 2.50" Outlet, Super 40 Series Mufflers, 3.00" Stainless OEM Style Tips, American Thunder, Dual out rear, Mandrel Bent Tubing, 16 Gauge Aluminized Steel



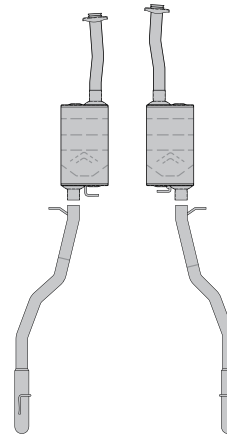
PART # 17267

FORCE II SYSTEM 99-04 FORD MUSTANG GT/MACH1/BULLIT

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Mild
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Force II	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	Super 50 Series	3.00	Dual Rear Exit

DESCRIPTION

'99-'04 Ford Mustang, GT, MACH1 / Bullitt, (Not Cobra), 4.6L, 2.50" Outlet, Super 50 Series Mufflers, 3.00" Stainless Tips, Force II, Dual out rear, Mandrel Bent Tubing, 16 Gauge Aluminized Steel



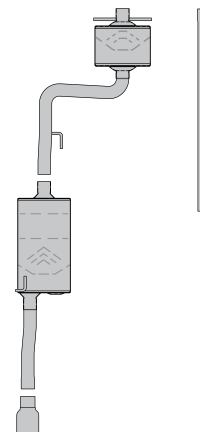
PART # 17268

FORCE II SYSTEM 93-98 VOLKSWAGEN JETTA 2.0L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.25	2.25	Cat-back System	Mild
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.25	Force II	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	50 Series Delta Flow	4.00	Single Rear Exit

DESCRIPTION

93-98 Volkswagen Jetta, 2.0L, 2.25" Tubing, Hardware, Resonator, 50 Series Delta Flow Muffler, 4.00" Logo Embossed Stainless Tip, Force II, Single out rear, Mandrel Bent Tubing, 16 Gauge Aluminized Steel



SYSTEM DESCRIPTIONS

PART# 17269

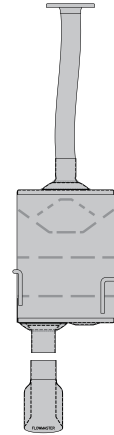
AMERICAN THUNDER SYSTEM 96-99 HONDA CIVIC 1.6L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.00	2.00	Axle-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.00	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	60 Series Delta Flow	4.00	Single Rear Exit

DESCRIPTION

96-99 Honda Civic (Not '99 SI), 1.6L, 2 / 4 Door, Flange-Back, 2.00" Outlet, 60 Series Delta Flow Muffler, 4.00" Logo Embossed Stainless Tip, American Thunder, Single out rear, Mandrel Bent Tubing, 16 Gauge Aluminized Steel.

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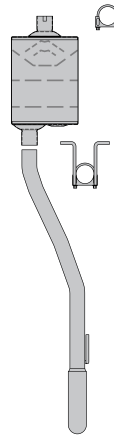
PART# 17272

FORCE II SYSTEM 91-95 JEEP WRANGLER YJ 4.0L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.25	2.25	Cat-back System	Mild
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.25	Force II	None	4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	60 Series Delta Flow	2.50	Single Rear Exit

DESCRIPTION

91-95 Jeep Wrangler, 4.0L HO, 4 Wheel Drive Only, 2.25" Outlet, 60 Series Delta Flow Muffler, 2.50" Stainless Tip, Force II, Single out rear, Mandrel Bent Tubing, 16 Gauge Aluminized Steel



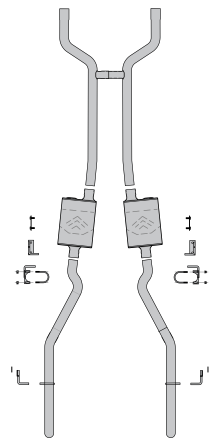
PART# 17273

AMERICAN THUNDER SYSTEM 64-66 FORD MUSTANG V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Header-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	40 Series Delta Flow	2.50	Dual Rear Exit

DESCRIPTION

64-66 Ford Mustang (Not GT), V-8, (Does NOT fit convertibles). All 2.50" Mandrel Bent Tubing From Trans X-Member Back, Incl. H-Pipe, Hardware, 40 Series Delta Flow Mufflers, Stainless Tips, American Thunder, Dual out rear, 16 Gauge Aluminized Steel



PART# 17274

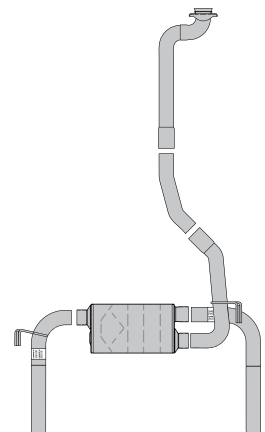
AMERICAN THUNDER SYSTEM 93-95 CHEVROLET CAMARO/PONTIAC FIREBIRD

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back System	Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	80 Series Crossflow	3.00	Dual Rear Exit

DESCRIPTION

93-95 Chevy Camaro / Pontiac Firebird, LT-1, 5.7L, (W/Single 3.00" Flanged Cat), 3.00" Outlets, 5.00" x 10.00" 80 Series Crossflow Muffler, Logo Embossed Stainless Tips, American Thunder, Dual out rear, Mandrel Bent Tubing, 16 Gauge Aluminized Steel

DISCONTINUED



SYSTEM DESCRIPTIONS

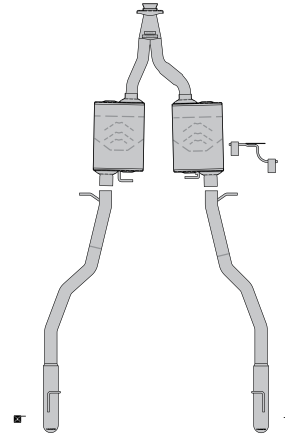
PART # 17275

FORCE II SYSTEM 99-04 FORD MUSTANG LX 3.8L V6

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Force II	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	Super 40 Series	3.00	Dual Rear Exit

DESCRIPTION

99-04 Ford Mustang, LX, 3.8L/3.9L V6, Incl. Flanged Y-Pipe, Hardware, 2.50" Outlets, Super 40 Series Mufflers, Logo Embossed Stainless Tips, Force II, Dual out rear, Mandrel Bent Tubing, 16 Gauge Aluminized Steel



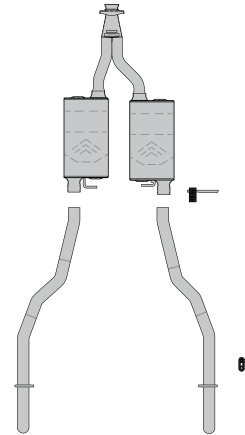
PART # 17276

FORCE II SYSTEM 94-97 FORD MUSTANG LX 3.8L V6

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Force II	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	50 Series Delta Flow	2.50	Dual Rear Exit

DESCRIPTION

94-97 Ford Mustang, LX, 3.8L V6, Incl. Flanged Y-Pipe, Hardware, 2.50" Outlet, 50 Series Delta Flow Mufflers, Stainless OEM Style Tips, Force II, Dual out rear, Mandrel Bent Tubing, 16 Gauge Aluminized Steel



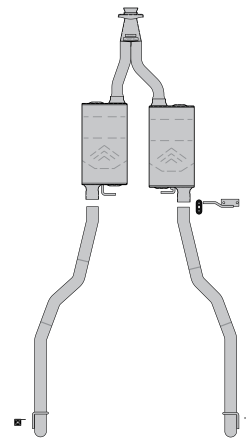
PART # 17277

FORCE II SYSTEM 1998 FORD MUSTANG LX 3.8L V6

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Force II	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	50 Series Delta Flow	2.5	Dual Rear Exit

DESCRIPTION

1998 Ford Mustang, LX, 3.8L V6, Incl. Flanged Y-Pipe, Hardware, 2.50" Outlet, 50 Series Delta Flow Mufflers, Stainless OEM Style Tips, Force II, Dual out rear, Mandrel Bent Tubing, 16 Gauge Aluminized Steel



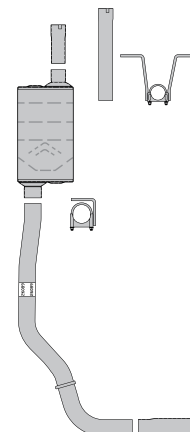
PART # 17278

FORCE II SYSTEM 00-03 DODGE DAKOTA

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	3.00	Cat-back System	Mild/Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Force II	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	Super 50 Series	3.50	Single Side Exit

DESCRIPTION

00-03 Dodge Dakota, 4.7L / 5.2L / 5.9L, 2/4 Wheel Drive, All Wheelbases, 2.50" Outlet, Super 50 Series Muffler, 3.50" Logo Embossed Stainless Tip, Force II, Single out side, Mandrel Bent Tubing, 16 Gauge Aluminized Steel



SYSTEM DESCRIPTIONS

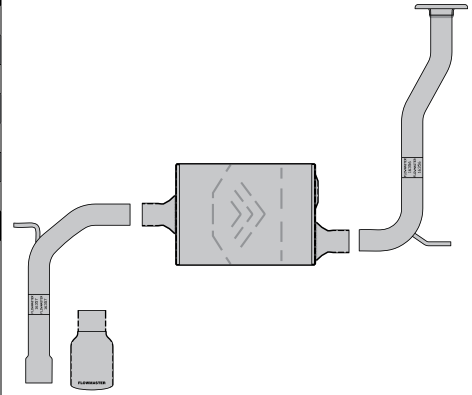
PART # 17280

AMERICAN THUNDER SYSTEM 90-93 ACURA INTEGRA LS/RS 1.8L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.00	2.00	Axle-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.00	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	40 Series Delta Flow	4.00	Single Rear Exit

DESCRIPTION

90-93 Acura Integra, LS / RS, 1.8L, Flange-Back, 2.00" Outlet, 40 Series Delta Flow, 4.00" Logo Embossed Stainless Tip, American Thunder, Single out rear, Mandrel Bent Tubing, 16 Gauge Aluminized Steel



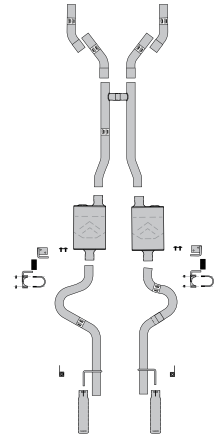
PART # 17281

AMERICAN THUNDER SYSTEM 67-70 FORD MUSTANG V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Header-back System	Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	Super 44 Series	3.00	Dual Rear Exit

DESCRIPTION

67-70 Ford Mustang V-8 (Does Not Fit Convertibles or Models With Staggered Shocks), 2.50" Mandrel Bent Tubing From Trans X - Member Back, Incl. H-Pipe, Hardware, Super 44 Series Mufflers, 3.00" Stainless Steel Tips, American Thunder, Dual out rear, Exits Through Factory Valance Cut-Outs, 16 Gauge Aluminized Steel



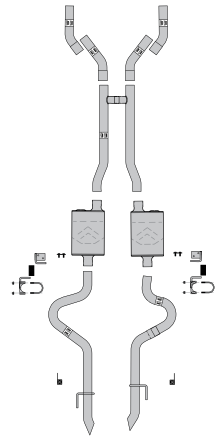
PART # 17282

AMERICAN THUNDER SYSTEM 67-70 FORD MUSTANG V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Header-back System	Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	Super 44 Series	N/A	Dual Rear Exit

DESCRIPTION

67-70 Ford Mustang V-8 (Does Not Fit Convertibles or Models With Staggered Shocks), 2.50" Mandrel Bent Tubing From Trans X - Member Back, Incl. H-Pipe, Hardware, Super 44 Series Mufflers, American Thunder, Dual out rear, Exits Turned Down Before Rear Valance, 16 Gauge Aluminized Steel



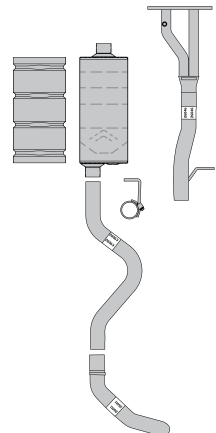
PART # 17287

AMERICAN THUNDER SYSTEM 96-99 CHEVROLET SILVERADO/GMC SIERRA 1500

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	American Thunder	51022	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	70 Series Big Block	N/A	Single Side Exit

DESCRIPTION

96-99 Chevy Silverado / GMC Sierra, 1500 Truck, 1/2Ton, 5.7L, (W/Dual Flanged Cats), 2/4 Wheel Drive, Ext. Cab / Short Bed, 141" WB, Heat Shield, 3.00" Outlet, 70 Series Big Block II Muffler, American Thunder, Single out side, 16 Gauge Aluminized Steel



SYSTEM DESCRIPTIONS

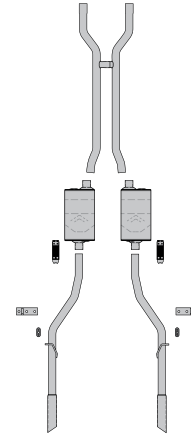
PART # 17289

AMERICAN THUNDER SYSTEM 66-67 FORD FAIRLANE

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Header-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	Super 50 Series	3.00	Dual Rear Exit

DESCRIPTION

66-67 Ford Fairlane V-8, (Does NOT fit convertibles). All 2.50" Mandrel Bent Tubing From Trans X-Member Back, Incl. H-Pipe, Hardware, Super 50 Series Mufflers, 3.00" Stainless Tips, American Thunder, Dual out rear, 16 Gauge Aluminized Steel



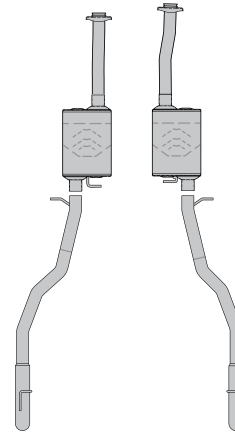
PART # 17312

AMERICAN THUNDER SYSTEM 99-04 FORD MUSTANG GT 4.6L SOHC

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	Super 40 Series	3.00	Dual Rear Exit

DESCRIPTION

99-04 Ford Mustang, GT, MACH1 / Bullitt, (Not Cobra), 4.6L SOHC, 2.50" Outlet, Super 40 Series Mufflers, 3.00" Stainless Tips, American Thunder, Dual out rear, Mandrel Bent Tubing, 16 Gauge Aluminized Steel



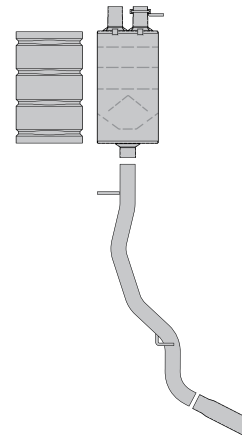
PART # 17325

AMERICAN THUNDER SYSTEM 99-02 CHEVROLET SILVERADO/GMC SIERRA 2500

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.75	3.00	Cat-back System	Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	American Thunder	51222	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	50 Series Big Block	3.50	Single Side Exit

DESCRIPTION

99-02 Chevy Silverado / GMC Sierra, 2500 Truck, 3/4Ton (Not-HD), 6.0L, 2/4 Wheel Drive, Ext. Cab / Short Bed, 143.5" WB, Incl. Heatshield, 3.00" Outlet, 50 Series Big Block Muffler, 3.50" Logo Embossed Stainless Tip, American Thunder, SOS, Mandrel Bent Tubing, 16 Gauge Aluminized Steel



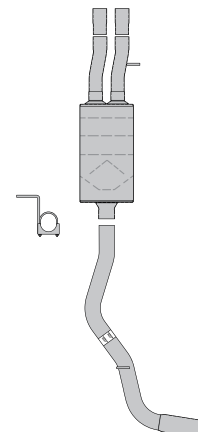
PART # 17328

AMERICAN THUNDER SYSTEM 01-04 CHEVROLET SILVERADO/GMC SIERRA 2500HD/3500HD

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.50	Cat-back System	Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.50	American Thunder	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	50 Series Big Block	4.00	Single Side Exit

DESCRIPTION

01-04 Chevy Silverado / GMC Sierra, 2500HD / 3500HD Truck, 3/4Ton / 1Ton HD, 6.0L / 8.1L, 2/4 Wheel Drive, Ext. Cab / Crew Cab, 3.50" Outlet, 50 Series Big Block Muffler, 4.00" Logo Embossed Stainless Tip, American Thunder, Single out side (For additional sound control w/ 6.0L Use part #15131 Resonator), Mandrel Bent Tubing, 16 Gauge Aluminized Steel



SYSTEM DESCRIPTIONS

PART# 17334

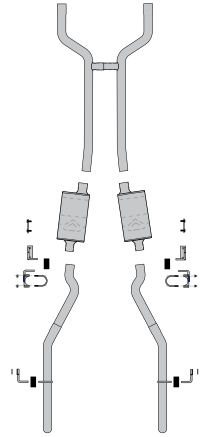
AMERICAN THUNDER SYSTEM 64-66 FORD MUSTANG V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.25	2.25	Header-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.25	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	50 Series Delta Flow	2.25	Dual Rear Exit

DESCRIPTION

'64-'66 Ford Mustang (Not GT) V8, (Does NOT fit convertibles). All 2.25" Mandrel Bent Tubing From Trans X-Member Back, Incl. H-Pipe, Hardware, 4.00" x 8.00" 50 Series Delta Flow Mufflers, Stainless Tips, American Thunder, Dual out rear, 16 Gauge Aluminized Steel

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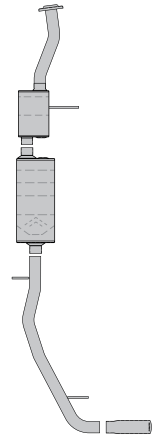
PART# 17341

FORCE II SYSTEM 01-06 CHEVROLET SUBURBAN/AVALANCHE/GMC YUKON XL

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back System	Mild
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Force II	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	70 Series Big Block	3.50	Single Side Exit

DESCRIPTION

01-06 Chevy / GMC, Avalanche / Suburban / Yukon XL, 1/2Ton, 5.3L, 2/4 Wheel Drive, 3.00" Outlet, 70 Series Big Block II Muffler, 3.50" Logo Embossed Stainless Tip, Force II, Single out side, Mandrel Bent Tubing, 16 Gauge Aluminized Steel



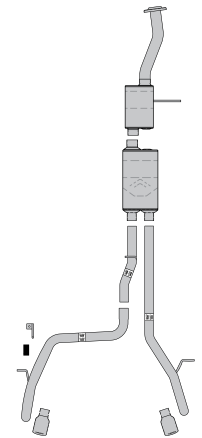
PART# 17342

AMERICAN THUNDER SYSTEM 01-06 CHEVROLET SUBURBAN/AVALANCHE/GMC YUKON 5.3L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	2.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	Super 50 Series	4.00	Dual Side Exit

DESCRIPTION

01-06 Chevy / GMC, (02-05 Avalanche) / Suburban / Yukon XL, (except Z-71), 1/2Ton, 5.3L, 2/4 Wheel Drive, 2.50" Outlets, Resonator, 30 Series Muffler, 4.00" Logo Embossed Stainless Tips, American Thunder, Dual out side, Mandrel Bent Tubing, 16 Gauge Aluminized Steel



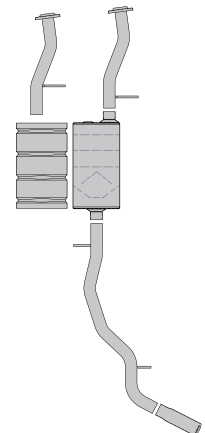
PART# 17344

FORCE II SYSTEM 00-06 CHEVROLET TAHOE/GMC YUKON 4.8L/5.3L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back System	Mild
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Force II	51222	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	50 Series Big Block	3.50	Single Side Exit

DESCRIPTION

00-06 Chevy / GMC, Tahoe / Yukon, 4.8L / 5.3L, 2/4 Wheel Drive, 3.00" Outlet, 50 Series Big Block Muffler, 3.50" Logo Embossed Stainless Tip, Force II, Single out side, Mandrel Bent Tubing, 16 Gauge Aluminized Steel



SYSTEM DESCRIPTIONS

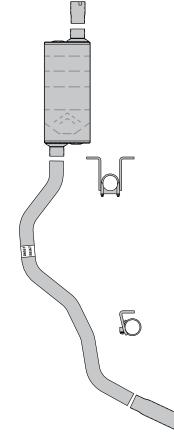
PART # 17345

FORCE II SYSTEM 99-04 FORD F-250/F-350 V8/V10

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back System	Mild/Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Force II	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	70 Series Big Block	3.50	Single Side Exit

DESCRIPTION

99-04 Ford Truck, F-250 / F-350, 3/4Ton / 1Ton, V8 / V10, 2/4 Wheel Drive, 3.00" Outlet, 70 Series Big Block II Muffler, 3.50" Logo Embossed Stainless Tip, Force II, Single out side, Mandrel Bent Tubing, 16 Gauge Aluminized Steel



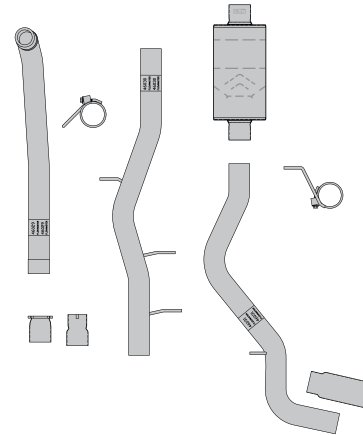
PART # 17349

AMERICAN THUNDER SYSTEM 01-06 CHEVROLET/GMC 6.6L DURAMAX DIESEL

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
4.00	4.00	Down Pipe Back System	Mild/Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
4.00	American Thunder	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	50 Series HD	5.00	Single Side Exit

DESCRIPTION

01-06 Chevy / GMC Truck, 3/4Ton / 1Ton, 6.6L Duramax Diesel, 2/4 Wheel Drive, All Wheelbases (Except Std. Cab / Long Bed), All 4.00" Mandrel Bent Tubing From Turbo Downpipe Back, 50 Series H.D. Muffler, 5.00" Logo Embossed Stainless Tip, American Thunder, Single out side, 16 Gauge Aluminized Steel.



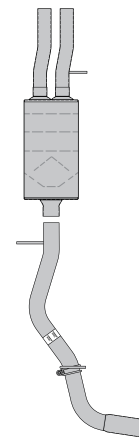
PART # 17350

AMERICAN THUNDER SYSTEM 01-03 CHEVROLET SILVERADO/GMC SIERRA 1500HD

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.50	American Thunder	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	50 Series Big Block	4.00	Single Side Exit

DESCRIPTION

01-03 Chevy Silverado / GMC Sierra, 1500HD Truck, 1/2Ton HD, 6.0L, 2/4 Wheel Drive, Crew Cab / Short Bed, 3.50" Tubing., 50 Series Big Block Muffler, 4.00" Logo Embossed Stainless Tip, American Thunder, Single out side, Mandrel Bent Tubing, 16 Gauge Aluminized Steel



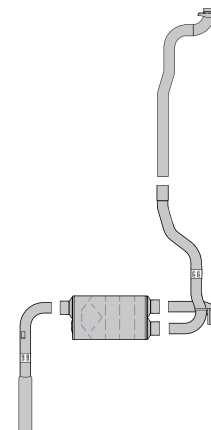
PART # 17356

AMERICAN THUNDER SYSTEM 93-95 CHEVROLET CAMARO/PONTIAC FIREBIRD

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	80 Series Crossflow	3.00	Dual Rear Exit

DESCRIPTION

93-95 Chevy Camaro / Pontiac Firebird, 3.4L V6, (W/Flanged Cat), 2.50" Outlets, 5.00" x 10.00" 80 Series Crossflow Muffler, 3.00" Logo Embossed Stainless Tips, American Thunder, Dual out rear, Mandrel Bent Tubing, 16 Gauge Aluminized Steel



SYSTEM DESCRIPTIONS

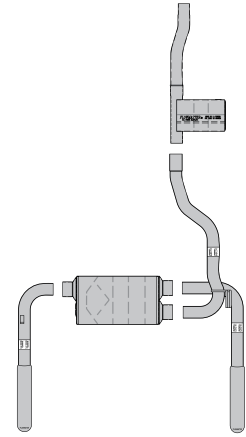
PART # 17357

AMERICAN THUNDER SYSTEM 95-97 CHEVROLET CAMARO/PONTIAC FIREBIRD

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	80 Series Crossflow	3.00	Dual Rear Exit

DESCRIPTION

95-97 Chevy Camaro / Pontiac Firebird, 3.8L V6, (W/Slip Fit Cat), Incl. Resonator, 2.50" Outlets, 5.00" x 10.00" 80 Series Crossflow Muffler, 3.00" Logo Embossed Stainless Tips, American Thunder, Dual out rear, Mandrel Bent Tubing, 16 Gauge Aluminized Steel



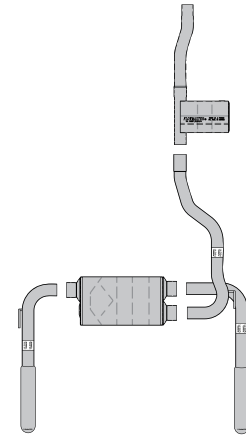
PART # 17358

AMERICAN THUNDER SYSTEM 98-02 CHEVROLET CAMARO/PONTIAC FIREBIRD

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	80 Series Crossflow	3.00	Dual Rear Exit

DESCRIPTION

98-02 Chevy Camaro / Pontiac Firebird, 3.8L V6, (W/Slip Fit Cat), Incl. Resonator, 2.50" Outlets, 5.00" x 10.00" 80 Series Crossflow Muffler, 3.00" Logo Embossed Stainless Tips, American Thunder, Dual out rear, Mandrel Bent Tubing, 16 Gauge Aluminized Steel



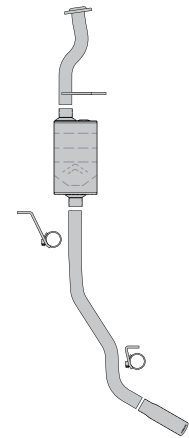
PART # 17360

FORCE II SYSTEM 99-06 CHEVROLET/GMC C/K1500

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back System	Mild
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Force II	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	Super 50 Series	3.50	Single Side Exit

DESCRIPTION

99-06 Chevy / GMC Truck, 1/2Ton, 4.8L / 5.3L, 2/4 Wheel Drive, Std. Cab / Short Bed, 119" WB, 3.00" Outlet, Super 50 Series Muffler, 3.50" Logo Embossed Stainless Tip, Force II, Single out side, Mandrel Bent Tubing, 16 Gauge Aluminized Steel



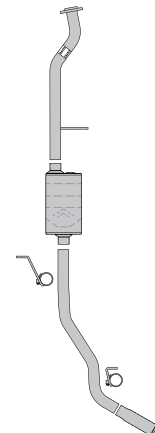
PART # 17361

FORCE II SYSTEM 99-06 CHEVROLET SILVERADO/GMC SIERRA 1500

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back System	Mild
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Force II	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	Super 50 Series	3.50	Single Side Exit

DESCRIPTION

99-06 Chevy Silverado / GMC Sierra, 1500 Truck, 1/2Ton, 4.8L / 5.3L, 2/4 Wheel Drive, Std. Cab / Long Bed, 133" WB, 3.00" Outlet, Super 50 Series Muffler, 3.50" Logo Embossed Stainless Tip, Force II, Single out side, Mandrel Bent Tubing, 16 Gauge Aluminized Steel



SYSTEM DESCRIPTIONS

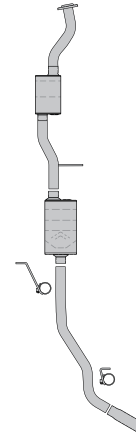
PART# 17362

FORCE II SYSTEM 99-05 CHEVROLET SILVERADO/GMC SIERRA 1500

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back System	Mild
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Force II	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	Super 50 Series	3.50	Single Side Exit

DESCRIPTION

99-05 Chevy Silverado / GMC Sierra, 1500 Truck, 1/2Ton, 4.8L / 5.3L, 2/4 Wheel Drive, Ext. Cab / Short Bed, 143.5" WB, 3.00" Outlet, Super 50 Series Muffler, 3.50" Logo Embossed Stainless Tip, Force II, Single out side, Mandrel Bent Tubing, 16 Gauge Aluminized Steel



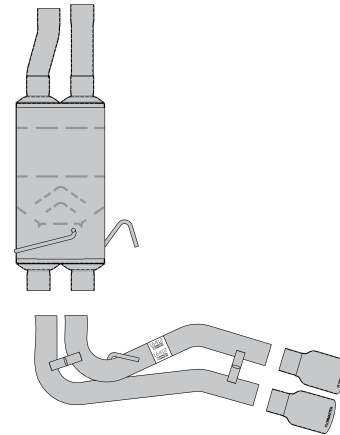
PART# 17367

AMERICAN THUNDER SYSTEM 99-04 FORD F-150 LIGHTNING

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Moderate/Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	50 Series HD	4.00	Dual Same Side Exit

DESCRIPTION

99-04 Ford F-150 Truck, Lightning, 5.4L Supercharged, 2/4 Wheel Drive, 2.50" Outlets, 50 Series H.D. Muffler, 4.00" Logo Embossed Stainless Tips w/ OEM Style Exit, American Thunder Muscle Truck, Dual out same side, Mandrel Bent Tubing, 16 Gauge Aluminized Steel



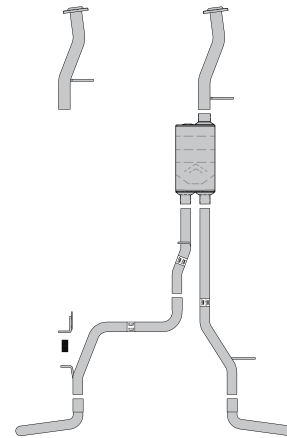
PART# 17368

AMERICAN THUNDER SYSTEM 00-03 CHEVROLET TAHOE/GMC YUKON

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	2.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	Super 50 Series	2.50	Dual Side Exit

DESCRIPTION

00-03 Chevy Tahoe/ GMC Yukon, 4.8L / 5.3L, 2/4 Wheel Drive, 2.50" Outlets, Super 50 Series Muffler, 2.50" Stainless Tips, American Thunder, Dual out side, Mandrel Bent Tubing, 16 Gauge Aluminized Steel



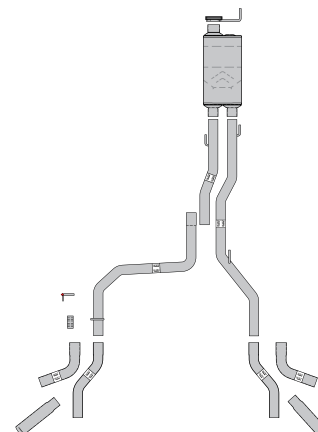
PART# 17375

AMERICAN THUNDER SYSTEM 2003 DODGE RAM 1500 HEMI

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	2.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	50 Series HD	3.00	Dual Rear/Side Exit

DESCRIPTION

2003 Dodge Ram, 1/2Ton, 5.7L Hemi Magnum, 2/4 Wheel Drive, All Wheelbases, 2.50" Outlets, 50 Series H.D. Muffler, 3.00" Logo Embossed Stainless Tips, American Thunder, Incl. Tube Extensions For Dual out rear And Dual out side In System, Mandrel Bent Tubing, 16 Gauge Aluminized Steel



SYSTEM DESCRIPTIONS

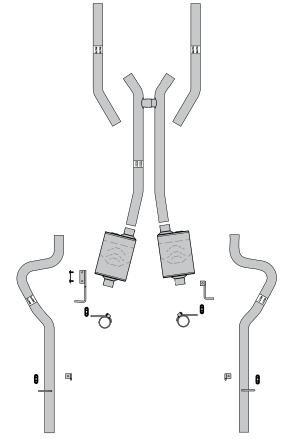
PART# 17382

DELTA FORCE SYSTEM 68-70 MOPAR B-BODY

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Header-back System	Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Delta Force	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	Super 40 Series	N/A	Dual Rear Exit

DESCRIPTION

68-70 Mopar B-Body, V-8, All 3.00" Mandrel Bent Tubing From Trans X-Member Back, Incl. H-Pipe, Hardware, Super 40 Series Mufflers, Delta Force, Dual out rear, 16 Gauge Aluminized Steel



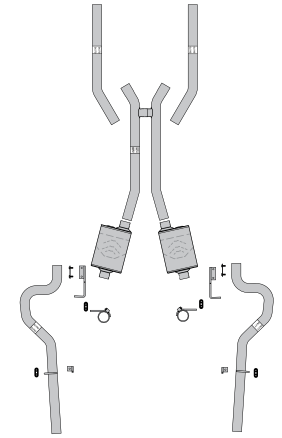
PART# 17383

DELTA FORCE SYSTEM 71-72 MOPAR B-BODY

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Header-back System	Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Delta Force	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	Super 40 Series	N/A	Dual Rear Exit

DESCRIPTION

71-72 Mopar B-Body, V-8, All 3.00" Mandrel Bent Tubing From Trans X-Member Back, Incl. H-Pipe, Hardware, Super 40 Series Mufflers, Delta Force, Dual out rear, 16 Gauge Aluminized Steel



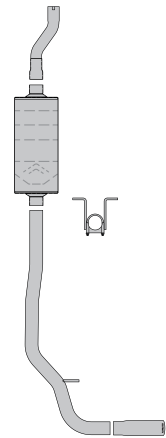
PART# 17385

FORCE II SYSTEM 98-02 FORD EXPEDITION/LINCOLN NAVIGATOR

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	3.00	Cat-back System	Mild
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Force II	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	70 Series	3.50	Single Side Exit

DESCRIPTION

98-02 Ford Expedition, Lincoln Navigator, 4.6L / 5.4L, 2/4 Wheel Drive, 3.00" Outlet, 70 Series Muffler, 3.50" Logo Embossed Stainless Tip, Force II, SOS, Mandrel Bent Tubing, 16 Gauge Aluminized Steel.



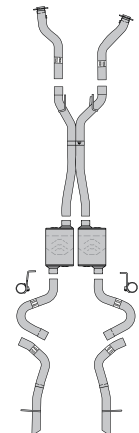
PART# 17389

DELTA FORCE SYSTEM 86-93 FORD MUSTANG LX 5.0L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Header-back System	Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Delta Force	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	Super 40 Series	3.00	Dual Rear Exit

DESCRIPTION

86-93 Ford Mustang, LX, 5.0L, All 3.00" Mandrel Bent Tubing (Manifold or "Shorty Header"-Back), Incl. Scavenger Off Road Pipe ("X-Pipe" Style), Air Inj. / O2 Sensor Provisions, Hardware, Super 40 Series Mufflers, 3.00" Logo Embossed Stainless Tips, Delta Force, Dual out rear, OFF ROAD AND RACE USE ONLY. 16 Gauge Aluminized Steel



DISCONTINUED

SYSTEM DESCRIPTIONS

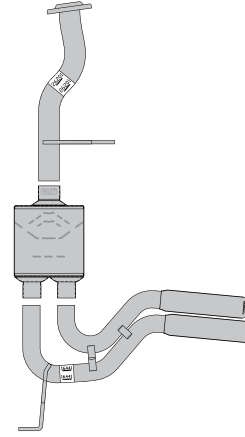
PART # 17392

AMERICAN THUNDER SYSTEM 99-06 CHEVROLET SILVERADO/GMC SIERRA 1500

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	2.50	Cat-back System	Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	Super 40 Series	3.00	Dual Same Side Exit

DESCRIPTION

99-06 Chevy Silverado / GMC Sierra, 1500 Truck, 1/2Ton, 4.8L / 5.3L, 2/4 Wheel Drive, Std. Cab / Short Bed, 119" WB, 2.50" Outlet, Super 40 Series Muffler, 3.00" Logo Embossed Stainless Tips, American Thunder Muscle Truck, Dual out same side, Exit RH side before rear axle, Mandrel Bent Tubing, 16 Gauge Aluminized Steel



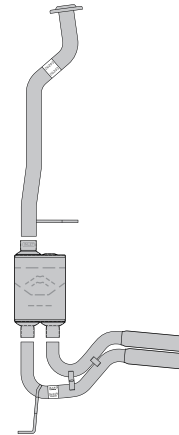
PART # 17395

AMERICAN THUNDER SYSTEM 99-05 CHEVROLET SILVERADO/GMC SIERRA 1500

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	2.50	Cat-back System	Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	Super 40 Series	3.00	Dual Same Side Exit

DESCRIPTION

99-05 Chevy Silverado / GMC Sierra, 1500 Truck, 1/2Ton, 4.8L / 5.3L, 2/4 Wheel Drive, Ext. Cab / Short Bed, 143.5" WB, 2.50" Outlet, Super 40 Series Muffler, 3.00" Logo Embossed Stainless Tips, American Thunder Muscle Truck, Dual out same side, Exit RH Side Before Rear Axle, Mandrel Bent Tubing, 16 Gauge Aluminized Steel



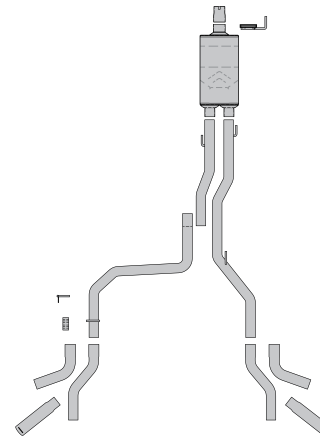
PART # 17397

AMERICAN THUNDER SYSTEM 04-05 DODGE RAM 1500 HEMI

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.75	2.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	50 Series HD	3.00	Dual Rear/Side Exit

DESCRIPTION

04-05 Dodge Ram 1500, 1/2Ton, 5.7L Hemi Magnum, 2/4 Wheel Drive, All Wheelbases, 2.50" Outlets, 50 Series H.D. Muffler, 3.00" Logo Embossed Stainless Tips, American Thunder, Incl. Tube Extensions For Dual out rear And Dual out side In System, Mandrel Bent Tubing, 16 Gauge Aluminized Steel



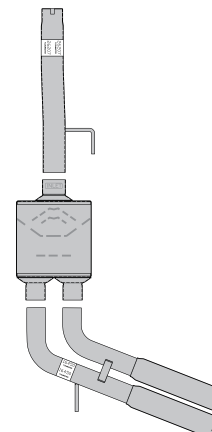
PART # 17398

AMERICAN THUNDER SYSTEM 04-05 DODGE RAM 1500

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	2.50	Cat-back System	Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	Super 40 Series	3.00	Dual Same Side Exit

DESCRIPTION

04-05 Dodge Ram 1500, 1/2Ton, 5.7L Hemi Magnum, 2 Wheel Drive, Crew Cab / Short Bed, Std. Cab / Long Bed, 140" WB, 2.50" Outlets, Super 40 Series Muffler, 3.00" Logo Embossed Stainless Tips, American Thunder Muscle Truck, Dual out same side, Exit RH side before rear axle, Mandrel Bent Tubing, 16 Gauge Aluminized Steel



SYSTEM DESCRIPTIONS

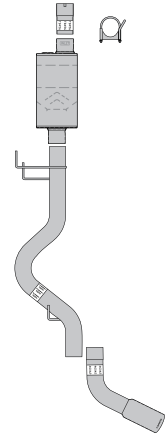
PART # 17402

AMERICAN THUNDER SYSTEM 03-07 DODGE RAM 5.9L DIESEL

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
4.00	4.00	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
4.00	American Thunder	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	50 Series HD	5.00	Single Side Exit

DESCRIPTION

03-07 Dodge Ram Cummins Series HO 5.9L Turbo Diesel and Mega Cab, 2/4 Wheel Drive, All Wheelbases, All 4.00" Mandrel Bent Tubing from Cat. Back, Incl. Hardware, 50 Series H.D. Muffler, 5.00" Logo Embossed Stainless Tip, American Thunder, Single out side, 16 Gauge Aluminized Steel



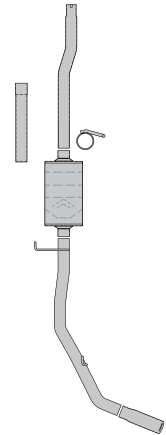
PART # 17403

FORCE II SYSTEM 04-08 FORD F-150 4.6L/5.4L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back System	Mild
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Force II	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	Super 50 Series	3.50	Single Side Exit

DESCRIPTION

04-08 Ford F-150, 4.6L/5.4L, 2/4 Wheel Drive, All WB, 2/4 Wheel Drive, 3.00" Outlet, Super 50 Series Muffler, 3.50" Logo Embossed Stainless Tip, Force II, Single out side, Mandrel Bent Tubing, 16 Gauge Aluminized Steel



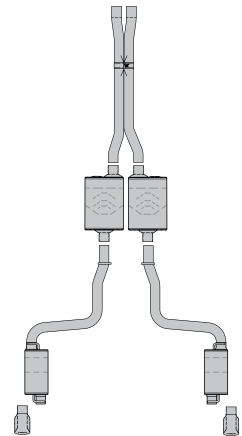
PART # 17405

FORCE II SYSTEM 05-10 DODGE MAGNUM/CHARGER/CHRYSLER 300C 5.7L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Mild/Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Force II	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	Super 40 Series	4.00	Dual Rear Exit

DESCRIPTION

05-10 Dodge Magnum RT, Charger RT / Chrysler 300C, 5.7L, Incl. AWD, 2.50" Outlets, Super 40 Series Mufflers, Scavenger Crossover Assy., ("X-Pipe" Style), Incl Resonators, 4.00" Logo Embossed Stainless Tips, Force II, Dual out rear, Mandrel Bent Tubing, 16 Gauge Aluminized Steel



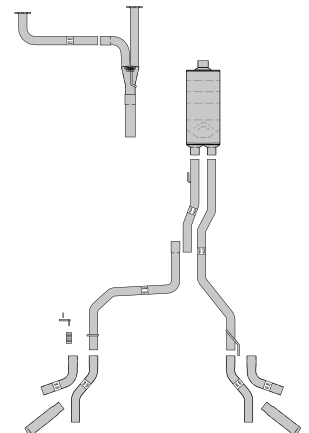
PART # 17406

AMERICAN THUNDER SYSTEM 04-08 NISSAN TITAN V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	2.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	70 Series Big Block	3.00	Dual Rear/Side Exit

DESCRIPTION

04-08 Nissan Titan, 2/4 Wheel Drive, 2.50" Outlets, 70 Series Muffler, Scavenger "Y-Pipe" Assy., 3.00" Logo Embossed Stainless Tips, American Thunder, Incl. Tube Extensions For Dual out rear And Dual out side In System, Mandrel Bent Tubing, 16 Gauge Aluminized Steel



SYSTEM DESCRIPTIONS

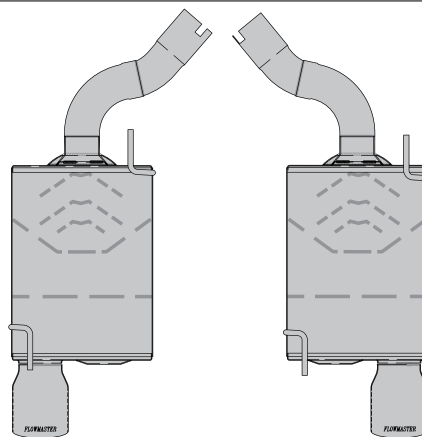
PART# 17410

FORCE II SYSTEM 05-10 FORD MUSTANG GT 4.6L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Axle-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Force II	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	60 Series Delta Flow	4.00	Dual Rear Exit

DESCRIPTION

05-10 Ford Mustang GT/GT500/California Special/Cnvtrbl (Incl.Conv.) 4.6L/5.4L, 5" X 10" mufflers, 4.00" Logo Embossed Stainless Tips, Force II, DOR, Mandrel Bent Tubing, 16 Gauge Aluminized Steel.



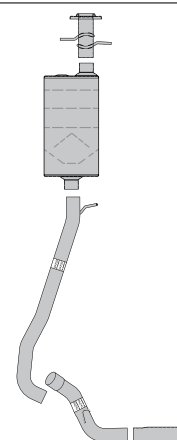
PART# 17411

FORCE II SYSTEM 03-06 FORD EXPEDITION V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back System	Mild/Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Force II	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	50 Series Big Block	3.50	Single Side Exit

DESCRIPTION

03-06 Ford Expedition, V8, 2/4 Wheel Drive, 3.00" Outlet, 50 Series Big Block Muffler, Embossed Stainless steel 3.50" Tip, Force II, Single out side, Mandrel Bent Tubing, 16 Gauge Aluminized Steel



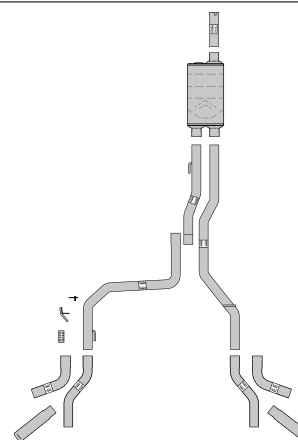
PART# 17415

FORCE II SYSTEM 05-08 DODGE DAKOTA V6/V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Mild/Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Force II	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	Super 50 Series	3.00	Dual Rear/Side Exit

DESCRIPTION

05-08 Dodge Dakota Pickups, V6/V8, 2/4 Wheel Drive, 2.50" Inlet, Super 50 Series Muffler, 2.50" Outlet, 3.00" Rolled Edge Logo Embossed Stainless Tips, Force II, Incl. Tube extensions for Dual out rear and Dual out side in system, Mandrel Bent Tubing, 16 Gauge Aluminized Steel (2.50 Cat Only)



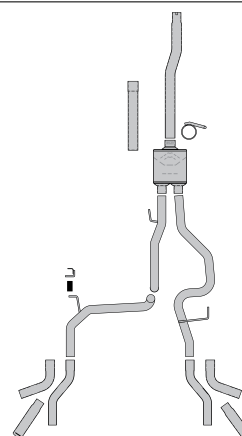
PART# 17417

AMERICAN THUNDER SYSTEM 04-08 FORD F-150 4.6/5.4L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	2.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	Super 40 Series	3.00	Dual Rear/Side Exit

DESCRIPTION

04-08 Ford F-150, 4.6L/5.4L, All WB, 2/4 Wheel Drive, 2.50" Outlets, Super 40 Series Muffler, 3.00" Logo Embossed Stainless Tips, American Thunder, Incl. Tube Extensions For Dual out rear And Dual out side In System, Mandrel Bent Tubing, 16 Gauge Aluminized Steel



SYSTEM DESCRIPTIONS

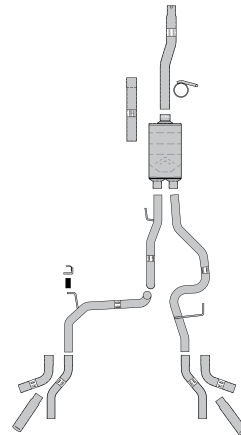
PART# 17418

FORCE II SYSTEM 04-08 FORD F-150 4.6L/5.4L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	2.50	Cat-back System	Mild
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Force II	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	Super 50 Series	3.00	Dual Rear/Side Exit

DESCRIPTION

04-08 Ford F-150, 4.6L/5.4L, All WB, 2/4 Wheel Drive, 2.50" Outlets, Super 50 Series Muffler, 3.00" Logo Embossed Stainless Tips, Force II, Incl. Tube Extensions for Dual out rear and Dual out side in System, Mandrel Bent Tubing, 16 Gauge Aluminized Steel



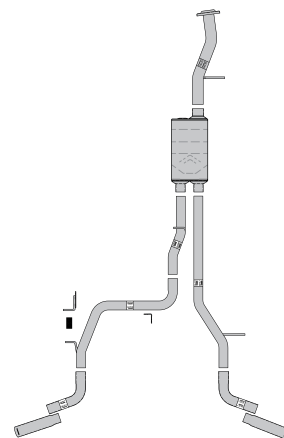
PART# 17419

AMERICAN THUNDER SYSTEM 04-06 CHEVROLET TAHOE/GMC YUKON 4.8/5.3L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	2.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	American Thunder	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	Super 50 Series	3.00	Dual Side Exit

DESCRIPTION

04-06 Chevy Tahoe / GMC Yukon, 4.8L/5.3L, 2/4 Wheel Drive, 3.00" Inlet, Super 50 Series Muffler, 2.50" Outlets, 3.00" Logo Embossed Stainless tips, American Thunder, Dual out side, Mandrel Bent Tubing, 16 Gauge Aluminized Steel



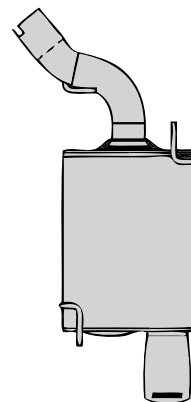
PART# 17421

AMERICAN THUNDER SYSTEM 05-09 FORD MUSTANG V6

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Axle-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	60 Series Delta Flow	3.50	Single Rear Exit

DESCRIPTION

05-09 Ford Mustang V6 (Incl Conv.), 2.50" Outlet, 5" x10" muffler assembly, 3.50" Rolled Edge Stainless Tip, American Thunder, Single out rear, Mandrel Bent Tubing, 16 Gauge Aluminized Steel



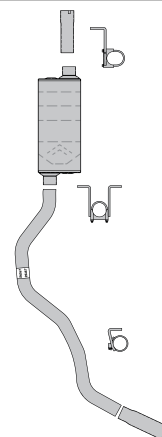
PART# 17422

FORCE II SYSTEM 05-07 FORD F-250/F-350 V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back System	Mild/Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Force II	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	70 Series Big Block	3.50	Single Side Exit

DESCRIPTION

05-07 Ford F-250/F-350, V8/V10, All WB, 2/4 Wheel Drive, 3" Inlet/Outlet, 70 Series Muffler, Force II, 3.50" Logo Embossed Stainless Clamp On Tip, Single out side, Mandrel Bent Tubing, 16 Gauge Aluminized Steel



SYSTEM DESCRIPTIONS

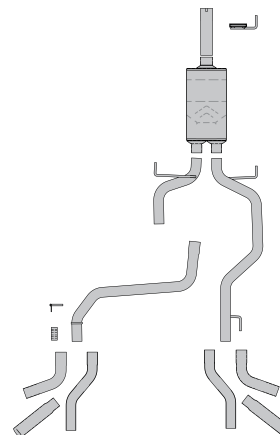
PART# 17423

AMERICAN THUNDER SYSTEM 06-08 DODGE RAM 1500 HEMI

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	2.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	50 Series HD	3.00	Dual Rear/Side Exit

DESCRIPTION

06-08 Dodge Ram 1500, 1/2Ton, 5.7L Hemi Magnum, 2/4 Wheel Drive, All Wheelbases (except Mega Cab), 2.50" Outlets, 50 Series H.D. Muffler, 3.00" Logo Embossed Stainless Tips, American Thunder; Incl Tube Extensions For Dual out rear And Dual out side In System, Mandrel Bent Tubing, 16 Gauge Aluminized Steel



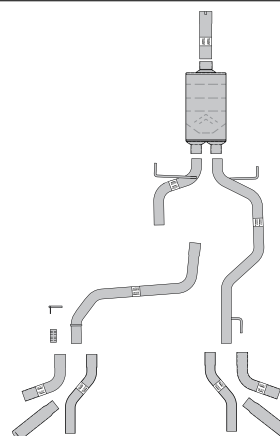
PART# 17424

AMERICAN THUNDER SYSTEM 06-08 DODGE RAM 1500 NON-HEMI

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	2.50	Cat-back System	Mild/Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	Super 50 Series	3.00	Dual Rear/Side Exit

DESCRIPTION

06-08 Dodge Ram 1500, 1/2Ton, 4.7L, 2/4 Wheel Drive, All Wheelbases (except Mega Cab), 2.50" Outlets, Super 50 Series Muffler, 3.00" Logo Embossed Stainless Tips, American Thunder, (Will not fit 5.7L Hemi), Incl Tube Extensions For Dual out rear And Dual out side In System, Mandrel Bent Tubing, 16 Gauge Aluminized Steel



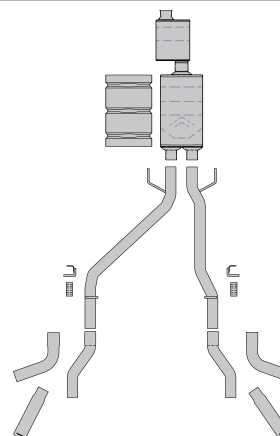
PART# 17425

AMERICAN THUNDER SYSTEM 00-06 TOYOTA TUNDRA 4.7L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	2.50	Cat-back System	Moderate/Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	51017	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	Super 50 Series	3.00	Dual Rear/Side Exit

DESCRIPTION

00-06 Toyota Tundra, 4.7L V8, 2/4 Wheel Drive, All W.B., 2.50" Mandrel Bent Tubing, Incl. Hardware, Resonator, Heat Shields, Super 50 Series Muffler, 3.00" Logo Embossed Stainless Tips, American Thunder, Incl. Tube Extensions For Dual out rear And Dual out side In System, 16 Gauge Aluminized Steel



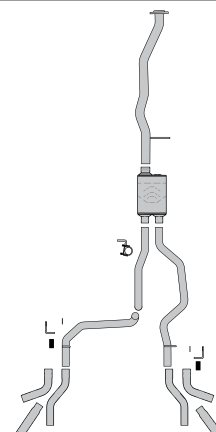
PART# 17428

AMERICAN THUNDER SYSTEM 99-06 CHEVROLET SILVERADO/GMC SIERRA 1500

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	2.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	Super 40 Series	3.00	Dual Rear/Side Exit

DESCRIPTION

99-06 Chevy Silverado / GMC Sierra, 1500 Truck, 1/2Ton, 4.8L / 5.3L, (W/Single Flanged Cat), 2/4 Wheel Drive, Ext. Cab / Short Bed, 143.5" WB, Super 40 Series Muffler, 2.50" Outlets, 3.00 Rolled Edge, Logo Embossed Stainless Tips, American Thunder, Incl. Tube Extensions For Dual out rear And Dual out side In System, Mandrel Bent Tubing, 16 Gauge Aluminized Steel SUPERSEDES 17301 AND 17302



SYSTEM DESCRIPTIONS

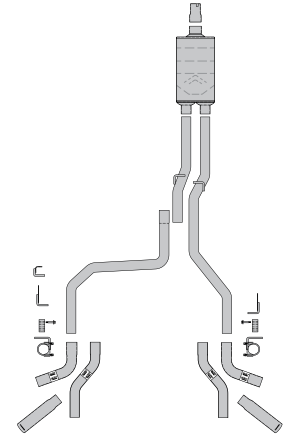
PART # 17429

AMERICAN THUNDER SYSTEM 94-01 DODGE RAM 1500 5.2/5.9L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	Super 50 Series	3.00	Dual Rear/Side Exit

DESCRIPTION

94-01 Dodge Ram 1500, 1/2Ton, 5.2L / 5.9L, 2/4 Wheel Drive, All Wheelbases, 2.50" Outlets, Super 50 Series Muffler, 3.00" Logo Embossed Stainless Tips, American Thunder, Incl. Tube Extensions For Dual out rear And Dual out side In System, Mandrel Bent Tubing, 16 Gauge Aluminized Steel SUPERSEDES 17179 AND 17209



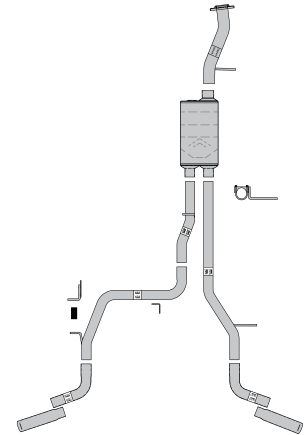
PART # 17430

AMERICAN THUNDER SYSTEM 07-08 CHEROLET TAHOE/GMC YUKON 4.8L/5.3L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	2.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	American Thunder	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	Super 50 Series	3.00	Dual Side Exit

DESCRIPTION

07-08 Chevy Tahoe / GMC Yukon, 4.8L/5.3L, 2/4 Wheel Drive, 2.50" Outlet, Super 50 Series Muffler, 3.00" Logo Embossed Stainless Tips, American Thunder, Dual out side, Mandrel Bent Tubing, 16 Gauge Aluminized Steel



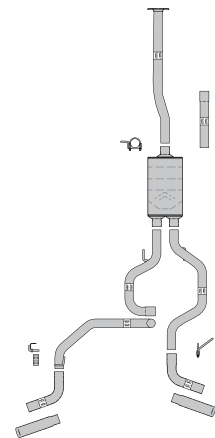
PART # 17432

AMERICAN THUNDER SYSTEM 05-12 TOYOTA TACOMA V6 4.0L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Moderate/Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	Super 50 Series	3.00	Dual Side Exit

DESCRIPTION

05-12 Toyota Tacoma, (Except Std Cab/X-Runner), 4.0L V6, 2/4 Wheel Drive, Super 50 Series Muffler, 2.50" Tailpipes with 3.00" Logo Embossed Stainless Tips, American Thunder, Dual out side, Mandrel Bent Tubing, 16 Gauge Aluminized Steel



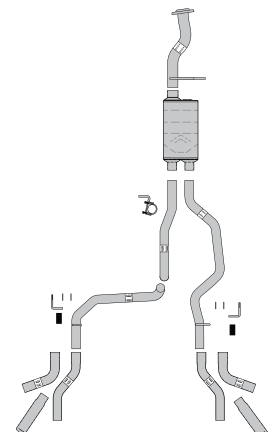
PART # 17435

AMERICAN THUNDER SYSTEM 99-06 CHEVROLET SILVERADO/GMC SIERRA 1500

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	2.50	Cat-back System	Moderate/Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	Super 50 Series	3.00	Dual Rear/Side Exit

DESCRIPTION

99-06 Chevy Silverado/ GMC Sierra, 1500 Truck, 1/2Ton, 5.0L / 5.7L, (W/3.00" Flanged Cat), 2/4 Wheel Drive, Short Cab / Short Bed, 2.50" Tailpipes, Super 50 Series Muffler, 3.00" Logo Embossed Stainless Tips, American Thunder, Dual out rear/side, Mandrel Bent Tubing, 16 Gauge Aluminized Steel SUPERSEDES 17157 AND 17316



SYSTEM DESCRIPTIONS

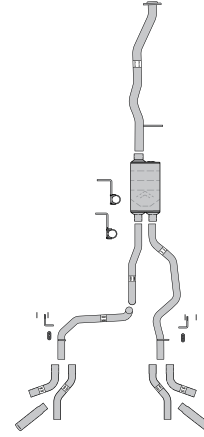
PART# 17436

AMERICAN THUNDER SYSTEM 04-06 CHEVROLET SILVERADO/GMC SIERRA 1500

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	2.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	Super 50 Series	3.00	Dual Rear/Side Exit

DESCRIPTION

04-06 Chevy Silverado / GMC Sierra C/K 1500 Trucks, (Non-HD), Crew Cab / Shortbed (5.5"), 1/2 Ton, 4.8L/5.3L, 2/4 Wheel Drive, 2.50" Outlets, Super 50 Series Muffler, 3.00" Logo Embossed Stainless Tips, American Thunder, Incl Tube Extensions for Dual out rear and Dual out side in System, Mandrel Bent Tubing, 16 Gauge Aluminized Steel SUPERSEDES 17408



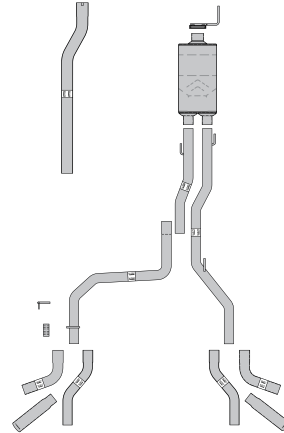
PART# 17438

AMERICAN THUNDER SYSTEM 03-08 DODGE RAM 2500/3500 HEMI 5.7L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	2.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	50 Series HD	3.00	Dual Rear/Side Exit

DESCRIPTION

03-08 Dodge Ram 2500/3500 w/ 5.7L Engines, '05-07 Dodge Ram 1500 Mega Cab, 2/4 Wheel Drive, All Wheelbases, 2.50" Outlets, 50 Series H.D. Muffler, 3.00" Logo Embossed Stainless Tips, American Thunder, Includes tube extensions for Dual out rear and Dual out side in system, Mandrel Bent Tubing, 16 Gauge Aluminized Steel SUPERSEDES 17369 AND 17370



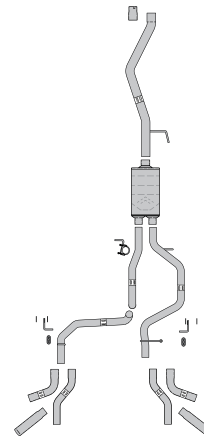
PART# 17439

AMERICAN THUNDER SYSTEM 07-08 CHEVROLET/GMC C/K 1500

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	2.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	American Thunder	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	Super 50 Series	3.00	Dual Rear/Side Exit

DESCRIPTION

07-08 Chevy / GMC C/K 1500 non HD, Ext Cab / Long bed (157.5 W.B. only) with 4.8L and 5.3L Engines, 2/4 Wheel Drive, 2.50" Outlets, Super 50 Series Muffler, 3.00" Rolled Edge Stainless Tips, American Thunder, Includes tube extensions for Dual out rear and Dual out side in system, Mandrel Bent Tubing, 16 Gauge Aluminized Steel



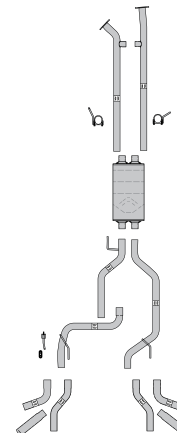
PART# 17443

AMERICAN THUNDER SYSTEM 07-09 TOYOTA TUNDRA 5.7L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	50 Series Big Block	3.00	Dual Rear/Side Exit

DESCRIPTION

07-09 Toyota Tundra, All WB. 5.7L ONLY, 2/4 Wheel Drive ,2.50", Incl. H-pipe, 50 Series Big Block Muffler, 3.00" Rolled Edge Stainless Steel Tips, American Thunder, Incl tube extensions for Dual out rear and Dual out side in system, Mandrel Bent Tubing, 16 Gauge Aluminized Steel



SYSTEM DESCRIPTIONS

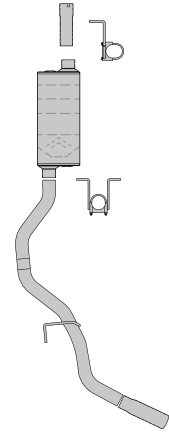
PART # 17446

FORCE II SYSTEM 08-10 FORD F-250/F-350 V8/V10

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back System	Mild
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Force II	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	70 Series Big Block	3.50	Single Side Exit

DESCRIPTION

08-10 Ford F-250 / F-350, All WB. With V-8 / V-10 Engines, 2/4 Wheel Drive, 3.00" Outlet, 70 Series Big Block Muffler, 3.00" Outlet, 3.50" Embossed Stainless Steel Tip, Force II, Single out side, Mandrel Bent Tubing, 16 Gauge Aluminized Steel



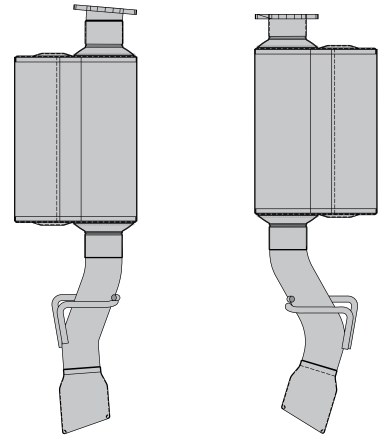
PART# 17452

FORCE II SYSTEM 05-06 PONTIAC GTO 6.0L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Axle-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Force II	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	Super 40 Series	4.00	Dual Rear Exit

DESCRIPTION

05-06 Pontiac GTO, 6.0L Engine. Super 40 Series Mufflers, 3.00" In/3.00" Out, 4.00" Rolled Edge Stainless Steel Tips, American Thunder (AXLE BACK SYSTEM), Dual out rear, Mandrel Bent Tubing, 16 Gauge Aluminized Steel



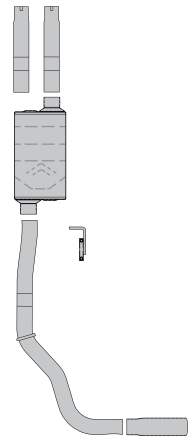
PART # 17458

FORCE II SYSTEM 05-10 DODGE DAKOTA V6/V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	3.00	Cat-back System	Mild
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Force II	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	Super 50 Series	3.50	Single Side Exit

DESCRIPTION

05-10 Dodge Dakota Pickups, V6/V8, 2/4 Wheel Drive, Super 50 Series Muffler, 2.50" Inlet ('05-'07 models) 2.75" Inlet ('08 models), 3.00" Outlet, 3.50" Logo Embossed Stainless Tip, Force II, Single out side, Mandrel Bent Tubing, 16 Gauge Aluminized Steel SUPERSEDES 17414



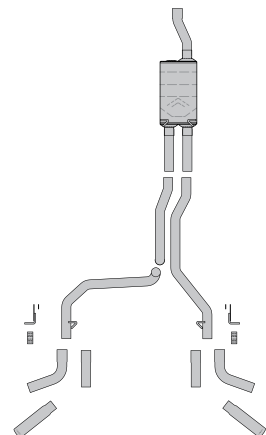
PART # 17462

FORCE II SYSTEM 1997 FORD F-150 V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Force II	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	Super 50 Series	3.00	Dual Rear/Side Exit

DESCRIPTION

1997 Ford Truck, F150, 1/2Ton, V-8 Engines, 2/4 Wheel Drive, All Wheelbases, 2.50" Tailpipes, Super 50 Series Muffler, 3.00" Stainless Tips, Force II, (Does Not Fit Off Road Pkg) Incl tube extensions for Dual out rear and Dual out side in system., Mandrel Bent Tubing, 16 Gauge Aluminized Steel SUPERSEDES 17137 AND 17304



SYSTEM DESCRIPTIONS

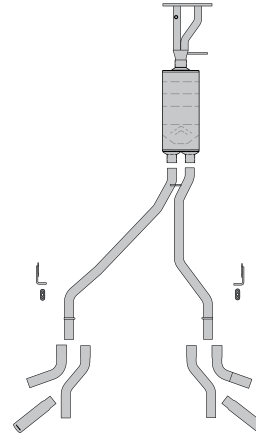
PART # 17468

AMERICAN THUNDER SYSTEM 96-99 CHEVROLET SILVERADO/GMC SIERRA C/K1500 5.7L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.00	2.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	70 Series Big Block	3.00	Dual Rear/Side Exit

DESCRIPTION

96-99 Chevy Silverado / GMC Sierra, C/K 1500 Truck, 1/2 Ton, 5.7L, (W/Dual Flanged Cat), 2/4 Wheel Drive, Standard Cab / Short Bed, 117" Wheel Base, 2.50" Tailpipes, 70 Series Big Block II Muffler, 3.00" Logo Embossed Stainless Steel Tips, American Thunder, Dual out rear/side, Mandrel Bent Tubing, 16 Gauge Aluminized Steel SUPERSEDES 17185 AND 17259



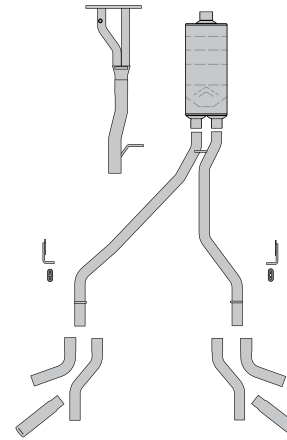
PART # 17470

AMERICAN THUNDER SYSTEM 96-99 CHEVROLET SILVERADO/ GMC SIERRA C/K 1500 5.7L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.00	2.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	70 Series Big Block	3.00	Dual Rear/Side Exit

DESCRIPTION

'96-'99 Chevy Silverado / GMC Sierra, C/K 1500 Truck, 1/2Ton, 5.7L, (W/Dual Cats), 2/4 Wheel Drive, Ext. Cab / Short Bed, 141" WB, Single In/Dual Out, 70 Series Big Block II Muffler, 3.00" Stainless Tips, American Thunder, Dual out rear/side, Mandrel Bent Tubing, 16 Gauge Aluminized Steel SUPERSEDES 17187 AND 17261



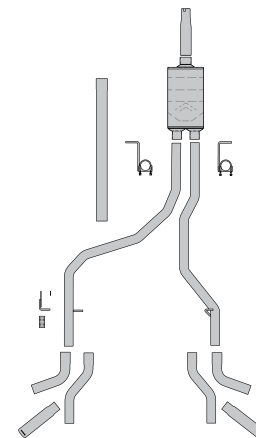
PART # 17471

AMERICAN THUNDER SYSTEM 87-96 FORD F-150 ALL WB

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	N/A	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	Super 50 Series	3.00	Dual Rear/Side Exit

DESCRIPTION

87-96 Ford Truck, F-150, 1/2 Ton, V8 or V6, 2/4 Wheel Drive, All Wheelbases, 2.50" Tailpipes, Super 50 Series Muffler, 3.00" Logo Embossed Stainless Steel Tips, American Thunder, Dual out rear/side, Mandrel Bent Tubing, 16 Gauge Aluminized Steel SUPERSEDES 17221 AND 17239



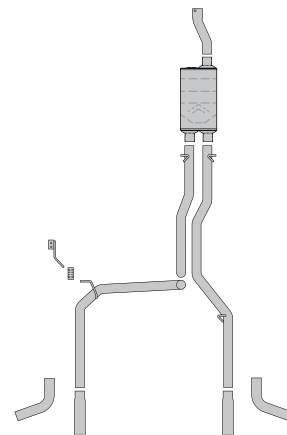
PART # 17472

FORCE II SYSTEM 98-03 FORD F-150 ALL WB

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Mild
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Force II	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	Super 50 Series	3.00	Dual Rear/Side Exit

DESCRIPTION

98-03 Ford Truck, F-150, 1/2Ton, 4.6L / 5.4L, 2/4 Wheel Drive, All Wheelbases, Incl. Super Crew, 2.50" Outlets, Super 50 Series Muffler, 3.00" Stainless Tips, Force II, Incl Tube Extensions for Dual out rear and Dual out side in System, Mandrel Bent Tubing, 16 Gauge Aluminized Steel SUPERSEDES 17222 AND 17226



SYSTEM DESCRIPTIONS

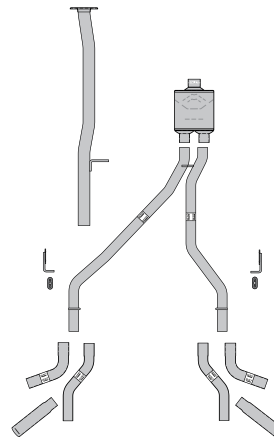
PART# 17473

AMERICAN THUNDER SYSTEM 93-95 CHEVROLET SILVERADO/GMC SIERRA K1500 V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	2.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	Super 40 Series	3.00	Dual Rear/Side Exit

DESCRIPTION

93-95 Chevy / GMC Sierra, K1500 Truck, 1/2Ton, 5.0L / 5.7L, (W/3.00" Flanged Cat), 4 Wheel Drive Only, Ext. Cab / Short Bed, 2.50" Tailpipes, Super 40 Series Muffler, 3.00" Logo Embossed Stainless Tips, American Thunder, Dual out rear/side, Mandrel Bent Tubing, 16 Gauge Aluminized Steel SUPERSEDES 17315 AND 17317



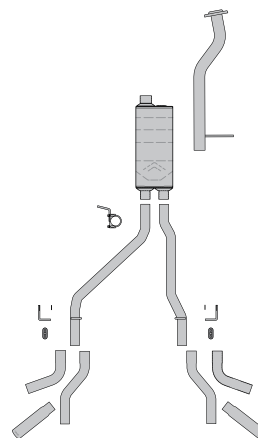
PART# 17474

FORCE II SYSTEM 99-'06 ('07 CLASSIC) CHEVROLET SILVERADO/GMC SIERRA 1500

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	2.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Force II	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	70 Series Big Block	3.00	Dual Rear/Side Exit

DESCRIPTION

99-06 ('07 Classic) Chevy Silverado / GMC Sierra, 1500 Truck, 1/2 Ton, 4.3L / 4.8L / 5.3L, (W/Single Flanged Cat), 2/4 Wheel Drive, Std. Cab / Long Bed, 133" WB, 2.50" Outlets, 70 Series Big Block II Muffler, Stainless Tips, Force II, Dual Out Rear/Side, Mandrel Bent Tubing, 16 Gauge Aluminized Steel.



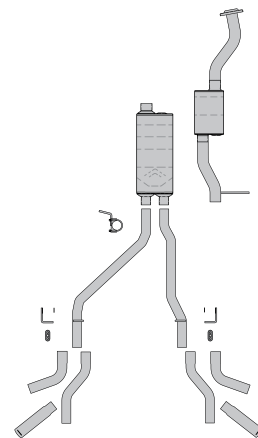
PART# 17475

FORCE II SYSTEM 99-'06 ('07 CLASSIC) CHEVROLET SILVERADO/GMC SIERRA 1500

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	2.50	Cat-back System	Mild
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Force II	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	70 Series Big Block	3.00	Dual Rear/Side Exit

DESCRIPTION

99-06 ('07 Classic) Chevy Silverado / GMC Sierra, 1500 Truck, 1/2 Ton, 4.3L / 4.8L/5.3L, (W/ Single Flanged Cat), 2/4 Wheel Drive. Extended Cab / Short Bed, 143.5" Wheelbase, 3.00" Resonator, 2.50" Tailpipes, 70 Series Big Block II Muffler, 3.00" Logo Embossed Stainless Steel Tips, Force II Dual Out Rear/Side, Mandrel Bent Tubing, 16 Gauge Aluminized Steel.



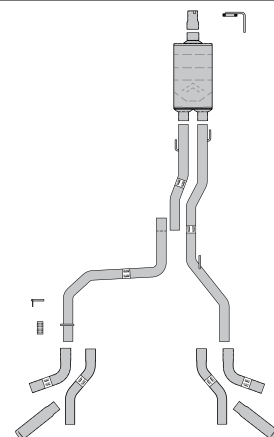
PART# 17476

AMERICAN THUNDER SYSTEM 02-05 DODGE RAM 1500 V8 NON HEMI

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	Super 50 Series	3.00	Dual Rear/Side Exit

DESCRIPTION

02-05 Dodge Ram1500, 1/2Ton, 4.7L / 5.9L, 2/4 Wheel Drive, All Wheelbases, 2.50" Outlets, Super 50 Series Muffler, 2.50" Stainless Tips, American Thunder, (Will Not Fit 5.7L Hemi) Dual out rear/side, Mandrel Bent Tubing, 16 Gauge Aluminized Steel.



SYSTEM DESCRIPTIONS

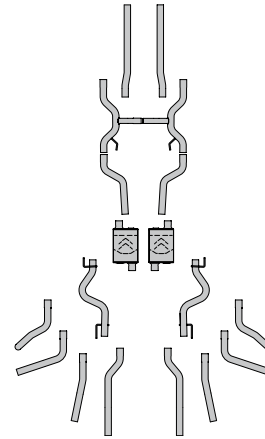
PART # 17654

AMERICAN THUNDER SYSTEM 67-72 GMC, CHEVROLET C10, C15 1/2 TON

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Header-back System	Moderate/Aggressive
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	RWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	Super 44 Series	N/A	Dual Rear/Side Exit

DESCRIPTION

67-72 GMC/Chevrolet C10/C15 Pickup, 1/2 Ton, 2WD, V8, W/Coil Spring Susp. Only, Trans X-Member Back, H-Pipe, Hardware, Super 44 Series Mufflers, Tips Not Included, American Thunder, DOR/S, 2.5" Mandrel Bent Tubing, Aluminized Steel.



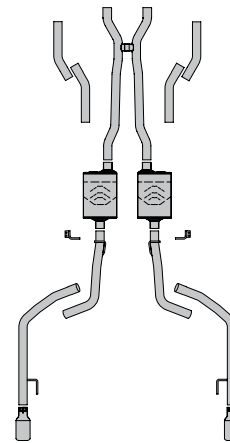
PART # 17655

AMERICAN THUNDER SYSTEM 65-68 CHEVROLET IMPALA/CAPRICE

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Crossmember-back	Moderate/Aggressive
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	RWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	Super 40 Series	4.25 x 2.25	Dual Rear/Side Exit

DESCRIPTION

65-68 Chevrolet Impala / Caprice, V8, All 2.50" Mandrel Bent Tubing, Trans X-Member Back, Incl. H-Pipe, Hardware, Super 40 Series Mufflers, Polished Oval Tips, American Thunder, DOR, Aluminized Steel.



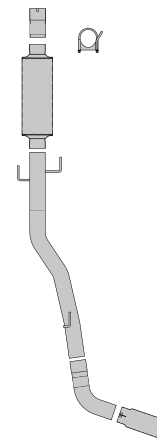
PART# 19101

AMERICAN THUNDER SYSTEM 03-07 DODGE RAM 2500/3500 DIESEL

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
4.00	4.00	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
4.00	American Thunder	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Aluminized Steel	Pro Series	5.00	Single Side Exit

DESCRIPTION

03-07 Dodge RAM, 2500/3500 Truck, 5.9L Cummins Diesel, 2/4 Wheel Drive, All Wheelbases, All 4.00" Mandrel Bent Tubing From Cat Back, Pro Series Muffler, 5.00" Polished Tip with Laser- Etched Logo. Single out side, 16 Gauge Aluminized Steel



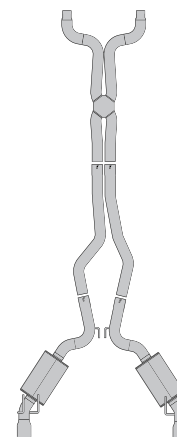
PART # 6350001

14-15 CHEVROLET CAMARO SS 6.2L V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	3.00	Cat-back	Moderate
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Hurst	No	RWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Hurst	4.00	DOR

DESCRIPTION

14-15 Chevy Camaro SS, 6.2L, V8, Coupe/Convertible, Cat-back, Straight Through Mufflers, X-Pipe, Mandrel Bent 2.5in. 16g Tubing, 4in. Polished Stainless Tips, DOR, Hurst, 304S Stainless Steel (Does NOT fit models equipped with "Dual Mode/Quad Tip" option)



SYSTEM DESCRIPTIONS

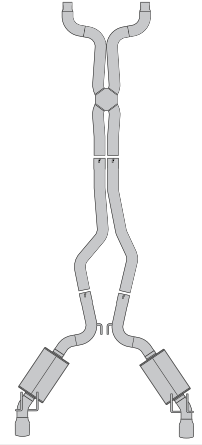
PART # 6350002

10-13 CHEVROLET CAMARO SS 6.2L V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	3.00	Cat-back	Moderate
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Hurst	No	RWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Hurst	4.00	DOR

DESCRIPTION

10-13 Chevrolet Camaro SS, 6.2L, V8, Coupe/Convertible, Cat-back, Straight Through Mufflers, X-Pipe, Mandrel Bent 2.5in. 16g Tubing, 4in. Polished Stainless Tips, DOR, Hurst, 304S Stainless Steel (Does NOT fit models equipped with "Ground Effects" option)



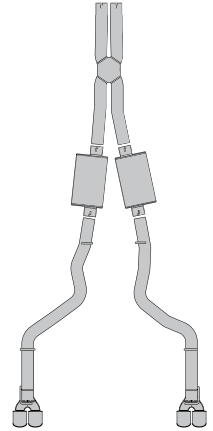
PART # 6350010

08-14 DODGE CHALLENGER SRT8 6.1L, 6.4L V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back	Moderate/Aggressive
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Hurst	No	RWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Hurst	3.50	DOR

DESCRIPTION

08-14 Dodge Challenger, SRT8, 6.1L, 6.4L, V8, Cat-back, Straight Through Mufflers, X-Pipe, Mandrel Bent 3 in. 16g Tubing, Quad 3.5" Dia Polished 304S Tips, DOR, Hurst, 304S Stainless Steel.



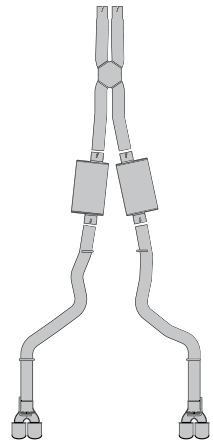
PART # 6350011

09-14 DODGE CHALLENGER R/T 5.7L V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back	Moderate/Aggressive
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Hurst	No	RWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Hurst	3.50	DOR

DESCRIPTION

09-14 Dodge Challenger, R/T, 5.7L, V8, Cat-back, Straight Through Mufflers, X-Pipe, Mandrel Bent 3 in. 16g Tubing, Quad 3.5" Dia Polished 304S Tips, DOR, Hurst, 304S Stainless Steel.



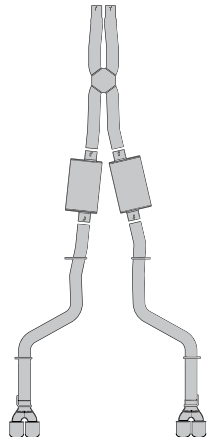
PART # 6350013

2015 DODGE CHALLENGER R/T 5.7L V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back	Moderate/Aggressive
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Hurst	No	RWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Hurst	3.50	DOR

DESCRIPTION

2015 Dodge Challenger, R/T, 5.7L, V8, Cat-back, Straight Through Mufflers, X-Pipe, Mandrel Bent 3 in. 16g Tubing, Quad 3.5" Dia Polished 304S Tips, DOR, Hurst, 304S Stainless Steel.



SYSTEM DESCRIPTIONS

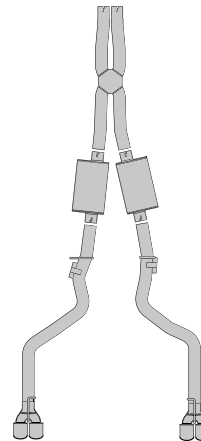
PART # 6350014

2015 DODGE CHALLENGER SRT392/HELLCAT/SCAT PACK 6.2L 6.4L V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back	Moderate/Aggressive
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Hurst	No	RWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Hurst	3.50	DOR

DESCRIPTION

2015 Dodge Challenger, SRT392 / Hellcat, 6.2L/6.4L, V8, Cat-back, Straight Through Mufflers, X-Pipe, Mandrel Bent 3 in. 16g Tubing, Quad 3.5" Dia Polished 304S Tips, DOR, Hurst, 304S Stainless Steel.



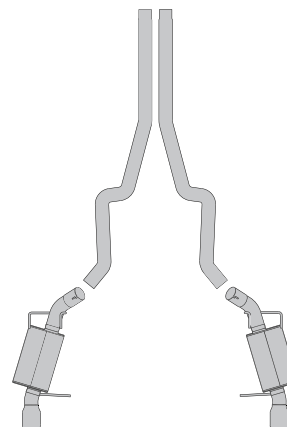
PART # 6350022

11-12 FORD MUSTANG GT 5.0L V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back	Moderate/Aggressive
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Hurst	No	RWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Hurst	4.00	DOR

DESCRIPTION

11-12 Mustang GT, 5.0L, V8, Coupe/Convertible, Cat-back, Straight Through Mufflers, Mandrel Bent 3 in. 16g Tubing, 4.0" Dia Polished 304S Tips, DOR, Hurst, 304S Stainless Steel. (NOT GT500)



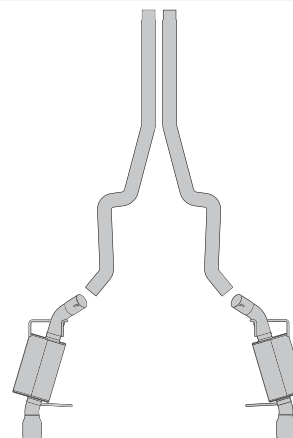
PART # 6350023

13-14 FORD MUSTANG GT 5.0L V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back	Moderate/Aggressive
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Hurst	No	RWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Hurst	4.00	DOR

DESCRIPTION

13-14 Ford Mustang GT, 5.0L, V8, Coupe/Convertible, Cat-back, Straight Through Mufflers, Mandrel Bent 3 in. 16g Tubing, 4.0" Dia Polished 304S Tips, DOR, Hurst, 304S Stainless Steel. (NOT GT500).



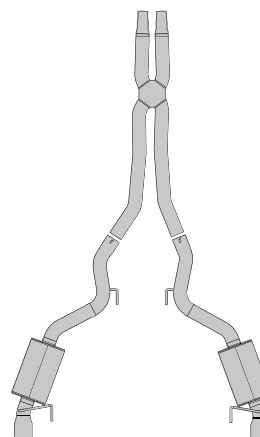
PART # 6350024

2015 FORD MUSTANG GT 5.0L V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back	Moderate/Aggressive
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Hurst	No	RWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Hurst	4.00	DOR

DESCRIPTION

2015 Ford Mustang GT, 5.0L, V8, Fastback/Convertible, Cat-back, Mandrel Bent 3in. 16 Gauge Tubing, 4in. Polished Stainless Steel Tips, DOR, Hurst, 304S Stainless Steel.



SYSTEM DESCRIPTIONS

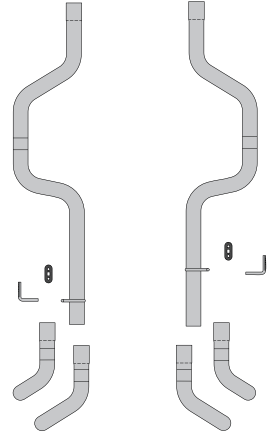
PART # 81055

59-64 CHEVROLET IMPALA / BEL AIR / BISCAYNE TAILPIPE KIT

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
N/A	N/A	Pipe Kit	N/A
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	N/A	N/A	N/A
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	N/A	N/A	N/A

DESCRIPTION

59-64 Chevy Impala / Bel Air / Biscayne Tailpipe Kit only, 2.50" Mandrel Bent Tubing, Use With Part Number 817413, OEM Exit, 16 Gauge 409S Stainless Steel.



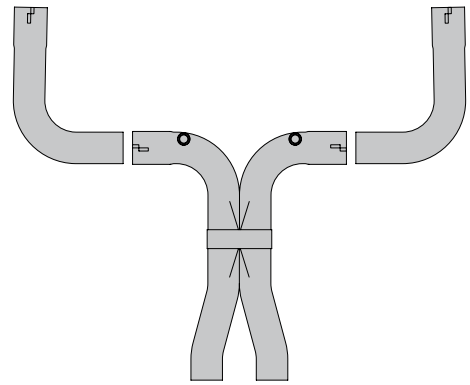
PART # 81066

MID-PIPE KIT 05-10 FORD MUSTANG GT

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Mid-Pipe	N/A
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Mid Pipe	None	RWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
409S Stainless Steel	N/A	N/A	N/A

DESCRIPTION

05-10 Ford Mustang, GT, 4.6L, V8, Mid Pipes, 2.5" Mandrel Bent Tubing, X-Pipe, 409S Stainless Steel, Use With Long Tube Headers 814212 and OEM System, Not Emissions Compliant, Off Road Use Only (Except in CA or States That Have Adopted CA Emissions Standards).



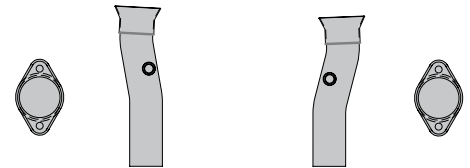
PART # 81067

MID-PIPE KIT 10-13 CHEVROLET CAMARO SS

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	2.50	Mid-Pipe	N/A
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Mid Pipe	None	RWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
409S Stainless Steel	N/A	N/A	N/A

DESCRIPTION

10-13 Chevy Camaro, SS, 6.2L, V8, Mid Pipes, 2.5" Mandrel Bent Tubing, 409S Stainless Steel, Use With Long Tube Headers 814117 and Cat-back or OEM System, Not Emissions Compliant, Off Road Use Only (Except in CA or States That Have Adopted CA Emissions Standards).



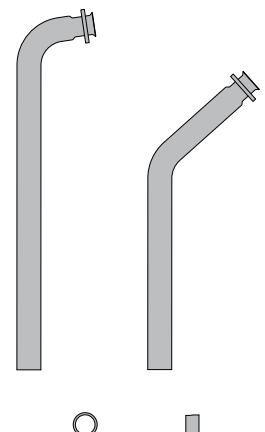
PART # 81068

64-81 CHEVROLET MANIFOLD DOWNPIPES

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
N/A	N/A	Downpipe	N/A
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	N/A	N/A	N/A
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	N/A	N/A	N/A

DESCRIPTION

64-81 Chevy A-body / 67-81 Chev. F-body, Small Block, With 3 Bolt Manifold Flanges, 2.50" Mandrel Bent Tubing, Includes Donut Gasket And Donut Sleeves, 409S Stainless Steel (Will Not Work With Heat Riser or 62-67 Novas).



SYSTEM DESCRIPTIONS

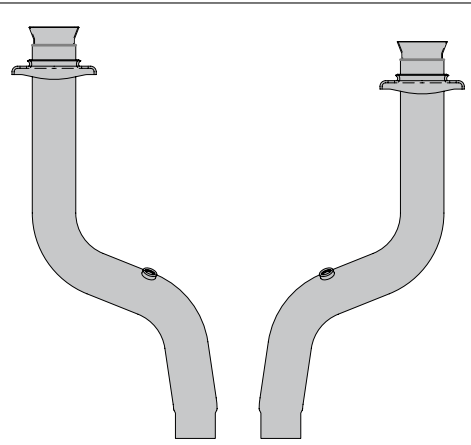
PART # 81069

MID PIPE KIT 06-13 DODGE CHARGER, CHALLENGER, MAGNUM, CHRYSLER 300C

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	2.75	Mid-Pipe	N/A
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Mid Pipe	None	RWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
409S Stainless Steel	N/A	N/A	N/A

DESCRIPTION

06-13 Dodge Charger, Challenger, Magnum, SRT8, Chrysler 300c, 6.1L, 6.4L, Mid Pipes, 3.0" Mandrel Bent Tubing, 409S Stainless Steel, Use With Long Tube Headers 814310 and Cat-back or OEM System, Not Emissions Compliant, Off Road Use Only (Except in CA or States That Have Adopted CA Emissions Standards).



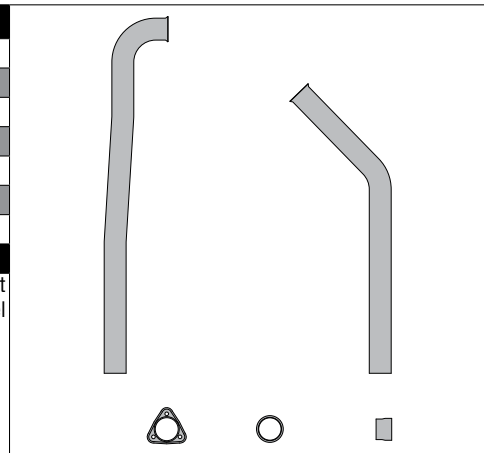
PART# 81071

65-74 BIG BLOCK CHEVROLET MANIFOLD DOWNPIPES

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
N/A	N/A	Downpipe	N/A
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	N/A	N/A	N/A
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	N/A	N/A	N/A

DESCRIPTION

65-74 Chevy B-body / 65-73 Chevy A-body / 68-73 X-body / 67-72 Chevy F-body, Big Block Chevy, With 3 Bolt Manifold Flanges, 2.50" Mandrel Bent Tubing, Includes Donut Gasket And Donut Sleeves, 409S Stainless Steel (Will Not Work With Heat Riser).



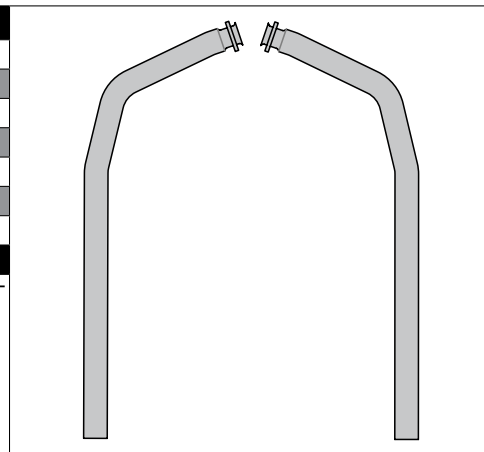
PART # 81072

MANIFOLD DOWNPIPES 67-72 GMC, CHEVROLET C10, C15 1/2 TON

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.00	2.50	Manifold Downpipes	N/A
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Downpipe	None	RWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
409S Stainless Steel	N/A	N/A	N/A

DESCRIPTION

67-72 Chevy GMC, C10/C15 Pickup, 283/307/327/350, V8, 2WD, Manifold Downpipes, 2.5" Mandrel Bent Tubing, Includes Flanges and Gaskets, 409S Stainless Steel (Fits Only with Angled Ram Horn Manifolds).



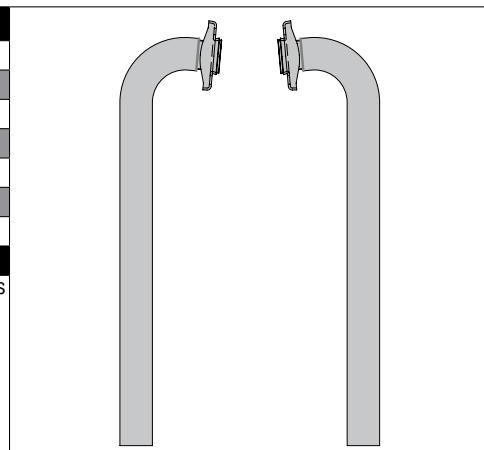
PART # 81073

MANIFOLD DOWNPIPES 65-68 PONTIAC A-BODY VEHICLES

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.25	2.50	Manifold Downpipes	N/A
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Manifold Downpipes	None	RWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
409S Stainless Steel	N/A	N/A	N/A

DESCRIPTION

65-68 Pontiac, GTO, Tempest, LeMans, 389/400, V8, Manifold Downpipes, 2.5" Mandrel Bent Tubing, Includes Flanges, 409S Stainless Steel (Fits Only with Manifold Castings 9779032-D/S and 9779328-P/S).



SYSTEM DESCRIPTIONS

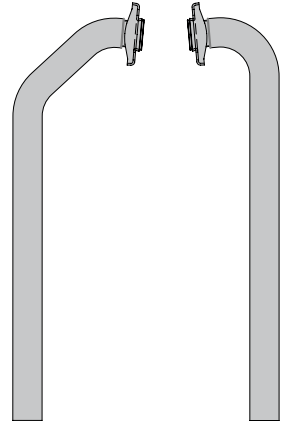
PART # 81074

MANIFOLD DOWNPIPES 67-68 PONTIAC FIREBIRDS (INCL. TRANS AM)

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.00	2.50	Manifold Downpipes	N/A
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Manifold Downpipes	None	RWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
409S Stainless Steel	N/A	N/A	N/A

DESCRIPTION

67-68 Pontiac, Firebird, 350/400, V8, Manifold Downpipes, 2.5" Mandrel Bent Tubing, Includes Flanges, 409S Stainless Steel (Fits Only with Manifold Castings D/S - 9777755 and P/S - 97794320).



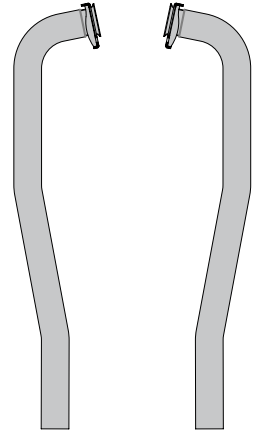
PART # 81075

MANIFOLD DOWNPIPES 65-67 CHEVROLET BEL AIR, BISCAYNE, CAPRICE, IMPALA

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
N/A	N/A	Manifold Downpipes	N/A
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Manifold Downpipes	None	RWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	N/A	N/A	N/A

DESCRIPTION

65-67 Chevy/Caprice, Impala, Bel air, Biscayne, 396, 427, V8, 2.5" Mandrel Bent Tubing, Includes Flanges, Donut Gasket And Donut Sleeves, 409S Stainless Steel



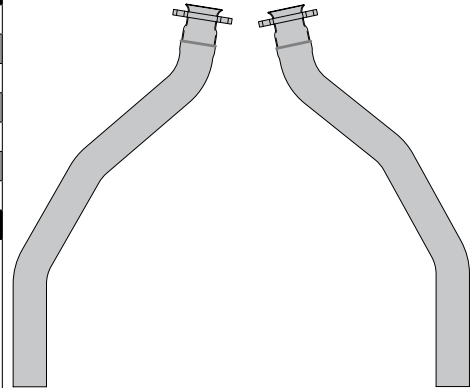
PART # 81076

MANIFOLD DOWNPIPES 64-66 FORD MUSTANGS

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.00	2.50	Manifold Downpipes	N/A
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Manifold Downpipes	None	RWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
409S Stainless Steel	N/A	N/A	N/A

DESCRIPTION

64-66 Ford Mustang, 289, V8, Manifold Downpipes, 2.5" Mandrel Bent Tubing, Includes Flanges, Donut Gasket And Sleeves, 409S Stainless Steel, (Use With 817273 for Complete Manifold-back System).



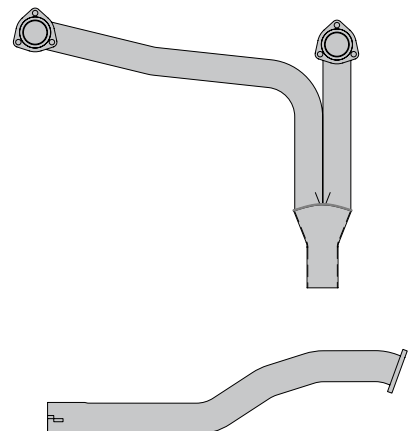
PART # 81087

MANIFOLD DOWNPIPES 75-79 CHEVROLET CORVETTE

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.00	2.50	Manifold Downpipes	N/A
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.25	Manifold Downpipes	None	RWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
409S Stainless Steel	N/A	N/A	N/A

DESCRIPTION

75-79 Chevy Corvette, (75-76 Models Without Smog/Air Pump), 5.7L, V8, Manifold Pipe, Flanged Connections, Mandrel Bent 2.25" 16 Gauge Tubing, 409S Stainless Steel.



SYSTEM DESCRIPTIONS

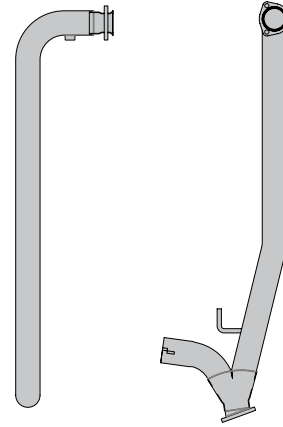
PART # 81088

MANIFOLD DOWNPIPES 80-81 CHEVROLET CORVETTE

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
N/A	N/A	Manifold Downpipes	N/A
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.25	Manifold Downpipes	None	RWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	N/A	N/A	N/A

DESCRIPTION

80-81 Chevy Corvette, 5.7L, V8, Manifold Pipe, Flanged Connections, Mandrel Bent 2.25" 16 Gauge Tubing, 409S Stainless Steel.



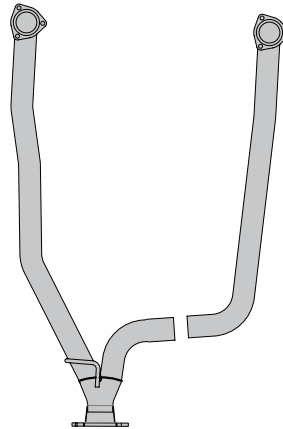
PART # 81092

MANIFOLD DOWNPIPES 84-85 CHEVROLET CORVETTE

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
N/A	N/A	Manifold Downpipes	N/A
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.25	Manifold Downpipes	None	RWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	N/A	2.25	N/A

DESCRIPTION

84-85 Chevy Corvette, 5.7L, V8, Manifold Pipe, Flanged Connections, Mandrel Bent 2.25" 16 Gauge Tubing, 409S Stainless Steel.



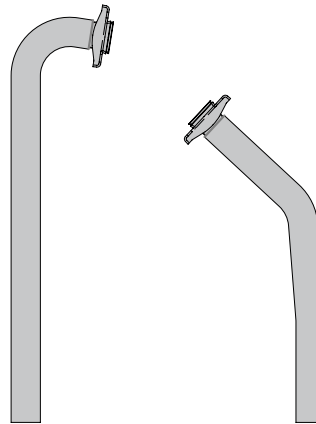
PART # 81093

MANIFOLD DOWNPIPES 65-74 OLDSMOBILE CUTLASS AND 442

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.25	2.50	Manifold Downpipes	N/A
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Manifold Downpipes	None	RWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
409S Stainless Steel	N/A	N/A	N/A

DESCRIPTION

65-74 Oldsmobile, Cutlass, 442, 400, 455, V8, Manifold Downpipes, 2.5" Mandrel Bent Tubing, Includes Flanges, Fits With Factory Cast Iron Manifolds, 409S Stainless Steel



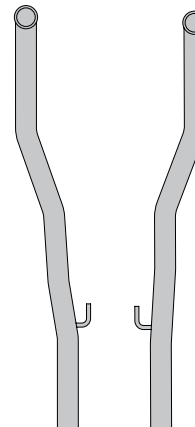
PART # 81094

MANIFOLD DOWNPIPES 63-67 CHEVROLET CORVETTE

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
N/A	N/A	Manifold Downpipes	N/A
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.25	Manifold Downpipes	None	RWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	N/A	N/A	N/A

DESCRIPTION

65-67 Chevy Corvette, 327, V8, W/Manual Transmission, 2.25" Mandrel Bent Tubing, Includes Flanges, Donut Gaskets, Mounting Hangers, 409S Stainless Steel, Use with X-Member back system p/n 817675.



SYSTEM DESCRIPTIONS

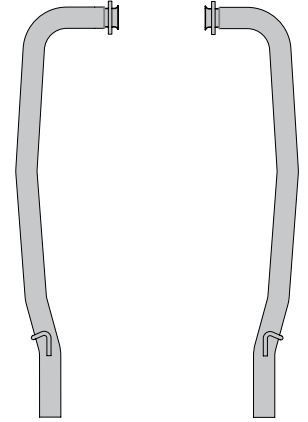
PART # 81095

MANIFOLD DOWNPIPES 68-74 CHEVROLET CORVETTE (AUTO)

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
N/A	N/A	Manifold Downpipes	N/A
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.25	Manifold Downpipes	None	RWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	N/A	N/A	N/A

DESCRIPTION

68-74 Chevy Corvette, 327, 350, V8, W/Automatic Transmission, 2.25" Mandrel Bent Tubing, Includes Flanges, Donut Gaskets, Mounting Hangers, 409S Stainless Steel, For Manual Transmission use p/n 81098.



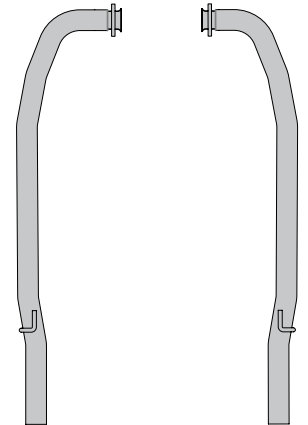
PART # 81096

MANIFOLD DOWNPIPES 63-67 CHEVROLET CORVETTE

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
N/A	N/A	Manifold Downpipes	N/A
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.25	Manifold Downpipes	None	RWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	N/A	N/A	N/A

DESCRIPTION

63-67 Chevy Corvette, 327, V8, W/Automatic Transmission, W/Factory 2.0" Manifolds, 2.25" Mandrel Bent Tubing, Includes Flanges, Donut Gaskets, Mounting Hangers, 409S Stainless Steel, Use W/ X-Member back system p/n 817675, For Manual Transmission use p/n 81094.



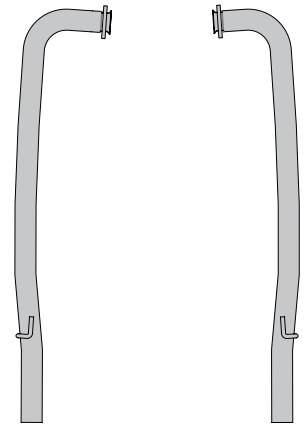
PART # 81098

MANIFOLD DOWNPIPES 68-74 CHEVROLET CORVETTE (MANUAL)

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
N/A	N/A	Manifold Downpipes	N/A
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.25	Manifold Downpipes	None	RWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	N/A	N/A	N/A

DESCRIPTION

68-74 Chevy Corvette, 327, 350, V8, W/Manual Transmission, 2.25" Mandrel Bent Tubing, Includes Flanges, Donut Gaskets, Mounting Hangers, 409S Stainless Steel, For Automatic Transmission use p/n 81095.



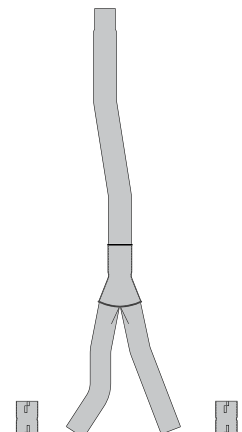
PART # 81108

SCAVENGER SYSTEM 2015 FORD MUSTANG, 2.3L ECOBOOST

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
None	None	Exhaust Accessory	None
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.25	Scavenger	No	None
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	None	None	None

DESCRIPTION

2015 Ford Mustang, 2.3L EcoBoost Engine, Resonator Delete, Scavenger Series Y-Pipe, Mandrel Bent 2.50" Tubing, Use with Factory Mufflers or FM Axle-back kits, 409S Stainless Steel.



SYSTEM DESCRIPTIONS

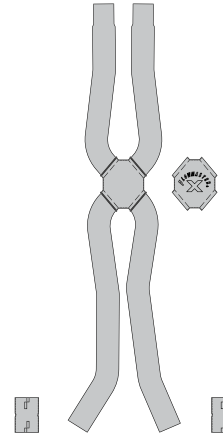
PART # 81109

SCAVENGER SYSTEM 2015 FORD MUSTANG GT, 5.0L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
None	None	Exhaust Accessory	None
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Scavenger	No	None
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	None	None	None

DESCRIPTION

2015 Ford Mustang GT, 5.0L V8 Engine, Resonator Delete, Scavenger Series X -Pipe, Mandrel Bent 2.50" Tubing, Use with Factory Mufflers or FM Axle-back kits, 409S Stainless Steel.



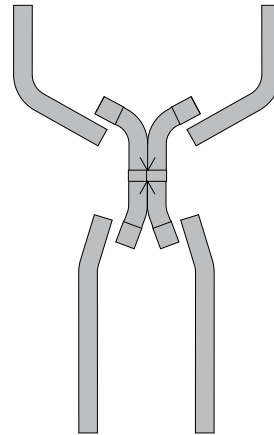
PART # 815932

UNIVERSAL SCAV X PIPE KIT 2.5"

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
N/A	N/A	Pipe Kit	N/A
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	N/A	N/A	N/A
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	N/A	N/A	N/A

DESCRIPTION

Scavenger Cross-over Pipe Kit, 2.50", Universal, 5 piece unit, Mandrel Bent Tubing, 16 Gauge 409S Stainless Steel, Slip-Fit Connections.



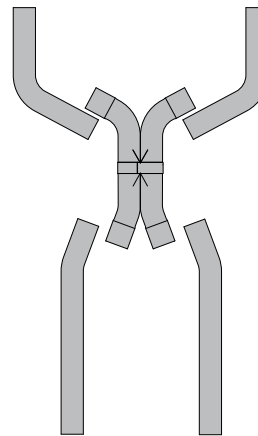
PART # 815933

UNIVERSAL SCAV X PIPE KIT 3.0" 409S

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
N/A	N/A	Pipe Kit	N/A
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	N/A	None	N/A
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	N/A	N/A	N/A

DESCRIPTION

Scavenger Cross-over Pipe Kit, 3.00", Universal, 5 piece unit, Mandrel Bent Tubing, 16 Gauge 409S Stainless Steel, Slip-Fit Connections.



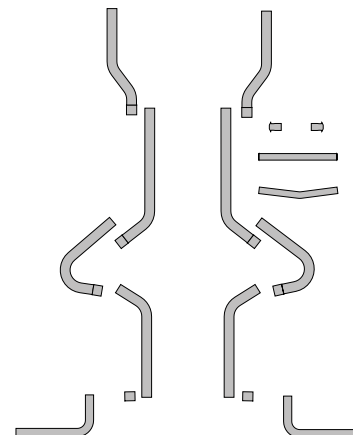
PART # 815935

2.25" U-FIT DUAL KIT

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
N/A	N/A	Pipe Kit	N/A
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.25	N/A	N/A	N/A
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	N/A	N/A	N/A

DESCRIPTION

U-Fit Dual Kit, 2.25" 16 PC. Universal Dual Pipe System (pipes only), Mandrel Bent Tubing, 16 Gauge 409S Stainless Steel Tubing.



SYSTEM DESCRIPTIONS

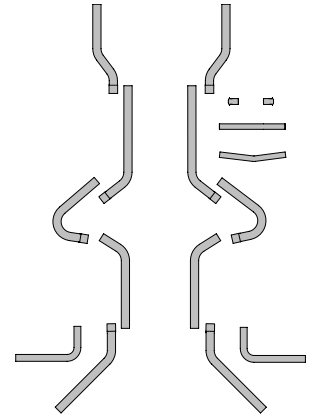
PART# 815936

U-FIT DUAL KIT 2.50

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
N/A	N/A	Pipe Kit	N/A
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	N/A	N/A	N/A
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	N/A	N/A	N/A

DESCRIPTION

U-Fit Dual Kit, 2.50" 16 PC. Universal Dual Pipe System (pipes only), Mandrel Bent Tubing, 16 Gauge 409S Stainless Steel Tubing



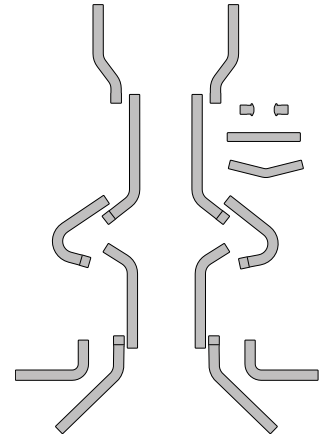
PART# 815937

3.00" U-FIT DUAL KIT

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
N/A	N/A	Pipe Kit	N/A
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	N/A	N/A	N/A
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	N/A	N/A	N/A

DESCRIPTION

U-Fit Dual Kit, 3.00" 16 PC. Universal Dual Pipe System (pipes only), Mandrel Bent Tubing, 16 Gauge 409S Stainless Steel Tubing



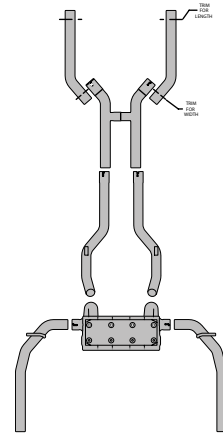
PART# 817104

AMERICAN THUNDER SYSTEM 67-74 GM CAMARO/FIREBIRD, 68-74 NOVA, V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Header-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	Special	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	80 Series Crossflow	N/A	Dual Rear Exit

DESCRIPTION

67-74 GM Camaro / Firebird, 68-74 Nova, V8, Header-back, 80 Series Muffler, Mandrel Bent 2.5in. 16 Gauge Tubing, Dual out rear, American Thunder, 409S Stainless Steel



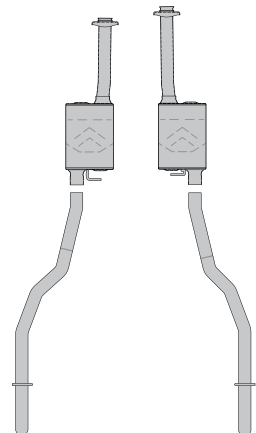
PART# 817116

AMERICAN THUNDER SYSTEM 87-93 MUSTANG GT 5.0L 409S

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless steel	Super 44 Series	N/A	Dual Rear Exit

DESCRIPTION

87-93 Ford Mustang GT 5.0L, 2.50" Outlet, Super 44 Series Mufflers, American Thunder, Dual out rear, Mandrel Bent Tubing, 409S Stainless Steel



SYSTEM DESCRIPTIONS

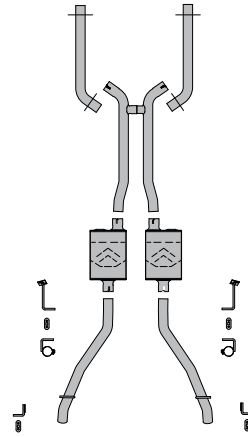
PART # 817129

AMERICAN THUNDER SYSTEM 67-68 GM F-BODY, V-8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Header-back System	Moderate/Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 44 Series	N/A	Dual Side Exit

DESCRIPTION

67-68 GM F-Body, V-8, All 2.50" Mandrel Bent Tubing From Trans X-Member Back, Incl. H-Pipe, Hardware, Super 44 Series Mufflers, American Thunder, DOS, 16 Gauge 409S Stainless Steel.



PART # 817135

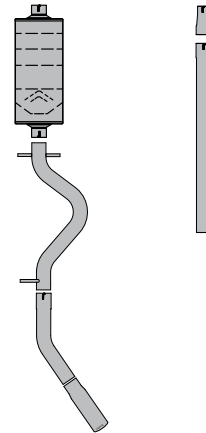
FORCE II SYSTEM 87-96 FORD F-150 CAT-BACK SYSTEM

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	3.00	Cat-back System	Mild
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Force II	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	70 Series Big Block	3.50	Single out side

DESCRIPTION

87-96 Ford F-150, 4.9L/5.0L/5.8L, All Wheel Bases, Cat-back, 70 Series Muffler, Mandrel Bent 3in. 16 gauge Tubing, 3.5in. Polished T304 Logo Embossed Tip, Single out side, Force II, 409S Stainless Steel.

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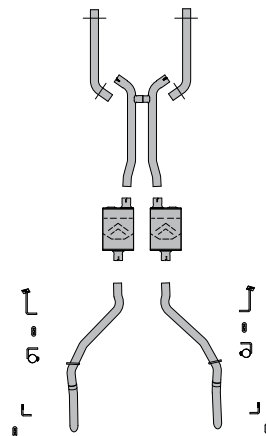
PART # 817139

AMERICAN THUNDER SYSTEM 1969 GM F-BODY, V-8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Header-back System	Moderate/Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 44 Series	2.50	Dual Rear Exit

DESCRIPTION

1969 GM F-Body, V-8, All 2.50" Mandrel Bent Tubing From Trans X-Member Back, Incl. H-Pipe, Hardware, Super 44 Series Mufflers, American Thunder, DOR, 304 SS Tips, 16 Gauge 409S Stainless Steel.



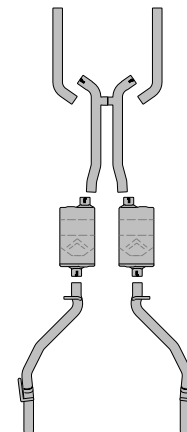
PART # 817149

AMERICAN THUNDER SYSTEM 70-74 CHEVROLET CAMARO / PONTIAC FIREBIRD, V-8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Header-back System	Moderate/Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	50 Series (slim line)	2.50	Dual Rear Exit

DESCRIPTION

70-74 Chevy Camaro / Pontiac Firebird, V-8, Header-Back, 50 Series (slim) Muffler, Mandrel Bent 2.5in. 16 gauge Tubing, 2.5in. T304 Brushed Stainless Steel Tips, Dual out rear, American Thunder, 409S Stainless Steel.



SYSTEM DESCRIPTIONS

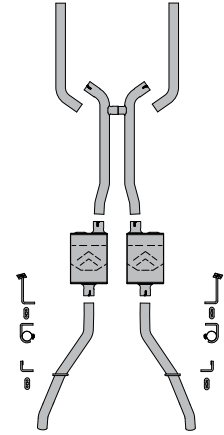
PART# 817158

AMERICAN THUNDER SYSTEM 68-74 CHEVROLET NOVA 2.5" HEADER-BACK

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Header-back System	Moderate/Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 44 Series	N/A	Dual Rear Exit

DESCRIPTION

68-74 Chevy Nova, V8, Header-back, Super 44 Series Mufflers, Mandrel Bent 2.5in. 16 Gauge Tubing, Dual out rear, American Thunder, 409S Stainless Steel



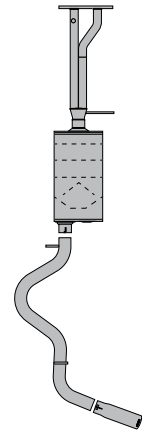
PART# 817166

FORCE II SYSTEM 96-99 CHEVROLET TAHOE/GMC YUKON 5.7L V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.00(Dual)	3.00	Cat-back	Mild
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Force II	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	50 Series Big Block	3.50	Single Side Exit

DESCRIPTION

96-99 Chevy Tahoe / GMC Yukon, 5.7L, V8, Cat-back, 50 Series Big Block Muffler, Mandrel Bent 3in. 16 Gauge Tubing, 3.5in. Polished 304S W/Embossed Logo Tip, Single out side, Force II, 409S Stainless Steel (4 Door Only)



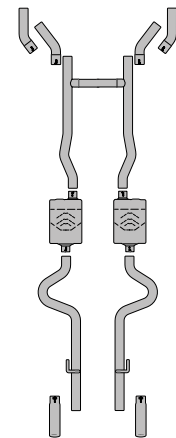
PART# 817174

AMERICAN THUNDER SYSTEM 55-57 CHEVROLET V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Header-back System	Moderate/Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 40 Series	3.00	Dual Rear Exit

DESCRIPTION

55-57 Chevy, V8, Header-back, Super 40 Mufflers, Mandrel Bent 2.5in. 16 Gauge Tubing, 3in. Polished T304 Stainless Steel Tips, Dual out rear, American Thunder, 409S Stainless Steel (Does not fit convertible or wagon)



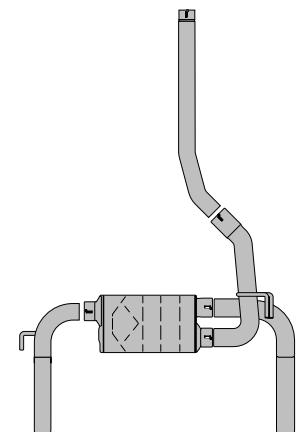
PART# 817199

AMERICAN THUNDER SYSTEM 98-02 CAMARO/FIREBIRD 5.7L V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	80 Series Crossflow	3.00	Dual Rear Exit

DESCRIPTION

98-02 Chev. Camaro/Pontiac Firebird, 5.0L/5.7L, V8, Cat-Back, 80 Series Muffler, Mandrel Bent 3in. 16 Gauge Tubing, 3in. T304 Polished Stainless Steel tips, Dual out rear, American Thunder, 409S Stainless Steel



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SYSTEM DESCRIPTIONS

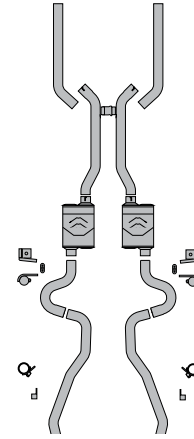
PART # 817200

AMERICAN THUNDER SYSTEM 68-72 GM A-BODY V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Header-back	Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 40 Series	N/A	Dual Rear Exit

DESCRIPTION

68-72 GM A-Body, V-8, All 3.00" Mandrel Bent Tubing From Trans X-Member Back, Incl. H-Pipe, Hardware, Super 40 Series Mufflers, American Thunder, Dual out rear, 16 Gauge 409S Stainless Steel



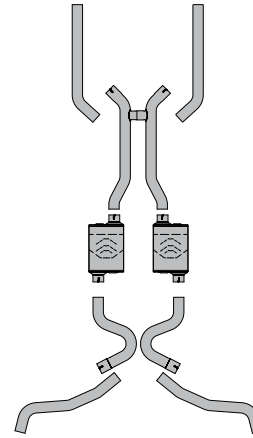
PART # 817202

AMERICAN THUNDER SYSTEM 64-67 GM A-BODY, V-8, 3.00"

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Header-back	Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 40 Series	3.00	Dual Side Exit

DESCRIPTION

64-67 GM A-Body, V-8, All 3.00" Mandrel Bent Tubing From Trans X-Member Back, Incl. H-Pipe, Hardware, Super 40 Series Mufflers, American Thunder, DOS, 16 Gauge 409S Stainless Steel.



PART # 817208

FORCE II SYSTEM 98-03, DODGE DURANGO, 4.7L/5.2L/5.9L, V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Force II	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	70 Series Big Block	3.00	Single Rear Exit

DESCRIPTION

98-03, Dodge Durango, 4.7L/5.2L/5.9L, V8, Cat-Back, 70 Series Muffler, Mandrel Bent 2.5in. 16 gauge Tubing, 3in. Polished T304 Stainless Steel Tip, SOR, Force II, 409S Stainless Steel.



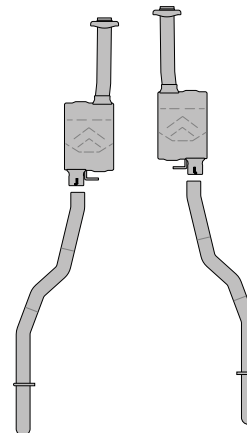
PART # 817212

AMERICAN THUNDER SYSTEM 94-97 FORD MUSTANG, GT/ COBRA, 4.6L / 5.0L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 44 Series	2.50	Dual Rear Exit

DESCRIPTION

94-97 Ford Mustang, GT / Cobra, 4.6L / 5.0L, 2.50" Outlet, Super 44 Series Mufflers, Stainless OEM Style Tips, American Thunder, Dual out rear, Mandrel Bent Tubing, 409S Stainless Steel



SYSTEM DESCRIPTIONS

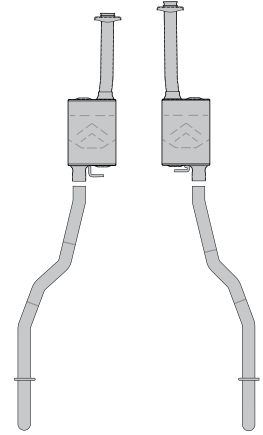
PART# 817213

AMERICAN THUNDER SYSTEM 86-93 MUSTANG 5.0L LX/1986 GT

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless steel	Super 44 Series	2.50	Dual Rear Exit

DESCRIPTION

86-93 Ford Mustang LX 5.0L / '86 GT 5.0L, 2.50" Outlet, Super 44 Series Mufflers, 2.50" OEM Style Stainless Tips, American Thunder, Dual out rear, Mandrel Bent Tubing, 409S Stainless Steel



PART# 817233

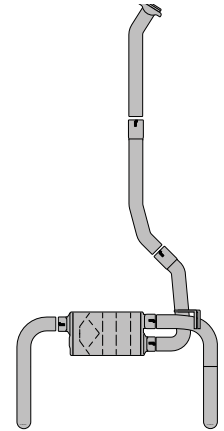
AMERICAN THUNDER SYSTEM 08-11 86-91 CHEVROLET CAMARO/PONTIAC FIREBIRD, 5.0L/5.7L, V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	80 Series Crossflow	3.00	Dual Rear Exit

DESCRIPTION

86-91 Chevy Camaro / Pontiac Firebird, 5.0L/5.7L, V8, .3in. Single Flanged Cat, Cat-Back, 80 Series Muffler, Mandrel Bent 3in. 16 gauge Tubing, 3in. T304 Polished Stainless Steel, Dual out rear, American Thunder, 409S Stainless Steel

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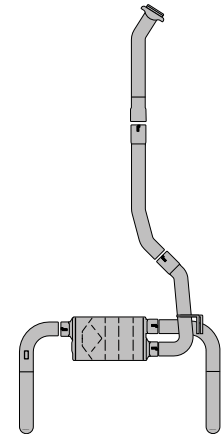
PART# 817234

AMERICAN THUNDER SYSTEM 86-91 CHEVROLET CAMARO/PONTIAC FIREBIRD, 5.0L/5.7L, V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	3.00	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	80 Series Crossflow	3.00	Dual Rear Exit

DESCRIPTION

86-91 Chevy Camaro / Pontiac Firebird, 5.0L/5.7L, V8, 2.5in. Single Flanged 2.5" Cat, Cat-back, 80 Series Muffler, Mandrel Bent 3in. 16 gauge Tubing, 3in. T304 Polished Stainless Steel tips, Dual out rear, American Thunder, 409S Stainless Steel



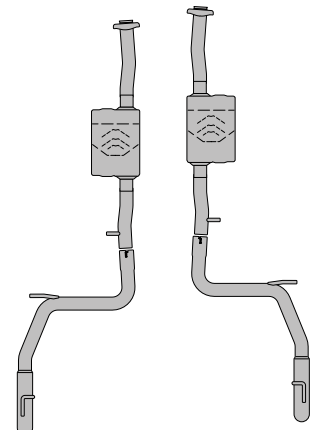
PART# 817248

AMERICAN THUNDER SYSTEM 99-04 FORD MUSTANG COBRA, 4.6L DOHC V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 40 Series	3.00	Dual Rear Exit

DESCRIPTION

99-04 Ford Mustang Cobra, 4.6L DOHC V8, Cat-back, Super 40 Series Mufflers, Mandrel Bent 2.5in. 16 Gauge Tubing, 3in. Polished T304 Stainless Steel Tips, Dual out rear, American Thunder, 409S Stainless Steel



SYSTEM DESCRIPTIONS

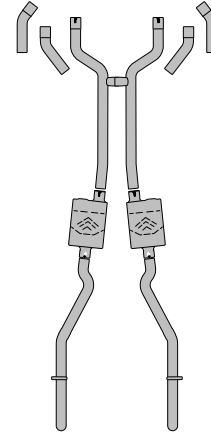
PART # 817273

AMERICAN THUNDER SYSTEM 64-66 FORD MUSTANG (NOT GT)

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Header-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 44 Series	2.50	Dual Rear Exit

DESCRIPTION

64-66 Ford Mustang (Not GT), Header-Back, Super 44 Series Mufflers, Mandrel Bent 2.5in. 16 gauge Tubing, Dual out rear, American Thunder, 409S Stainless Steel, (Does Not Fit GT or Convertibles)



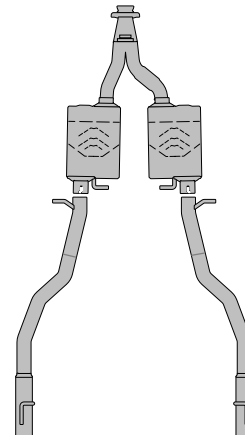
PART # 817275

FORCE II SYSTEM 99-04 FORD MUSTANG LX V6

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Force II	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 40	3.00	Dual Rear Exit

DESCRIPTION

99-04 Ford Mustang LX, 3.8L, V6, Cat-Back, Super 40 Mufflers, Mandrel Bent 2.5in. 16 Gauge Tubing, 3in. Polished T304 Stainless Steel Tips, Dual out rear, Force II, 409S Stainless Steel



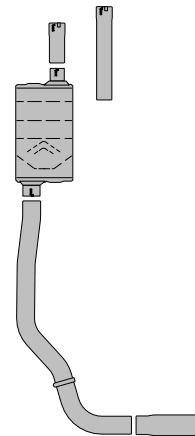
PART # 817278

FORCE II SYSTEM 00-03 DODGE DAKOTA, 4.7L/5.9L, V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	3.00	Cat-back System	Mild/Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Force II	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 50 Series	3.50	Single Side Exit

DESCRIPTION

00-03 Dodge Dakota, 4.7L/5.9L, V8, Fits All WB, Cat-Back, Super 50 Muffler, Mandrel Bent 3in. 16 Gauge Tubing, 3.5in. Polished T304 Stainless Steel Tip, Single out side, Force II, 409S Stainless Steel



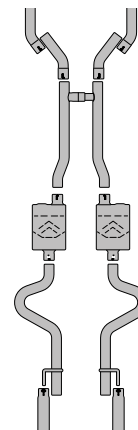
PART # 817281

AMERICAN THUNDER SYSTEM 67-70 FORD MUSTANG GT

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Header-back System	Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 44 Series	3.00	Dual Rear Exit

DESCRIPTION

67-70 Ford Mustang GT, Header-back, Super 44 Mufflers, Mandrel Bent 2.5in. 16 Gauge Tubing, 3in. Polished T304 Stainless Steel Tips, Dual out rear, American Thunder, 409S Stainless Steel (exits through factory valance cut outs, does not fit convertibles or cars with staggered shocks)



SYSTEM DESCRIPTIONS

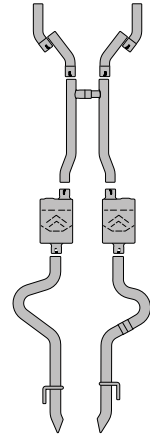
PART# 817282

AMERICAN THUNDER SYSTEM 67-70 FORD MUSTANG, V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Header-back System	Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 44 Series	N/A	Dual Rear Exit

DESCRIPTION

67-70 Ford Mustang, V8, Header-back, Super 44 Series Mufflers, Mandrel Bent 2.5in. 16 Gauge Tubing, Dual out rear, American Thunder, 409S Stainless Steel, Exits Under Valance(does not fit convertibles or cars with staggered shocks)



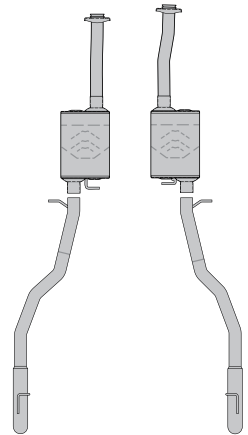
PART# 817312

AMERICAN THUNDER SYSTEM 99-04 MUSTANG GT/MACH1/BULLITT 4.6L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless steel	Super 40 Series	3.00	Dual Rear Exit

DESCRIPTION

99-04 Ford Mustang GT, MACH1 / Bullitt, (Not Cobra), 4.6L SOHC, 2.50" Mandrel Bent Tubing, Super 40 Series Mufflers, 3.00" Polished Tips, American Thunder, Dual out rear, 409S Stainless Steel



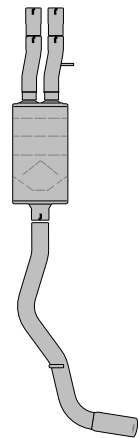
PART# 817328

AMERICAN THUNDER SYSTEM 01-04 CHEVROLET SILVERADO/GMC SIERRA 2500HD/3500HD

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00 Dual	3.50	Cat-back System	Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.50	American Thunder	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	50 Series Big Block	4.00	Single Side Exit

DESCRIPTION

01-04 Chevy Silverado / GMC Sierra, 2500HD/3500HD, 6.0L/8.1L, 3/4 Ton And 1 Ton HD, Extended Cab And Crew Cab, Cat-back, 50 Series Big Block Muffler, Mandrel Bent 3.5in. 16 Gauge Tubing, 4in. Polished T304 Stainless Steel Tip, Single Out-Side, American Thunder, 409S Stainless Steel



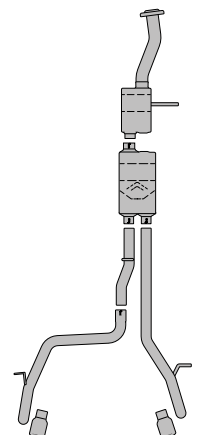
PART# 817342

AMERICAN THUNDER SYSTEM 01-06 CHEVROLET/GMC, SUBURBAN/YUKON XL/AVALANCHE, 5.3L, V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	2.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 50 Series	4.00	Dual Side Exit

DESCRIPTION

01-06 Chevy / GMC, Suburban/Yukon XL/Avalanche, 1/2 Ton, 5.3L, V8, Cat-Back, Super 50 Series Muffler, Tuned Resonator, Mandrel Bent 2.5in. 16 gauge Tubing, 4in. Polished T304 Stainless Steel Tips, Dual out side, American Thunder, 409S Stainless Steel



SYSTEM DESCRIPTIONS

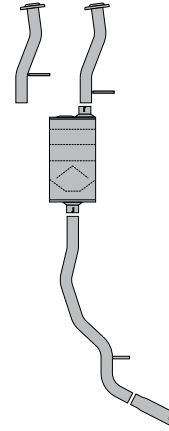
PART # 817344

FORCE II SYSTEM 00-06 CHEVROLET TAHOE/GMC YUKON 4.8L/5.3L V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back System	Mild
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Force II	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	50 Series Big Block	3.50	Single Side Exit

DESCRIPTION

00-06 Chevy Tahoe / GMC Yukon, 4.8L/5.3L, V8, Cat-back, 50 Series Big Block Muffler, Mandrel Bent 3in. 16 Gauge Tubing, 3.5in. Polished 304S W/Embossed Logo Tip, Single out side, Force II, 409S Stainless Steel.



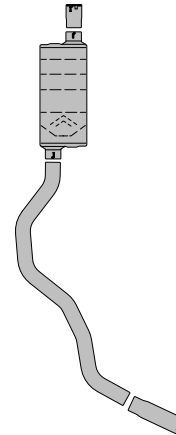
PART # 817345

FORCE II SYSTEM 99-04 FORD F-250/F-350, V8-V10

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back System	Mild/Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Force II	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	70 Series Big Block	3.50	Single Side Exit

DESCRIPTION

99-04 Ford F-250/F-350, V8-V10, Cat-Back, 70 Series Muffler, Mandrel Bent 3in. 16 gauge Tubing, 3.5in. Polished T304 Stainless Steel Tip, Single out side, Force II, 409S Stainless Steel.



PART # 817355

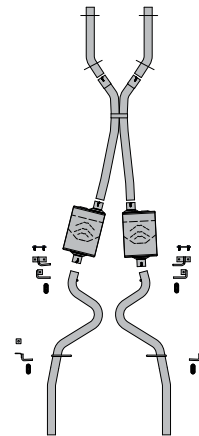
AMERICAN THUNDER SYSTEM 70-74 MOPAR E-BODY 2.50" AMT

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Header-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	RWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 40 Series	N/A	Dual Rear Exit

DESCRIPTION

70-74 Mopar E-Body, Challenger, Barracuda, V-8, Without Valance Cutouts, Incl. Cnvtbl, Trans X-Member Back, X-Pipe, Super 40 Series Mufflers, 2.50" Mandrel Bent Tubing, No SS Tips, Dual out rear, American Thunder, 16 Gauge 409S Stainless Steel.

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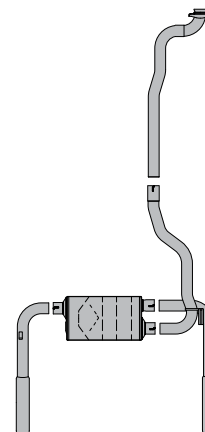
PART # 817356

AMERICAN THUNDER SYSTEM 93-95 CAMARO/FBIRD V6 AMT

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	80 Series Crossflow	3.00	Dual Rear Exit

DESCRIPTION

93-95 Chevy Camaro / Pontiac Firebird, 3.4L, V6, Cat-back, 80 Series Muffler, Mandrel Bent 2.5in. 16 Gauge Tubing, 3in. Polished 304S W/Embossed Logo Tips, Dual out rear, American Thunder, 409S Stainless Steel.



SYSTEM DESCRIPTIONS

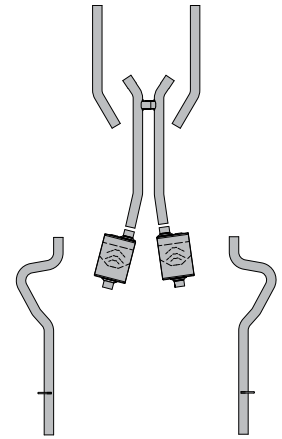
PART# 817390

AMERICAN THUNDER SYSTEM 68-70 MOPAR B-BODY 2.50" AMT

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Header-back System	Moderate/Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 40 Series	N/A	Dual Rear Exit

DESCRIPTION

68-70 Mopar B-Body, V-8, All 2.50" Mandrel Bent Tubing From Trans X-Member Back, Incl. H-Pipe, Hardware, Super 40 Series Mufflers, American Thunder, Dual out rear, 16 Gauge 409S Stainless Steel.



PART# 817391

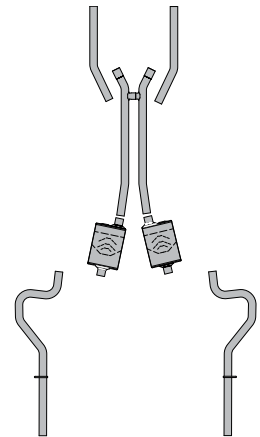
AMERICAN THUNDER SYSTEM 71-72 MOPAR B-BODY 2.50" AMT

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Header-back System	Moderate/Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 40 Series	N/A	Dual Rear Exit

DESCRIPTION

71-72 Mopar B-Body, V-8, All 2.50" Mandrel Bent Tubing From Trans X-Member Back, Incl. H-Pipe, Hardware, Super 40 Series Mufflers, American Thunder, Dual out rear, 16 Gauge 409S Stainless Steel

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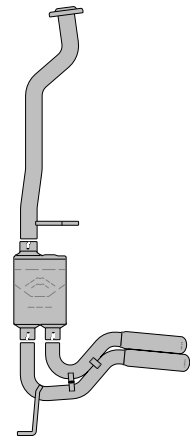
PART# 817395

AMERICAN THUNDER SYSTEM 99-06 CHEVROLET SILVERADO/GMC SIERRA 1500, 4.8L/5.3L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	2.50	Cat-back System	Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 40 Series	3.00	Dual Same Side Exit

DESCRIPTION

99-06 Chev. / GMC Truck, 1/2 Ton, 4.8L / 5.3L, 2/4 Wheel Drive, Ext. Cab / Short Bed, 143.5" WB, 2.50" Outlet, Super 40 Series Muffler, 3.00" Logo Embossed Stainless Tips, American Thunder Muscle Truck, Dual out same side, Exit RH Side Before Rear Axle, Mandrel Bent Tubing, 409S Stainless Steel



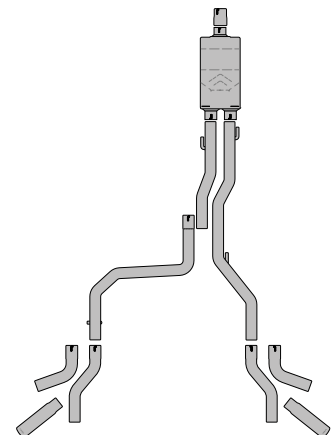
PART# 817397

AMERICAN THUNDER SYSTEM 04-05 DODGE RAM 1500 HEMI, 5.7L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.75	2.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	50 Series HD	3.00	Dual Rear/Side Exit

DESCRIPTION

04-05 Dodge Ram 1500, 1/2Ton, 5.7L Hemi, 2/4 Wheel Drive, All Wheelbases, 50 Series H.D. Muffler, 2.50" Mandrel Bent Tail Pipes, 3.00" Logo Embossed Stainless Tips, American Thunder, Incl. Tube Extensions For Dual out rear And Dual out side In System, Mandrel Bent Tubing, 16 Gauge 409S Stainless Steel



SYSTEM DESCRIPTIONS

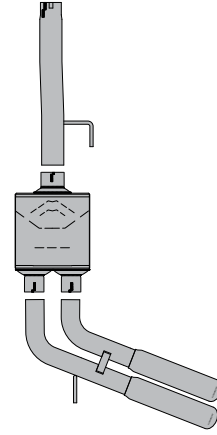
PART # 817398

AMERICAN THUNDER SYSTEM 04-05 DODGE RAM 1500, 5.7L, V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	2.50	Cat-back System	Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 40 Series	3.00	Dual out same side

DESCRIPTION

04-05 Dodge Ram 1500, 5.7L, V8, Crew Cab Short Bed and Standard Cab Long Bed, Cat-back, Super 40 Series Muffler, Mandrel Bent 2.5in. 16 Gauge Tubing, 3in. Polished 304S W/Embossed Logo Tips, Dual out same side, American Thunder, 409S Stainless Steel (2 Wheel Drive Only).



PART # 817400

AMERICAN THUNDER SYSTEM 04-07 DODGE DURANGO/CHRYSLER ASPEN V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.75	2.50	Cat-back System	Moderate/Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	70 Series Big Block	3.00	Dual Out Rear Same Side

DESCRIPTION

04-07 Dodge Durango, 07 Chrysler Aspen, 5.7L/4.7L, V8, Cat-Back, 70 Series Muffler, Mandrel Bent 2.5in. 16 Gauge Tubing, 3in. Polished 304S W/Embossed Logo Tips, Dual out rear (Same Side), American Thunder, 409S Stainless Steel



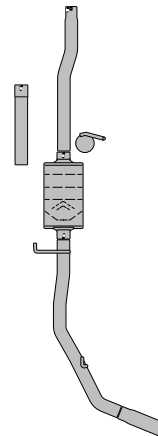
PART # 817403

FORCE II SYSTEM 04-08 FORD F-150/LINCOLN MARK LT 4.6L/5.4L V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back System	Mild
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Force II	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 50 Series	3.50	Single Side Exit

DESCRIPTION

04-08 Ford F-150 / Lincoln Mark LT, 4.6L/5.4L, V8, Cat-Back, Super 50 Series Muffler, Mandrel Bent 3in. 16 gauge Tubing, 3.5in. Polished T304 Stainless Steel Tip, Single out side, Force II, 409S Stainless Steel



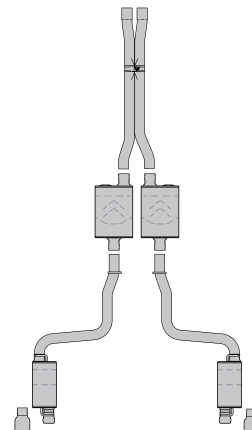
PART # 817405

FORCE II SYSTEM 05-10 DODGE MAGNUM/CHARGER/CHRYSLER 300C 5.7L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Mild
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Force II	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless steel	Super 44 Series	4.00	Dual Rear Exit

DESCRIPTION

05-10 Dodge Magnum RT, Charger RT, Chrysler 300C, 5.7L, Incl. AWD, 2.50" Mandrel Bent Tubing, Super 44 Series Mufflers, Scavenger X-Pipe, Tailpipes w/ Resonators, 4.00" Logo Embossed Tips, Force II, Dual out rear, 409S Stainless Steel



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SYSTEM DESCRIPTIONS

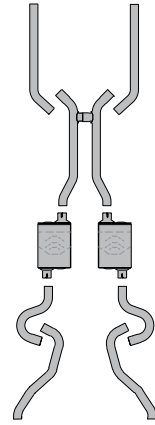
PART# 817409

AMERICAN THUNDER SYSTEM 68-72 GM A-BODY V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Header-back System	Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless steel	Super 40 Series	N/A	Dual Rear Exit

DESCRIPTION

68-72 GM A-Body, V-8, All 2.50" Mandrel Bent Tubing From Trans X-Member Back, Incl. H-Pipe, Hardware, Super 40 Series Mufflers, American Thunder, Dual out rear, 16 Gauge 409S Stainless Steel.



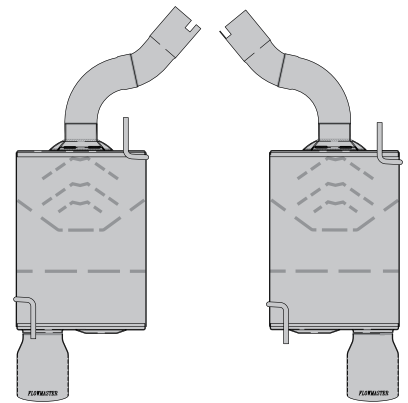
PART# 817410

AMERICAN THUNDER SYSTEM 05-10 FORD MUSTANG GT/GT500 4.6L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Axle-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless steel	60 Series Delta Flow	4.00	Dual Rear Exit

DESCRIPTION

05-10 Ford Mustang GT/ GT500/ California Special/ Cnvtbl. 4.6L, 2.50" Mandrel Bent Tubing, 60-Series Mufflers, 4.00" Polished Tips, American Thunder, Dual out rear, 409S Stainless Steel



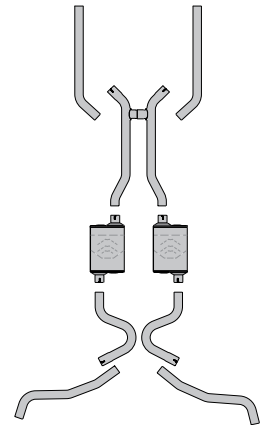
PART# 817412

AMERICAN THUNDER SYSTEM 64-67 GM A-BODY V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Header-back System	Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless steel	Super 40 Series	N/A	Dual Side Exit

DESCRIPTION

64-67 GM A-Body, V-8, All 2.50" Mandrel Bent Tubing From Trans X-Member Back, Incl. H-Pipe, Hardware, Super 40 Series Mufflers, American Thunder, Dual out side, 16 Gauge 409S Stainless Steel.



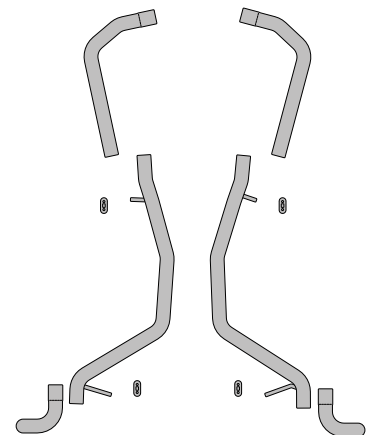
PART# 817413

HEADER BACK PIPE KIT 59-64 CHEVROLET IMPALA

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
N/A	N/A	Pipe Kit	N/A
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	N/A	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	N/A	N/A	Dual Side Exit

DESCRIPTION

59-64 Chevy Impala, V8, Header-Back, Pipe Kit, Mandrel Bent 2.5in. 16 Gauge Tubing, DOS, 409S Stainless Steel (Pipes Only) Use Offset Inlet/Offset Outlet Same Side Mufflers or HP II Mufflers.



SYSTEM DESCRIPTIONS

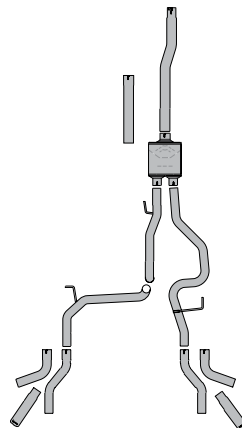
PART # 817417

AMERICAN THUNDER SYSTEM 04-08 F150 4.6/5.4L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	2.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless steel	Super 40 Series	3.00	Dual Rear / Side Exit

DESCRIPTION

04-08 Ford F-150, 4.6L/5.4L, All WB, 2/4 Wheel Drive, 2.50" Outlets, Super 40 Series Muffler, 3.00" Logo Embossed Stainless Tips, American Thunder, Incl. Tube Extensions For Dual out rear And Dual out side In System, Mandrel Bent Tubing, 16 Gauge 409S Stainless.



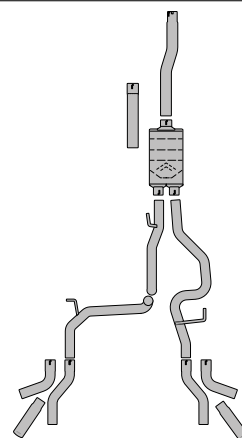
PART # 817418

FORCE II SYSTEM 04-08 FORD F-150/LINCOLN MARK LT 4.6L/5.4L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	2.50	Cat-back System	Mild
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Force II	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 50 Series	3.00	Dual Rear/Side Exit

DESCRIPTION

04-08 Ford F-150/Lincoln Mark LT, 4.6L/5.4L, V8, Cat-Back, Super 50 Series Muffler, Mandrel Bent 2.5in. 16 gauge Tubing, 3in. Polished T304 Stainless Steel Tips, Dual out rear/Dual out side, Force II, 409S Stainless Steel



PART # 817421

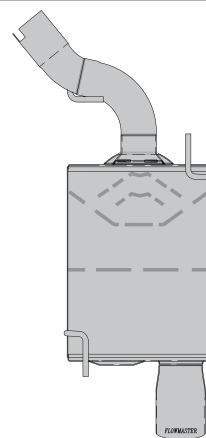
AMERICAN THUNDER SYSTEM 05-09 FORD MUSTANG V6

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Axle-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless steel	60 Series Delta Flow	3.50	Single Rear Exit

DESCRIPTION

05-09 Ford Mustang V6 (Incl Conv.), 2.50" Mandrel Bent Tubing, Single System, 60 Series Muffler, 3.50" Polished Tip, American Thunder, Single out rear, 409S Stainless Steel

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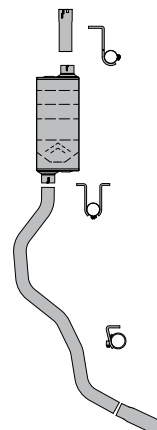
PART # 817422

AMERICAN THUNDER SYSTEM 05-07 FORD F-25-/F-350

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back System	Mild/Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Force II	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless steel	70 Series Big Block	3.50	Single Side Exit

DESCRIPTION

05-07 Ford F-250/F-350 Super Duty, 5.4L, V8, 6.8L, V10, Cat-back, All Wheel Bases, 70 Series Muffler, Mandrel Bent 3in. 16 Gauge Tubing, 3.5in. Polished 304S W/Embossed Logo Tip, Single out side, Force II, 409S Stainless Steel.



SYSTEM DESCRIPTIONS

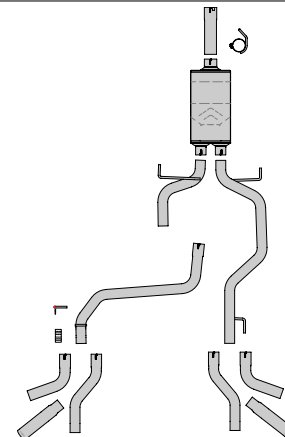
PART # 817423

AMERICAN THUNDER SYSTEM 06-08 DODGE RAM 1500

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	2.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless steel	50 Series HD	3.00	Dual Rear/Side Exit

DESCRIPTION

06-08 Dodge Ram, 1/2 Ton, 5.7L Hemi, Except Mega Cab, 2/4 Wheel Drive, 2.50" Outlets, 50 Series HD Muffler, 3.00" Logo Embossed Stainless Tips, American Thunder, Incl. Tube Extensions for Dual out rear and Dual out side, Mandrel Bent Tubing, 409S Stainless



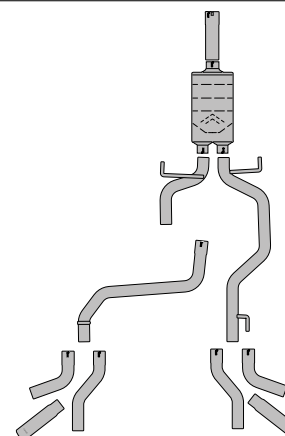
PART# 817424

AMERICAN THUNDER SYSTEM 06-08 DODGE RAM, 1/2TON, 4.7L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	2.50	Cat-back System	Mild/Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 50 Series	3.00	Dual Rear/Side Exit

DESCRIPTION

06-'08 Dodge Ram, 1/2Ton, 4.7L, 2/4 Wheel Drive, All Wheelbases (except Mega Cab), 2.50" Outlets, Super 50 Series (SUV) Muffler, 3.00" Logo Embossed Stainless Tips, American Thunder, (Will not fit 5.7L Hemi), Incl Tube Extensions For Dual out rear And Dual out side In System, Mandrel Bent Tubing, 409S Stainless Steel



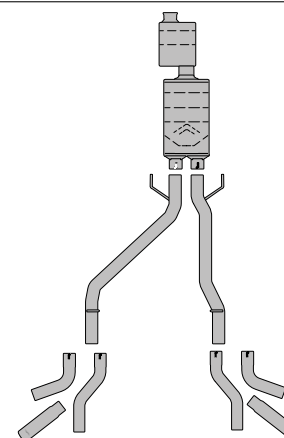
PART# 817425

AMERICAN THUNDER SYSTEM 00-06 TOYOTA TUNDRA, 4.7L, V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	2.50	Cat-back System	Moderate/Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 50 Series	3.00	Dual Rear/Side Exit

DESCRIPTION

00-06 Toyota Tundra, 4.7L, V8, Cat-Back, Super 50 Series Muffler, Tuned Resonator, Mandrel Bent 2.5in. 16 gauge Tubing, 3in. Polished T304 Stainless Steel tips, Dual out rear/side, American Thunder, 409S Stainless Steel



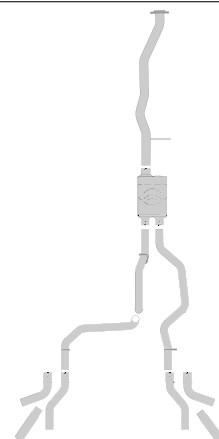
PART # 817428

AMERICAN THUNDER SYSTEM 99-06 CHEVROLET SILVERADO/GM SIERRA C/K 1500

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	2.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless steel	Super 40 Series	3.00	Dual Rear/Side Exit

DESCRIPTION

99-06 Chevy Silverado / GMC Sierra, 1/2 Ton, 4.8L / 5.3L (W/Single Flanged Cat) Ext. Cab/Short Bed Only, 2/4 Wheel Drive, 2.50" Outlets, Super 40 Series Muffler, 3.00" Logo Embossed Stainless Tips, American Thunder, Incl. Tube Extensions for DOR and DOS in Kit, Mandrel Bent Tubing, 409S Stainless Steel.



SYSTEM DESCRIPTIONS

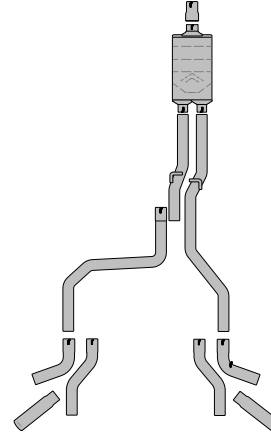
PART # 817429

AMERICAN THUNDER SYSTEM 94-01 DODGE RAM 1500, 1/2TON, 5.2L / 5.9L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 50 Series	3.00	Dual Rear/Side Exit

DESCRIPTION

94-01 Dodge Ram 1500, 1/2Ton, 5.2L / 5.9L, 2/4 Wheel Drive, All Wheelbases, 2.50" Outlets, Super 50 Series (SUV) Muffler, 3.00" Logo Embossed Stainless Tips, American Thunder, Incl. Tube Extensions For Dual out rear And Dual out side Exits, Mandrel Bent Tubing, 16 Gauge 409S Stainless Steel



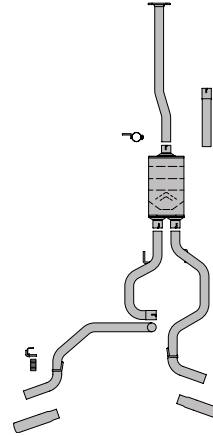
PART # 817432

AMERICAN THUNDER SYSTEM 05-12 TOYOTA TACOMA V6 4.0L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Moderate Sound
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 50 Series	3.00	Dual Side Exit

DESCRIPTION

05-10 Toyota Tacoma, (Except Std Cab/X-Runner), 4.0L V6, 2/4 Wheel Drive, Super 50 Series Muffler, 2.50" tailpipes with 3.00" Logo Embossed Stainless Tips, American Thunder, Dual out side, Mandrel Bent Tubing, 409S Stainless Steel.



PART # 817433

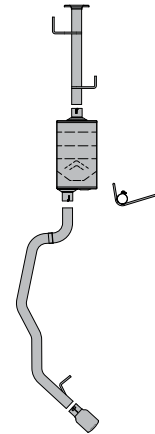
FORCE II SYSTEM 07-14 TOYOTA FJ CRUISER 4.0L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Force II	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 50 Series	4.00	Single Side Exit

DESCRIPTION

07-14 Toyota FJ Cruiser, 4.0L, V6, Cat-back, Super 50 Muffler, Mandrel Bent 2.50in. 16 Gauge Tubing, 4.00in. Polished 304S W/Embossed Logo Tip, SOS, Force II, 409S Stainless Steel.

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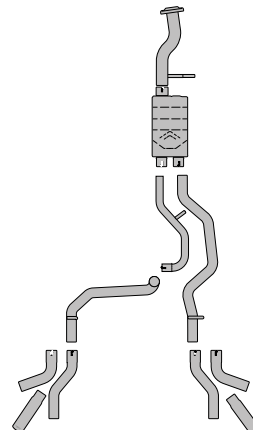
PART # 817435

AMERICAN THUNDER SYSTEM 99-06 CHEVROLET SILVERADO/GMC SIERRA 1500, 4.8L / 5.3L, V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	2.50	Cat-back System	Moderate/Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 50 Series	3.00	Dual Rear/Side Exit

DESCRIPTION

99-06 Chevy Silverado / GMC Sierra 1500, 4.8L / 5.3L, V8, Standard Cab Short Bed, Cat-Back, Super 50 Series Muffler, Mandrel Bent 2.5in. Tailpipes, 16 gauge Tubing, 3in. Polished T304 Stainless Steel Tips, Dual out rear/ side, American Thunder, 409S Stainless Steel



SYSTEM DESCRIPTIONS

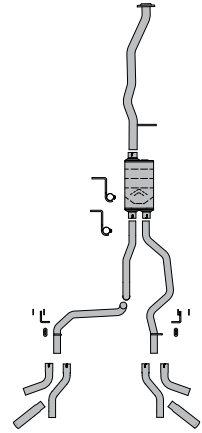
PART # 817436

AMERICAN THUNDER SYSTEM 04-06 CHEVROLET SILVERADO/GMC SIERRA 1500, 4.8L/5.3L, V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	2.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless steel	Super 50 Series	3.00	Dual out rear/side

DESCRIPTION

04-06 Chevy Silverado/GMC Sierra1500, 4.8L/5.3L, V8, Crew Cab w/5.5' Bed, Cat-back, Single Flanged 3" Inlet Pipe, Super 50 Series Muffler, Mandrel Bent 2.5in. 16 Gauge Tubing, 3in. Polished 304S W/Embossed Logo Tips, Dual out rear/side, American Thunder, 409S Stainless Steel.



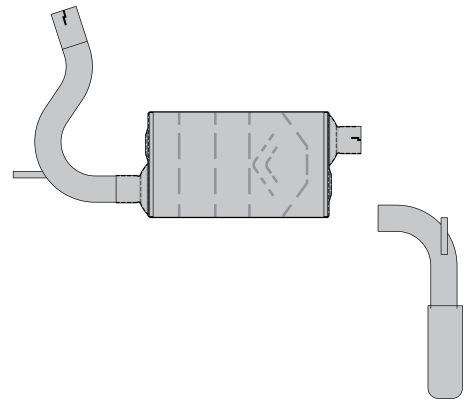
PART # 817437

FORCE II SYSTEM 07-11 JEEP WRANGLER JK V6

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Axle-back System	Mild
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Force II	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless steel	Super 50 Series	3.00	Single Rear Exit

DESCRIPTION

07-11 Jeep Wrangler JK, 3.8L/3.6L, V-6, 2/4 Wheel Drive, 2/4 Door, Super 50-Series Muffler, 2.50" Mandrel Bent Tubing, 3.00" Brushed Stainless Steel Tip, Force II, SOR, 409S Stainless Steel



PART # 817438

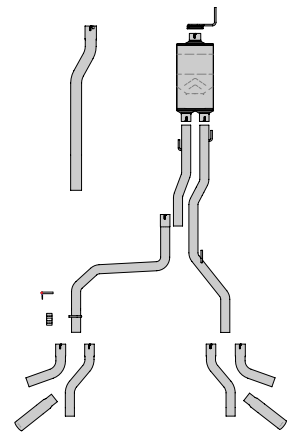
AMERICAN THUNDER SYSTEM 03-08 DODGE RAM 2500/3500/05-08 DODGE RAM 1500

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	2.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless steel	50 Series HD	3.00	Dual Rear/Side Exit

DESCRIPTION

03-08 Dodge Ram 2500/3500 w/5.7 L, 05-08 Dodge Ram 1500 Mega Cab, 2/4 Wheel Drive, All Wheelbases, 50 Series H.D. Muffler, 3.00" Stainless Tips, American Thunder, Incl tube extensions for DOR and DOS, Mandrel Bent Tubing, 409S Stainless Steel.

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PART# 817443

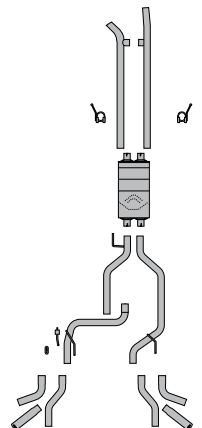
AMERICAN THUNDER SYSTEM 07-09 TOYOTA TUNDRA 5.7L V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	50 Series Big Block	3.00	Dual Rear/Side Exit

DESCRIPTION

07-09 Toyota Tundra, 5.7L, V8, Cat-back, 50 Big Block Muffler, Mandrel Bent 2.50in. 16 Gauge Tubing, 3.00in. Polished 304S W/Embossed Logo Tips, DOR/S, American Thunder, 409S Stainless Steel (*Vehicles built BEFORE 08/2008)

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SYSTEM DESCRIPTIONS

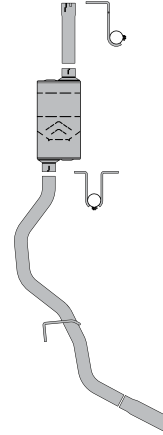
PART # 817446

FORCE II SYSTEM 08-10 FORD F250/F350 5.4L/6.2L/6.8L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back System	Mild
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Force II	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	50 Series HD	3.50	Single Side Exit

DESCRIPTION

08-10 Ford F-250/F-350, 5.4L/6.2L/6.8L, V8/V10, All Wheel Bases, Cat-back, 50 Series HD Muffler, Mandrel Bent 3in. 16 Gauge Tubing, 3.5in. Polished 304S W/Embossed Logo Tip, Single out side, Force II, 409S Stainless Steel



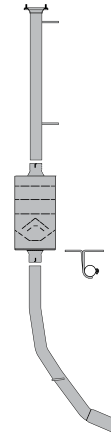
PART # 817451

FORCE II SYSTEM 11-15 CHEVROLET SILVERADO/GMC SIERRA 2500/3500HD 6.L V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.50	3.50	Cat-back System	Mild/Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.50	Force II	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	50 Series Big Block	4.00	Single Side Exit

DESCRIPTION

11-15 Chevy Silverado / GMC Sierra 2500/3500 HD, 6.0L, V8, Crew Cab Short Bed, Cat-back, 50 Series Big Block Muffler, Mandrel Bent 3.5in. 16 Gauge Tubing, 4in. Polished 304S W/Embossed Logo Tip, Single out side, Force II, 409S Stainless Steel



PART # 817455

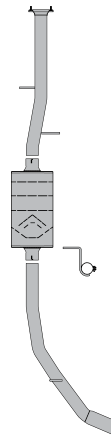
FORCE II SYSTEM 07-10 CHEVROLET SILVERADO/GMC SIERRA 2500HD/3500HD 6.0L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.50	3.50	Cat-back System	Mild/Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.50	Force II	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	50 Series Big Block	4.00	Single Side Exit

DESCRIPTION

07-10 Chevy Silverado / GMC Sierra 2500/3500HD, 6.0L, V8, Crew Cab Short Bed, Cat-back, 50 Series Big Block Muffler, Mandrel Bent 3.50". 16 Gauge Tubing, 4.00" Polished 304S W/Embossed Logo Tip, Single out side, Force II, 409S Stainless Steel

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PART # 817456

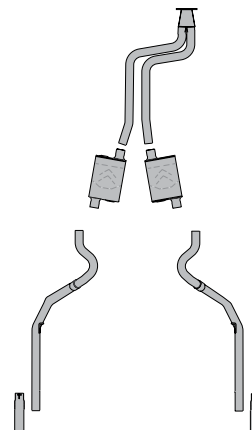
AMERICAN THUNDER SYSTEM 78-88 GM A/G BODY V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless steel	Super 44 Series	3.00	Dual Rear Exit

DESCRIPTION

78-88 GM A-Body and G-Body V8, Cat-Back System, Incl. 3" Flanged Y-Pipe, Hardware, 2.50"mandrel bent tailpipes, Super 44 Series Mufflers, 3" Polished Stainless Tips, American Thunder, Dual out rear, 409 Stainless Steel.

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SYSTEM DESCRIPTIONS

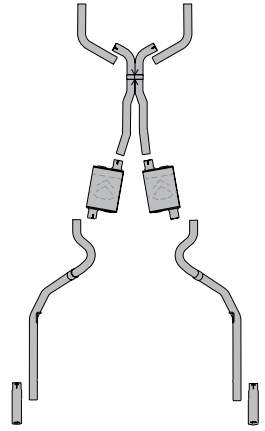
PART# 817457

AMERICAN THUNDER SYSTEM 78-88 GM A/G BODY V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Header-back System	Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless steel	Super 44 Series	3.00	Dual Rear Exit

DESCRIPTION

78-88 GM A-Body and G-Body V8, Header-Back System, Incl. Scav. X-Pipe, Hardware, 2.50" mandrel bent tailpipes, Super 44 Series Mufflers, 3" Polished Stainless Tips, American Thunder, Dual out rear, 409 Stainless Steel (Requires the use of a "double hump" crossmember)



PART# 817459

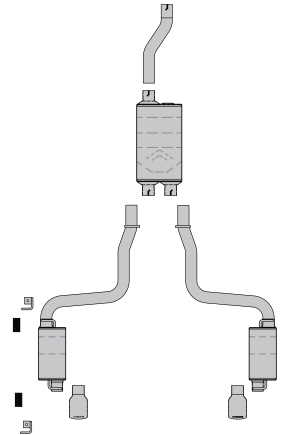
FORCE II SYSTEM 09-10 DODGE CHALLENGER V6

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Mild
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Force II	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless steel	Super 50 Series	4.00	Dual Rear Exit

DESCRIPTION

09-10 Dodge Challenger, 3.5L V-6, 2.50" Split Dual System, Mandrel Bent Tubing, Super 50 Series Muffler, 4.00" Polished Stainless Steel Logo Embossed Tips, Force II, Dual out rear. 409S Stainless Steel

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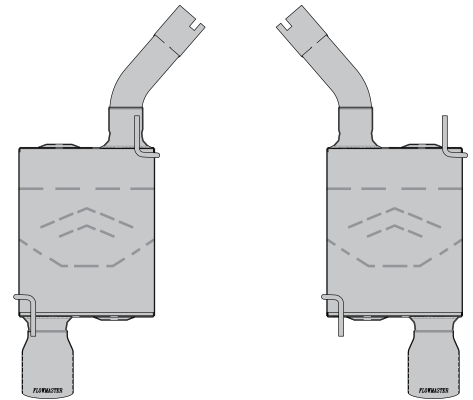
PART# 817460

AMERICAN THUNDER SYSTEM 05-10 FORD MUSTANG GT 4.6L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Axle-back System	Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless steel	Super 44 Series	4.00	Dual Rear Exit

DESCRIPTION

05-10 Ford Mustang GT/ GT500/ California Special/ Cnvtbl, 4.6L, 2.50" Mandrel Bent Tubing, Classic 40 Series Mufflers, 4.00" Polished Tips, Classic American Thunder, Dual out rear, 409S Stainless Steel



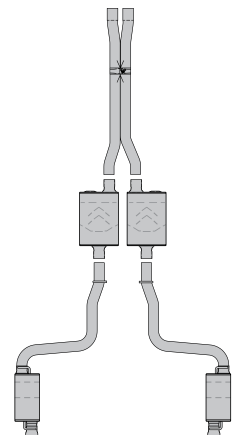
PART# 817461

FORCE II SYSTEM 09-14 DODGE CHALLENGER R/T 5.7L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Force II	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 44 Series	N/A	Dual Rear Exit

DESCRIPTION

09-14 Dodge Challenger R/T, 5.7L Hemi, 2.50" Mandrel Bent Tubing, Super 44 Series Mufflers, Resonators, Scavenger X-Pipe, Uses Factory Tips, Force II, DOR, 409S Stainless Steel



SYSTEM DESCRIPTIONS

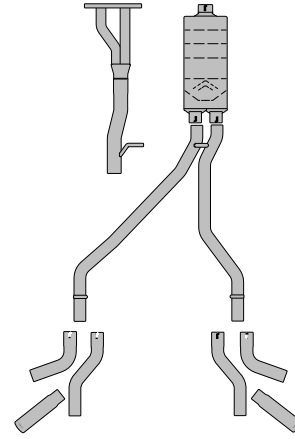
PART # 817470

AMERICAN THUNDER SYSTEM 96-99 CHEVROLET SILVERADO/ GMC SIERRA 1500, 5.7L, V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.00 (Dual)	2.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	70 Series Big Block	3.00	Dual Rear/Side Exit

DESCRIPTION

96-99 ChevySilverado / GMC Sierra 1500, Extended Cab Short Bed, 5.7L, V8, (W/Dual Cats), Cat-Back, 70 Series Muffler, Mandrel Bent 2.5in. 16 gauge Tubing, 3in. Polished T304 Stainless Steel Tips, Dual out rear/side, American Thunder, 409S Stainless Steel



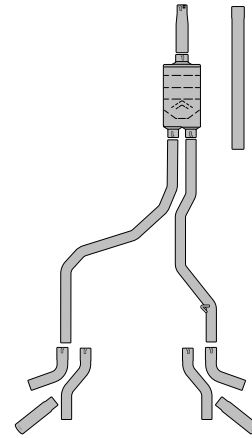
PART # 817471

AMERICAN THUNDER SYSTEM 86-96 FORD F-150

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 50 Series	3.00	Dual Rear/Side Exit

DESCRIPTION

87-96 Ford F-150, V8/V6, Cat-Back, Super 50 Series Muffler, Mandrel Bent 2.5in. 16 Gauge Tubing, 3in. Polished T304 Stainless Steel Tips, Dual out rear/side, American Thunder, 409S Stainless Steel



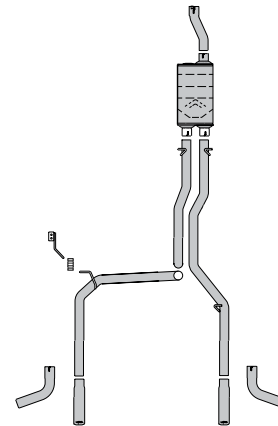
PART # 817472

FORCE II SYSTEM 98-03 FORD F-150 ALL WB

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Force II	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 50 Series	3.00	Dual Rear/Side Exit

DESCRIPTION

98-03 Ford Truck, F-150, 1/2Ton, 4.6L / 5.4L, 2/4 Wheel Drive, All Wheelbases, 2.50" Outlets, Super 50 Series Muffler, 3.00" Stainless Tips, Force II, Incl Tube Ext for Dual out rear and Dual out side in System, Mandrel Bent Tubing, 409S Stainless Steel.



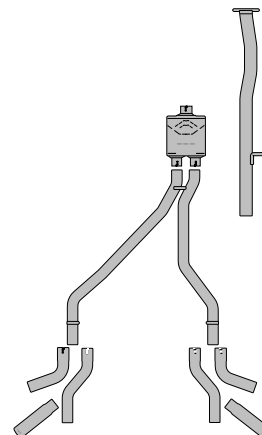
PART # 817473

AMERICAN THUNDER SYSTEM 93-95 CHEVROLET SILVERADO/GMC SIERRA 1500, 5.0L/5.7L, V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	2.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 40 Series	3.00	Dual Rear/Side Exit

DESCRIPTION

93-95 Chev./GMC Silverado/Sierra 1500, 5.0L/5.7L, V8, 4WD, Extended Cab Short Bed, Cat-back, Super 40 Series Muffler, Mandrel Bent 2.5in. 16 Gauge Tubing, 3in. Polished T304 Stainless Steel Tips, Dual out rear/ Dual out side, American Thunder, 409S Stainless Steel (4 Wheel Drive Only)



SYSTEM DESCRIPTIONS

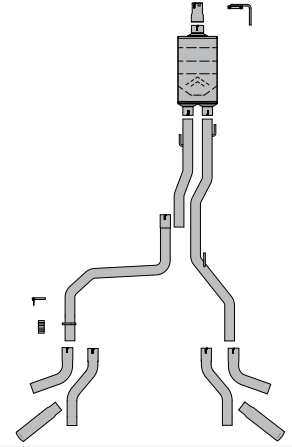
PART# 817476

AMERICAN THUNDER SYSTEM 02-05 DODGE RAM 1500, 4.7L/5.9L, V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless steel	Super 50 Series	3.00	Dual out rear/side

DESCRIPTION

02-05 Dodge Ram 1500, 4.7L/5.9L, V8, All Wheel Bases, Cat-back, Super 50 Series Muffler, Mandrel Bent 2.5in. 16 Gauge Tubing, 3in. Polished 304S W/Embossed Logo Tips, Dual out rear/side, American Thunder, 409S Stainless Steel (Will Not Fit Hemi).



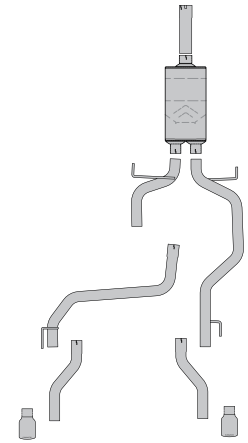
PART# 817477

AMERICAN THUNDER SYSTEM 09-14 DODGE RAM 1500 5.7L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	2.50	Cat-back System	Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	American Thunder	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	50 Series HD	4.00	Dual Rear Exit

DESCRIPTION

09-14 Dodge Ram, 1500, 5.7L Hemi Magnum, 2/4 Wheel Drive, All Wheelbases, 2.50" Outlets, 50 Series H.D. Muffler, 4.00" Logo Embossed Stainless Tips, American Thunder; Incl Tube Extensions For Dual Rear Exit In Kit, Mandrel Bent Tubing, 16 Gauge 409S Stainless Steel. (Does not fit trucks with factory single exit tailpipe).



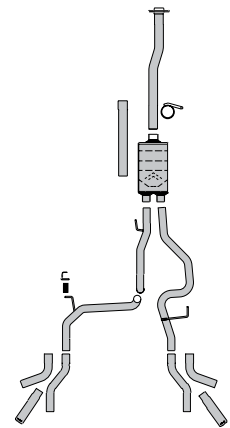
PART# 817478

FORCE II SYSTEM 09-14 FORD F-150 4.6L/5.0L/5.4L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	2.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Force II	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 50 Series	3.00	Dual Rear/Side Exit

DESCRIPTION

09-14 Ford F-150, 4.6L/5.0L/5.4L, All WB, 2/4 Wheel Drive, 2.50" Outlets, Super 50 Series Muffler, 3.00" Logo Embossed Stainless Tips, Force II, Incl. Tube Extensions for DOR and DOS in Kit, Mandrel Bent Tubing, 409S Stainless Steel



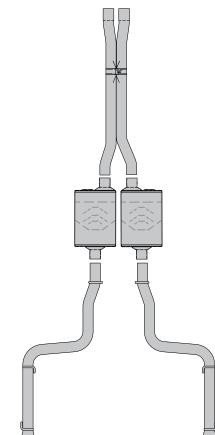
PART# 817479

AMERICAN THUNDER SYSTEM 09-14 CHALLENGER 5.7L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 40 Series	N/A	Dual Rear Exit

DESCRIPTION

09-14 Dodge Challenger, 5.7L Hemi, 2.50" Mandrel Bent Tubing, Super 40 Series Mufflers, Scavenger X-Pipe, Uses Factory Tips, American Thunder, DOR, 409S Stainless Steel



SYSTEM DESCRIPTIONS

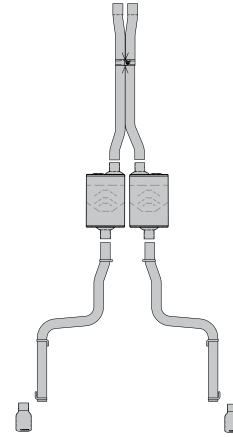
PART # 817480

AMERICAN THUNDER SYSTEM 05-10 MAGNUM/CHARGER/CHRYSLER 300C 5.7L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 40 Series	4.00	Dual Rear Exit

DESCRIPTION

05-10 Dodge Magnum RT, Charger RT, Chrysler 300C, 5.7L, Incl. AWD, 2.50" Mandrel Bent Tubing, Super 40 Series Mufflers, Scavenger X-Pipe, 4.00" Logo Embossed Tips, American Thunder, Dual out rear, 409S Stainless Steel



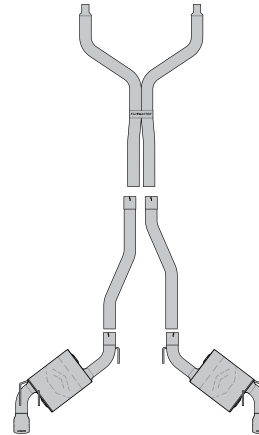
PART # 817481

AMERICAN THUNDER SYSTEM 10-13 CHEVROLET CAMARO V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back System	Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	40 Series Classic	4.00	Dual Rear Exit

DESCRIPTION

10-13 Chevy Camaro SS 6.2L, 3.00" Mandrel Bent Tubing, 40 Series Mufflers, Scavenger X-Pipe, 4.00" Logo Embossed Tips, American Thunder, DOR, 409S Stainless Steel, (Will Not Fit Ground Effects Package), For Ground Effects Package Use Kit # 817487



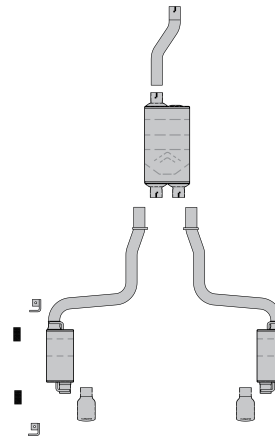
PART # 817482

FORCE II SYSTEM 06-10 DODGE CHARGER 2.7L/3.5L V6

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Mild
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Force II	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 50 Series	4.00	Dual Rear Exit

DESCRIPTION

06-10 Dodge Charger, 2.7L/3.5L V6, 2.50" Dual System, Mandrel Bent Tubing, Super 50 Series Muffler, 4.00" Polished Stainless Steel Logo Embossed Tip, Force II, Dual out rear, 409S Stainless Steel



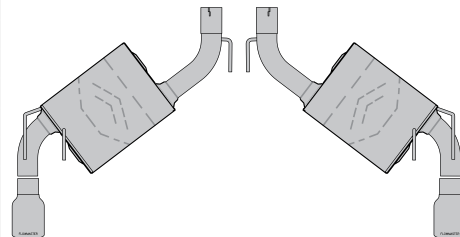
PART # 817483

AMERICAN THUNDER SYSTEM 10-15 CHEVROLET CAMARO 3.6L V6

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Axle-back System	Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	40 Series Classic	4.00	Dual Rear Exit

DESCRIPTION

10-15 Chevy Camaro 3.6L V6, Axle Back System, 2.50" Mandrel Bent Tubing, 40 Series Mufflers, 4.00" Polished Tips, American Thunder, DOR, 409S Stainless Steel



SYSTEM DESCRIPTIONS

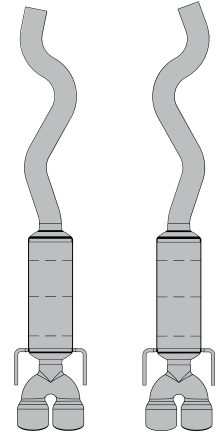
PART# 817484

FORCE II SYSTEM 09-13 CHEVROLET CORVETTE 6.2L V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Axle-back System	Mild/Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Force II	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	60 Series Delta Flow	3.50	Dual Rear Exit

DESCRIPTION

09-13 Chevy Corvette, 6.2L, V8, Axle-back, 60 Series Mufflers, Mandrel Bent 2.50" 16 Gauge Tubing, 3.50" Polished 304S W/Embossed Logo Tips, DOR, Force II, 409S Stainless Steel (Will Not Fit Z06)



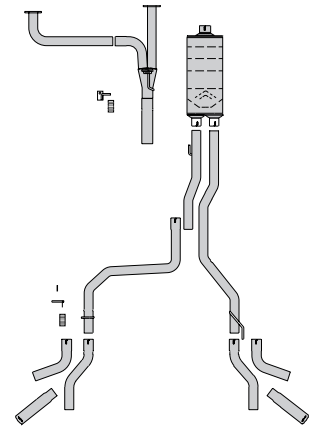
PART# 817485

AMERICAN THUNDER SYSTEM 04-14 NISSAN TITAN 5.6L V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	70 Series Big Block	3.00	Dual Rear/Side Exit

DESCRIPTION

04-14 Nissan Titan, 2/4 Wheel Drive, All Wheelbases Except Crew Cab Long Bed, 2.50" Outlets, 70 Series Muffler, Scavenger "Y-Pipe", 3.00" Logo Embossed Stainless Tips, American Thunder, Incl. Tube Extensions For DOR And DOS In Kit, Mandrel Bent Tubing, 409S Stainless Steel.



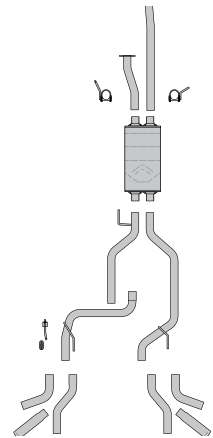
PART# 817486

FORCE II SYSTEM 09-14 TOYOTA TUNDRA 5.7L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	FORCE II	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	50 Series Big Block	3.00	Dual Rear/Side Exit

DESCRIPTION

09-14 Toyota Tundra, 4.6L/5.7L I-FORCE, 2/4 Wheel Drive, 2.50", Incl. Flanged Dual Inlet Pipes, 50 Series Big Block muffler, 3.00" Rolled Edge Stainless Steel Tips, Force II, Incl tube extensions for DOR and DOS in kit, Mandrel Bent 16 Gauge 409S Stainless Steel.(Will not fit regular cab/short bed or the double cab/long bed). Built after 08-08



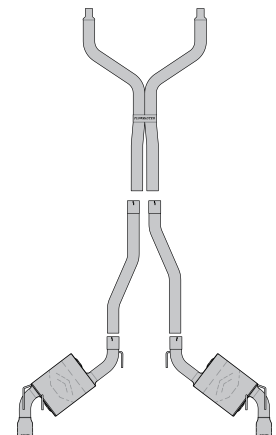
PART# 817487

AMERICAN THUNDER SYSTEM 10-13 CHEVROLET CAMARO SS

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back System	Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	40 Series Classic	4.00	Dual Rear Exit

DESCRIPTION

10-13 Chevy Camaro SS 6.2L, 3.00" Mandrel Bent Tubing, 40 Series Mufflers, Scavenger X-Pipe, 4.00" Logo Embossed Tips, American Thunder, DOR, 409S Stainless Steel, (WITH GROUND EFFECTS PACKAGE ONLY, Non Ground Effects Use Kit # 817481)



SYSTEM DESCRIPTIONS

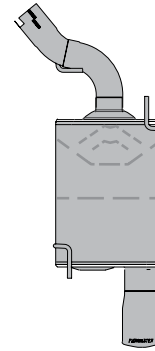
PART # 817488

AMERICAN THUNDER SYSTEM 2010 FORD MUSTANG V6

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Axle-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless steel	60 Series Delta Flow	4.00	Single Rear Exit

DESCRIPTION

2010 Ford Mustang V6 (Incl Conv.), 2.50" Mandrel Bent Tubing, Single System, 60 Series Muffler, 4.00" Polished Tip, American Thunder, Single out rear, 409S Stainless Steel



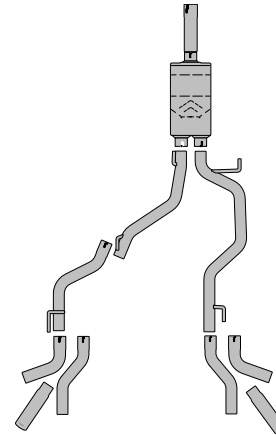
PART # 817490

AMERICAN THUNDER SYSTEM 09-14 DODGE RAM 1500, 4.7L / 5.7L, V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	2.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	50 Series HD	3.00	Dual Rear/Side Exit

DESCRIPTION

09-14 Dodge Ram 1500, 4.7L / 5.7L, V8, Cat-Back, 50 Series HD Muffler, Mandrel Bent 2.5in. 16 gauge Tubing, 3in. Polished T304 Stainless Steel Tips, DOR/S, American Thunder, 409S Stainless Steel (Does NOT fit trucks with factory dual tailpipes)



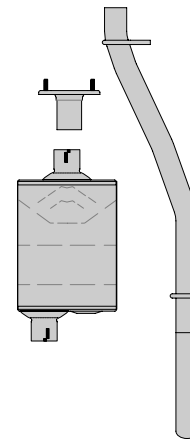
PART # 817491

FORCE II SYSTEM 00-06 JEEP WRANGLER 4.0L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Mild
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Force II	None	4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless steel	60 Series Delta Flow	2.50	Single Rear Exit

DESCRIPTION

00-06 Jeep Wrangler TJ, 4.0L, Cat-Back System, 2/4 Wheel Drive, 2.50" Diameter Tubing, 60 Series Delta Flow Muffler, 2.50" Brushed Stainless Tip, Force II, SOR, 409S Stainless Steel, (Does Not Fit Extended Wheelbase Unlimited Model)



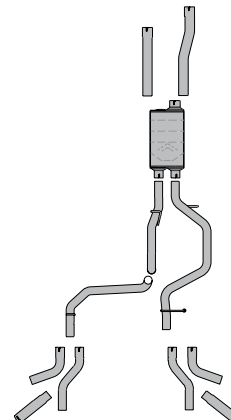
PART # 817492

FORCE II SYSTEM 07-13 CHEVROLET SILVERADO/GMC SIERRA1500 5.3L ALL WB

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	2.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Force II	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless steel	Super 50 Series	3.00	Dual Rear / Side Exit

DESCRIPTION

07-13 Chevy Silverado / GMC Sierra, 1/2 Ton, 5.3L with Flex Fuel, All WB Except Ext. Cab/Long Bed, 09'-13' GM Silverado/Sierra, 1/2 Ton, 5.3L With Flex Fuel, Extra Cab W/6.5' Bed And Crew Cab W/5.5' Bed Only 2/4 Wheel Drive, 2.50" Outlets, Super 50 Series Muffler, 3.00" Logo Embossed Stainless Tips, Force II, Incl. Tube Extensions for DOR and DOS in Kit, Mandrel Bent Tubing, 409S Stainless Steel.



SYSTEM DESCRIPTIONS

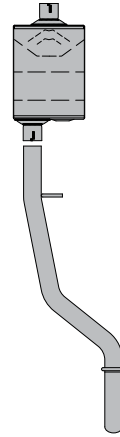
PART# 817493

FORCE II SYSTEM 97-99 JEEP WRANGLER TJ, 2.5L & 4.0L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Mild
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	N/A	None	RWD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless steel	60 Series	2.50	Single out rear

DESCRIPTION

97-99 Jeep Wrangler TJ, 2.5L & 4.0L, Cat-Back System, 2.50" Diameter Tubing, 60 Series Delta Flow Muffler, 2.50" Polished Stainless Tip, Single out rear, Force II, 409S Stainless Steel.



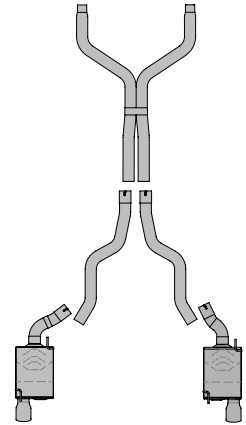
PART# 817494

AMERICAN THUNDER SYSTEM 05-10 FORD MUSTANG GT/GT500

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	3.00	Cat-back System	Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless steel	60 Series Delta Flow	4.00	Dual Rear Exit

DESCRIPTION

05-10 Ford Mustang GT/GT500/California Special/Cnvtbl. 4.6L, 5.4L, 3.00" Mandrel Bent Tubing, Scavenger X-Pipe, Special Build 60 Series Mufflers, 4.00" Polished Tips, American Thunder, Dual out rear, 409S Stainless Steel



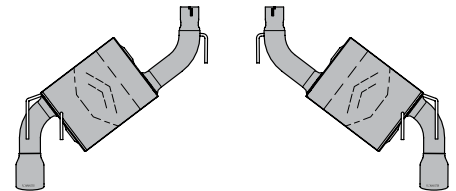
PART# 817495

AMERICAN THUNDER SYSTEM 10-13 CHEVROLET CAMARO SS

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	3.00	Axle-back System	Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless steel	40 Series Classic	4.00	Dual Rear Exit

DESCRIPTION

10-13 Chevy Camaro SS 6.2L, 3.00" Mandrel Bent Tubing, 40 Series Mufflers, 4.00" Logo Embossed Tips, American Thunder, DOR, 409S Stainless Steel (Will Not Fit Ground Effects Package).



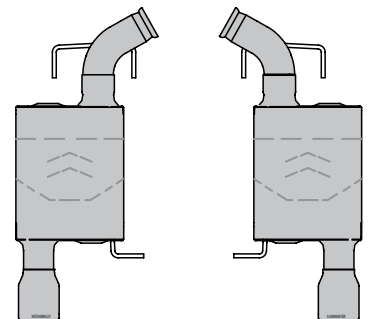
PART# 817496

AMERICAN THUNDER SYSTEM 11-12 FORD MUSTANG GT 5.0/5.4L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.75	3.00	Axle-back System	Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless steel	40 Series Classic	4.00	Dual Rear Exit

DESCRIPTION

11-12 Ford Mustang GT, 5.0L/5.4L V8, 3.00" Mandrel Bent Tubing, Dual System, 40 Series Mufflers, 4.00" Polished Tips, American Thunder, DOR, 409S Stainless Steel.



SYSTEM DESCRIPTIONS

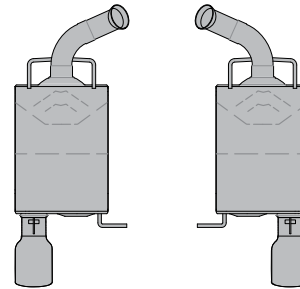
PART # 817497

FORCE II SYSTEM 11-14 FORD MUSTANG V6

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.25	2.50	Axle-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.25	Force II	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless steel	60 Series Delta Flow	4.00	Dual Rear Exit

DESCRIPTION

11-14 Ford Mustang V6, 2.25" Mandrel Bent Tubing, Dual System, 60 Series Mufflers, 4.00" Polished Tips, Force II, DOR, 409S Stainless Steel.



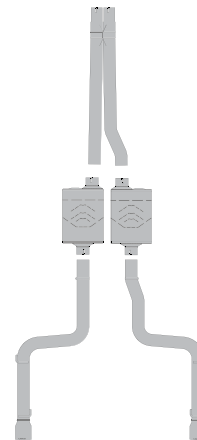
PART # 817498

AMERICAN THUNDER SYSTEM 05-10 DODGE CHARGER/MAGNUM SRT8/CHRYSLER 300

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back System	Moderate/Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless steel	Super 40 Series	4.00	Dual Rear Exit

DESCRIPTION

05-10 Dodge Magnum SRT8, Charger SRT8, Chrysler 300 SRT8, 6.1L, 3.00" Mandrel Bent Tubing, Super 40 Series Mufflers, Scavenger X-Pipe, 4.00" Logo Embossed Tips, American Thunder, DOR, 409S Stainless Steel.



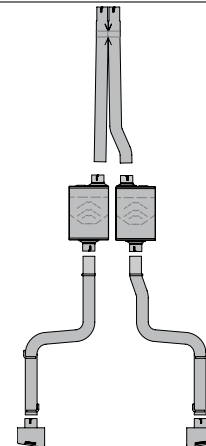
PART # 817499

AMERICAN THUNDER SYSTEM 08-14 DODGE CHALLENGER SRT8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back System	Moderate/Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless steel	Super 40 Series	N/A	Dual Rear Exit

DESCRIPTION

08-14 Dodge Challenger SRT8, 3.00" Mandrel Bent Tubing, Super 40 Series Mufflers, Scavenger X-Pipe, 4.00" Rectangular Embossed Stainless Steel Tips, American Thunder, DOR, 409S Stainless Steel.



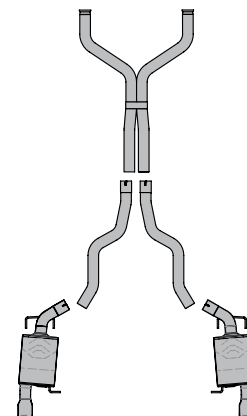
PART # 817500

AMERICAN THUNDER SYSTEM 11-12 FORD MUSTANG GT

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back System	Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless steel	60 Series Delta Flow	4.00	Dual Rear Exit

DESCRIPTION

11-12 Ford Mustang GT/Cnvtbl. 5.0L, 3.00" Mandrel Bent Tubing, Scavenger X-Pipe, 60 Series Mufflers, 4.00" Polished Tips, American Thunder, DOR, 409S Stainless Steel.



SYSTEM DESCRIPTIONS

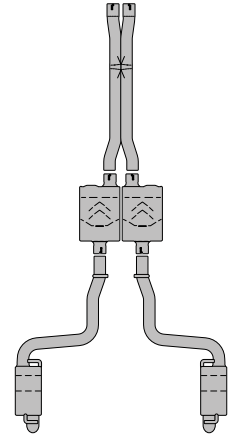
PART# 817502

FORCE II SYSTEM 11-14 DODGE CHARGER R/T/CHRYSLER 300C, 5.7L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Mild/Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Force II	None	2WD/AWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless steel	Super 44 Series	2.50	Dual Rear Exit

DESCRIPTION

11-14 Charger R/T, Chrysler 300C, 5.7L, Incl.AWD, 2.50" Cat Back, Super 44 Series Mufflers, Scavenger X-Pipe, 16 gauge 2.50" Mandrel Bent Tailpipes w / Resonators, 304 Brushed Stainless Tips, DOR, Force II, 409S Stainless Steel.



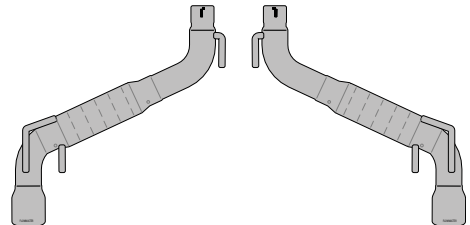
PART# 817504

OUTLAW SYSTEM 10-13 CHEVROLET CAMARO SS, 6.2L, V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	3.00	Axle-back System	Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Outlaw	N/A	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Outlaw Delta Force	4.00	Dual Rear Exit

DESCRIPTION

10-13 Chevy Camaro SS, 6.2L, V8, Axle-Back, Outlaw Mufflers, Mandrel Bent 3in. 16 gauge Tubing, 4in. Polished T304 Stainless Steel Tips, DOR, Outlaw, 409S Stainless Steel (Fits Hard Top and Convertible models, does not fit vehicles equipped with factory Ground Effects Package).



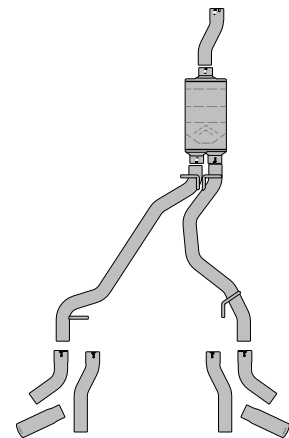
PART# 817505

FORCE II SYSTEM 08-13 FORD F-250 SUPER DUTY, V8/V10

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Force II	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	50 HD Series	3.50	Dual Rear/Side Exit

DESCRIPTION

08-13 Ford F-250 Super Duty, V8/V10, Cat-Back, 50 HD Series Muffler, Mandrel Bent 3in. 16 Gauge Tubing, 3.5in. Polished T304 Stainless Steel Tips, DOR/S, Force II, 409S Stainless Steel.



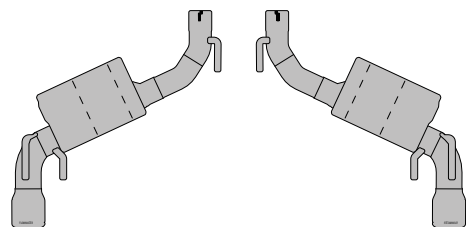
PART# 817506

FORCE II SYSTEM 10-13 CHEVROLET CAMARO SS, 6.2L, V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	3.00	Axle-back System	Mild
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Force II	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Special Built	4.00	Dual Rear Exit

DESCRIPTION

10-13 Chevy Camaro SS, 6.2L, V8, Axle-Back, Tuned Resonator Mufflers, Mandrel Bent 3in. 16 Gauge Tubing, 4in. Polished T304 Stainless Steel Tips, DOR, Force II, 409S Stainless Steel (Fits both Hard Top and Convertible models. Does not fit vehicles equipped with the factory Ground Effects package)



SYSTEM DESCRIPTIONS

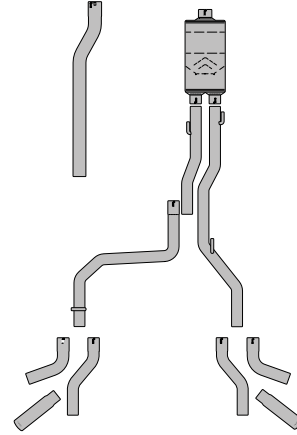
PART # 817507

AMERICAN THUNDER SYSTEM 03-12 DODGE RAM 2500/3500, 5.7L HEMI, V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	2.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	50 Series HD	3.00	Dual Rear/Side Exit

DESCRIPTION

03-12 Dodge Ram 2500/3500, 5.7L Hemi, V8, Fits All WB, Cat-back, 50 Series HD Muffler, Mandrel Bent 2.5in. 16 Gauge Tubing, 3in. Polished T304 Stainless Steel Tips, DOR/S, American Thunder, 409S Stainless Steel.



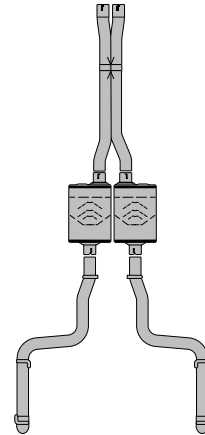
PART # 817508

AMERICAN THUNDER SYSTEM 11-14 DODGE CHARGER R/T, CHRYSLER 300C 5.7L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 40 Series	2.50	Dual Rear Exit

DESCRIPTION

11-14 Dodge Charger R/T, Chrysler 300C, 5.7L, Incl. AWD, 2.50" Mandrel Bent Tubing, Super 40 Series Mufflers, Scavenger X-Pipe, Brushed Stainless Tips, American Thunder, DOR, 409S Stainless Steel.



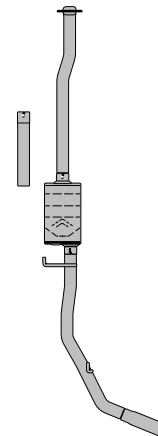
PART # 817509

FORCE II SYSTEM 09-14 FORD F-150 4.6L / 5.4L, V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back System	Mild/Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Force II	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 50 Series	3.50	Single Side Exit

DESCRIPTION

09-14 Ford F-150 4.6L / 5.4L, V8, Cat-Back, Super 50 Series Muffler, Mandrel Bent 3in. 16 gauge Tubing, 3.5in. Polished T304 Stainless Steel Tip, SOS, Force II, 409S Stainless Steel.



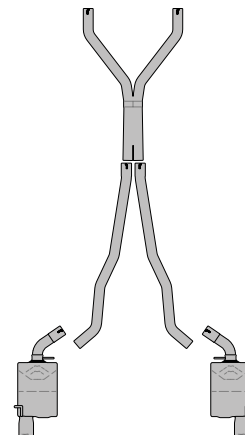
PART # 817510

FORCE II SYSTEM 05-09 FORD MUSTANG, V6

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.25	2.25	Cat-back System	Mild
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.25	Force II	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	60 Series Delta Flow	3.50	Dual Rear Exit

DESCRIPTION

05-09 Ford Mustang, V6, Cat-Back, 60 Series Mufflers, Mandrel Bent 2.25in. 16 Gauge Tubing, 3.5in. Polished T304 Stainless Steel Tips, DOR, Force II, 409S Stainless Steel.



SYSTEM DESCRIPTIONS

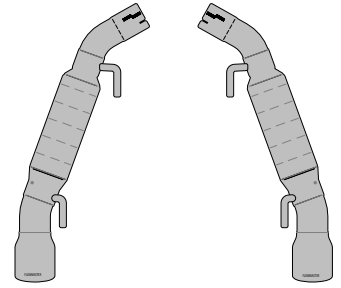
PART# 817511

OUTLAW SYSTEM 05-10 FORD MUSTANG GT/GT500, 4.6L/5.4L, V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	3.00	Axle-back System	Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Outlaw	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Outlaw Delta Force	4.00	Dual Rear Exit

DESCRIPTION

05-10 Mustang GT/GT500, 4.6L/5.4L, V8, Axle-back, Outlaw Mufflers, Mandrel Bent 3in. 16 Gauge Tubing, 4in. Polished T304 Stainless Steel Tips, DOR, Outlaw , 409S Stainless Steel.



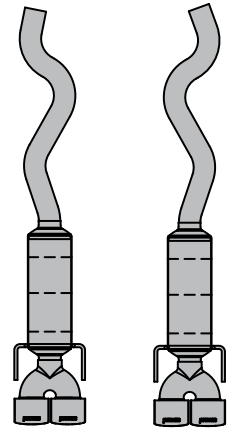
PART# 817512

FORCE II SYSTEM 05-08 CHEVROLET CORVETTE 6.0L, V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Axle-back System	Mild/Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Force II	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	60 Series Delta Flow	3.50	Dual out rear

DESCRIPTION

05-08 Chevy Corvette 6.0L, V8, Axle-back, 60 Series Muffler, Mandrel Bent 2.5in. 16 Gauge Tubing, 3in. Polished 304S W/Embossed Logo Tips, DOR, Force II, 409S Stainless Steel(will not fit Z06).



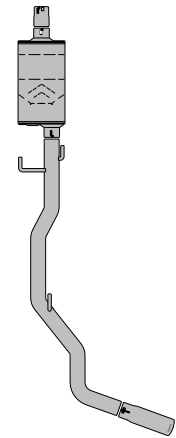
PART# 817513

AMERICAN THUNDER SYSTEM 04-05 DODGE RAM 1500, 5.7L HEMI, V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.75	3.00	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	American Thunder	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	50 Series HD	3.00	Single Side Exit

DESCRIPTION

04-05 Dodge Ram 1500, 5.7L Hemi, V8, All WB, Cat-back, 50 Series HD Muffler, Mandrel Bent 3in. 16 gauge Tubing, 3.5in. Polished T304 Stainless Steel Tip, SOS, American Thunder, 409S Stainless Steel.



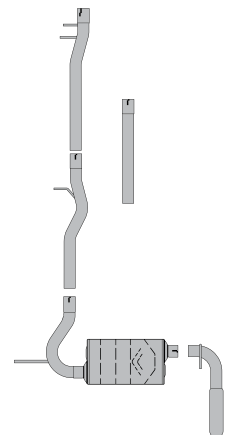
PART# 817514

FORCE II SYSTEM 07-15 JEEP WRANGLER 3.8L V6

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Mild
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Force II	None	4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 50 Series	3.00	Single Rear Exit

DESCRIPTION

07-15 Jeep Wrangler JK, 3.8L/3.6L, V6, Fits Both 2Dr. And 4Dr. Models, Cat-back, Super 50 Series Muffler, Mandrel Bent 2.5in. 16 Gauge Tubing, 3in. Brushed 304S tip, SOR, Force II, 409S Stainless Steel.



SYSTEM DESCRIPTIONS

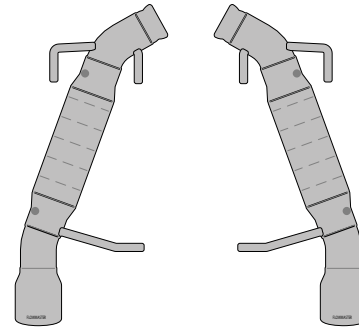
PART # 817516

OUTLAW SYSTEM 11-12 FORD MUSTANG GT, 5.0L, V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.75	3.00	Axle-back System	Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Outlaw	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Outlaw Delta Force	4.00	Dual Rear Exit

DESCRIPTION

11-12 Ford Mustang GT, 5.0L, V8, Axle-Back, Outlaw Mufflers, Mandrel Bent 3in. 16 Gauge Tubing, 4in. Polished T304 Stainless Steel Tips, DOR, Outlaw, 409S Stainless Steel.



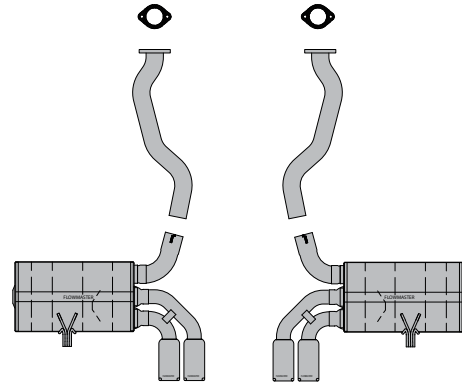
PART # 817517

FORCE II SYSTEM 97-04 CHEVROLET CORVETTE. 5.7L, V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.00	Axle-back System	Mild/Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
N/A	Force II	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	80 Series Crossflow	3.00	Dual Rear Exit

DESCRIPTION

97-04 Chevy Corvette. 5.7L, V8, Axle-back, 80 Series Muffler, Mandrel Bent 16 Gauge Tubing, 3in. Polished 304S W/Embossed Logo tip, DOR, Force II, 409S Stainless Steel.



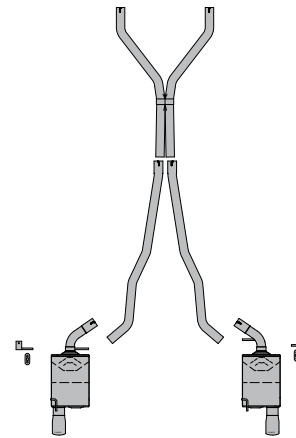
PART # 817518

FORCE II SYSTEM 2010 FORD MUSTANG, 4.0L, V6

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.25	2.25	Cat-back System	Mild
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.25	Force II	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	60 Series Delta Flow	3.50	Dual Rear Exit

DESCRIPTION

2010 Ford Mustang, 4.0L, V6, Cat-Back, 60 Series Muffler, Mandrel Bent 2.25in. 16 Gauge Tubing, 3.5in. Polished 304S W/Embossed Logo Tips, DOR, Force II, 409S Stainless Steel.



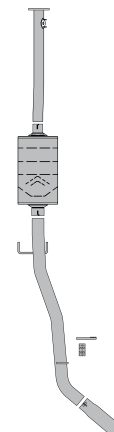
PART # 817519

AMERICAN THUNDER SYSTEM 00-04 TOYOTA TACOMA 3.4L V6

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	3.00	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
N/A	American Thunder	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 50 Series	3.50	Single Side Exit

DESCRIPTION

00-04 Toyota Tacoma, 3.4L V6, Xtra Cab and Double Cab Only, Cat-back, Super 50 Series Muffler, Mandrel Bent 2.50/3.00in. 16 Gauge Tubing, 3.50in. Polished 304S W/Embossed Logo Tip, SOS, American Thunder, 409S Stainless Steel. (Does not fit S-Runner and Standard Cab).



SYSTEM DESCRIPTIONS

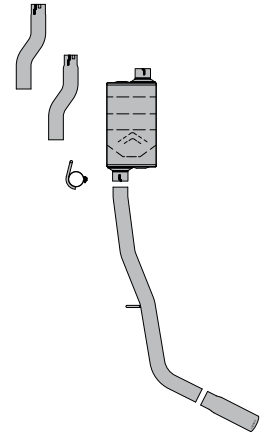
PART# 817520

FORCE II SYSTEM 2011 RAM DAKOTA, 3.7L V6, 4.7L V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	3.00	Cat-back System	Mild/Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Force II	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 50 Series	3.50	Single Side Exit

DESCRIPTION

2011 Ram Dakota, 3.7L V6, 4.7L V8, Fits All Wheel Bases, Cat-back, Super 50 Series Muffler, Mandrel Bent 3in. 16 Gauge Tubing, 3.5in. Polished 304S W/Embossed Logo Tip, SOS, Force II, 409S Stainless Steel.



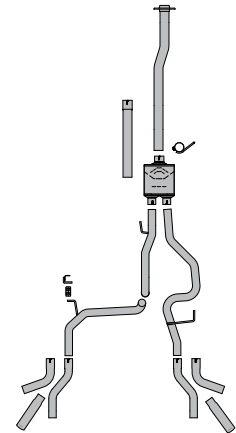
PART# 817522

AMERICAN THUNDER SYSTEM 09-14 FORD F-150, 4.6L, 5.0L, 5.4L, V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	2.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 40 Series	3.00	Dual Rear/Side Exit

DESCRIPTION

09-14 Ford F-150, 4.6L, 5.0L, 5.4L, V8, Cat-back, All Wheel Bases, Super 40 Series Muffler, Mandrel Bent 2.50" 16 Gauge Tubing, 3in. Polished 304S W/Embossed Logo Tips, DOR/S, American Thunder, 409S Stainless Steel.



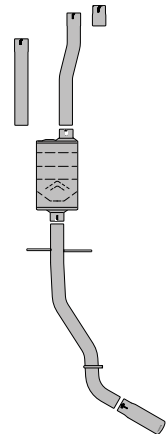
PART# 817523

FORCE II SYSTEM 07-08 CHEVROLET SILVERADO/GMC SIERRA, 1/2 TON, 4.8L AND 5.3L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back System	Mild
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Force II	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 50 Series	3.50	Single Side Exit

DESCRIPTION

07-08 Chevy Silverado / GMC Sierra, 1/2 Ton, 4.8L and 5.3L with Flex Fuel, All WB Except Ext. Cab/Long Bed, 09'-13' GM Silverado/Sierra, 1/2 Ton, 5.3L With Flex Fuel, Extra Cab W/6.5' Bed And Crew Cab W/5.5' Bed Only 2/4 Wheel Drive, 3.00" Outlet, Super 50 Series Muffler, 3.50" Logo Embossed Stainless Tips, Force II, Single Side Exit, SOS, Mandrel Bent Tubing, 409S Stainless Steel.



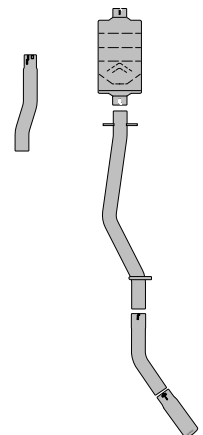
PART# 817525

FORCE II SYSTEM 98-03 FORD F-150, 4.6L/5.4L, V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Mild
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Force II	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 50 Series	3.50	Single Side Exit

DESCRIPTION

98-03 Ford F-150, 4.6L/5.4L, V8, Cat-Back, Super 50 Series Muffler, Mandrel Bent 3.0in. 16 Gauge Tubing, 3.5in. Polished T304 Stainless Steel Tips, SOS, Force II, 409S Stainless Steel.



DISCONTINUED

SYSTEM DESCRIPTIONS

PART # 817526

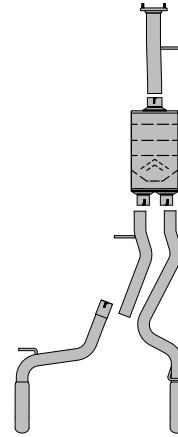
FORCE II SYSTEM 06-10 HUMMER H3 3.5L/3.7L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	2.50	Cat-back System	Mild
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Force II	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 50 Series	3.00	Dual Rear Exit

DESCRIPTION

06-10 Hummer H3, 3.5L / 3.7L, Cat-back, Super 50 Series Muffler, Mandrel Bent 2.50in. 16 Gauge Tubing, 3.00in. Brushed 304S Tips, DOR, Force II, 409S Stainless Steel.

DISCONTINUED



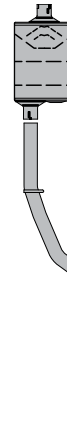
PART # 817527

FORCE II SYSTEM 96-00 JEEP CHEROKEE 2.5L, 4.0L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.25	2.25	Cat-back System	Mild
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.25	Force II	None	RWD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	60 Series Delta Flow	2.50	Single Rear Exit

DESCRIPTION

96-00 Jeep Cherokee, 2.5L L4, 4.0L L6, 4WD, RWD, Cat-back, 60 Series Muffler, Mandrel Bent 2.25" 16 Gauge Tubing, 2.50" Brushed 304S Stainless Tip, SOR, Force II, 409S Stainless Steel.



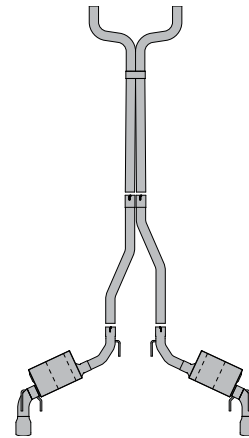
PART # 817528

FORCE II SYSTEM 10-13 CHEVROLET CAMARO 6.2L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	3.00	Cat-back System	Mild/Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Force II	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Specially Built	4.00	Dual Rear Exit

DESCRIPTION

10-13 Chevy Camaro SS, Hardtop and Convertible, 6.2L, V8, Cat-back, Special Build Mufflers, Mandrel Bent 2.50" 16 Gauge Tubing, 4.00". Polished 304S W/Embossed Logo Tips, DOR, Force II, 409S Stainless Steel (Without Ground Effects Only).



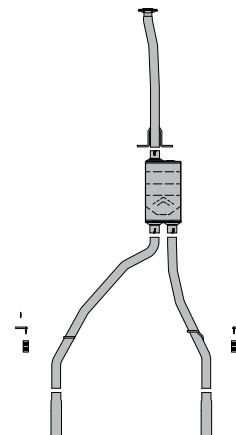
PART # 817529

AMERICAN THUNDER SYSTEM 98-09 FORD RANGER, 3.0L, 4.0L V6

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 50 Series	3.00	Dual Rear Exit

DESCRIPTION

98-09 Ford Ranger, 3.0L, 4.0L, V6, Extra Cab, Cat-back, Super 50 Series Muffler, Mandrel Bent 2.50in. 16 Gauge Tubing, 3.00in. Polished 304S W/Embossed Logo Tip, DOR, American Thunder, 409S Stainless Steel.



SYSTEM DESCRIPTIONS

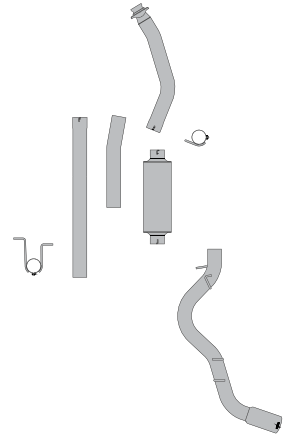
PART# 817532

FORCE II SYSTEM 98-02 DODGE RAM 2500/3500 5.9L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
4.00	4.00	Turbo-back System	Mild/Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
4.00	Force II	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Pro Series	5.00	Single Side Exit

DESCRIPTION

98-02 Dodge Ram 2500/3500, 5.9L Diesel, All Wheel Bases, Turbo-back, Pro Muffler, Mandrel Bent 4.00in. 16 Gauge Tubing, 5.00in. Polished 304S W/Embossed Logo Tip, SOS, Force II, 409S Stainless Steel.



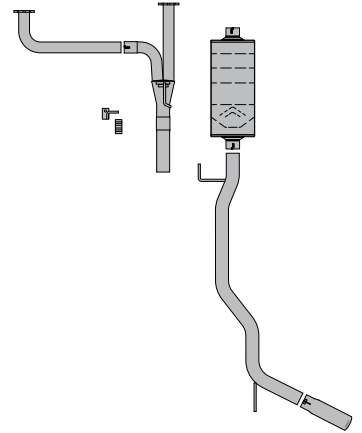
PART# 817533

AMERICAN THUNDER SYSTEM 04-14 NISSAN TITAN, 5.6L, V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	American Thunder	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	70 Series Big Block	3.50	Single Side Exit

DESCRIPTION

04-14 Nissan Titan, 5.6L, V8, Fits All Wheel Bases, Cat-back, 70 Series Muffler, Mandrel Bent 3in. 16 Gauge Tubing, 3.5in. Polished 304S W/Embossed Logo Tip, SOS, American Thunder, 409S Stainless Steel.



PART# 817534

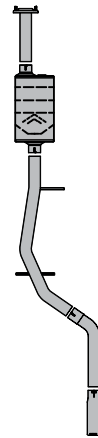
AMERICAN THUNDER SYSTEM 05-10 JEEP GRAND CHEROKEE 5.7L ONLY

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	American Thunder	None	4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 50 Series	3.50	Single Rear Exit

DESCRIPTION

05-10 Jeep Grand Cherokee, 5.7L Hemi, Cat-back, Super 50 Series Muffler, Mandrel Bent 3.00" 16 Gauge Tubing, 3.50" Polished 304S W/Embossed Logo Tip, SOR, American Thunder, 409S Stainless Steel.

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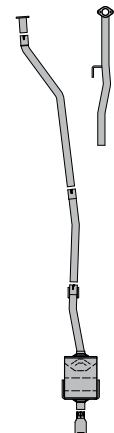
PART# 817536

AMERICAN THUNDER SYSTEM 01-05 HONDA CIVIC, 1.7L L4, 2.0L L4

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.25	2.25	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.25	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	60 Series	3.50	Single Rear Exit

DESCRIPTION

01-05 Honda Civic, 1.7L L4, 2.0L L4, 2 Dr. Coupe, 4 Dr. Sedan, Cat-back, 60 Series Muffler, Mandrel Bent 2.25in. 16 Gauge Tubing, 3.5in. Polished 304 Stainless Steel Tip, SOR, American Thunder, 409S Stainless Steel.



SYSTEM DESCRIPTIONS

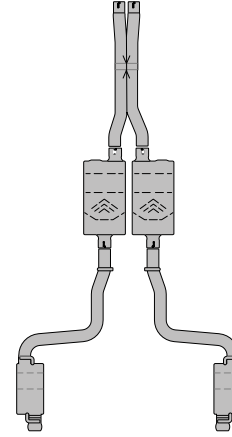
PART # 817538

FORCE II SYSTEM 11-14 DODGE CHALLENGER SE, 3.6L, V6

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.25	2.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Force II	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	50 Series Delta Flow	2.5	Dual Rear Exit

DESCRIPTION

11-14 Dodge Challenger SE, 3.6L, V6, Cat-Back, Delta Flow 50 Series Mufflers, Mandrel Bent 2.5in. 16 gauge Tubing, DOR, Force II, 409S Stainless Steel.



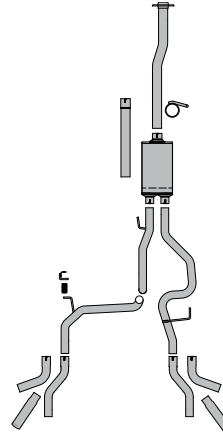
PART # 817539

FORCE II SYSTEM 11-14 FORD F-150 3.5L ECO BOOST TURBO V6

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	2.50	Cat-back System	Mild/Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Force II	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Pro-Series	3.00	Dual Rear/Side Exit

DESCRIPTION

11-14 Ford F-150. 3.5L Eco Boost Turbo, V6, All Wheel Bases, Cat-back, Pro-Series Muffler, Mandrel Bent 2.5in. 16 Gauge Tubing, 3in. Polished 304S W/Embossed Logo Tips, DOR/S, Force II, 409S Stainless Steel.



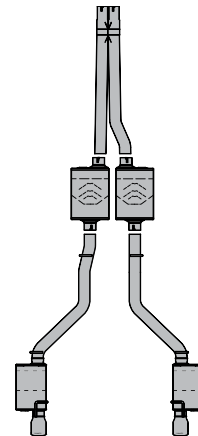
PART # 817540

FORCE II SYSTEM 12-14 DODGE CHARGER SRT8/CHRYSLER 300C 6.4L V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back System	Mild/Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Force II	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 40 Series	4.00	Dual Rear Exit

DESCRIPTION

12-14 Dodge Charger SRT8 / Chrysler 300C SRT8, 6.4L, V8, Cat-back, Super 40 Series Mufflers, Mandrel Bent 3.00" 16 Gauge Tubing, 4.00" Polished 304S W/Embossed Logo Tips, DOR, Force II, 409S Stainless Steel.



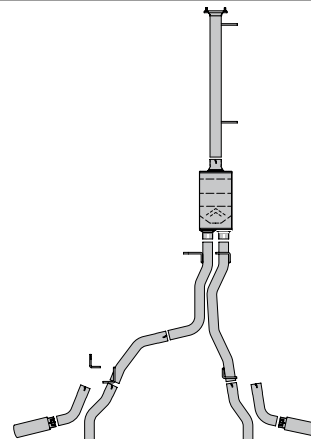
PART # 817541

AMERICAN THUNDER SYSTEM 11-15 CHEVROLET SILVERADO/GMC SIERRA 2500HD

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.50	3.00	Cat-back System	Moderate/Aggressive
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
4.00	American Thunder	None	RWD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
409S Stainless Steel	50 Series Heavy Duty	4.00	Dual Rear/Side Exit

DESCRIPTION

11-15 GM Silverado / Sierra, 2500HD, 6.0L (Gas), V8, Crew Cab W/6.5ft Bed Only, 153.7in WB, Cat-back, 50 Series HD Muffler, Mandrel Bent 16G. Tubing, Dual 3in Tailpipes, 4in Stainless Tips, DOR/S, American Thunder, 409S Stainless Steel



SYSTEM DESCRIPTIONS

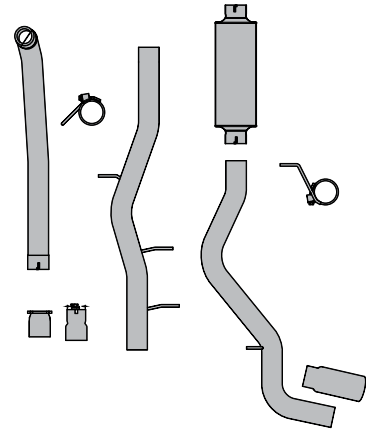
PART# 817542

FORCE II SYSTEM 01-07 CHEVROLET SILVERADO/GMC SIERRA 2500/3500HD 6.6L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
4.00	4.00	Downpipe Back System	Mild/Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
4.00	Force II	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Pro Series	5.00	Single Side Exit

DESCRIPTION

01-07 Chevy Silverado / GMC Sierra, 2500HD/3500HD, Duramax Diesel, 6.6L, All Wheel Bases(Except Standard Cab Long Bed), Downpipe Back, Pro Series Muffler, Mandrel Bent 4in. 16 Gauge Tubing, 5in. Polished 304S W/ Embossed Logo Tip, SOS, Force II, 409S Stainless Steel.



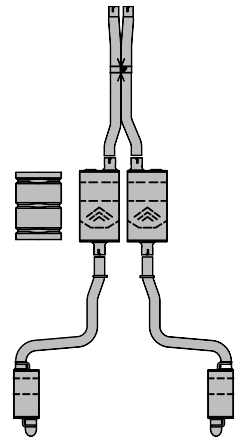
PART# 817543

FORCE II SYSTEM 11-14 DODGE CHARGER SE 3.6L V6

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.25	2.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Force II	51017	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	50 Series Delta Flow	2.50	Dual Rear Exit

DESCRIPTION

11-14 Dodge Charger SE, 3.6L, V6, Cat-back, Delta 50 Series Mufflers, Mandrel Bent 2.5in. 16 Gauge Tubing, 2.5in. Brushed 304S Tips, DOR, Force II, 409S Stainless Steel.



PART# 817544

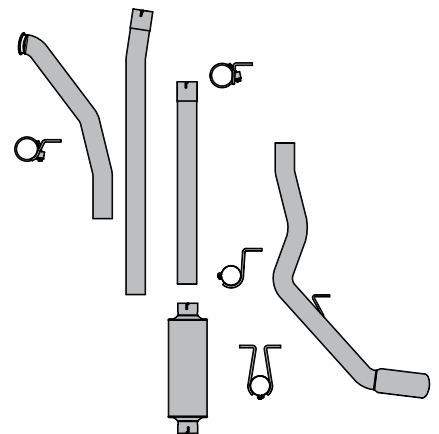
FORCE II SYSTEM 99-03 FORD F-250/F-350 SUPER DUTY 7.3L DIESEL

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
4.00	4.00	Turbo-back System	Mild/Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
4.00	Force II	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Pro Series	5.00	Single Side Exit

DESCRIPTION

99-03 Ford F-250 / F-350, 7.3L Diesel, All Wheel Bases, Turbo-back, Pro Series Muffler, Mandrel Bent 4.00" 16 Gauge Tubing, 5.00" Polished 304S W/Embossed Logo Tip, Single out side, Force II, 409S Stainless Steel

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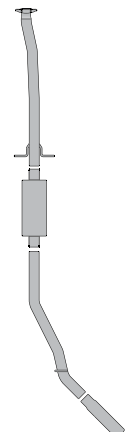
PART# 817545

DBX SYSTEM 98-11 FORD RANGER 4.0L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Mild/Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	dBX	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	dBX Series	3.00	Single Side Exit

DESCRIPTION

98-11 Ford Ranger, 4.0L, V6, Cat-back, DBX Muffler, Mandrel Bent 2.5in. 16 Gauge Tubing, 3in. Polished 304S W/Embossed Logo Tip, SOS, DBX, 409S Stainless Steel (Extended Cab Short Bed Only).



SYSTEM DESCRIPTIONS

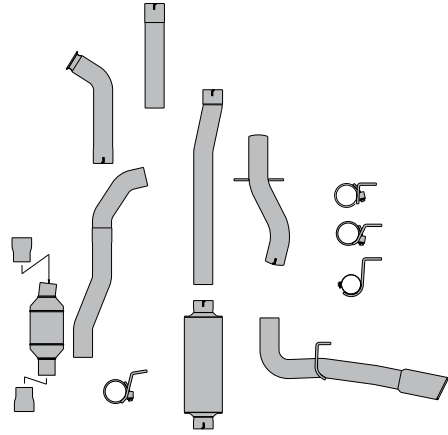
PART # 817546

FORCE II SYSTEM 03-07 FORD F-250/F-350 SUPER DUTY 6.0L DIESEL

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
4.00	4.00	Turbo-back System	Mild/Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
4.00	Force II	Special	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Pro Series	5.00	Single Side Exit

DESCRIPTION

03-07 Ford F-250/F-350 6.0L Power Stroke Diesel, All Wheel Bases, Turbo-back, Pro Series Muffler, Mandrel Bent 4.00" 16 Gauge Tubing, 5.00" Polished 304S W/Embossed Logo Tip, SOS, Force II, 409S Stainless Steel (Does Not Fit Manual Transmission).



PART # 817547

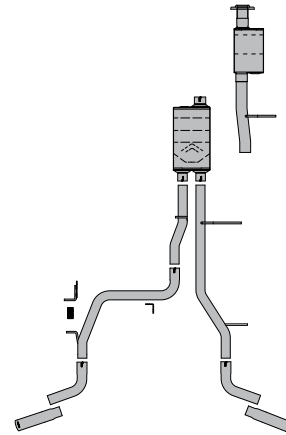
FORCE II SYSTEM 07-08 CHEVROLET SUBURBAN/AVALANCHE/ GMC YUKON XL 5.3L V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	2.50	Cat-back System	Mild/Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Force II	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 50 Series	3.00	Dual Side Exit

DESCRIPTION

07-08 Chevy Suburban/Avalanche / GMC Yukon XL, 1/2 Ton, 5.3L, V8, Cat-back, Super 50 Series Muffler, Mandrel Bent 3.00/2.50" 16 Gauge Tubing, 3.00" Polished 304S W/Embossed Logo Tip, DOS, Force II, 409S Stainless Steel.

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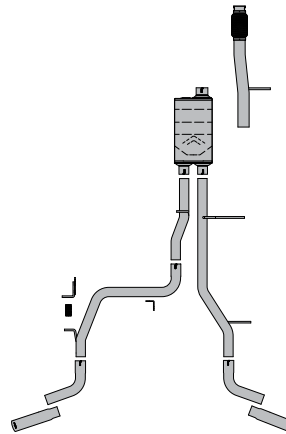
PART # 817548

FORCE II SYSTEM 09-14 CHEVROLET SUBURBAN/ AVALANCHE/GMC YUKON XL, 5.3L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	2.50	Cat-back System	Mild/Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Force II	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 50 Series	3.00	Dual Side Exit

DESCRIPTION

09-14 Chevy / GMC, Suburban / Avalanche / Yukon XL, 1/2 Ton, 5.3L, Cat-back, Super 50 Series Muffler, Mandrel Bent 2.50" 16 Gauge Tubing, 3.00" Polished 304S W/Embossed Logo Tips, DOS, Force II, 409S Stainless Steel



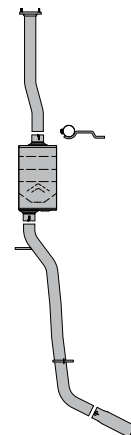
PART # 817549

FORCE II SYSTEM 04-12 CHEVROLET COLORADO/GMC CANYON 2.8L, 2.9L, 3.5L, 3.7L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back System	Mild/Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Force II	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 50 Series	3.50	Single Side Exit

DESCRIPTION

04-12 Chevy Colorado / GMC Canyon, 2.8L/ 2.9L L4, 3.5L/3.7L L5, Extended Cab/Crew Cab, Cat-back, Super 50 Series Muffler, Mandrel Bent 3.00in. 16 Gauge Tubing, 3.50in. Polished 304S W/Embossed Logo Tip, SOS, Force II, 409S Stainless Steel.



SYSTEM DESCRIPTIONS

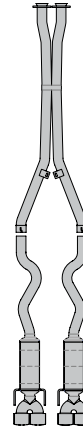
PART # 817550

FORCE II SYSTEM 05-13 CHEVROLET CORVETTE 6.0L OR 6.2L V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Moderate
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Force II	None	RWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
409S Stainless Steel	60 Series	4.00	Dual Rear Exit

DESCRIPTION

05-13 Chevy Corvette 6.0L, 6.2L, V8, Cat-back, 60 Series Muffler, Mandrel Bent 2.5in. 16 Gauge Tubing, "Quad" 4.00 in. Polished 304S W/Embossed Logo Tips, DOR, Force II, 409S Stainless Steel.



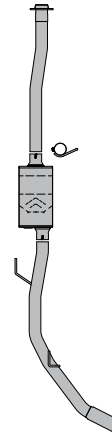
PART# 817551

AMERICAN THUNDER SYSTEM 10-14 FORD F-150, 6.2L, V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.50	3.50	Cat-back System	Moderate/Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.50	American Thunder	None	4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	50 Series HD	4.00	Single Side Exit

DESCRIPTION

10-14 Ford F-150, SVT Raptor, 6.2L, V8, Extra/Crew Cab, 5.5 Bed, Cat-back, 50 Series HD Muffler, Mandrel Bent 3.50" 16 Gauge Tubing, 4.00" Polished 304S W/Embossed Logo Tip, SOS, American Thunder, 409S Stainless Steel.



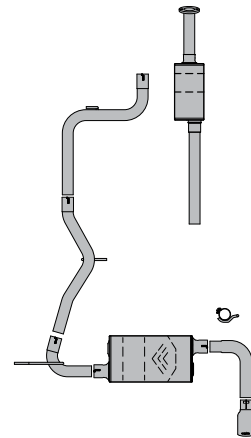
PART# 817552

FORCE II SYSTEM 12-15 FORD FOCUS 2.0L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.25	2.25	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.25	Force II	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	50 Series Delta Flow	4.00	Single Rear Exit

DESCRIPTION

12-15 Ford Focus Hatchback, 2.0L, L4, Cat-back, Delta 50 Series Muffler, Mandrel Bent 2.25" 16 Gauge Tubing, 4.00" Polished 304S Tip W/Embossed Logo, SOR, Force II, 409S Stainless Steel.



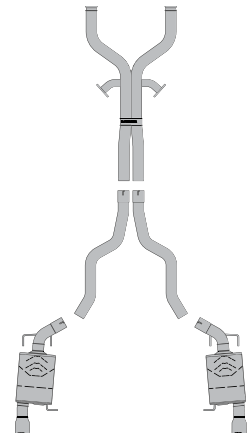
PART# 817553

AMERICAN THUNDER SYSTEM 2012 FORD MUSTANG BOSS 302 5.0L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back System	Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	60 Series Delta Force	4.00	Dual Rear Exit

DESCRIPTION

2012 Ford Mustang Boss 302, V8, 5.0L, Cat-back, 60 Series Mufflers, Mandrel Bent 3.00in. 16 Gauge Tubing, 4.00in. Polished 304S W/Embossed Logo Tips, DOR, American Thunder, 409S Stainless Steel.



SYSTEM DESCRIPTIONS

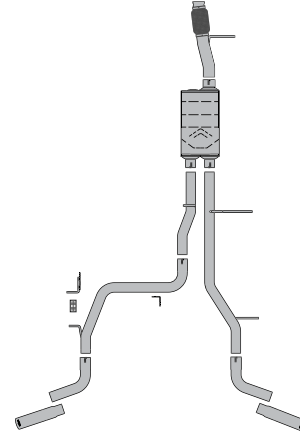
PART # 817554

FORCE II SYSTEM 09-14 CHEVROLET TAHOE/GMC YUKON 5.3L ONLY

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	2.50	Cat-back System	Mild/Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Force II	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 50 Series	3.00	Dual Side Exit

DESCRIPTION

09-14 Chevy Tahoe / GMC Yukon, 5.3L only, 2/4 Wheel Drive, Cat-back, Super 50 Series Muffler, Mandrel Bent 2.50" 16 Gauge Tubing, 3.00" Polished 304S W/Embossed Logo Tips, DOS, Force II, 409S Stainless Steel.



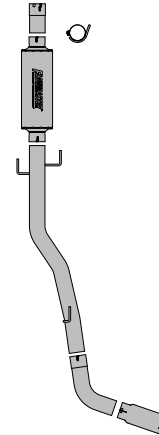
PART # 817555

FORCE II SYSTEM 03-07 DODGE RAM 2500/3500 5.9L DIESEL

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
4.00	4.00	Cat-back System	Mild/Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
4.00	Force II	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Pro Series	5.00	Single Side Exit

DESCRIPTION

03-07 Dodge Ram 2500/3500, 5.9L Cummins Diesel, 2/4 Wheel Drive, All Wheel Bases, Cat-back, Pro Series Muffler, Mandrel Bent 4.00in. 16 Gauge Tubing, 5.00in. Polished 304S W/Embossed Logo Tip, SOS, Force II, 409S Stainless Steel.



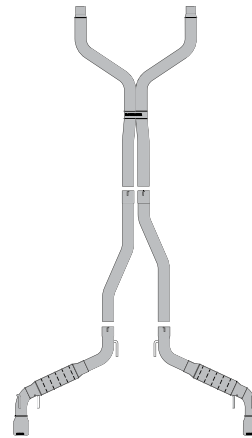
PART # 817556

OUTLAW SYSTEM 10-13 CHEVROLET CAMARO 6.2L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back System	Moderate/Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Outlaw	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Outlaw Delta Force	4.00	Dual Rear Exit

DESCRIPTION

10-13 Chevy Camaro SS Without ground Effects Package, 6.2L, V8, 3.00" Mandrel Bent Tubing, Outlaw Series Mufflers, Scavenger X-Pipe, 4.00" Logo Embossed Tips, Outlaw, DOR, 409S Stainless Steel. (Will Not Fit Convertibles).



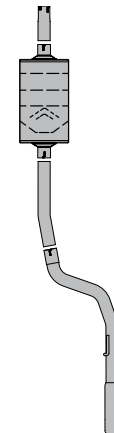
PART # 817557

AMERICAN THUNDER SYSTEM 93-97 JEEP GRAND CHEROKEE

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 50 Series	3.00	Single Rear Exit

DESCRIPTION

93-97 Jeep Grand Cherokee, 4.0L / 5.2L, I6 / V8, Cat-back, Super 50 Series Muffler, Mandrel Bent 2.50in. 16 Gauge Tubing, 3.00in. Brushed 304S Tip, SOR, American Thunder, 409S Stainless Steel.



SYSTEM DESCRIPTIONS

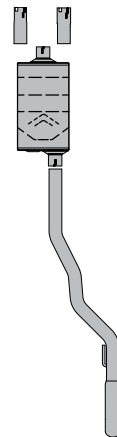
PART# 817558

AMERICAN THUNDER SYSTEM 99-04 JEEP GRAND CHEROKEE L6 4.0L, 4.7L V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	4WD/AWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 50 Series	3.00	Single Rear Exit

DESCRIPTION

99-04 Jeep Grand Cherokee, 4.0L / 4.7L, L6 / V8, Cat-back, Super 50 Series Muffler, Mandrel Bent 2.50" 16 Gauge Tubing, 3.00" Brushed 304S Tip, SOR, American Thunder, 409S Stainless Steel.



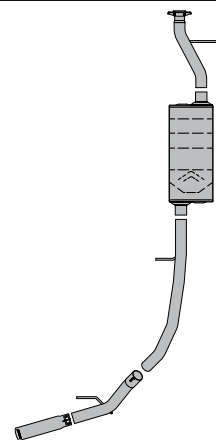
PART# 817559

FORCE II SYSTEM 06-10 FORD EXPLORER 4.0L V6

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Mild
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Force II	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	70 Series Big Block	3.00	Single Side Exit

DESCRIPTION

06-10 Ford Explorer, 4.0L, V6, Cat-back, 70 Series Muffler, Mandrel Bent 2.50" 16 Gauge Tubing, 3.00" Polished 304S W/Embossed Logo Tip, SOS, Force II, 409S Stainless Steel.



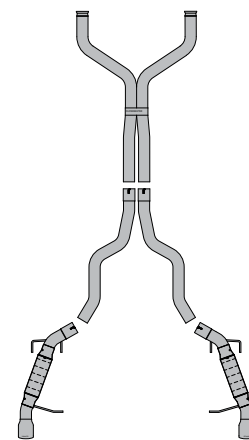
PART# 817560

OUTLAW SYSTEM 11-12 FORD MUSTANG, GT, GT500, COUPE, CONVERTIBLE, 5.0L, 5.4L, V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back System	Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Outlaw	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Outlaw Delta Force	4.00	Dual Rear Exit

DESCRIPTION

11-12 Ford Mustang, GT, GT500, 5.0L, 5.4L, V8, Cat-back, Outlaw Mufflers, Mandrel Bent 3.00" 16 Gauge Tubing, 4.00" Polished 304S W/Embossed Logo Tips, DOR, Outlaw, 409S Stainless Steel.



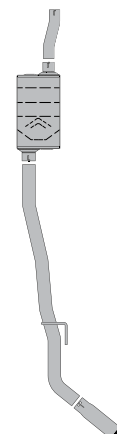
PART# 817561

FORCE II SYSTEM 05-12 NISSAN FRONTIER 4.0L ONLY

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	3.00	Cat-back System	Mild/Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Force II	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 50 Series	3.50	Single Side Exit

DESCRIPTION

05-12 Nissan Frontier, 4.0L, V6, Cat-back, Super 50 Series Muffler, Mandrel Bent 2.50/3.00in. 16 Gauge Tubing, 3.50in. Polished 304S Tip W/Embossed Logo, SOS, Force II, 409S Stainless Steel, Extra Cab Long Bed and Crew Cab Short Bed Only. Does NOT fit Pro-4X or XE Models.



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SYSTEM DESCRIPTIONS

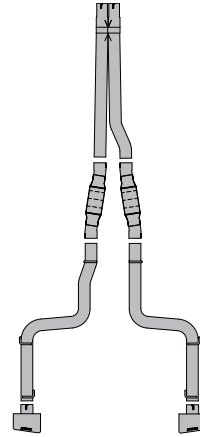
PART # 817563

OUTLAW SYSTEM 08-14 DODGE CHALLENGER SRT8 6.1L, 6.4L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back System	Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Outlaw	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Outlaw Delta Force	N/A	Dual Rear Exit

DESCRIPTION

08-14 Dodge Challenger SRT8, 3.00" Mandrel Bent Tubing, Outlaw Series Mufflers, Scavenger X-Pipe, Rectangular Polished 304S Tips W/Embossed Logo, Outlaw, DOR, 409S Stainless Steel.



PART # 817564

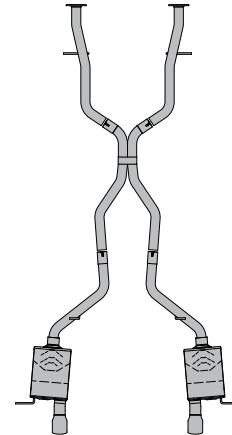
AMERICAN THUNDER SYSTEM 11-14 DODGE DURANGO R/T 5.7L ONLY, V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	3.00	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	RWD/AWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	60 Series Delta Flow	4.00	Dual Rear Exit

DESCRIPTION

2011-2014 Dodge Durango R/T, 5.7L, V8, Cat-back, 60 Series Mufflers, Mandrel Bent 2.50" 16 Gauge Tubing, 4.00" Polished 304S Tips W/Embossed Logo, DOR, American Thunder, 409S Stainless Steel.

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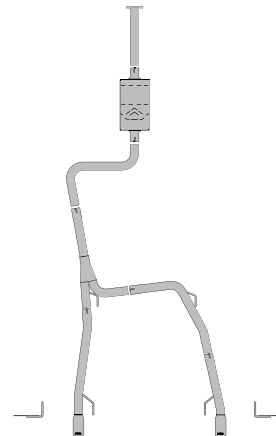
PART # 817565

FORCE II SYSTEM 11-15 CHEVROLET CRUZE

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.25	2.25	Cat-back System	Mild/Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.25	Force II	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	50 Series Delta Force	3.00	Dual Rear Exit

DESCRIPTION

11-15 Chevy Cruze, 1.4L, 1.8L, L4, Cat-back, Delta 50 Series Muffler, Mandrel Bent 2.25" 16 Gauge Tubing, 3.00" Polished 304S W/Embossed Logo Tips, DOR, Force II, 409S Stainless Steel



PART # 817566

FORCE II SYSTEM 02-05 FORD EXPLORER, MOUNTAINEER, AVIATOR

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Mild
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Force II	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	70 Series	4.38 x 3.25 (Oval)	Single Rear Exit

DESCRIPTION

02-05 Explorer, Mountaineer, Aviator, 4 Door, 4.0L, 4.6L, V6, V8, Cat-back, 70 Series Muffler, Mandrel Bent 2.50in. 16 Gauge Tubing, 4.38in x 3.25in Oval Polished 304 Stainless Steel Tip, SOR, Force II, 409S Stainless Steel.

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SYSTEM DESCRIPTIONS

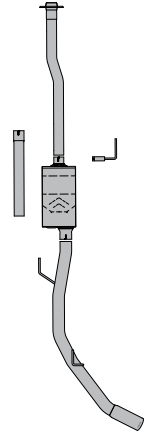
PART# 817567

AMERICAN THUNDER SYSTEM 09-14 FORD F-150, INCL. SVT RAPTOR, 4.6L, 5.0L, 5.4L, V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.50	Cat-back System	Moderate/Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.50	American Thunder	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	50 Series HD	4.00	Single Side Exit

DESCRIPTION

09-14 Ford F-150, (Incl. 2010 SVT Raptor), 4.6L, 5.0L, 5.4L, V8, All Wheelbases, Cat-back, 50 Series HD Muffler, Mandrel Bent 3.00"/3.50" 16 Gauge Tubing, 4.00" Polished 304S W/Embossed Logo Tip, SOS, American Thunder, 409S Stainless Steel



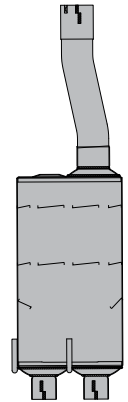
PART# 817568

AMERICAN THUNDER SYSTEM 09-15 DODGE RAM 1500, 5.7L HEMI

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	2.25	Direct-fit Muffler Kit	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
N/A	American Thunder	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	50 Series HD	N/A	N/A

DESCRIPTION

09-15 Dodge Ram 1500, 5.7L, V8, 2/4 Wheel Drive, All Wheel Bases, Direct-Fit, 50 Series HD Muffler, Mandrel Bent 3.00" 16 Gauge Tubing, American Thunder, 409S Stainless Steel (For factory dual tailpipe only).



PART# 817569

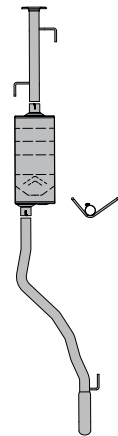
FORCE II SYSTEM 09-14 TOYOTA 4RUNNER, 4.0L V6

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Mild
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Force II	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	70 Series Big Block	3.00	Single Rear Exit

DESCRIPTION

09-14 Toyota 4Runner, 4.0L V6, Cat-back, 70 Series Muffler, Mandrel Bent 2.50" 16 Gauge Tubing, 3.00" Brushed 304S Stainless Tip, SOR, Force II, 409S Stainless Steel.

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PART# 817570

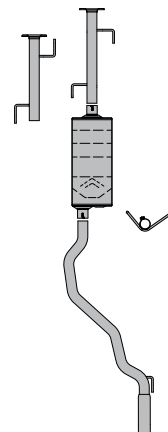
FORCE II SYSTEM 03-08 TOYOTA 4RUNNER 4.0L, 4.7L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Mild/Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Force II	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	70 Series Big Block	3.00	Single Rear Exit

DESCRIPTION

03-08 Toyota 4Runner, 4.0L V6, 4.7L V8, Cat-back, 70 Series Muffler, Mandrel Bent 2.50" 16 Gauge Tubing, 3.00". Brushed 304S Stainless Tip, SOR, Force II, 409S Stainless Steel.

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SYSTEM DESCRIPTIONS

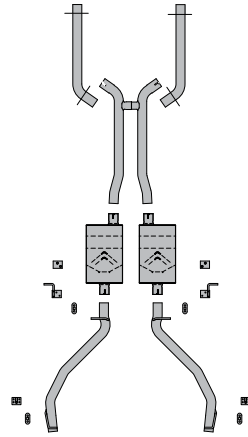
PART # 817571

AMERICAN THUNDER SYSTEM 75-81 GM F-BODY, V-8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Header-back System	Moderate/Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	50 Series (Slim Line)	N/A	Dual Side Exit

DESCRIPTION

75-81 GM F-Body, V-8, Off Road Use Only, All 2.50" Mandrel Bent Tubing From Trans X-Member Back, Incl. H-Pipe, Hardware, 50 Series Slim-Line Mufflers, American Thunder, DOS, 16 Gauge 409S Stainless Steel.



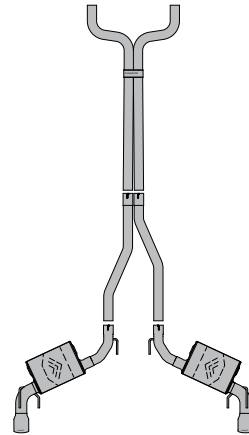
PART # 817572

AMERICAN THUNDER SYSTEM 10-13 CHEVROLET CAMARO, HARDTOP, CONVERTIBLE, 3.6L, V6

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	3.00	Cat-back System	Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	40 Series Delta Flow	4.00	Dual Rear Exit

DESCRIPTION

10-13 Chevy Camaro, Hardtop, Convertible, 3.6L, V6, Cat-back, Delta 40 Mufflers, Mandrel Bent 2.50" 16 Gauge Tubing, 4.00" Polished 304S W/Embossed Logo Tips, DOR, American Thunder, 409S Stainless Steel.



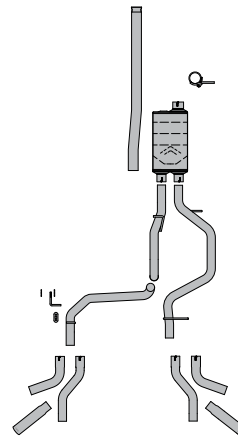
PART # 817573

FORCE II SYSTEM 09-13 CHEVROLET SILVERADO/GMC SIERRA 1500, 4.8L, V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	2.50	Cat-back System	Mild/Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Force II	None	RWD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 50 Series	3.00	Dual Rear/Side Exit

DESCRIPTION

09-13 Chevy Silverado 1500, GMC Sierra 1500, 4.8L, V8, Ext Cab-Std Bed, Crew Cab-Short Bed, 143" WB, Cat-back, Super 50 Muffler, Mandrel Bent 2.50" 16G. Tubing, 3.00" Polished 304S Tips, DOR/S, Force II, 409S Stainless Steel



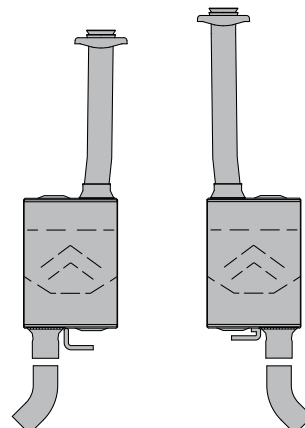
PART # 817574

AMERICAN THUNDER SYSTEM 86-98 FORD MUSTANG, GT, LX, COBRA 4.6L, 5.0L, V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 44 Series	N/A	Dual Out Dumps

DESCRIPTION

86-98 Ford Mustang, GT, LX, Cobra, 4.6L, 5.0L, V8, Super 44 Mufflers, Mandrel Bent 2.50" 16 Gauge Tubing, Dump Tips, DOD, American Thunder, 409S Stainless Steel.



SYSTEM DESCRIPTIONS

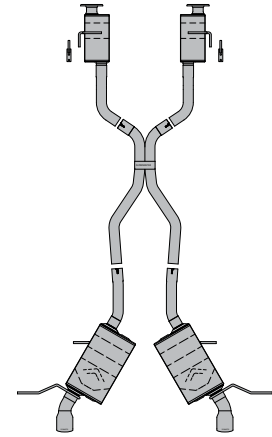
PART# 817575

FORCE II SYSTEM 11-13 JEEP GRAND CHEROKEE, 5.7L, V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	3.00	Cat-back System	Mild/Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Force II	None	RWD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 50 Series	4.00	Dual Rear Exit

DESCRIPTION

11-13 Jeep Grand Cherokee, 5.7L, V8, Cat-back, Super 50 Series Mufflers, Tuned Resonators, Mandrel Bent 2.50" 16 Gauge Tubing, 4.00" Polished 304S W/Embossed Logo Tips, DOR, Force II, 409S Stainless Steel



PART# 817576

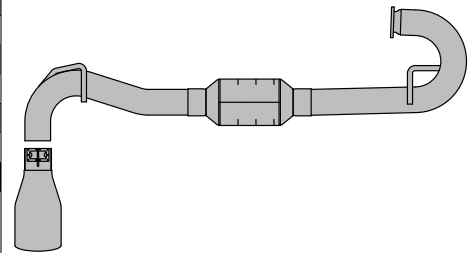
FORCE II SYSTEM 11-14 SCION TC, 2.5L, L4, INCL. RS 7.0

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Axle-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Force II	None	FWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Outlaw	3.00 x 4.50	Single Rear Exit

DESCRIPTION

11-14 Scion TC, 2.5L, L4, Incl. RS 7.0, Axle-back, Outlaw Series Muffler, Mandrel Bent 2.50" 16 Gauge Tubing, Oval Polished 304S W/embossed Logo Tip, SOR, Force II, 409S Stainless Steel. (Not RS 8.0 Model/Center exhaust exit.)

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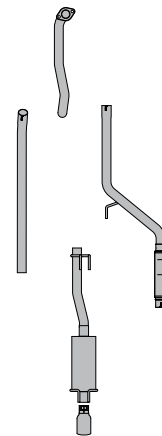
PART# 817578

DBX SYSTEM 06-11 HONDA CIVIC, 1.8L, L4

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.25	2.25	Cat-back System	Mild/Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.25	dBX	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	dBX Series	3.50	Single Rear Exit

DESCRIPTION

06-11 Honda Civic, 1.8L, L4, Coupe, Sedan, Cat-back, dBX Series Muffler, Tuned Resonator, Mandrel Bent 2.25in. 16 Gauge Tubing, 3.5in. Polished 304 Stainless Steel Tip, SOR, dBX, 409S Stainless Steel Tubing, 304S Stainless Steel Muffler.



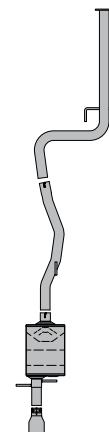
PART# 817579

AMERICAN THUNDER SYSTEM 05-08 CHEVROLET COBALT, 2.0L-SC, 2.4L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	60 Series	4.00	Single Rear Exit

DESCRIPTION

05-'08 Chevy Cobalt, 2.0L-SC, 2.4L, SS, Sport, Sedan, Coupe, Cat-back, 60 Series Muffler, Mandrel Bent 2.50in. 16 Gauge Tubing, 4" Dia. Polished 304 Stainless Steel Tip, SOR, American Thunder, 409S Stainless Steel.



SYSTEM DESCRIPTIONS

PART # 817580

DBX SYSTEM 06-11 HONDA CIVIC SI, 2.0L, L4

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.25	2.25	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.25	dBX	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	dBX Series	3.00 x 4.50	Single Rear Exit

DESCRIPTION

06-11 Honda Civic Si, 2.0L, L4, Coupe, Sedan, Cat-back, dBX Series Muffler, Tuned Resonator, Mandrel Bent 2.25in. 16 Gauge Tubing, Oval Polished 304 Stainless Steel Tip, SOR, dBX, 409S Stainless Steel Tubing, 304S Stainless Steel Muffler.



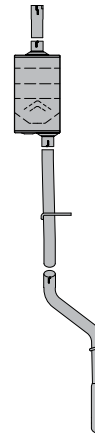
PART # 817582

FORCE II SYSTEM 07-11 DODGE NITRO, 3.7L V6, 4.0L V6

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Force II	None	RWD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 50 Series	3.00	Single Rear Exit

DESCRIPTION

07-11 Dodge Nitro, 3.7L V6, 4.0L V6, 4WD, RWD, Cat-back, Super 50 Series Muffler, Mandrel Bent 2.50" 16 Gauge Tubing, 2.50" Brushed 304S Stainless Tip, SOR, Force II, 409S Stainless Steel.



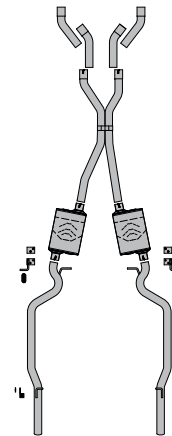
PART # 817584

AMERICAN THUNDER SYSTEM 63-66 MOPAR A-BODY, DART, VALIANT, BARRACUDA, V-8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Header-back System	Moderate/Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 40 Series	N/A	Dual Rear Exit

DESCRIPTION

63-66 Mopar A-Body, Dart, Valiant, Barracuda, V-8, Incl. Cnvrtrbl, Trans X-Member Back, Scavenger X-Pipe, Super 40 Series Mufflers, 2.50" Mandrel Bent Tubing, No SS Tips, DOR, American Thunder, 16 Gauge 409S Stainless Steel.



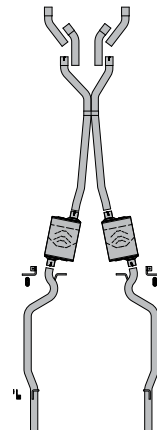
PART # 817585

AMERICAN THUNDER SYSTEM 67-74 MOPAR A-BODY, DART, VALIANT, V-8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Header-back System	Moderate/Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 40 Series	N/A	Dual Rear Exit

DESCRIPTION

67-74 Mopar A-Body, Dart, Valiant, V-8, Incl. Cnvrtrbl, Trans X-Member Back, Scavenger X-Pipe, Super 40 Series Mufflers, 2.50" Mandrel Bent Tubing, No SS Tips, DOR, American Thunder, 16 Gauge 409S Stainless Steel.



SYSTEM DESCRIPTIONS

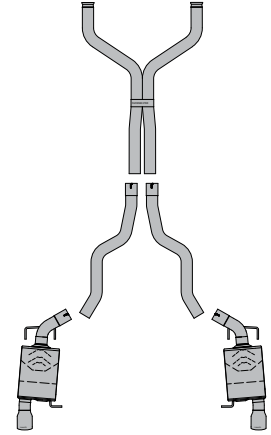
PART# 817587

AMERICAN THUNDER SYSTEM 13-14 FORD MUSTANG GT, COUPE/CNVTL., 5.0L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back System	Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	60 Series	4.00	Dual Rear Exit

DESCRIPTION

13-14 Ford Mustang GT, Coupe/Cnvtbl., 5.0L, Cat-back, 3.00" Mandrel Bent Tubing, Scavenger X-Pipe, 60 Series Mufflers, 4.00" Polished Tips, American Thunder, DOR, 409S Stainless Steel, Does NOT fit GT500.



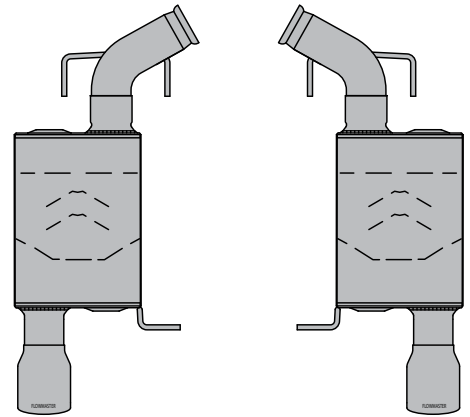
PART# 817588

AMERICAN THUNDER SYSTEM 13-14 FORD MUSTANG GT, 5.0L, V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.75	3.00	Axle-back System	Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	American Thunder	None	RWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 44 Series	4.00	Dual Rear Exit

DESCRIPTION

13-14 Ford Mustang GT, 5.0L, V8, 3.00" Mandrel Bent Tubing, Dual System, Super 44 Series Mufflers, 4.00" Polished Tips, American Thunder, DOR, 409S Stainless Steel.



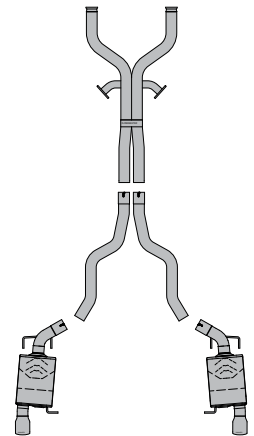
PART# 817589

AMERICAN THUNDER SYSTEM 2013 FORD MUSTANG BOSS 302, V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back System	Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	60 Series	4.00	Dual Rear Exit

DESCRIPTION

2013 Ford Mustang Boss 302, V8, 5.0L, Cat-back, 60 Series Mufflers, Mandrel Bent 3in. 16 Gauge Tubing, Scavenger X-Pipe, 4in. Polished 304S W/Embossed Logo Tips, DOR, American Thunder, 409S Stainless Steel.



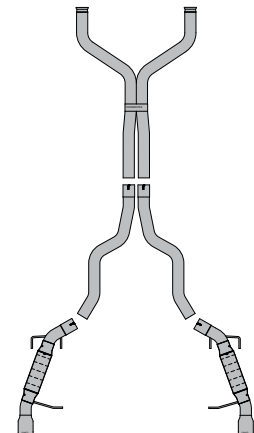
PART# 817590

OUTLAW SYSTEM 13-14 FORD MUSTANG, GT, COUPE, CONVERTIBLE, 5.0L, V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back System	Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Outlaw	None	RWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Outlaw	4.00	Dual Rear Exit

DESCRIPTION

13-14 Ford Mustang, GT, Coupe, Convertible, 5.0L, V8, Cat-back, Outlaw Mufflers, Mandrel Bent 3.00" 16 Gauge Tubing, 4.00" Polished 304S W/Embossed Logo Tips, DOR, Outlaw, 409S Stainless Steel



SYSTEM DESCRIPTIONS

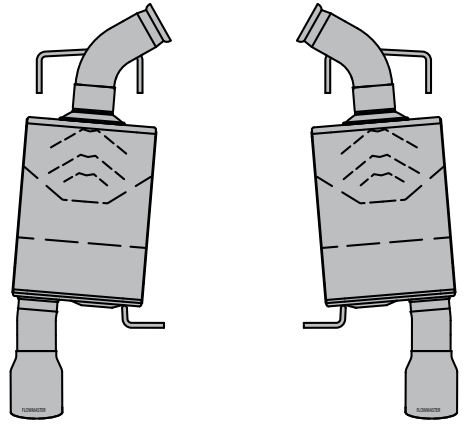
PART # 817591

FORCE II SYSTEM 13-14 FORD MUSTANG GT, COUPE, CNVRTBL., 5.0L, V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	3.00	Axle-back System	Mild
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Force II	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	60 Series	4.00	Dual Rear Exit

DESCRIPTION

13-14 Ford Mustang GT, Coupe, CnvrTbl., 5.0L, V8, Axle-back, 60 Series Muffler, Mandrel Bent 3in. 16 gauge Tubing, 4in. Polished Stainless Steel Tips, DOR, Axle-Back, Force II, 409S Stainless Steel (Not recommended for GT500 Models).



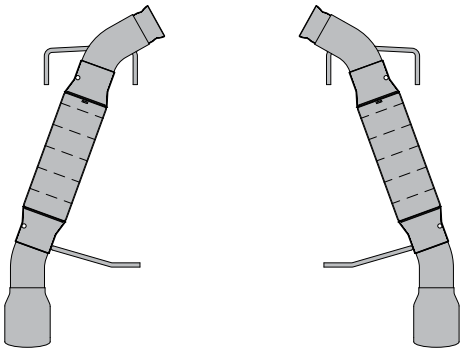
PART # 817592

OUTLAW SYSTEM 13-14 MUSTANG GT, 5.0L, V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.75	3.00	Axle-back System	Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Outlaw	None	N/A
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Outlaw	4.00	Dual Rear Exit

DESCRIPTION

13-14 Mustang GT, 5.0L, V8, Axle-Back, Outlaw Mufflers, Mandrel Bent 3in. 16 Gauge Tubing, 4in. Polished T304 Stainless Steel Tips, DOR, Outlaw, 409S Stainless Steel.



PART # 817594

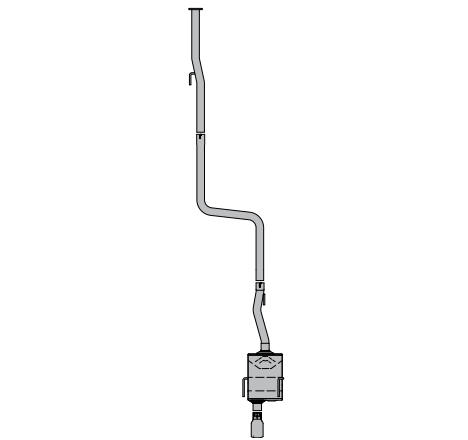
AMERICAN THUNDER SYSTEM 96-00 HONDA CIVIC, EX, 1.6L V-TEC ONLY

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.25	2.25	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.25	American Thunder	None	FWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	60 Series	3.50	Single Rear Exit

DESCRIPTION

96-00 Honda Civic, EX, 1.6L V-TEC Only, 2 Dr. Coupe, 4 Dr. Sedan, Cat-back, 60 Series Muffler, Mandrel Bent 2.25in. 16 Gauge Tubing, 3.5in. Polished 304 Stainless Steel Tip, SOR, American Thunder, 409S Stainless Steel.

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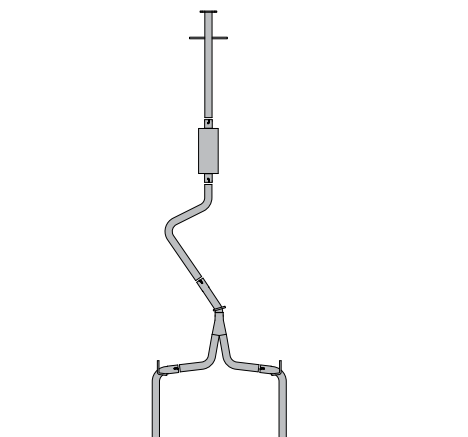
PART # 817595

DBX SYSTEM 13-15 DODGE DART RALLYE, 1.4L TURBO

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.25	N/A	Cat-back System	Mild
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.25	dBX	None	FWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	dBX	N/A	Dual Rear Exit

DESCRIPTION

13-15 Dodge Dart Rallye, 1.4L Turbo, Cat-Back, 304S dBX Muffler, 2.25" 409S Mandrel Bent Tubing, No Tips, DOR, dBX, 409S Stainless Steel.



SYSTEM DESCRIPTIONS

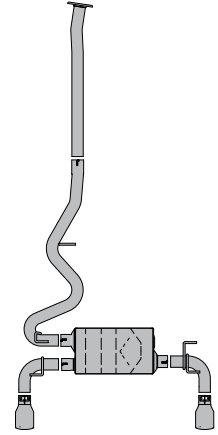
PART# 817596

AMERICAN THUNDER SYSTEM 13-14 SCION FR-S, SUBARU BRZ, 2.0L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	RWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	80 Series Crossflow	4.00	Dual Rear Exit

DESCRIPTION

13-14 Scion FR-S, Subaru BRZ, 2.0L, Cat-back, 80 Series Muffler, Mandrel Bent 2.50in. 16 Gauge Tubing, 4" Dia. Polished 304 Stainless Steel Tips, DOR, American Thunder, 409S Stainless Steel.



PART# 817598

DBX SYSTEM 96-98 VOLKSWAGEN JETTA, 2.0L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.25	2.25	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.25	dBX	None	FWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	dBX Series	3.00 (Dual)	Single Rear Exit

DESCRIPTION

96-98 Volkswagen Jetta, 2.0L, Cat-Back, dBX Muffler, Mandrel Bent 2.25in. 16 gauge Tubing, Twin 3.00in. Polished Stainless Steel Logo Embossed Tip, SOR, dBX, 409S Stainless Steel.



PART# 817599

DBX SYSTEM 99-01 VOLKSWAGEN JETTA, 1.8T, 2.0L, L4

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.25	2.25	Cat-back System	Mild/Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.25	dBX	None	FWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	dBX Series	3.00	Single Rear Exit

DESCRIPTION

99-01 Volkswagen Jetta, 1.8T, 2.0L, L4, Cat-back, dBX Series Muffler, Mandrel Bent 2.25in. 16 Gauge Tubing, Twin 3in. Polished 304 Stainless Steel Tip, SOR, dBX, 409S Stainless Steel Tubing, 304S Stainless Steel Muffler.



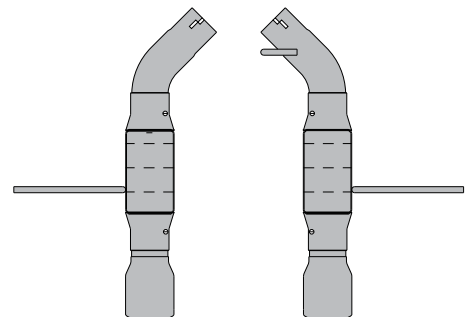
PART# 817600

FORCE II SYSTEM 12-14 JEEP, GRAND CHEROKEE, SRT8, 6.4L, V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Axle-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Force II	None	4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Outlaw	4.00	Dual Rear Exit

DESCRIPTION

12-14 Jeep, Grand Cherokee, SRT8, 6.4L, V8, Axle-Back, Outlaw Mufflers, Mandrel Bent 3in. 16 Gauge Tubing, 4in. Polished 304 Stainless Steel Tips, DOR, Force II, 409S Stainless Steel.



SYSTEM DESCRIPTIONS

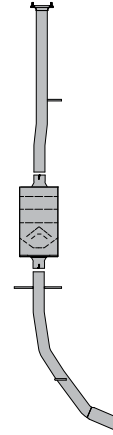
PART # 817601

FORCE II SYSTEM 09-10 CHEVROLET SILVERADO/GMC SIERRA 1500, 6.2L, V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.50	3.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.50	Force II	None	RWD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	50 Series Big Block	4.00	Single Side Exit

DESCRIPTION

09-10 Chevy Silverado / GMC Sierra 1500, 6.2L, V8, Crew Cab Short Bed, Cat-back, 50 Series Big Block Muffler, Mandrel Bent 3.5in. 16 Gauge Tubing, 4in. Polished 304S W/Embossed Logo Tip, SOS, Force II, 409S Stainless Steel.



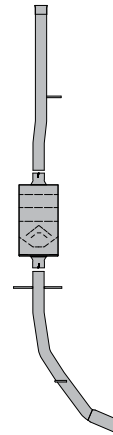
PART # 817603

FORCE II SYSTEM 11-15 CHEVROLET SILVERADO/GMC SIERRA 1500, 6.2L, V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.50	3.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.50	Force II	None	RWD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	50 Series Big Block	4.00	Single Side Exit

DESCRIPTION

11-15 Chevy Silverado / GMC Sierra 1500, 6.2L, V8, Crew Cab/Short Bed, Extra Cab/Standard Bed, 143" WB, Cat-back, 50 Series Big Block Muffler, Mandrel Bent 3.5in. 16 Gauge Tubing, 4in. Polished 304S W/Embossed Logo Tip, SOS, Force II, 409S Stainless Steel.



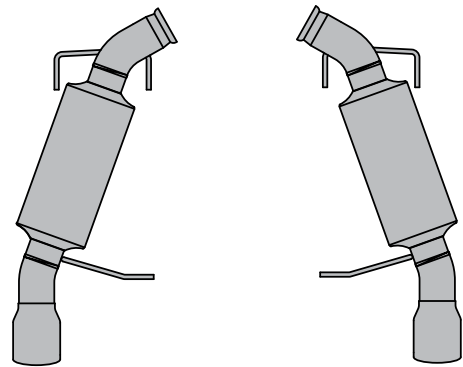
PART # 817604

AMERICAN THUNDER SYSTEM 13-14 MUSTANG GT, 5.0L, V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Axle-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	American Thunder	None	RWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Pro Series	4.00	Dual Rear Exit

DESCRIPTION

13-14 Mustang GT, 5.0L, V8, Axle-Back, Pro Series "Shorty" Mufflers, Mandrel Bent 3in. 16 Gauge Tubing, 4in. Polished Stainless Steel Tips, DOR, American Thunder Pro, 409S Stainless Steel, (NOT GT500).



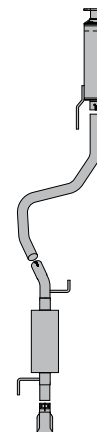
PART # 817605

DBX SYSTEM 12-13 CHEVROLET SONIC, 1.8L, L4

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.25	2.25	Cat-back System	Mild/Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.25	dBX	None	FWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	dBX Series	3.00	Single Rear Exit

DESCRIPTION

12-13 Chevy Sonic, 1.8L, L4, Cat-back, dBX Series Muffler, Mandrel Bent 2.25in. 16 Gauge Tubing, 3.5in. Polished 304 Stainless Steel Tip, SOR, dBX, 409S Stainless Steel Tubing, 304S Stainless Steel Muffler.



SYSTEM DESCRIPTIONS

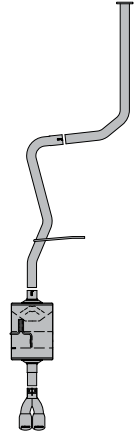
PART# 817606

AMERICAN THUNDER SYSTEM 96-98 CHEVROLET CAVALIER, PONTIAC SUNFIRE, 2.2L, 2.4L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.25	2.25	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.25	American Thunder	None	FWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	60 Series	3.00 (dual)	Single Rear Exit

DESCRIPTION

96-98 Chevrolet Cavalier, Pontiac Sunfire, 2.2L, 2.4L, Cat-back, 60 Series Muffler, Mandrel Bent 2.25in. 16 Gauge Tubing, Twin 3in. Polished T304 Stainless Steel Tip, SOR, American Thunder, 409S Stainless Steel.



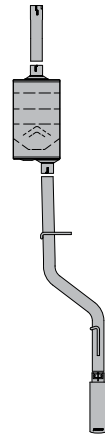
PART# 817607

FORCE II SYSTEM 08-12 JEEP LIBERTY, 3.7L, V6

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Mild/Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Force II	None	RWD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 50 Series	3.50	Single Rear Exit

DESCRIPTION

08-12 Jeep Liberty, 3.7L, V6, RWD, 4WD, Cat-back, Super 50 Series Muffler, Mandrel Bent 2.5in. 16 Gauge Tubing, 3.5in. Polished 304S W/Embossed Logo Tip, SOR, Force II, 409S Stainless Steel.



PART# 817608

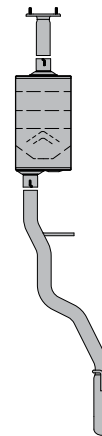
FORCE II SYSTEM 04-06 JEEP LIBERTY, 2.4L, 3.7L, L4, V6

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Mild/Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Force II	None	RWD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 50 Series	3.00	Single Rear Exit

DESCRIPTION

04-06 Jeep Liberty, 2.4L, 3.7L, L4, V6, RWD, 4WD, Cat-back, Super 50 Series Muffler, Mandrel Bent 2.5in. 16 Gauge Tubing, 3.0in. Polished 304S Tip, SOR, Force II, 409S Stainless Steel.

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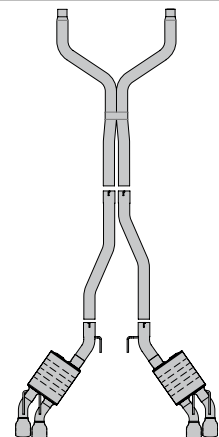
PART # 817609

AMERICAN THUNDER SYSTEM 13-15 CHEVROLET CAMARO SS 6.2L V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	2.50	Cat-back System	Aggressive
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	American Thunder	None	RWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
409S Stainless Steel	Outlaw	4.00	Dual Rear Exit

DESCRIPTION

13-15 Chevy Camaro, SS, 6.2L, V8, W/Dual Mode Option, 3.00" Mandrel Bent Tubing, Outlaw Series Mufflers, Scavenger X-Pipe, Quad 4.00" Logo Embossed Tips, American Thunder, DOR, 409S Stainless Steel, Hard Top Only - Not Convertible.



SYSTEM DESCRIPTIONS

PART # 817610

DBX SYSTEM 06-12 HONDA RIDGELINE, 3.5L, V6

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.25	2.25	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.25	dBX	None	4WD/AWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	dBX Series	3.00 (Dual)	Single Rear Exit

DESCRIPTION

06-12 Honda Ridgeline, 3.5L, V6, Cat-Back, dBX Series Muffler, Mandrel Bent 2.25in. 16 Gauge Tubing, 3in. Twin Polished Stainless Steel Tip, SOR, dBX, 409S Stainless Steel.



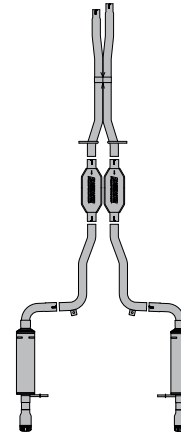
PART # 817611

FORCE II SYSTEM 02-04 AUDI A6 QUATTRO, SEDAN, 4.2L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.00	2.25	Cat-back System	Mild
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.25	Force II	None	4WD/AWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	HP-2 Series	3.00	Dual Rear Exit

DESCRIPTION

02-04 Audi A6 Quattro, Sedan, 4.2L V8, Cat-back, HP II Series Mufflers, Tuned Resonators, Mandrel Bent 2.25" 16 Gauge Tubing, Polished 304S/CNC Aluminum Tips, DOR, Force II, 409S Stainless Steel.



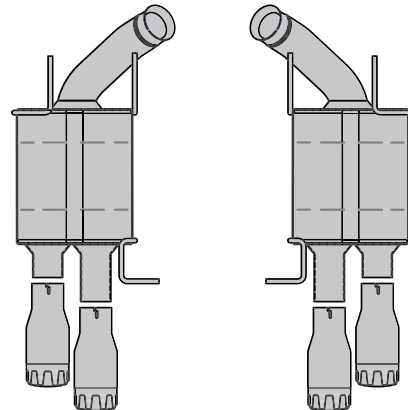
PART # 817612

13-14 MUSTANG GT500 5.8L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	2.50	Axle-back System	Aggressive
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	American Thunder	No	None
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Other-Unique Design	3.50	DOR

DESCRIPTION

13-14 Mustang Shelby GT500, 5.8L, V8, Axle-back, Tuned Mufflers, Mandrel Bent 3in. 16 Gauge Tubing, Quad 3.5in. Tips, Stainless Steel W/Machined Aluminum Edges, DOR, American Thunder, 409S Stainless Steel



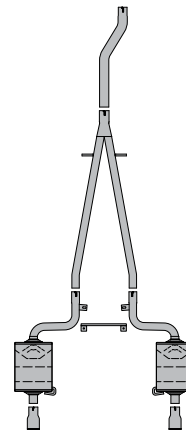
PART # 817613

FORCE II SYSTEM 02-08 AUDI A4 QUATTRO, SEDAN, 1.8L/2.0L (TURBO)

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.00	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.00	Force II	None	4WD/AWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	60 Series	3.00	Dual Rear Exit

DESCRIPTION

02-08 Audi A4 Quattro, Sedan, 1.8L/2.0L (Turbo), Cat-back, 60 Series Mufflers, Mandrel Bent 2.50"/2.00" 16 Gauge Tubing, Polished 304S/CNC Aluminum Tips, DOR, Force II, 409S Stainless Steel.



SYSTEM DESCRIPTIONS

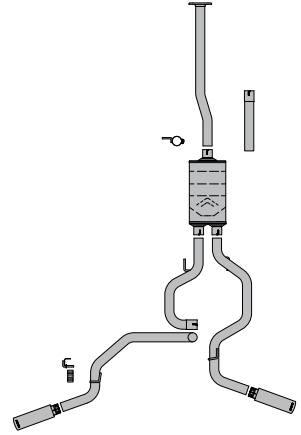
PART# 817614

AMERICAN THUNDER SYSTEM 13-15 TOYOTA TACOMA, 4.0L, V6

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	RWD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 50 Series	3.50	Dual Side Exit

DESCRIPTION

13-15 Toyota Tacoma, 4.0L, V6, All WB Except Standard Cab and X-Runner, Cat-back, Super 50 Series Muffler, Mandrel Bent 2.5in. 16 Gauge Tubing, 3.5in. Polished T304 Stainless Steel Tips, DOS, American Thunder, 409S Stainless Steel.



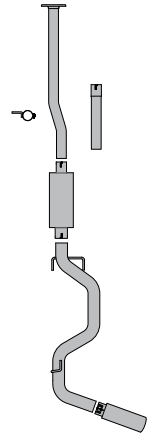
PART# 817615

DBX SYSTEM 13-15 TOYOTA TACOMA, 4.0L, V6

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	3.00	Cat-back System	Moderate/Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	dBX	None	RWD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	dBX Series	4.00	Single Side Exit

DESCRIPTION

13-15 Toyota Tacoma, 4.0L, V6, All WB Except Standard Cab and X-Runner, Cat-back, dBX Muffler, Mandrel Bent 3in. 16 Gauge Tubing, 4.0in. Polished T304 Stainless Steel Tip, SOS, 409S/304S Stainless Steel.



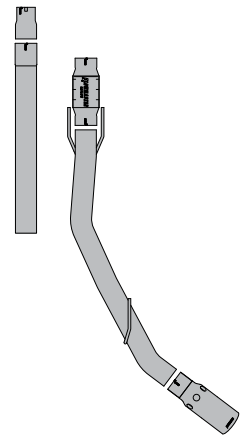
PART# 817616

FORCE II SYSTEM 08-10 FORD F-250/F-350/F-450, SUPER DUTY, DIESEL, 6.4L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
4.00	4.00	DPF-back	Mild/Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
4.00	Force II	None	RWD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Outlaw	5.00	Single Side Exit

DESCRIPTION

08-10 Ford F-250/F-350/F-450, Super Duty, Diesel, 6.4L, All Wheelbases, DPF-back, Outlaw Muffler, Mandrel Bent 4in. 16 Gauge Tubing, 5in. Polished 304S W/Embossed Logo Tip, SOS, Force II, 409S Stainless Steel.



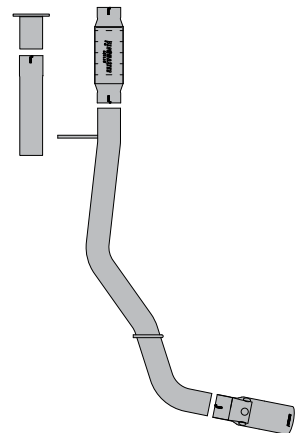
PART# 817617

FORCE II SYSTEM 07-10 CHEVROLET SILVERADO/GMC SIERRA2500HD/3500HD 6.6L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
4.00	4.00	DPF-back	Mild/Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
4.00	Force II	None	RWD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Outlaw	5.00	Single Side Exit

DESCRIPTION

07-10 Chevrolet Silverado / GMC Sierra 2500HD/3500HD, Duramax Diesel, 6.6L, Crew Cab-Long/Short Bed and Extended Cab-Long Bed only, DPF-back, Outlaw Series Muffler, Mandrel Bent 4in. 16 Gauge Tubing, 5in. Polished 304S W/Embossed Logo Tip, SOS, Force II, 409S Stainless Steel.



SYSTEM DESCRIPTIONS

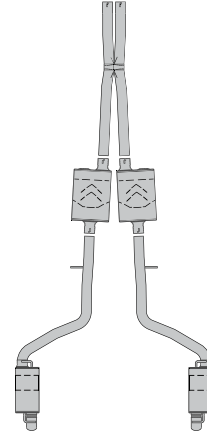
PART # 817618

2015 DODGE CHARGER R/T 5.7L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Moderate
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Force II	No	None
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 44	2.50	DOR

DESCRIPTION

2015 Dodge Charger, R/T, 5.7L, 2.50" Cat Back, Super 44 Series Mufflers, Scavenger X-Pipe, 16 gauge 2.50" Mandrel Bent Tailpipes w / Resonators, 304 Polished Stainless Tips, DOR, Force II, 409S Stainless Steel.



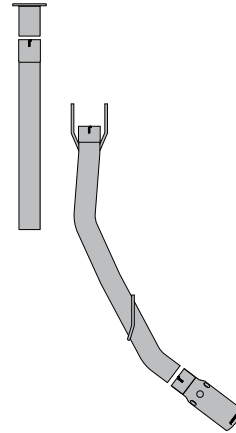
PART # 817619

FORCE II SYSTEM 11-14 FORD F-250/F-350/F-450, SUPER DUTY, DIESEL, 6.7L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
4.00	4.00	DPF-back	Mild/Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
4.00	Force II	None	RWD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	N/A	5.00	Single Side Exit

DESCRIPTION

11-14 Ford F-250/F-350/F-450, Super Duty, Diesel, 6.7L, Crew Cab-Long/Short Bed, Extended Cab/Long Bed, DPF-back, No Muffler, Mandrel Bent 4in. 16 Gauge Tubing, 5in. Polished 304S W/Embossed Logo Tip, SOS, Force II, 409S Stainless Steel.



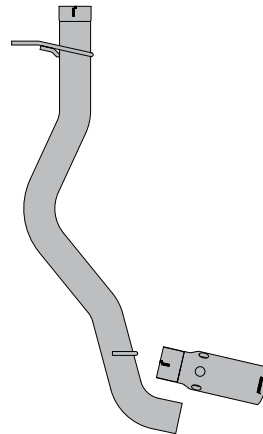
PART # 817620

FORCE II SYSTEM 11-15 CHEVROLET SILVERADO/GMC SIERRA 2500HD/3500HD 6.6L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
4.00	4.00	DPF-back	Mild/Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
4.00	Force II	None	RWD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	N/A	5.00	Single Side Exit

DESCRIPTION

11-15 Chevrolet Silverado / GMC Sierra 2500HD/3500HD, Duramax Diesel, 6.6L, All Wheel Bases, DPF-back, No Muffler, Mandrel Bent 4in. 16 Gauge Tubing, 5in. Polished 304S W/Embossed Logo Tip, SOS, Force II, 409S Stainless Steel.



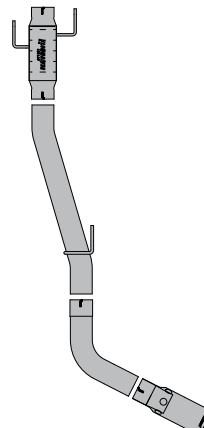
PART # 817621

FORCE II SYSTEM 07-12 DODGE RAM 2500/3500, 6.7L CUMMINS DIESEL

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
4.00	4.00	DPF-back	Mild/Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
4.00	Force II	None	RWD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Outlaw	5.00	Single Side Exit

DESCRIPTION

07-12 Dodge Ram 2500/3500, 6.7L Cummins Diesel, 2/4 Wheel Drive, All Wheel Bases, DPF-back, Outlaw Muffler, Mandrel Bent 4in. 16 Gauge Tubing, 5in. Polished 304S W/Embossed Logo Tip, SOS, Force II, 409S Stainless Steel.



SYSTEM DESCRIPTIONS

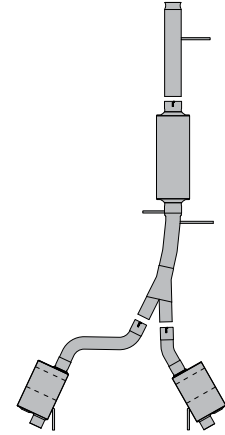
PART# 817622

FORCE II SYSTEM 12-14 CADILLAC, ESCALADE, 6.2L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.50	3.00	Cat-back System	Mild/Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
4"/3.5"/3"	Force II	None	RWD/AWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	PRO Series	3.00	Dual Rear Exit

DESCRIPTION

12-14 Cadillac, Escalade, 6.2L, W/Factory Dual Exhaust Tips(Not EXT/ESV), Cat-back, Pro Series Muffler, Tuned Resonators, Mandrel Bent 3.50"/3.00" 16 Gauge Tubing, Valance Style-No Tips, DOR, Force II, 409S Stainless Steel.



PART# 817623

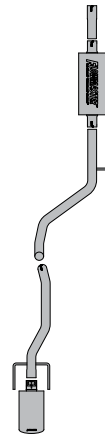
FORCE II SYSTEM 12-13 FIAT 500, HATCHBACK, CONVERTIBLE, 1.4L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.00	2.00	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.00	Force II	None	FWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	dBX Series	2.25 x 4.25	Single Rear Exit

DESCRIPTION

12-13 Fiat 500, Hatchback, Convertible, 1.4L (Naturally Aspirated), Cat-back, dBX Series Muffler, Mandrel Bent 2.00" 16 Gauge Tubing, Oval Resonated Tip, Polished W/Embossed Logo, SOR, Force II, 409S Stainless Steel.

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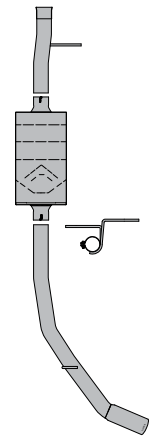
PART# 817624

FORCE II SYSTEM 11-13 CADILLAC ESCALADE, GMC YUKON DENALI, 6.2L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.50	3.50	Cat-back System	Mild/Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.50	Force II	None	RWD/AWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	50 Series Big Block	4.00	Single Side Exit

DESCRIPTION

11-13 Cadillac Escalade / GMC Yukon Denali, 6.2L, Short WB (Not XL/EXT/ESV), (Exc w/Factory Dual TP Option), Cat-back, 50 Series Big Block Muffler, Mandrel Bent 3.50" 16 Gauge Tubing, 4in. Polished 304 Stainless Steel Tip, SOS, Force II, 409S Stainless Steel.



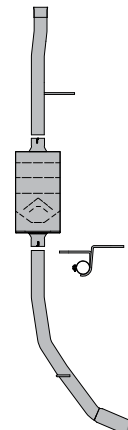
PART# 817626

FORCE II SYSTEM 11-13 CADILLAC ESCALADE EXT, ESV, GMC YUKON XL DENALI, 6.2L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.50	3.50	Cat-back System	Mild/Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.50	Force II	None	RWD/AWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	50 Series Big Block	3.50	Single Side Exit

DESCRIPTION

11-13 Cadillac Escalade EXT, ESV / GMC Yukon XL Denali, 6.2L, Long WB, Cat-back, 50 Series Big Block Muffler, Mandrel Bent 3.50" 16 Gauge Tubing, 4in. Polished 304 Stainless Steel Tip, SOS, Force II, 409S Stainless Steel.



SYSTEM DESCRIPTIONS

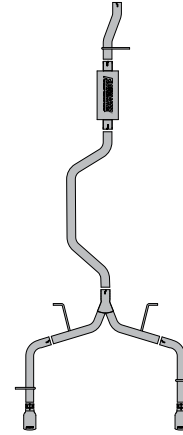
PART # 817627

FORCE II SYSTEM 11-14 DODGE AVENGER WITH A 3.6L V6

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50/2.25	Force II	None	FWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	dBX	3.50	Dual Rear Exit

DESCRIPTION

11-14 Dodge Avenger, 3.6L, V6, Cat-back, dBX Series Muffler, Mandrel Bent 2.50"/2.25" 16 Gauge Tubing, 3.5in. Polished 304 Stainless Steel Tips, DOR, Force II, 409S Stainless Steel.



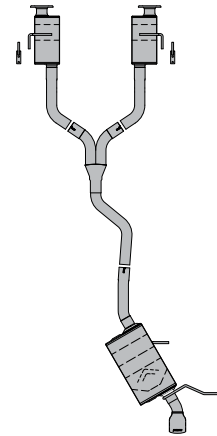
PART # 817628

FORCE II SYSTEM 11-13 JEEP GRAND CHEROKEE, 3.6L, V6

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Mild/Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Force II	None	RWD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 50 Series	4.00	Single Rear Exit

DESCRIPTION

11-13 Jeep Grand Cherokee, 3.6L, V6, Cat-Back, Super 50 Muffler, Tuned Resonators, Mandrel Bent 2.5in. 16 Gauge Tubing, 4in. Polished 304 Stainless Steel Tip, SOR, Force II, 409S Stainless Steel.



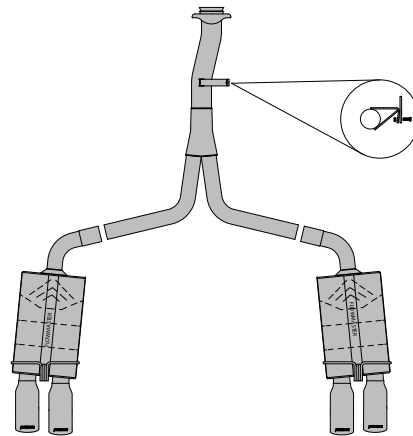
PART # 817632

FORCE II SYSTEM 86-90 CHEVROLET CORVETTE 5.7L V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	2.25	Cat-back System	Mild/Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.25	Force II	None	RWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	60 Series	3.50	Dual Rear Exit

DESCRIPTION

86-90 Chevy Corvette, 5.7L, V8, Cat-back, 60 Series Mufflers, Mandrel Bent 3.00"/2.25" 16 Gauge Tubing, Quad 3.5in. Polished 304 Stainless Steel Tips, DOR, Force II, 409S Stainless Steel



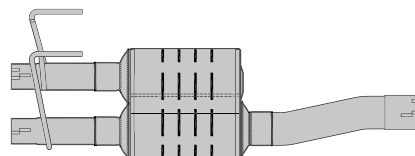
PART # 817633

OUTLAW SYSTEM 09-15 DODGE RAM 1500 5.7L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	2.25	Direct-fit Muffler	Aggressive
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Outlaw	No	None
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Outlaw	None	DOR

DESCRIPTION

09-15 Dodge Ram 1500, 5.7L, V8, 2/4 Wheel Drive, All Wheel Bases, Direct-Fit, Oval Outlaw Muffler, Mandrel Bent 3.00" 16 Gauge Tubing, Outlaw, 409S Stainless Steel.



SYSTEM DESCRIPTIONS

PART# 817634

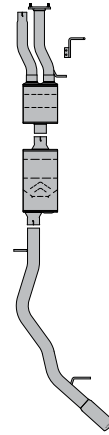
FORCE II SYSTEM 02-06 CADILLAC ESCALADE EXT, ESV, GMC YUKON XL DENALI, 6.0L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.50	3.50	Cat-back System	Mild/Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.50	Force II	None	AWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	50 Series Big Block	4.00	Single Side Exit

DESCRIPTION

02-06 Cadillac Escalade EXT, ESV, GMC Yukon XL Denali, 6.0L, Long WB, Cat-back, 50 Series Big Block Muffler, Mandrel Bent 3.50" 16 Gauge Tubing, 4in. Polished 304 Stainless Steel Tip, SOS, Force II, 409S Stainless Steel.

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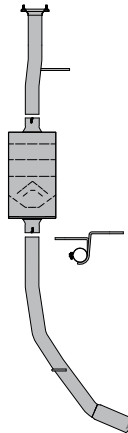
PART# 817635

FORCE II SYSTEM 07-10 CADILLAC ESCALADE, GMC YUKON DENALI, 6.2L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.50	3.50	Cat-back System	Mild/Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.50	Force II	None	RWD/AWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	50 Series Big Block	4.00	Single Side Exit

DESCRIPTION

07-10 Cadillac Escalade, GMC Yukon Denali, 6.2L, 116" WB (Not EXT/ESV or XL), Cat-back, 50 Series Big Block Muffler, Mandrel Bent 3.50" 16 Gauge Tubing, 4" Dia. Polished Stainless Steel Tip, SOS, Force II, 409S Stainless Steel.



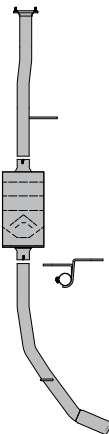
PART# 817636

FORCE II SYSTEM 07-10 CADILLAC ESCALADE EXT/ESV, GMC YUKON XL DENALI, 6.2L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.50	3.50	Cat-back System	Mild/Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.50	Force II	None	RWD/AWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	50 Series Big Block	4.00	Single Side Exit

DESCRIPTION

07-10 Cadillac Escalade EXT/ESV, GMC Yukon XL Denali, 6.2L, Cat-back, 50 Series Big Block Muffler, Mandrel Bent 3.50" 16 Gauge Tubing, 4" Dia. Polished Stainless Steel Tip, SOS, Force II, 409S Stainless Steel.



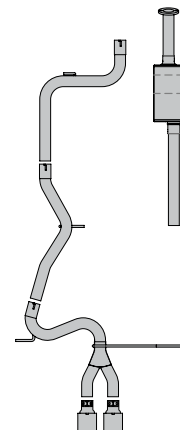
PART # 817637

AMERICAN THUNDER SYSTEM 13-15 FORD FOCUS ST WITH A TURBOCHARGED 2.0L L4

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.25	2.25	Cat-back System	Moderate/Aggressive
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.25	American Thunder	None	FWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
409S Stainless Steel	N/A	3.25 x 3.75(Oval)	Dual Rear Exit

DESCRIPTION

13-15 Ford, Focus ST, 2.0L, L4, Turbocharged, Cat-back, Tuned Resonator, Mandrel Bent 2.25" 16 Gauge Tubing, Dual Oval Polished 304S Tip W/Embossed Logo, DOR, American Thunder, 409S Stainless Steel



SYSTEM DESCRIPTIONS

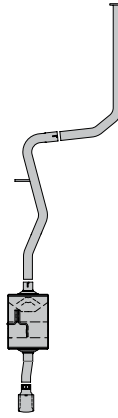
PART # 817639

AMERICAN THUNDER SYSTEM 99-02 CHEVROLET CAVALIER/PONTIAC SUNFIRE

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.25	2.25	Cat-back System	Moderate
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.25	American Thunder	None	FWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
409S Stainless Steel	60 Series	3 (dual)	Single Rear Exit

DESCRIPTION

99-02 Chevy Cavalier, Pontiac Sunfire, 2.2L, 2.4L, Cat-back, 60 Series Muffler, Mandrel Bent 2.25in. 16 Gauge Tubing, Twin 3in. Polished T304 Stainless Steel Tip, SOR, American Thunder, 409S Stainless Steel



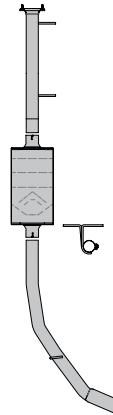
PART # 817640

FORCE II SYSTEM 11-15 CHEVROLET SILVERADO/GMC SIERRA 2500 HD/3500 HD

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.50	3.50	Cat-back System	Mild/Moderate
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.50	Force II	None	RWD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
409S Stainless Steel	50 Series Big Block	4.00	Single Side Exit

DESCRIPTION

11-15 Chevy Silverado / GMC Sierra, 2500HD/3500HD, 6.0L (gas), V8, Extra Cab, Std Bed, Cat-back, 50 Series Big Block Muffler, Mandrel Bent 3.5in. 16 G. Tubing, 4in. Polished 304S W/Embossed Logo Tip, SOS, Force II, 409S Stainless Steel



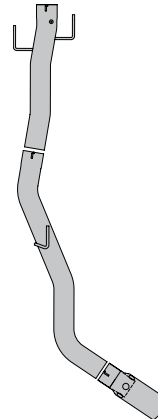
PART # 817641

FORCE II SYSTEM 2013 DODGE RAM 2500/3500, 6.7L CUMMINS DIESEL

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
4.00	4.00	DPF-back	Mild/Moderate
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
4.00	Force II	None	RWD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
409S Stainless Steel	No Muffler	5.00	Single Side Exit

DESCRIPTION

2013 Dodge Ram 2500/3500, 6.7L Cummins Diesel, 2/4 Wheel Drive, Mega Cab Only, DPF-back, No Muffler, Mandrel Bent 4in. 16 Gauge Tubing, 5in. Polished 304S W/Embossed Logo Tip, SOS, Force II, 409S Stainless Steel



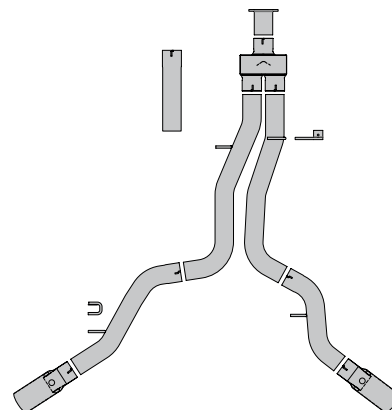
PART # 817642

FORCE II SYSTEM 07-10 CHEVROLET SILVERADO/GMC SIERRA 2500HD/3500HD, 6.6L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
4.00	4.00	DPF-back	Mild/Moderate
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
4.00	Force II	None	RWD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
409S Stainless Steel	N/A	5.00	Dual Side Exit

DESCRIPTION

07-10 Chev./GMC, 2500HD/3500HD, Duramax Diesel, 6.6L, Crew Cab-Long/Short and Ext Cab-Long only, DPF-back, Dual TP, Single In/Dual Out "Power Chamber", Mandrel Bent 4in. 16 Ga. Tubing, 5in. Polished Tips, DOS, Force II, 409S Stainless Steel.



SYSTEM DESCRIPTIONS

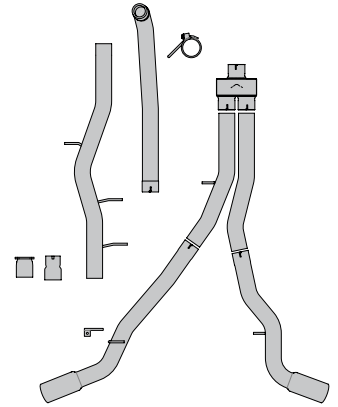
PART # 817643

AMERICAN THUNDER SYSTEM 01-07 CHEVROLET SILVERADO/GMC SIERRA 2500HD/3500HD

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
4.00	4.00	Down Pipe Back	Moderate
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
4.00	American Thunder	N/A	RWD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
409S Stainless Steel	N/A	5.00	Dual Side Exit

DESCRIPTION

01-07 Chevy Silverado / GMC Sierra 2500HD/3500HD, Duramax Diesel, 6.6L, All Wheel Bases (Exc. Std Cab/Long Bed), Downpipe Back, Dual Tailpipe, Power Chamber, Mandrel Bent 4in. 16 Ga. Tubing, 5in. Polished 304S Tips, DOS, American Thunder, 409S Stainless Steel.



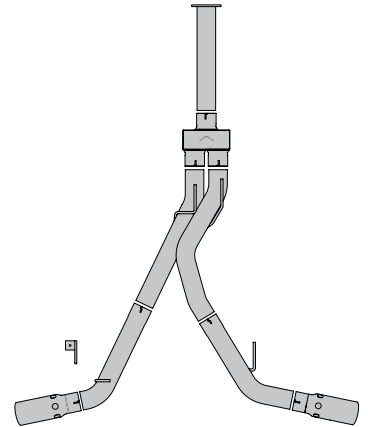
PART # 817644

FORCE II SYSTEM 11-13 FORD F-250/350, SUPER DUTY, DIESEL, 6.7L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
4.00	4.00	DPF-back	Mild/Moderate
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
4.00	Force II	None	RWD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
409S Stainless Steel	N/A	5.00	Dual Side Exit

DESCRIPTION

11-13 Ford, F-250/350, Super Duty, Diesel, 6.7L, Crew/Short, Ext/Long, Crew/Long, DPF-back, Dual Tailpipe, Single In/Dual Out "Power Chamber", Mandrel Bent 4in.16 Ga. Tubing, 5in. Polished 304S SS Tips, DOS, Force II, 409S Stainless



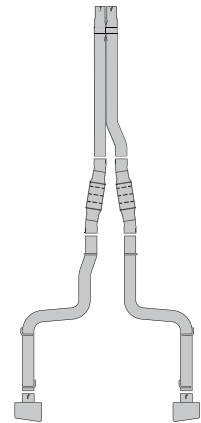
PART # 817645

OUTLAW SYSTEM 09-14 DODGE CHALLENGER R/T 5.7L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back System	Aggressive
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Outlaw	No	None
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Outlaw	3.00 x 7.00	DOR

DESCRIPTION

09-14 Dodge Challenger R/T, 5.7L, Cat-back, 3.00" Mandrel Bent Tubing, Outlaw Series Mufflers, Scavenger X-Pipe, Rectangular Polished 304S W/Embossed Logo Tips, Outlaw, DOR, 409S Stainless Steel.



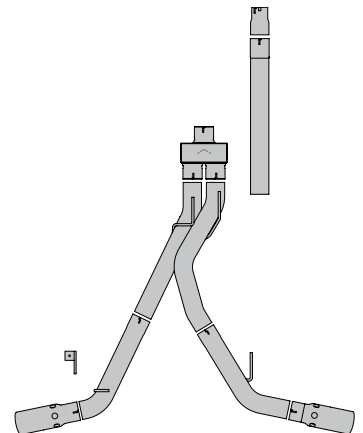
PART # 817646

FORCE II SYSTEM 08-10 FORD, F-250/350/450, SUPER DUTY, DIESEL, 6.4L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
4.00	4.00	DPF-back	Mild/Moderate
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
4.00	Force II	None	RWD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
409S Stainless Steel	N/A	5.00	Dual Side Exit

DESCRIPTION

08-10 Ford, F-250/350/450, Super Duty, Diesel, 6.4L, All Wheelbases, DPF-back, Dual Tailpipe, Single In/Dual Out "Power Chamber", Mandrel Bent 4in. 16 Ga. Tubing, 5in. Polished 304S W/Embossed Logo Tips, DOS, Force II, 409S Stainless Steel



SYSTEM DESCRIPTIONS

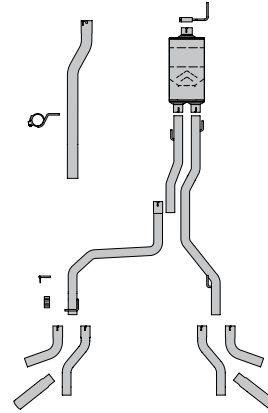
PART # 817647

AMERICAN THUNDER SYSTEM 2013 DODGE RAM 2500/3500, 5.7L HEMI, V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	2.50	Cat-back System	Moderate
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	RWD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
409S Stainless Steel	50 Series Heavy Duty	3.00	Dual Rear/Side Exit

DESCRIPTION

2013 Dodge Ram 2500/3500, 5.7L Hemi, V8, Fits All Except Chassis Cab, Cat-back, 50 Series HD Muffler, Mandrel Bent 2.5in. 16 Gauge Tubing, 3in. Polished T304 Stainless Steel Tips, DOR/S, American Thunder, 409S Stainless Steel



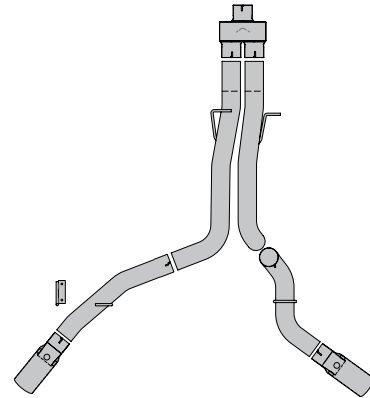
PART # 817648

FORCE II SYSTEM 11-15 CHEVROLET SILVERADO/GMC SIERRA 2500HD/3500HD, 6.6L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
4.00	4.00	DPF-back	Mild/Moderate
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
4.00	Force II	None	RWD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
409S Stainless Steel	N/A	5.00	Dual Side Exit

DESCRIPTION

11-15 Chevy Silverado / GMC Sierra 2500HD/3500HD, Duramax Diesel, 6.6L, All Wheel Bases, DPF-back, Dual Tailpipe, Single In/Dual Out "Power Chamber", Mandrel Bent 4in. 16 Ga. Tubing, 5in. Polished 304S W/ Embossed Logo Tip, DOS, Force II, 409S Stainless Steel



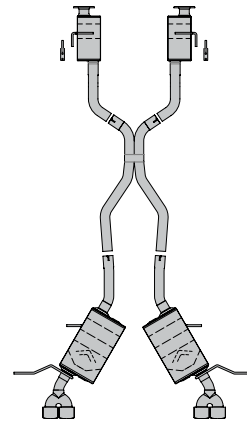
PART # 817649

FORCE II SYSTEM 2014 JEEP GRAND CHEROKEE, 5.7L, V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Mild/Moderate
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Force II	None	RWD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
409S Stainless Steel	50 Series Delta Flow	4.00	Dual Rear Exit

DESCRIPTION

2014 Jeep Grand Cherokee, 5.7L, V8, Cat-back, Super 50 Series Mufflers, Tuned Resonators, Mandrel Bent 2.50 in. 16 Gauge Tubing, "Quad" 4.00 in. Dia. Polished 304S W/Embossed Logo Tips, DOR, Force II, 409S Stainless Steel



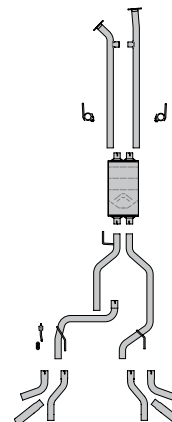
PART # 817650

AMERICAN THUNDER SYSTEM 07-09 TOYOTA TUNDRA, 4.7L, V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Moderate
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	RWD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
409S Stainless Steel	50 Series	3.00	Dual Rear/Side Exit

DESCRIPTION

07-09 Toyota Tundra, 4.7L, V8, Cat-back, 50 Big Block Muffler, Mandrel Bent 2.50in. 16 Gauge Tubing, 3.00in. Polished 304S W/Embossed Logo Tips, DOR/S, American Thunder, 409S Stainless Steel (Only Fits 2009 Models Built BEFORE 08/2008.)



SYSTEM DESCRIPTIONS

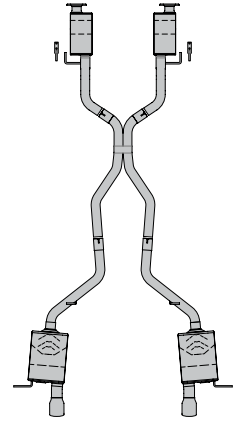
PART # 817651

FORCE II SYSTEM 11-15 DODGE DURANGO R/T, 5.7L, V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	3.00	Cat-back System	Mild/Moderate
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Force II	None	RWD/AWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
409S Stainless Steel	60 Series	4.00	Dual Rear Exit

DESCRIPTION

11-15 Dodge Durango R/T, 5.7L, V8, Cat-back, 60 Series Mufflers, Tuned Resonators, Mandrel Bent 2.50" 16 Gauge Tubing, 4.00" Polished 304S W/Embossed Logo Tips, DOR, Force II, 409S Stainless Steel



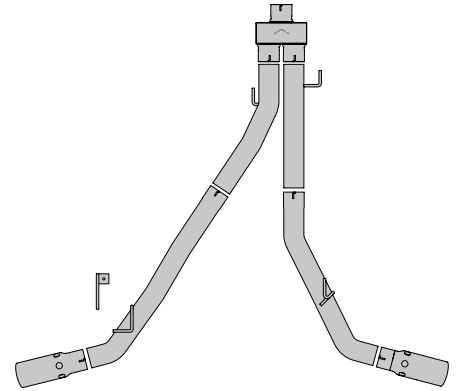
PART # 817652

FORCE II SYSTEM 07-12 DODGE RAM 2500/3500, 6.7L CUMMINS DIESEL

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
4.00	4.00	DPF-back	Moderate
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
4.00	Force II	None	RWD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
409S Stainless Steel	N/A	5.00	Dual Side Exit

DESCRIPTION

07-12 Dodge Ram 2500/3500, 6.7L Cummins Diesel, 2/4 Wheel Drive, All Wheel Bases, DPF-back, Power Chamber, Dual Tailpipe, Mandrel Bent 4in. 16 Ga. Tubing, 5in. Polished 304S W/Embossed Logo Tips, DOS, Force II, 409S Stainless Steel



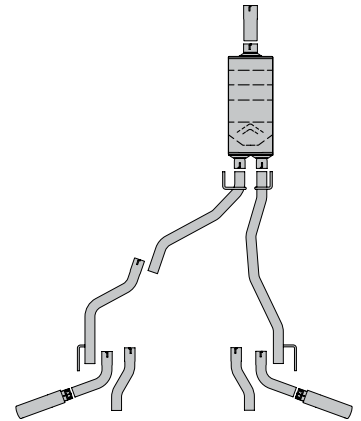
PART # 817653

FORCE II SYSTEM 13-15 DODGE RAM 1500, 3.6L, V6

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	2.25	Cat-back System	Mild/Moderate
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.25	Force II	None	RWD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
409S Stainless Steel	70 Series	3.00	Dual Rear/Side Exit

DESCRIPTION

13-15 Dodge Ram 1500, 3.6L, V6, Cat-Back, 70 Series Muffler, Mandrel Bent 2.25in. 16 gauge Tubing, 3in. Polished 304 Stainless Steel Tips, DOR/S, Force II, 409S Stainless Steel.



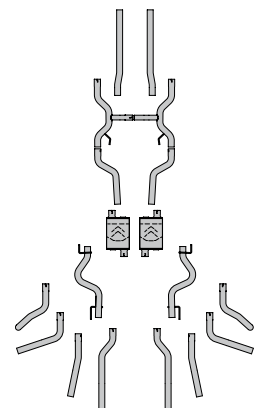
PART # 817654

AMERICAN THUNDER SYSTEM 67-72 GM C10/C15 PICKUP, 1/2 TON, V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Header-back System	Moderate/Aggressive
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	RWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
409S Stainless Steel	Super 44 Series	N/A	Dual Rear/Side Exit

DESCRIPTION

67-72 GM C10/C15 Pickup, 1/2 Ton, 2WD, Shortbed/Longbed, V8, W/Coil Spring Susp. Only, Trans X-Member Back, H-Pipe, Hardware, Super 44 Series Mufflers, Tips Not Included, American Thunder, DOR/S, 2.5" Mandrel Bent Tubing, 409S Stainless Steel.



SYSTEM DESCRIPTIONS

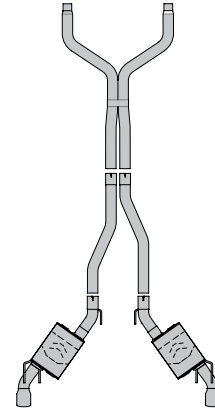
PART # 817656

AMERICAN THUNDER SYSTEM 14-15 CHEVROLET CAMARO SS, 6.2L, V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back System	Moderate/Aggressive
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	American Thunder	None	RWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
409S Stainless Steel	Super 44 Series	4.00	Dual Rear Exit

DESCRIPTION

14-15 Chevy Camaro SS, 6.2L, V8, Coupe, 3.00" Mandrel Bent Tubing, Super 44 Series Mufflers, Scavenger X-Pipe, 4.00" Logo Embossed Tips, American Thunder, DOR, 409S Stainless Steel, (Will Not Fit Convertible or Optional "Dual Mode Exhaust").



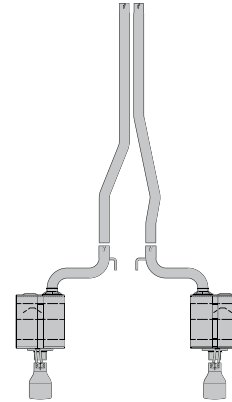
PART # 817657

FORCE II SYSTEM 14-15 CHEVROLET SS, SEDAN, 6.2L, V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	3.00	Cat-back System	Moderate
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Force II	None	RWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	60 Series	5.25 X 3.50	Dual Rear Exit

DESCRIPTION

14-15 Chevy SS, Sedan, 6.2L, V8, Cat-back, 60 Series Mufflers, Mandrel Bent 2.5in. 16 Gauge Tubing, Oval Polished Stainless Tips, DOR, Force II, 409S Stainless Steel.



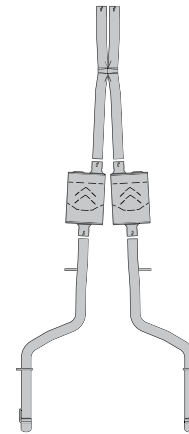
PART # 817658

AMERICAN THUNDER SYSTEM 2015 DODGE CHARGER R/T/CHRYSLER 300C, 5.7L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Moderate/Aggressive
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	No	None
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 44	2.50	DOR

DESCRIPTION

2015 Dodge Charger R/T, Chrysler 300 C, 5.7L, 2.50" Mandrel Bent Tubing, Super 44 Series Mufflers, Scavenger X-Pipe, Brushed Stainless Tips, American Thunder, DOR, 409S Stainless Steel.



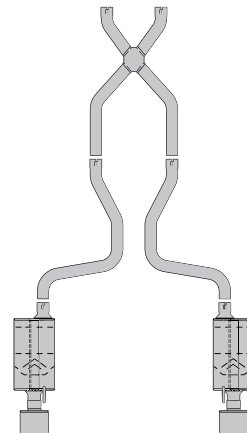
PART # 817659

FORCE II SYSTEM 70-73 CORVETTE STINGRAY, 350 SMALL BLOCK

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.25	2.50	Crossmember-back	Moderate
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.25	Force II	No	RWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	50 Series Delta Flow	3.00 x 5.50	DOR

DESCRIPTION

70-73 Chevy Corvette, 350, Small Block, X Member-back, 50 Series Delta Flow Mufflers, Mandrel Bent 2.25" 16G Tubing, Rectangle Polished Stainless Tips, DOR, Force II, 409S Stainless. Can be used with manifold downpipes 81098 (Manual trans) or 81095 (Auto trans).



SYSTEM DESCRIPTIONS

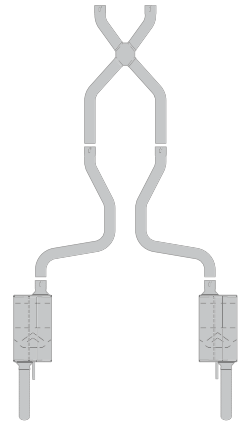
PART # 817660

FORCE II SYSTEM 68-69 CHEVROLET CORVETTE, 327, 350, SMALL BLOCK

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.25	2.25	Crossmember-back	Moderate
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.25	Force II	None	RWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	50 Series Delta Flow	2.25	Dual Rear Exit

DESCRIPTION

68-69 Chevy Corvette, 327, 350, Small Block, X Member-back, 50 Series Delta Flow Mufflers, Mandrel Bent 2.25" 16G Tubing, 2.25in. Polished 304 Stainless Tips, DOR, Force II, 409S Stainless. Can be used with manifold downpipes 81098 (Manual trans) or 81095 (Auto trans)



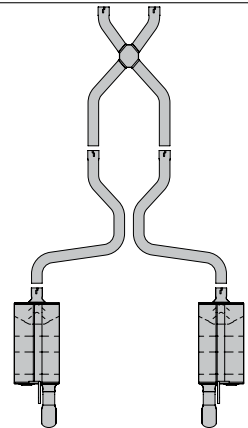
PART # 817661

FORCE II SYSTEM 74-79 CHEVROLET CORVETTE, 5.7L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.25	2.25	Crossmember-back	Mild/Moderate
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.25	Force II	None	RWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	60 Series Delta Flow	3.00	Dual Rear Exit

DESCRIPTION

74-79 Chevrolet Corvette, 5.7L, X Member-back, Delta Flow Mufflers, Mandrel Bent 2.25" 16G Tubing, 3.0in. Polished 304 Stainless Tips, DOR, Force II, 409S Stainless, Not Emmissions Legal on 75-79 Vehicles.



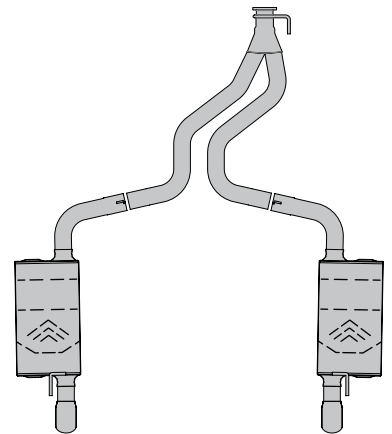
PART # 817662

AMERICAN THUNDER SYSTEM 75-79 CHEVROLET CORVETTE, 5.7L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Moderate
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	RWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
409S Stainless Steel	50 Series Delta Flow	3.00	Dual Rear Exit

DESCRIPTION

75-79 Chevy Corvette, 5.7L, V8, Cat-back, 50 Series Delta Flow Mufflers, Mandrel Bent 2.50" 16 Gauge Tubing, 3.0in. Polished 304 Stainless Steel Tips, DOR, American Thunder, 409S Stainless Steel



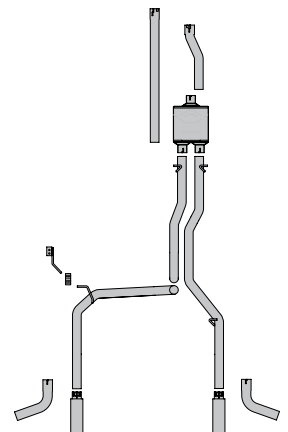
PART # 817663

AMERICAN THUNDER SYSTEM 98-03 FORD, F-150, 1/2TON, 4.6L / 5.4L, V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Aggressive
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	RWD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
409S Stainless Steel	40 Series	3.50	Dual Rear/Side Exit

DESCRIPTION

98-03 Ford, F-150, 1/2Ton, 4.6L / 5.4L, V8, 2/4 Wheel Drive, All Wheelbases, 2.50" Outlets, Super 40 Series Muffler, 3.50" Stainless Tips, American Thunder, DOR/S, 16 Gauge Mandrel Bent Tubing, 409S Stainless Steel.



SYSTEM DESCRIPTIONS

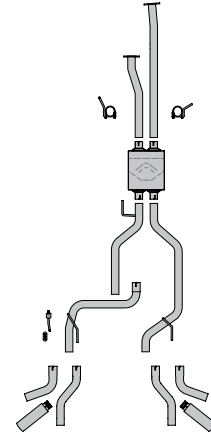
PART # 817664

AMERICAN THUNDER SYSTEM 10-14 TOYOTA TUNDRA, 5.7L, 4.6L, V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Aggressive
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	RWD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
409S Stainless Steel	40 Series	3.50	Dual Rear/Side Exit

DESCRIPTION

10-14 Toyota Tundra, 5.7L, 4.6L, V8, 40 Series Big Block muffler, 3.5" Stainless Steel Tips, American Thunder, DOR/S, Mandrel Bent, 2.5" 16 Ga Tubing, 409S Stainless Steel. (Will not fit regular cab/short bed or the double cab/long bed).



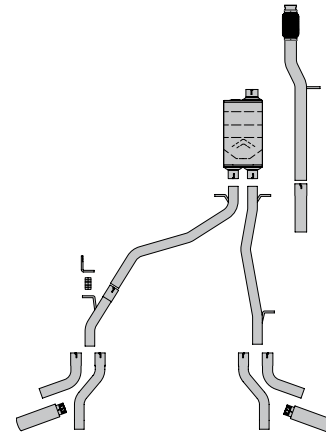
PART # 817666

FORCE II SYSTEM 2014 CHEVY SILVERADO/GMC SIERRA 1500, 1/2 TON, 4.3L/5.3L, V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	2.50	Cat-back System	Moderate
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Force II	None	RWD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
409S Stainless Steel	Super 50 Series	3.50	Dual Rear/Side Exit

DESCRIPTION

2014 Chevy Silverado / GMC Sierra, 1500, 1/2 Ton, 4.3L/5.3L, V8, All Crew Cab, 2/4 Wheel Drive, Super 50 Series Muffler, 16 G. Mandrel Bent Tubing, 3.50" Logo Embossed Stainless Tips, Force II, DOR/S, 409S Stainless Steel.



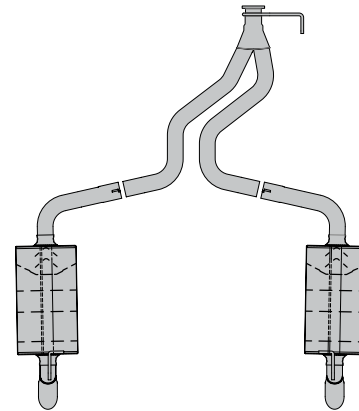
PART # 817667

FORCE II SYSTEM 80-81 CHEVROLET CORVETTE, 5.7L, V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Moderate/Aggressive
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Force II	None	RWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	60 Series	3.00	Dual Rear Exit

DESCRIPTION

80-81 Chevy Corvette, 5.7L, V8, Cat-back, 60 Series Delta Flow Mufflers, Mandrel Bent 2.50" 16 Gauge Tubing, 3.0in. Polished 304 Stainless Tips, DOR, Force II, 409S Stainless, Can Use W/Converter #2010036 & Man. Pipe #81088.



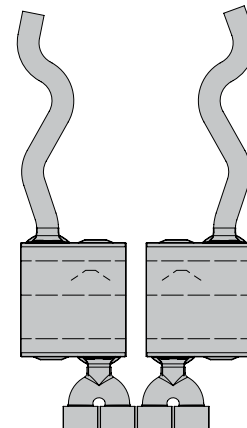
PART # 817668

AMERICAN THUNDER SYSTEM 2014 CHEVROLET CORVETTE STINGRAY, 6.2L, V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	2.50	Axle-back System	Moderate
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	American Thunder	None	RWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	60 Series	4.00	Dual Rear Exit

DESCRIPTION

2014 Chevy Corvette Stingray, 6.2L, V8, Axle-back, 60 Series Mufflers, Mandrel Bent 3.0in. 16 Gauge Tubing, Quad 4.0in. Polished Stainless Tips, DOR, American Thunder, 409S Stainless Steel, Not Intended For Vehicles Equipped With Bi-Mode Exhaust Option.



SYSTEM DESCRIPTIONS

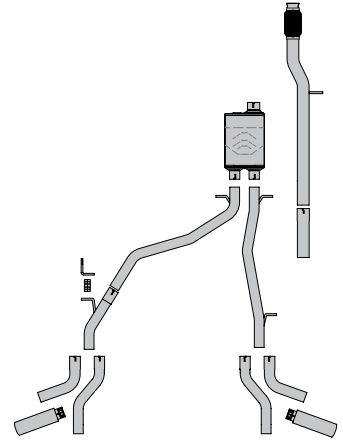
PART # 817669

AMERICAN THUNDER SYSTEM 2014 CHEVROLET SILVERADO/GMC SIERRA, 1500, 4.3L/5.3L, V6/V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	2.50	Cat-back System	Moderate/Aggressive
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	RWD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
409S Stainless Steel	Super 40 Series	3.50	Dual Rear/Side Exit

DESCRIPTION

2014 Chevy Silverado / GMC Sierra, 1500, 1/2 Ton, 4.3L/5.3L, V6, V8, All Crew Cab and Double Cab, 2/4 Wheel Drive, Super 40 Series Muffler, 16 G. Mandrel Bent Tubing, 3.50" Logo Embossed Stainless Tips, American Thunder, DOR/S, 409S Stainless Steel.



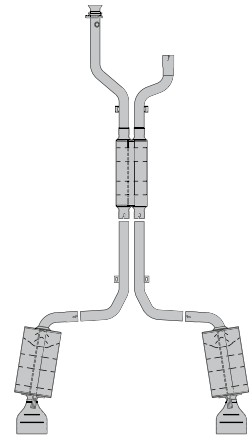
PART # 817670

FORCE II SYSTEM 92-96 CHEVROLET CORVETTE, 5.7L, 2 VALVE, V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Moderate
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Force II	None	RWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	60 Series	7.75" W x 2.00" H	Dual Rear Exit

DESCRIPTION

92-96 Chevy Corvette, 5.7L, 2 Valve, V8, Cat-back, 60 Series Mufflers, Tuned Resonator, Mandrel Bent 2.50" 16 Gauge Tubing, Rectangular Polished 304 Stainless Tips, DOR, Force II, 409S Stainless.



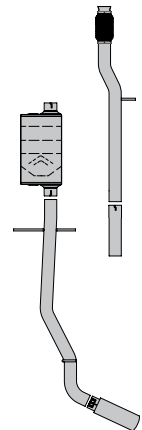
PART # 817672

FORCE II SYSTEM 2014 CHEVROLET SILVERADO/GMC SIERRA 1500, 4.3L/5.3L, V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back System	Mild/Moderate
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Force II	None	RWD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
409S Stainless Steel	Super 50 Series	4.00	Single Side Exit

DESCRIPTION

2014 Chevy Silverado / GMC Sierra, 1500, 1/2 Ton, 4.3L/5.3L, V8, All Crew Cab and Double Cab, 2/4 Wheel Drive, Super 50 Series Muffler, 16 G. Mandrel Bent 3.0" Tubing, 4.0" Logo Embossed Stainless Tip, Force II, SOS, 409S Stainless Steel.



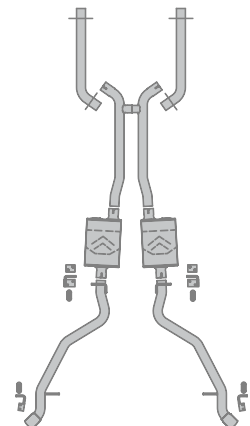
PART # 817673

AMERICAN THUNDER SYSTEM 62-67 CHEVROLET, CHEVY II/NOVA, V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Crossmember-back	Moderate/Aggressive
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	RWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 44 Series	3.00	Dual Side Exit

DESCRIPTION

62-67 Chevrolet, Chevy II/Nova, V8, All 2.50" Mandrel Bent Tubing From Trans X-Member Back, Incl. H-Pipe, Hardware, Polished 304 Stainless Tips, Super 44 Series Mufflers, American Thunder, DOS, 16 Gauge 409S Stainless Steel.



SYSTEM DESCRIPTIONS

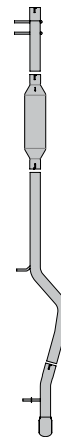
PART # 817674

AMERICAN THUNDER SYSTEM 07-15 JEEP WRANGLER, 3.6L, 3.8L, V6

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Moderate
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	RWD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
409S Stainless Steel	Super HP-2	3.00	Single Rear Exit

DESCRIPTION

07-15 Jeep Wrangler, 3.6L, 3.8L, V6, 2/4 Wheel Drive, 2/4 Door, Super HP-2 Muffler, 2.50" Mandrel Bent Tubing, 3.00" Polished Stainless Steel Tip, SOR, American Thunder, Cat Back, 409S Stainless Steel, Muffler Relocate System



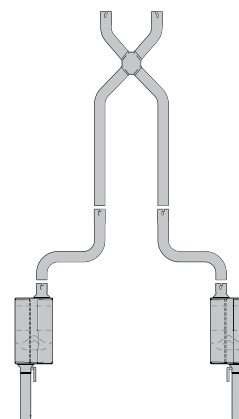
PART # 817675

FORCE II SYSTEM 63-67 CHEVROLET CORVETTE, 327, SMALL BLOCK

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.25	2.25	Crossmember-back	Moderate
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.25	Force II	None	RWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	50 Series Delta Flow	2.25	Dual Rear Exit

DESCRIPTION

63-67 Chevy Corvette, 327, Small Block, X Member-back, 50 Series Delta Flow Mufflers, Mandrel Bent 2.25" 16G Tubing, 2.25in. Polished 304 Stainless Tips, DOR, Force II, 409S Stainless. Can be used with manifold downpipes 81094 (Manual trans) or 81096 (Auto trans)



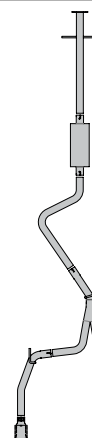
PART # 817677

DBX SYSTEM 13-15 DODGE DART, ALL MODELS EXCEPT GT, 2.0L & 1.4L TURBO

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.25	N/A	Cat-back System	Mild
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.25	dBX	None	FWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
409S Stainless Steel	N/A	3.25 x 3.75	Dual Rear Exit

DESCRIPTION

13-15 Dodge Dart, All Models Except GT, 2.0L & 1.4L Turbo, Cat-Back, 304S dBX Muffler, 2.25" 409S Mandrel Bent Tubing, Stainless Steel Polished Oval Tips, DOR, dBX, 409S Stainless Steel



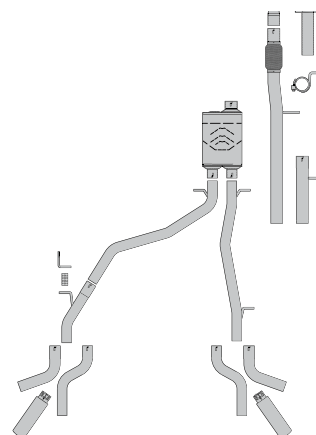
PART # 817680

AMERICAN THUNDER SYSTEM 09-13 CHEVROLET SILVERADO/GMC SIERRA 1500, 5.3L V8 07-08 CHEVROLET SILVERADO/GMC SIERRA 1500, 4.8L OR 5.3L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	2.50	Cat-back System	Moderate/Aggressive
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	No	RWD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 40 Series	3.50	DOR/S

DESCRIPTION

07-13 Chevrolet Silverado / GMC Sierra, 1/2 Ton, 5.3L W/Flex Fuel, 4.8L (07-08 Only), Extra Cab and Crew Cab Only, 2/4 Wheel Drive, Cat-back, 2.50" Tailpipes, Super 40 Series Muffler, 3.50" Logo Embossed Stainless Tips, American Thunder, Includes Extensions for DOR and DOS in Kit, Mandrel Bent Tubing, 409S Stainless Steel.



SYSTEM DESCRIPTIONS

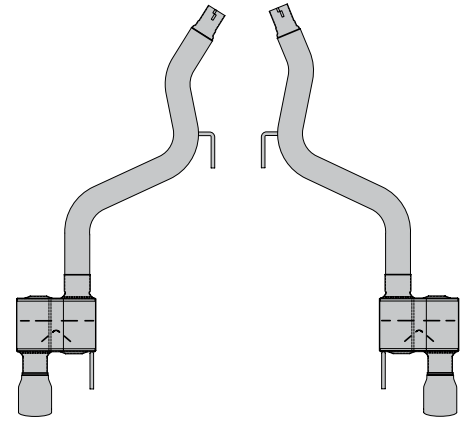
PART # 817681

AMERICAN THUNDER 2015 MUSTANG, 2.3L ECOBOOST, 3.7L V6

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Axle-back System	Moderate
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	American Thunder	No	None
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 10 Series	4.00	DOR

DESCRIPTION

2015 Ford Mustang Base Model, 2.3L EcoBoost, 3.7L, L4, V6, Fastback/Hardtop Only, Axle-back, 3.00" Mandrel Bent Tubing, Dual System, Super 10 Series Mufflers, 4.00" Polished Tips, American Thunder, DOR, 409S Stainless Steel.



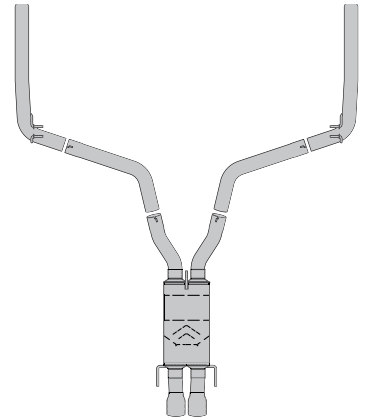
PART # 817683

AMERICAN THUNDER 96-02 DODGE VIPER GTS, 8.0L V10

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back System	Aggressive
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	American Thunder	No	None
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	50 Series HD	4.00	DOR

DESCRIPTION

96-02, Dodge, Viper, GTS, 8.0L, V10, Rear Exit Exhaust, Cat-back, 50 Series HD Muffler, Mandrel Bent 3in. 16 Gauge Tubing, 4.0in. Polished Stainless Tips, DOR, American Thunder, 409S Stainless Steel.



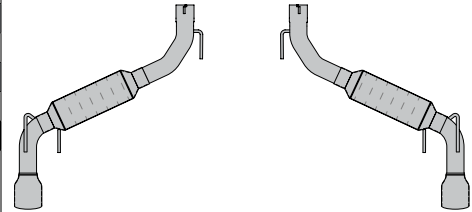
PART # 817686

OUTLAW SYSTEM 14-15 CHEVROLET CAMARO SS, 6.2L, V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Axle-back System	Aggressive
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Outlaw	None	RWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
409S Stainless Steel	Outlaw Series	3.00	Dual Rear Exit

DESCRIPTION

14-15 Chevy Camaro SS, 6.2L, V8, Coupe, Convertible, Axle-Back, Outlaw Mufflers, Mandrel Bent 2.5in. 16G Tubing, 4in. Polished Stainless Tips, DOR, Outlaw, 409S Stainless Steel (Does NOT fit models equipped with "Dual Mode Exhaust")



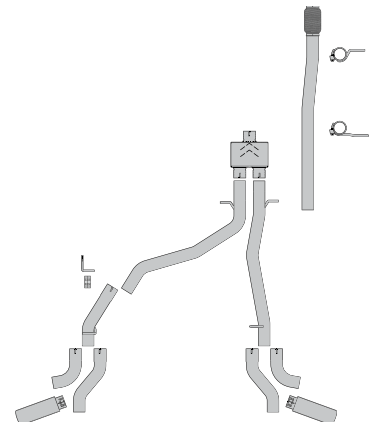
PART # 817688

OUTLAW SYSTEM 09-13 CHEVROLET SILVERADO/GMC SIERRA 1500 5.3L V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back System	Aggressive
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Outlaw	No	RWD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 10 Series	4.00	DOR/S

DESCRIPTION

09-13 Chevrolet Silverado / GMC Sierra 1500, 1/2 Ton, 5.3L, V8, All Crew Cab and Double Cab, 2/4 Wheel Drive, Super 10 Muffler, 16G Mandrel Bent Tubing, Dual 3" Tailpipes, 4" Logo Embossed Black Tips, Outlaw, DOR/S, 409S Stainless Steel.



SYSTEM DESCRIPTIONS

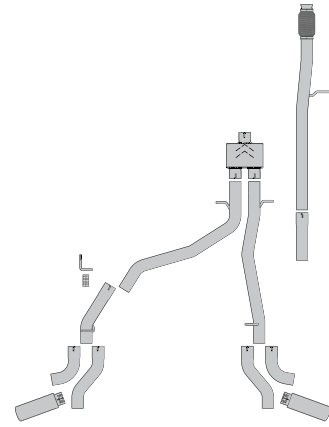
PART # 817689

OUTLAW SYSTEM 14-15 CHEVROLET SILVERADO/GMC SIERRA 1500 5.3L V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back System	Aggressive
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Outlaw	No	None
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 10 Series	4.00	DOR/S

DESCRIPTION

14-15 Chevrolet Silverado / GMC Sierra, 1500, 1/2 Ton, 5.3L, V8, Crew Cab and Double Cab, 2/4 Wheel Drive, (Except Crew Cab 2WD with 2 Pc Driveshaft), Super 10 Muffler, 16G Mandrel Bent Tubing, Dual 3" Tailpipes, 4" Logo Embossed Black Tips, Outlaw, DOR/S, 409S Stainless Steel.



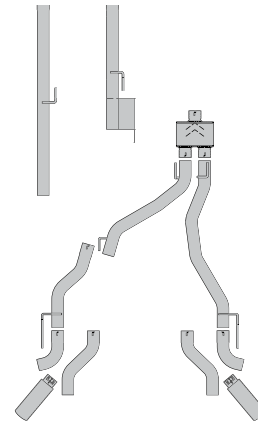
PART # 817690

OUTLAW SYSTEM 09-15 DODGE RAM 1500 4.7L/ 5.7L V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back System	Aggressive
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Outlaw	No	RWD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 10 Series	4.00	DOR/S

DESCRIPTION

09-15 Dodge Ram 1500, 4.7L / 5.7L, V8, Cat-back, Std Cab/8' Bed, Crew Cab/5'7" Bed, Quad Cab/6'4" Bed, 2/4 Wheel Drive, Super 10 Muffler, 16G Mandrel Bent Tubing, Dual 3" Tailpipes, 4" Logo Embossed Black Tips, Outlaw, DOR/S, 409S Stainless Steel.



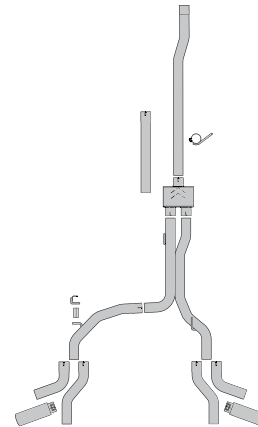
PART # 817691

OUTLAW SYSTEM 09-14 FORD F-150 4.6L, 5.0L, 5.4L V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back System	Aggressive
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Outlaw	No	None
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 10 Series	4.00	DOR/S

DESCRIPTION

09-14 Ford F-150, 4.6L, 5.0L, 5.4L, V8, Cat-back, All Wheel Bases, 2/4 Wheel Drive, Super 10 Muffler, 16G Mandrel Bent Tubing, Dual 3" Tailpipes, 4" Logo Embossed Black Tips, Outlaw, DOR/S, 409S Stainless Steel.



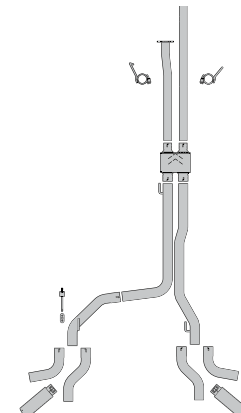
PART # 817692

OUTLAW SYSTEM 09-15 TOYOTA TUNDRA, 4.6L, 5.6L V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	3.00	Cat-back System	Aggressive
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Outlaw	No	None
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 10 Series	4.00	DOR/S

DESCRIPTION

09-15 Toyota Tundra, 5.7L, 4.6L, V8, 145" WB, Super 10 Muffler, 16G Mandrel Bent Tubing, Dual 3" Tailpipes, 4" Logo Embossed Black Tips, Outlaw, DOR/S, 409S Stainless Steel. Note. Will not fit regular cab/short bed or double cab/long bed. Only fits 2009 models built AFTER 08/2008.



SYSTEM DESCRIPTIONS

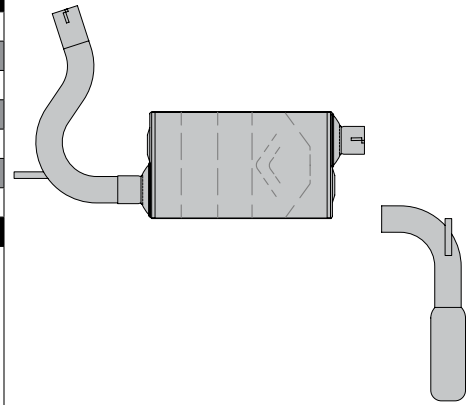
PART # 817693

FORCE II SYSTEM 12-15 JEEP WRANGLER, 3.6L, V-6

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Axle-back System	Mild/Moderate
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Force II	None	RWD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
409S Stainless Steel	Super 50 Series	3.00	Single Rear Exit

DESCRIPTION

12-15 Jeep Wrangler, 3.6L, V-6, 2/4 Wheel Drive, 2/4 Door, Super 50-Series Muffler, 2.50" Mandrel Bent Tubing, 3.00" Polished Stainless Steel Tip, Force II, SOR, 409S Stainless Steel



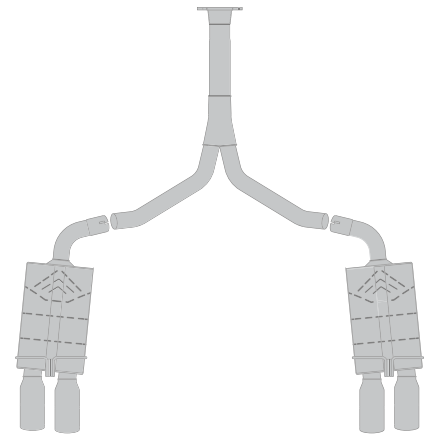
PART # 817694

FORCE II SYSTEM 84-85 CHEVROLET CORVETTE, 5.7L, V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.25	2.50	Cat-back System	Mild/Moderate
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.25	Force II	None	RWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	60 Series	2.25	Dual Rear Exit

DESCRIPTION

84-85 Chevy Corvette, 5.7L, V8, Cat-back, 60 Series Mufflers, Mandrel Bent 3.00"/2.25" 16 Gauge Tubing, Quad 3.5in. Polished 304 Stainless Tips, DOR, Force II, 409S Stainless, Can Use W/ Converter # 2010035 & Man. Pipe # 81092.



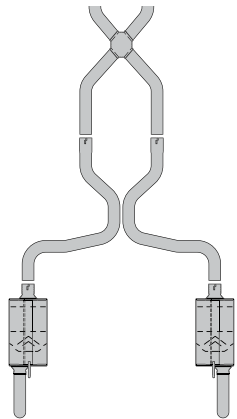
PART # 817695

FORCE II SYSTEM 68-69 CHEVROLET CORVETTE STINGRAY, 427 BIG BLOCK

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Crossmember-back	Moderate
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Force II	No	RWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	50 Series Delta Flow	2.50	DOR

DESCRIPTION

68-69 Chevy Corvette, 427 Big Block, X Member-back, 50 Series Delta Flow Mufflers, Mandrel Bent 2.50" 16G Tubing, 2.50in. Polished 304 Stainless Tips, DOR, Force II, 409S Stainless. (Can also be used for High HP small block applications)



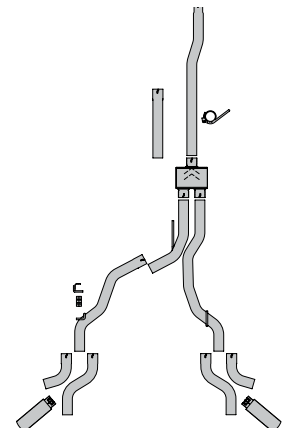
PART # 817696

OUTLAW SYSTEM 04-08 FORD F-150 V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back System	Aggressive
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Outlaw	No	RWD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 10 Series	4.00	DOR/S

DESCRIPTION

04-08 Ford F-150, 4.6L, 5.4L, V8, Cat-back, All Wheel Bases, 2/4 Wheel Drive, Super 10 Muffler, 16G Mandrel Bent Tubing, Dual 3" Tailpipes, 4" Logo Embossed Black Tips, Outlaw, DOR/S, 409S Stainless Steel.



SYSTEM DESCRIPTIONS

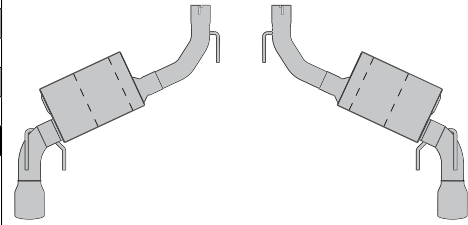
PART # 817697

FORCE II SYSTEM 2014 CHEVROLET CAMARO SS, 6.2L, V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	3.00	Axle-back System	Mild
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Force II	None	RWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	N/A	4.00	Dual Rear Exit

DESCRIPTION

2014 Chevrolet Camaro SS, 6.2L, V8, Coupe, Convertible, Axle-Back, Tuned Mufflers, Mandrel Bent 3in. 16 Ga Tubing, 4in. Polished Stainless Steel Tips, DOR, Force II, 409S Stainless Steel (Does NOT fit models with "Dual Mode Exhaust")



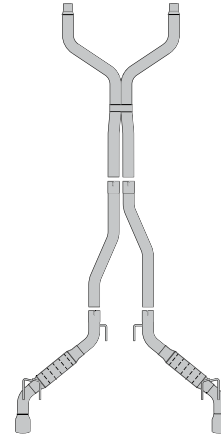
PART # 817698

OUTLAW SYSTEM 14-15 CHEVROLET CAMARO SS, 6.2L, V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back System	Aggressive
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Outlaw	None	RWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Outlaw Series	4.00	Dual Rear Exit

DESCRIPTION

14-15 Chevy Camaro SS, 6.2L, V8, Coupe, 3.00" Mandrel Bent Tubing, Outlaw Mufflers, Scavenger X-Pipe, 4.00" Logo Embossed Tips, Outlaw, DOR, 409S Stainless Steel, (Will Not Fit Convertible or Optional "Dual Mode Exhaust").



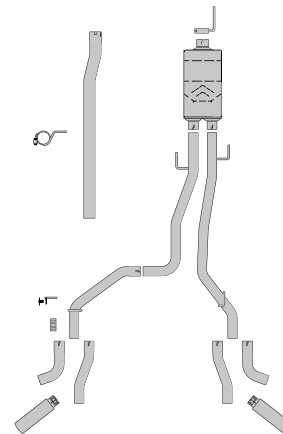
PART # 817699

AMERICAN THUNDER SYSTEM 2014 DODGE RAM 2500, 5.7L, V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	2.50	Cat-back System	Moderate
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	None	RWD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	50 Series Heavy Duty	3.50	Dual Rear/Side Exit

DESCRIPTION

2014 Dodge Ram 2500, 5.7L, V8, Gasoline, Crew Cab Models, With Coil Spring Rear Suspension, Cat-back, 50 Series HD Muffler, Mandrel Bent 2.5in. 16 Gauge Tubing, 3.5in. Polished Stainless Steel Tips, DOR/S, American Thunder, 409S Stainless Steel. Does NOT fit with Air Bag Suspension



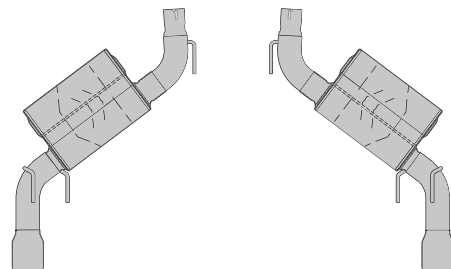
PART # 817700

AMERICAN THUNDER SYSTEM 14-15 CHEVROLET CAMARO SS, 6.2L, V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Axle-back System	Aggressive
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	American Thunder	None	RWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 44 Series	4.00	Dual Rear Exit

DESCRIPTION

14-15 Chevy Camaro SS, 6.2L, V8, Coupe, Axle-Back, Super 44 Mufflers, Mandrel Bent 3.0in. 16g Tubing, 4in. Polished Stainless Tips, DOR, American Thunder, 409S Stainless Steel (Does NOT fit Convertible or models equipped with "Dual Mode Exhaust")



SYSTEM DESCRIPTIONS

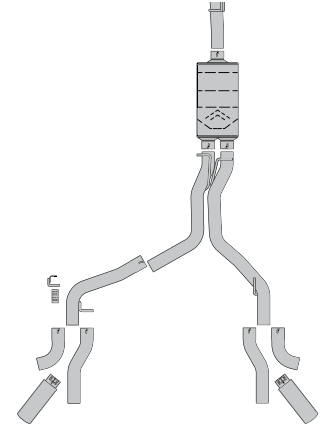
PART # 817701

FORCE II SYSTEM 14-15 FORD F-250/F-350 SUPER DUTY 6.2L V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back System	Mild/Moderate Sound
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Force II	No	RWD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	50 Series HD	4.00	DOR/S

DESCRIPTION

14-15 Ford F-250/F-350 Super Duty, 6.2L, V8, All WB, Cat-Back, 50 Series HD Muffler, Mandrel Bent 3in. 16 Gauge Tubing, 4.0in. Polished 304 Stainless Steel Tips, DOR/S, Force II, 409S Stainless Steel.



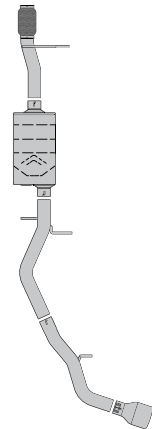
PART # 817704

FORCE II SYSTEM 2015 CHEVROLET TAHOE/GMC YUKON 5.3L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back System	Mild/Moderate Sound
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Force II	No	RWD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 50 Series	5.5 W x 3.5 H	SOS

DESCRIPTION

2015 Chevrolet Tahoe / GMC Yukon, 5.3L, Cat-back, Super 50 Series Muffler, Mandrel Bent 3.0" 16 Gauge Tubing, 5.5"W x 3.5"H Oval Polished 304S W/Embossed Logo Tip, SOS, Force II, 409S Stainless Steel.



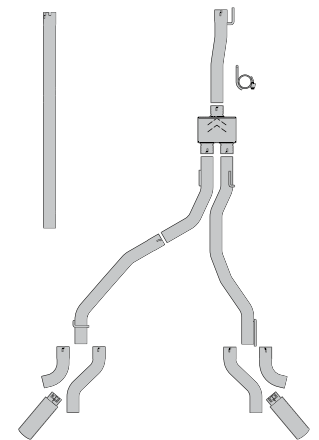
PART # 817705

OUTLAW SYSTEM 06-08 DODGE RAM 1500 5.7L V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back System	Aggressive
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Outlaw	No	RWD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 10 Series	4.00	DOR/S

DESCRIPTION

06-08 Dodge Ram 1500, 5.7L, V8, Cat-Back, Std Cab/6' Bed, Std Cab/8' Bed, Crew Cab/6' Bed, Not Mega Cab, 2/4 Wheel Drive, Super 10 Muffler, 16G Mandrel Bent Tubing, Dual 3" Tailpipes, 4" Logo Embossed Black Tips, Outlaw, DOR/S, 409S Stainless Steel.



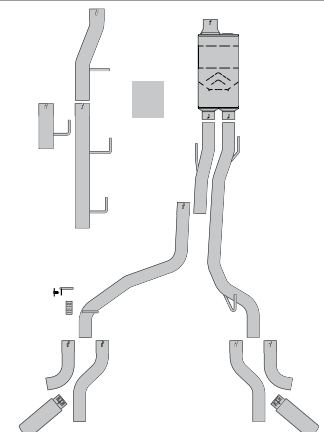
PART # 817709

AMERICAN THUNDER SYSTEM 2014 DODGE RAM 2500 6.4L V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back System	Moderate
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	American Thunder	No	RWD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	50 Series HD	4.00	DOR/S

DESCRIPTION

2014 Dodge Ram 2500, 6.4L, V8, Gasoline, With Coil Spring Rear Suspension, Crew Cab/6.5' bed, Crew Cab/8' Bed, Cat-back, 50 Series HD Muffler, Mandrel Bent 3.0in. 16 Gauge Tubing, 4.0in. Polished Stainless Steel Tips, DOR/S, American Thunder, 409S Stainless Steel.



SYSTEM DESCRIPTIONS

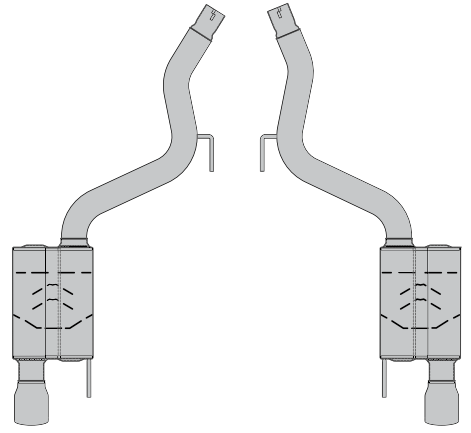
PART # 817710

AMERICAN THUNDER SYSTEM 2015 FORD MUSTANG GT 5.0L V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	3.00	Axle-back System	Moderate/Aggressive
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	American Thunder	No	None
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 44	4.00	DOR

DESCRIPTION

2015 Ford Mustang GT, 5.0L, V8, Axle-back, 3.00" Mandrel Bent Tubing, Dual System, Super 44 Series Mufflers, 4.00" Polished Tips, American Thunder, DOR, 409S Stainless Steel



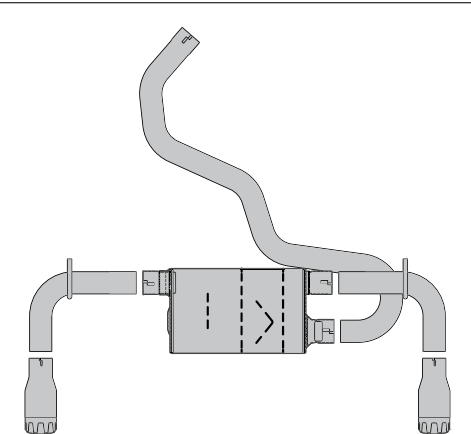
PART # 817711

FORCE II SYSTEM 2014 JEEP CHEROKEE, 3.2L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Axle-back System	Moderate
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Force II	No	RWD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	80 Series	4.00	DOR

DESCRIPTION

2014 Jeep, Cherokee, 3.2L, Axle-back, 80 Series Muffler, Mandrel Bent 2.5" 16 Gauge Tubing, Dual Tailpipes, 3.5" Stainless Tips with CNC Aluminum Ends, DOR, Force II, 409S Stainless Steel.



PART # 817712

FORCE II SYSTEM 13-14 DODGE RAM 2500/3500, 6.7L DIESEL

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
None	None	DPF-back	Mild/Moderate Sound
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
4.00	Force II	No	RWD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	None	5.00	SOS

DESCRIPTION

13-14 Dodge Ram 2500/3500, 6.7L Cummins Diesel, 2/4 Wheel Drive, Crew Cab Short Bed Only, DPF-back, No Muffler, Mandrel Bent 4in. 16 Gauge Tubing, 5in. Polished 304S W/Embossed Logo Tip, SOS, Force II, 409S Stainless Steel



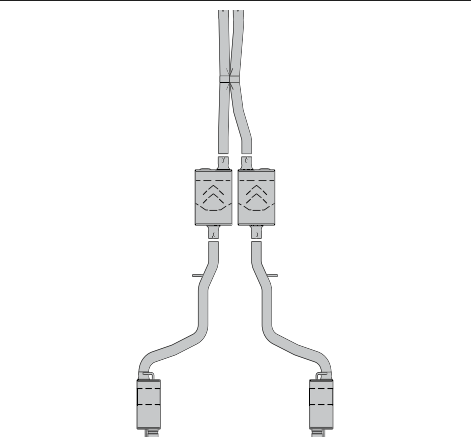
PART # 817715

FORCE II SYSTEM 2015 DODGE CHALLENGER R/T, 5.7L V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Mild/Moderate
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Force II	No	RWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 44	None	DOR

DESCRIPTION

2015 Dodge Challenger, R/T, 5.7L, V8, Cat-back, Super 44 Series Mufflers, Tailpipe Resonators, Mandrel Bent 2.5" 16 Gauge Tubing, Dual Tailpipes, Scavenger X-Pipe, Uses Factory Tips, Force II, DOR, 409 Stainless Steel.



SYSTEM DESCRIPTIONS

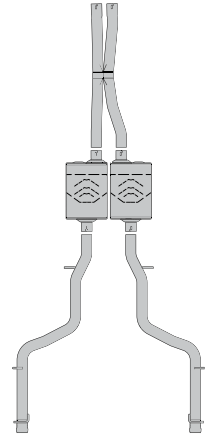
PART# 817716

AMERICAN THUNDER SYSTEM 2015 DODGE CHALLENGER R/T, 5.7L V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Moderate/Aggressive
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	No	RWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 40 Series	None	DOR

DESCRIPTION

2015 Dodge Challenger, R/T, 5.7L, V8, Cat-back, Super 40 Series Mufflers, Mandrel Bent 2.5" 16 Gauge Tubing, Dual Tailpipes, Scavenger X-Pipe, Uses Factory Tips, American Thunder, DOR, 409 Stainless Steel.



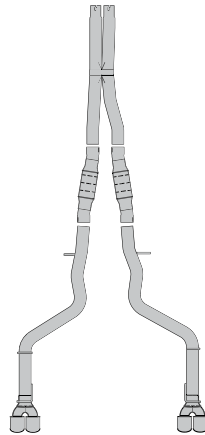
PART# 817717

OUTLAW SYSTEM 2015 DODGE CHALLENGER R/T 5.7L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back System	Aggressive
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Outlaw	No	None
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Outlaw	3.50	DOR

DESCRIPTION

2015 Dodge Challenger R/T, 5.7L, Cat-back, 3.00" Mandrel Bent Tubing, Outlaw Series Mufflers, Scavenger X-Pipe, 3.50" Quad Polished 304S W/Embossed Logo Tips, Outlaw, DOR, 409S Stainless Steel.



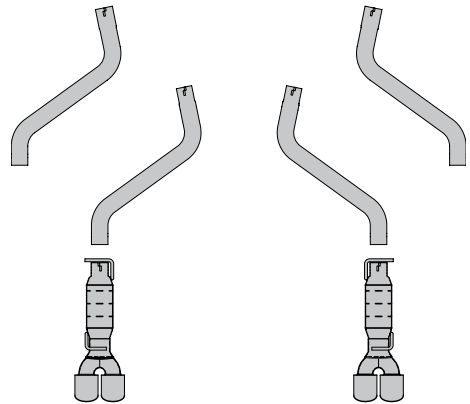
PART# 817718

OUTLAW SYSTEM 2015 DODGE CHALLENGER R/T 5.7L V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	3.00	Axle-back System	Aggressive
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Outlaw	No	None
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Outlaw	3.50	DOR

DESCRIPTION

2015 Dodge Challenger, R/T, 5.7L, V8, Axle-back, Outlaw Mufflers, Mandrel Bent 2.5in. 16g Tubing, 3.50" Quad Polished 304S W/Embossed Logo Tips, DOR, Outlaw, 409S Stainless Steel.



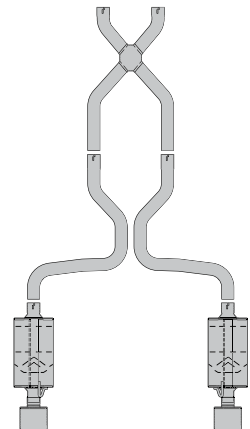
PART # 817720

FORCE II SYSTEM 70-73 CHEVROLET CORVETTE STINGRAY, 454, BIG BLOCK

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Crossmember-back	Moderate
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Force II	No	RWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	50 Series Delta Flow	3.00 x 5.50	DOR

DESCRIPTION

70-73 Chevy Corvette, 454, Big Block, X Member-back, 50 Series Delta Flow Mufflers, Mandrel Bent 2.50" 16G Tubing, Rectangle Polished Stainless Tips, DOR, Force II, 409S Stainless. (Can also be used for High HP Small Block Applications)



SYSTEM DESCRIPTIONS

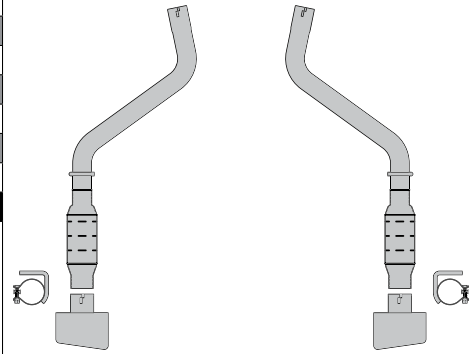
PART # 817721

OUTLAW SYSTEM 09-14 DODGE CHALLENGER R/T, 5.7L V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	3.00	Axle-back System	Aggressive
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Outlaw	No	RWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Outlaw	3.00 x 7.00	DOR

DESCRIPTION

09-14 Dodge Challenger, R/T, 5.7L, V8, Manual Transmission Only, Axle-back, Outlaw Mufflers, Mandrel Bent 2.5in. 16g Tubing, Rectangular Polished 304S W/Embossed Logo Tips, DOR, Outlaw, 409S Stainless Steel.



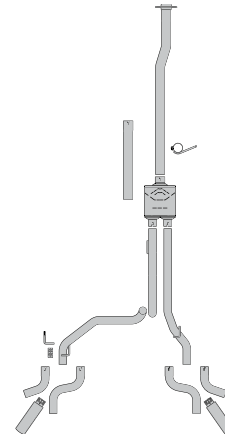
PART # 817725

AMERICAN THUNDER 2015 FORD F-150, 2.7L/3.5L ECOBOOST, 3.5L, 5.0L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	2.50	Cat-back System	Moderate/Aggressive
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	No	None
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 40 Series	3.50	DOR/S

DESCRIPTION

2015 Ford F-150, 2.7L/3.5L EcoBoost, 3.5L TiVCT, 5.0L, 2WD/4WD, All Except Std Cab/Short Bed (122" WB), Cat-back, Super 40 Series Muffler, Mandrel Bent 2.5in. 16 Gauge Tubing, 3in. Polished 304S W/Embossed Logo Tips, DOR/S, American Thunder, 409S Stainless Steel.



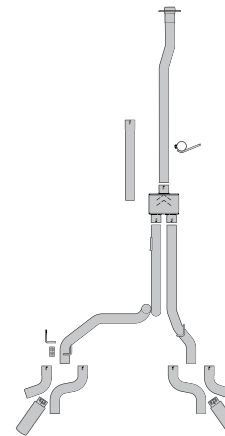
PART # 817726

OUTLAW SYSTEM 2015 FORD F-150, 2.7L/3.5L ECOBOOST, 3.5L V6, 5.0L V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back System	Aggressive
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Outlaw	No	None
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 10 Series	4.00	DOR/S

DESCRIPTION

2015 Ford F-150, 2.7L/3.5L EcoBoost, 3.5L TiVCT V6 or 5.0L V8 Engine, Cat-back, All Except Std Cab/Short Bed, 2/4 Wheel Drive, Super 10 Muffler, 16G Mandrel Bent Tubing, Dual 3" Tailpipes, 4" Logo Embossed Black Tips, Outlaw, DOR/S, 409S Stainless Steel.



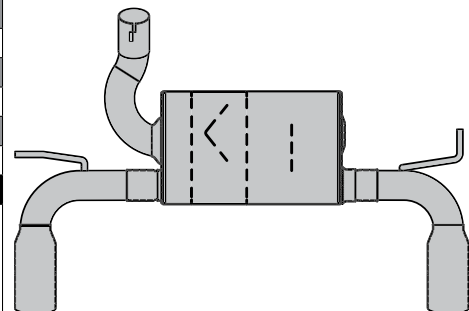
PART # 817729

FORCE II SYSTEM 12-15 JEEP WRANGLER, 3.6L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Axle-back System	Moderate
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Force II	No	RWD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	80 Series	3.50	DOR

DESCRIPTION

12-15 Jeep Wrangler, 3.6L, V-6, 2/4 Wheel Drive, 2/4 Door, 80-Series Muffler, 2.50" Mandrel Bent Tubing, 3.50" Polished Stainless Steel Tips, Force II, DOR, 409S Stainless Steel.



SYSTEM DESCRIPTIONS

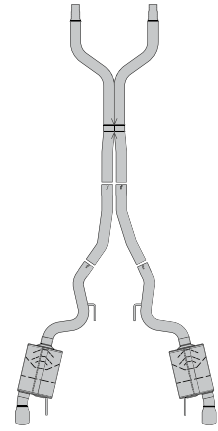
PART# 817730

AMERICAN THUNDER SYSTEM 2015 FORD MUSTANG GT, 5.0L V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back System	Moderate/Aggressive
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	American Thunder	No	RWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	60 Series	4.00	DOR

DESCRIPTION

2015 Ford Mustang GT, 5.0L, V8, Cat-back, 3.00" Mandrel Bent Tubing, Dual System, 60 Series Mufflers, 4.00" Polished Tips, American Thunder, DOR, 409S Stainless Steel.



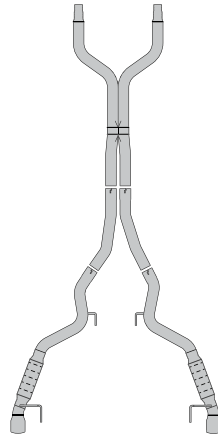
PART# 817734

OUTLAW SYSTEM 2015 FORD MUSTANG GT, 5.0L V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back System	Aggressive
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Outlaw	No	RWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Outlaw	4.00	DOR

DESCRIPTION

2015 Ford Mustang GT, 5.0L, V8, Cat-back, 3.00" Mandrel Bent Tubing, Dual System, Outlaw Series Mufflers, 4.00" Polished Tips, Outlaw, DOR, 409S Stainless Steel.



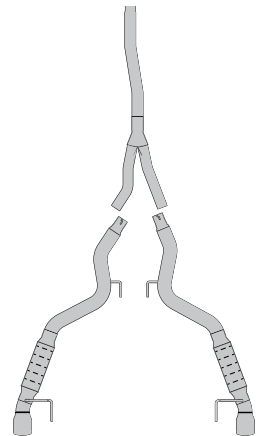
PART# 817735

AMERICAN THUNDER SYSTEM 2015 FORD MUSTANG, 2.3L ECOBOOST

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back System	Moderate/Aggressive
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.5"/3.0"	American Thunder	No	None
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Outlaw	4.00	DOR

DESCRIPTION

2015 Ford Mustang Base Model, 2.3L EcoBoost, L4, Fastback/Hardtop Only, Cat-back, 2.25"/3.00" Mandrel Bent Tubing, Dual System, Outlaw Series Mufflers, 4.00" Polished Tips, American Thunder, DOR, 409S Stainless Steel.



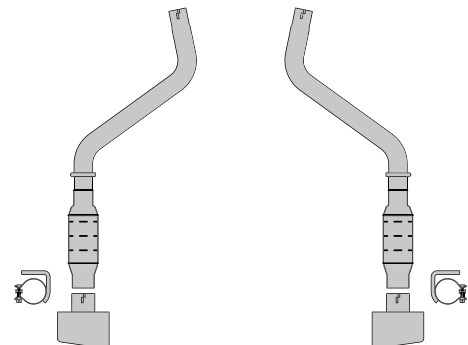
PART# 817736

OUTLAW SYSTEM 09-14 DODGE CHALLENGER R/T, 5.7L V8

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	3.00	Axle-back System	Aggressive
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Outlaw	No	RWD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Outlaw	3.00 x 7.00	DOR

DESCRIPTION

09-14 Dodge Challenger, R/T, 5.7L, V8, Automatic Transmission Only, Axle-back, Outlaw Mufflers, Mandrel Bent 2.5in. 16g Tubing, Rectangular Polished 304S W/Embossed Logo Tips, DOR, Outlaw, 409S Stainless Steel.



SYSTEM DESCRIPTIONS

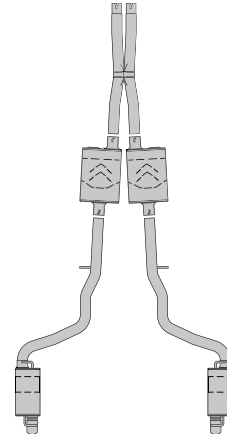
PART # 817737

AMERICAN THUNDER 2015 DODGE CHALLENGER SXT, 3.6L V6

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Moderate
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	No	None
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 44	2.50	DOR

DESCRIPTION

2015 Dodge Challenger SXT, 3.6L, V6, Cat-Back, Super 44 Series Mufflers, Mandrel Bent 2.5in. 16 gauge Tubing, DOR, American Thunder, 409S Stainless Steel.



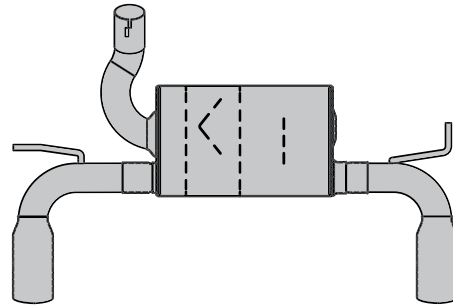
PART # 817738

FORCE II SYSTEM 07-11 JEEP WRANGLER, 3.8L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Axle-back System	Moderate
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	Force II	No	RWD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	80 Series	3.50	DOR

DESCRIPTION

07-11 Jeep Wrangler, 3.8L, V-6, 2/4 Wheel Drive, 2/4 Door, 80-Series Muffler, 2.50" Mandrel Bent Tubing, 3.50" Polished Stainless Steel Tips, Force II, DOR, 409S Stainless Steel.



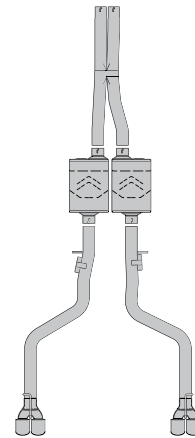
PART # 817739

AMERICAN THUNDER SYSTEM 2015 DODGE CHALLENGER SRT 392 / R/T, 6.4L, SRT HELLCAT, 6.2L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
1.00	3.00	Cat-back System	Moderate/Aggressive
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	American Thunder	No	None
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 40 Series	3.50	DOR

DESCRIPTION

2015 Dodge Challenger, SRT 392, SRT Hellcat, R/T Scat Pack, 6.2L, 6.4L, 3.00" Mandrel Bent Tubing, Super 40 Series Mufflers, Scavenger X-Pipe, Quad 3.5" Dia Polished 304S W/Embossed Logo Tips, American Thunder, DOR, 409S Stainless Steel.



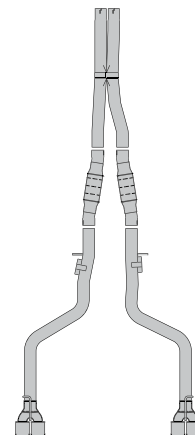
PART # 817740

OUTLAW SYSTEM 2015 DODGE CHALLENGER SRT 392 / R/T, 6.4L, SRT HELLCAT, 6.2L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
1.00	3.00	Cat-back System	Aggressive
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	Outlaw	No	None
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Outlaw	3.50	DOR

DESCRIPTION

2015 Dodge Challenger, SRT 392, SRT Hellcat, R/T Scat Pack, 6.2L, 6.4L, 3.00" Mandrel Bent Tubing, Outlaw Series Mufflers, Scavenger X-Pipe, Quad 3.5" Dia Polished 304S W/Embossed Logo Tips, Outlaw, DOR, 409S Stainless Steel.



SYSTEM DESCRIPTIONS

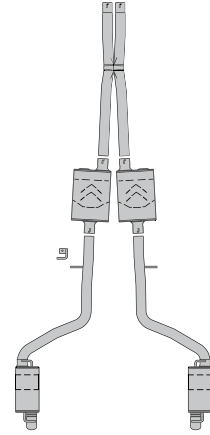
PART# 817741

AMERICAN THUNDER SYSTEM 2015 DODGE CHALLENGER SE/SXT, 3.6L V6

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Cat-back System	Moderate
TUBING DIAMETER	KIT SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	American Thunder	No	None
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Super 44	2.50	DOR

DESCRIPTION

2015 Dodge Charger SE, SXT, 3.6L, V6, Cat-back, Super 44 Series Mufflers, Tailpipe Resonators, Mandrel Bent 2.5in. 16 Gauge Tubing, 2.5in. Brushed 304S Tips, DOR, American Thunder, 409S Stainless Steel.



PART# 819106

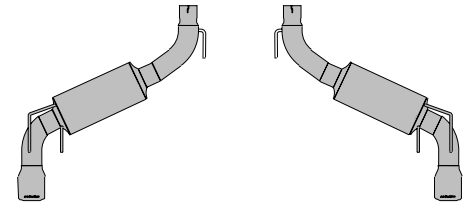
AMERICAN THUNDER SYSTEM 10-13 CHEVROLET CAMARO SS W/O GFX

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Axle-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Pro Series	4.00	Dual Rear Exit

DESCRIPTION

10-13 Chevy Camaro SS, 6.2L V8. 3.00" Mandrel Bent Tubing, Pro Series "Shortie" Mufflers, American Thunder, 4.00" Polished Tips, DOR, 409S Stainless Steel, DOES NOT FIT CARS WITH OPTIONAL GROUND EFFECTS PACKAGE.

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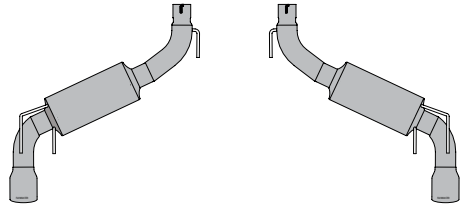
PART# 819107

AMERICAN THUNDER SYSTEM 10-13 CHEVROLET CAMARO SS W/GFX

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	3.00	Axle-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Pro Series	4.00	Dual Rear Exit

DESCRIPTION

10-13 Chevy Camaro SS, 6.2L V8. 3.00" Mandrel Bent Tubing, Pro Series "Shortie" Mufflers, American Thunder, 4.00" Polished Tips, DOR, 409S Stainless Steel, ONLY FITS CARS WITH OPTIONAL GROUND EFFECTS PACKAGE.



PART# 819108

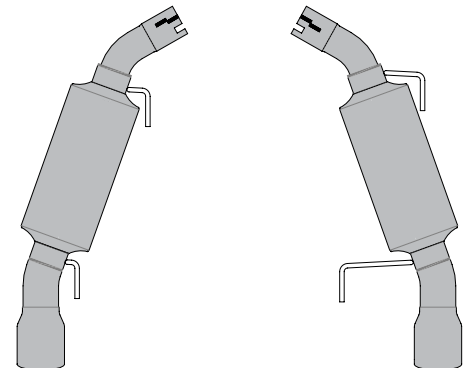
AMERICAN THUNDER SYSTEM 05-10 FORD MUSTANG GT/GT500 4.6/5.4L 409S

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	3.00	Axle-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Pro Series	4.00	Dual Rear Exit

DESCRIPTION

05-10 Ford Mustang GT/GT500/California Special/Cnvtbl, 4.6L/5.4L V8. 2.50" Mandrel Bent Tubing, Pro Series "Shortie" Mufflers, American Thunder, 4.00" Polished Tips, DOR, 409S Stainless Steel.

DISCONTINUED



SYSTEM DESCRIPTIONS

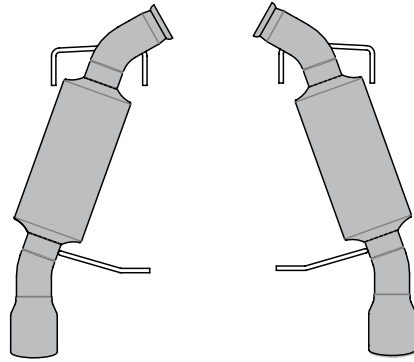
PART # 819109

AMERICAN THUNDER SYSTEM 11-12 FORD MUSTANG GT 5.0/5.4L 409S

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Axle-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Pro Series	4.00	Dual Rear Exit

DESCRIPTION

11-12 Ford Mustang GT, 5.0L/5.4L V8. 3.00" Mandrel Bent Tubing, Pro Series "Shortie" Mufflers, American Thunder, 4.00" Polished Tips, DOR, 409S Stainless Steel.

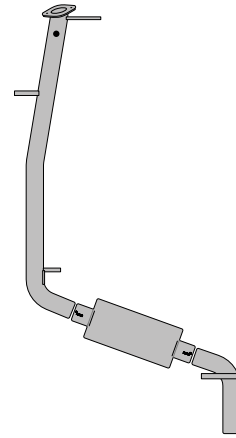


PART # 819110

DBX 90-97 MAZDA MIATA 1.6L/1.8L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.25	2.25	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.25	dBX Series	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	dBX Series	2.25	Single Rear Exit

90-97 Mazda Miata 1.6L/1.8L, 2.25" Mandrel Bent Tubing, 304S Stainless Steel dBX Muffler, SOR, 409S Stainless Steel Tubing.



PART # 819112

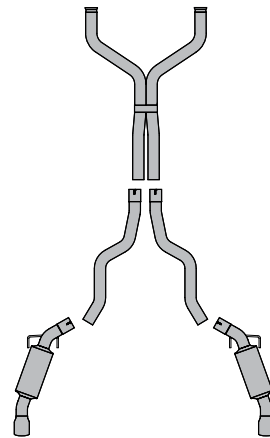
AMERICAN THUNDER SYSTEM 11-12 FORD MUSTANG GT

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back System	Aggressive
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	American Thunder	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	Pro Series	4.00	Dual Rear Exit

DESCRIPTION

11-12 Ford Mustang GT/Cnvtbl. 5.0L, 3.00" Mandrel Bent Tubing, Scavenger X-Pipe, Pro Series Mufflers, American Thunder, 4.00" Polished Tips, DOR, 409S Stainless Steel.

DISCONTINUED



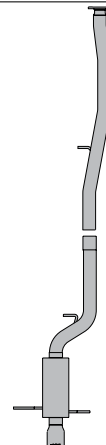
PART # 819114

DBX SYSTEM 02-07 SUBARU WRX

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
3.00	3.00	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	dBX Series	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	dBX Series	4.00	Single Rear Exit

DESCRIPTION

02-07 Subaru Impreza WRX, 2.0L / 2.5L, Cat Back, 3.00" 409S Mandrel Bent Tubing, 304S dBX Muffler, Laser Engraved Logo 4.00" Polished Stainless Steel Tip, SOR.



SYSTEM DESCRIPTIONS

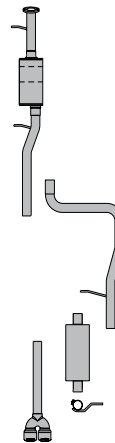
PART # 819115

DBX SYSTEM 11-13 FORD FIESTA

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.25	2.25	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.25	dBX Series	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless steel	dBX Series	3.50	Single Rear Exit

DESCRIPTION

11-13 Ford Fiesta, 1.6L Duratec Engine, Cat-Back, 2.25" 409S Mandrel Bent Tubing, Tuned Resonator, 304S dBX Muffler, Logo Embossed Polished Stainless Steel 3.50" Tip, SOR.



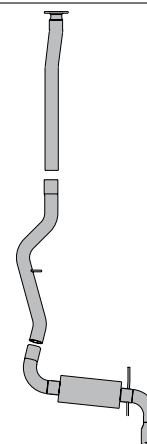
PART # 819116

DBX SYSTEM 08-10 SUBARU WRX 5DR

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	3.00	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	dBX Series	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless steel	dBX Series	4.00	Single Rear Exit

DESCRIPTION

08-10 Subaru Impreza WRX 4dr wagon, 2.5L Turbo, Cat-Back, 3.00" 409S Mandrel Bent Tubing, 304S dBX Muffler, 4.00" Polished Stainless Steel Laser Engraved Tip, SOR.



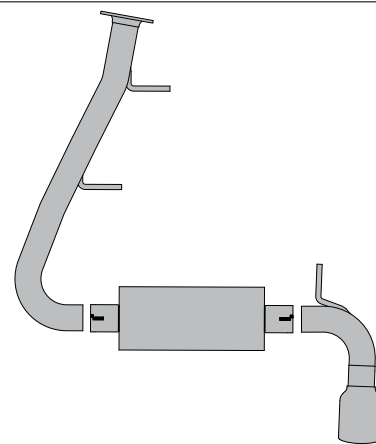
PART # 819122

DBX SYSTEM 05-10 SCION TC, 2.4L

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	2.50	Axle-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
2.50	dBX Series	None	2WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless steel	dBX Series	4.00	Single Rear Exit

DESCRIPTION

05-10 Scion TC, 2.4L, Axle-Back, dBX Muffler, Mandrel Bent 2.5in. 16 gauge Tubing, 4in. Polished T304 Stainless Steel Logo Embossed Tip, SOR, dBX, 409S Stainless Steel.



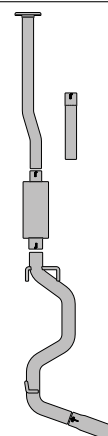
PART# 819144

DBX SYSTEM 05-12 TOYOTA TACOMA, 4.0L, V6

INLET DIAMETER	OUTLET DIAMETER	SYSTEM TYPE	TONE LEVEL
2.50	3.00	Cat-back System	Moderate
TUBING DIAMETER	SYSTEM SERIES	HEATSHIELD	DRIVE TYPE (2/4WD)
3.00	dBX Series	None	2WD/4WD
MATERIAL	MUFFLER SERIES	TIP DIAMETER	EXIT POSITION
Stainless Steel	dBX Series	3.50	Single Side Exit

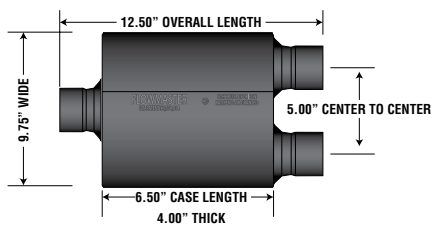
DESCRIPTION

05-12 Toyota Tacoma, 4.0L, V6, All WB Except Standard Cab and X-Runner, Cat-back, dBX Muffler, Mandrel Bent 3in. 16 Gauge Tubing, 3.5in. Polished T304 Stainless Steel Tip, SOS, 409S/304S Stainless Steel.

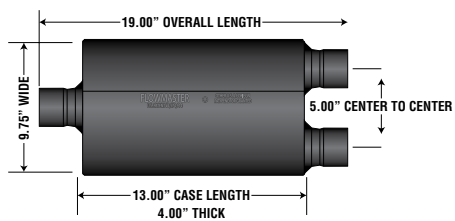


MUFFLER DIMENSIONS

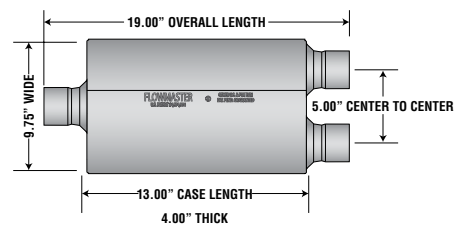
SUPER 10 SERIES



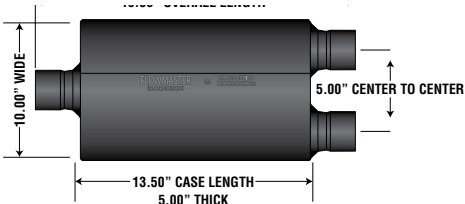
SUPER 44 SERIES



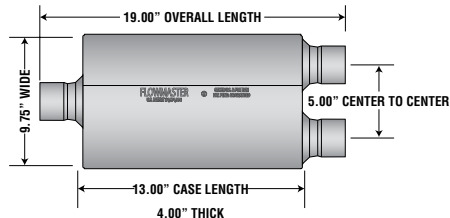
40 SERIES



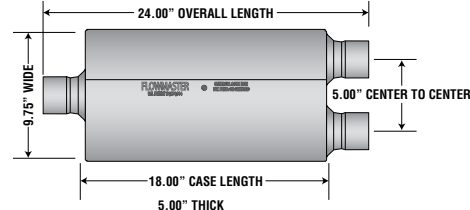
SUPER 40 SERIES



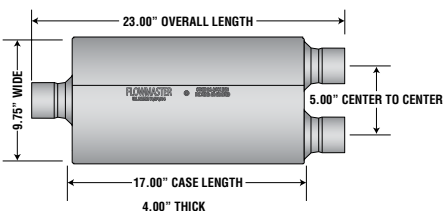
40 SERIES DELTA FLOW



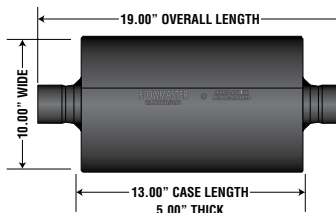
50 SERIES HD



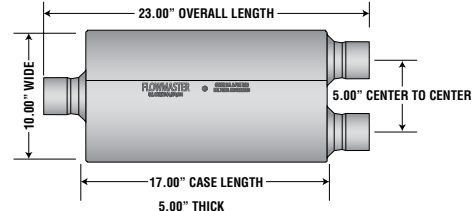
50 SERIES DELTA FLOW



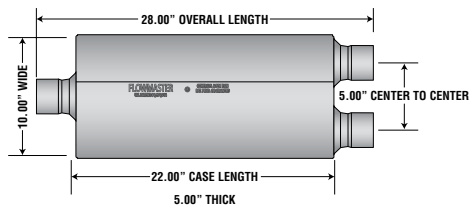
60 SERIES



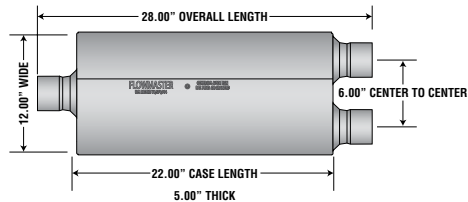
SUPER 50 SERIES



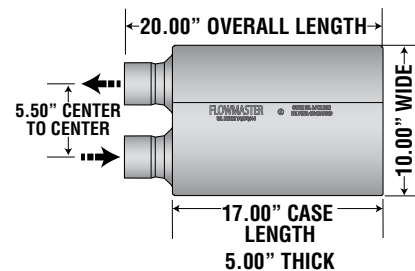
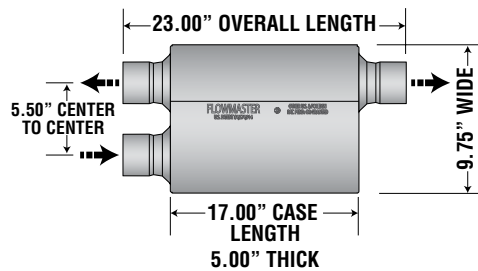
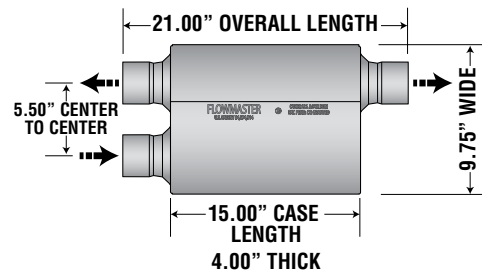
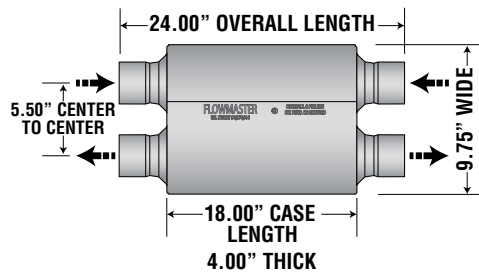
70 SERIES BIG BLOCK



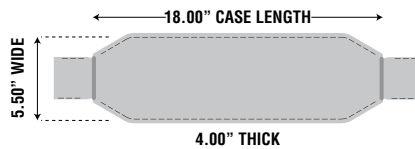
50 SERIES BIG BLOCK



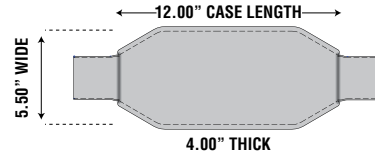
80 SERIES CROSSFLOW



HP-2 STANDARD

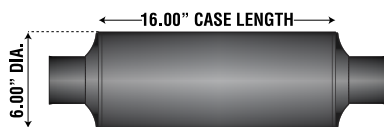


HP-2 SHORTY

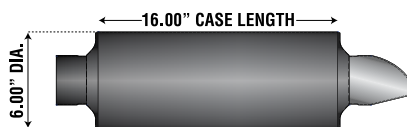


PRO SERIES STANDARD

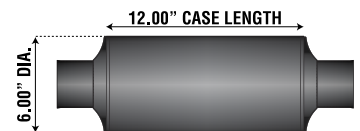
3.00" / 3.50" INLET / OUTLET DIA



PRO SERIES TURNDOWN

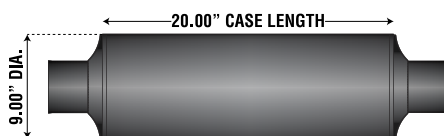


PRO SERIES SHORTY



PRO SERIES STANDARD

4.00" / 5.00" INLET / OUTLET DIA



DBX SERIES



QUICK FIT GUIDE



AGGRESSIVE TONE MUFFLERS

MODERATE TONE MUFFLERS

MILD TONE MUFFLERS

DIAMETER	SUPER 10	SUPER 44	ORIGINAL 40	SUPER 40	40 DELTA	50 SERIES HD	50 DELTA SLIM	50 DELTA	60 SERIES	SUPER 50 SUV	70 BIG BLOCK II	50 BIG BLOCK
Inlet / Outlet	4"x9.75"x6.5"	4"x9.75"x13"	4"x9.75"x13"	5"x10"x13.5"	4"x9.75"x13"	5"x10"x18"	4"x8"x14"	4"x9.75"x17"	5"x10"x13"	5"x10"x17"	5"x10"x22"	5"x12"x22"
Center / Center												
2.00"	----	----	----	----	942040	----	----	----	952060	----	----	----
2.25"	----	942445	----	952445	942440	----	----	942450	952460	52455	----	----
2.50"	842515	942545	----	952545	942540	----	----	942550	----	52555	----	----
3.00"	843015	943045	----	953045	943040	----	----	943050	----	53055	853070	----
3.50"	----	----	----	----	----	----	----	----	----	----	----	----
4.00"	----	----	----	----	----	954055	----	----	----	----	----	----
Offset / Center												
2.00"	----	----	----	----	942041	----	----	942051	----	----	----	----
2.25"	----	942446 842446	42441 8042441	952446	942441	----	942456	942451 842451	----	52456	----	----
2.50"	842516	942546 842546	42541 8042541	952546 852546	942541 842541	----	----	942551 842551	----	52556 852556	52571	----
3.00"	843016	943046 843046	43041 8043041	953046 853046	943041 843041	9530560 8530560	----	943051 843051	----	53056	53071 853071	----
3.50"	----	----	----	----	----	----	----	----	----	----	----	53551
4.00"	----	----	----	----	----	----	----	----	----	----	----	----
Center / Offset												
2.00"	----	----	----	----	942042	----	----	----	952062	----	----	----
2.25"	----	942447	----	952447	942442 842442	----	----	942452 842452	952462	52457	----	----
2.50"	842512	842547 942547	----	952547	942542	----	----	942552	----	52557	52572	----
3.00"	----	943047	----	953047	943042	----	----	943052	----	53057 853057	53072 853072	----
3.50"	----	----	----	----	----	----	----	----	----	----	----	----
Offset / Offset (Opposite Side)												
2.00"	----	----	----	----	942043	----	----	----	----	----	----	----
2.25"	----	942448 842448	42443 8042443	952448	942443	----	----	942453 842453	----	52458	----	----
2.50"	842518	942548 842548	42543 8042543	952548 852548	942543 842543	----	----	942553 842553	----	52558 852558	52573	----
3.00"	----	943048 843048	43043 8043043	953048 853048	943043	8530580	----	943053	----	53058	853073	----
3.50"	----	----	----	----	----	953558 853558	----	----	----	----	----	53553
Offset / Offset (Same Side)												
2.00"	----	----	----	----	----	----	----	----	----	----	----	----
2.25"	----	942449	----	----	942444	----	----	----	----	----	----	----
2.50"	----	942549	----	952549	942544	----	----	----	----	----	----	----
3.00"	----	943049	----	953049	943044	----	----	----	----	----	----	----
Center / Dual												
2.00"/2.00"	----	----	----	----	9420402	----	----	----	----	----	----	----
2.25"/2.00"	----	----	----	----	----	----	----	----	----	----	----	----
2.25"/2.25"	----	9424472	----	----	9424422	----	----	----	----	----	----	----
2.50"/2.00"	----	----	----	----	9425402	----	----	9425502	----	----	----	----
2.50"/2.25"	8425152	9425452	----	----	9425422	----	----	----	----	525552	----	----
2.50"/2.50"	----	9425472	----	----	9425400	----	----	----	----	----	----	----
3.00"/2.25"	----	9430472	----	----	9430422	----	----	9430522	----	----	530722	----
3.00"/2.50"	8430152	9430452 8430452	430402 80430402	9530452 8530452	9430402 8430402	9530572	----	9430502 8430502	----	530552 8530552	530702 8530702	----
4.00"/3.00"	----	----	----	----	----	----	----	----	----	----	----	----
Offset / Dual												
2.00"/2.00"	----	----	----	----	----	----	----	----	----	----	----	----
2.25"/2.00"	----	----	----	----	9424412	----	----	9424512	----	----	----	----
2.50"/2.00"	----	----	----	----	9425412	----	----	9425512	----	----	----	----
2.50"/2.25"	----	----	----	----	9425432	----	----	----	----	----	----	----
2.50"/2.50"	----	----	----	----	----	----	----	----	----	525561	----	----
3.00"/2.50"	----	9430462	----	9530462	9430412	9530582	----	9430512	----	530562	----	----
4.00"/3.00"	----	----	----	----	----	----	----	----	----	----	----	----
Dual / Center												
2.25"/3.00"	----	----	----	----	----	----	----	----	----	524553 8524553	524703	----
Dual / Offset												
3.00"/3.50"	----	----	----	----	----	----	----	----	----	----	----	530513
Dual / Dual												
2.25"/2.25"	----	----	----	----	----	----	----	----	----	524554	524704	----
2.50"/2.50"	8425154	8425454	----	9525454 8525454	----	8525554	----	----	----	----	----	----
2.75"/2.50"	----	----	----	----	----	----	----	----	----	----	----	527504
3.00"/2.50"	----	----	----	----	----	----	----	----	----	----	----	530504

CALIFORNIA DIRECT-FIT CATALYTIC CONVERTERS

Flowmaster is proud to introduce a new line of CARB Certified Direct-Fit Catalytic Converters for California and New York. The addition of this new line offers comprehensive coverage to satisfy your consumer's needs. Key features include:

- **Meets CARB California state emissions requirements per Executive Order listings**
- **50,000 mile internal components emissions warranty**
- **50,000 mile/5-year warranty on exterior casings**
- **Mandrel-bent tubing on all models**
- **Available in a wide variety of applications**

All of our Catalytic Converters conform to the highest quality standards and will provide an easy replacement part for consumers seeking to keep their vehicle with higher miles. Only the highest quality materials are used, which include a stainless steel outer shell and tubing construction to provide long-term durability, while OEM-grade substrates carry the precious metals to meet or exceed all emissions standards. Our OBD II converters have been engineered specifically for maximum efficiency and effectiveness to avoid the 'MIL' (check engine light) trouble code issues common to low-quality converter use.

When a converter replacement is required, installation of universal models should be accomplished by a qualified technician familiar with fabrication, welding, and basic emissions requirements.

Note: The converters in this catalog are for vehicles currently residing in California and vehicles that were originally bought and sold in California. Please make sure each vehicle conforms to all state laws, which includes installing California certified catalytic converters on all cars currently residing in California.



Notice to Professional Installers

California Air Resources Board guidelines state that aftermarket converters may be installed only in the following situations:

- The converter is missing from the vehicle.
- A state or local inspection program has determined that the existing converter has been lead-poisoned, damaged, or otherwise needs replacement.
- The vehicle is more than 7 years old or has more than 70,000 miles on it, and there is a legitimate need for converter replacement that has been established and documented.

Additional information on replacing your converter can be found on pages 7-13.

**49-STATE
UNIVERSAL**

**49-STATE
DIRECT-FIT**

**CALIFORNIA
UNIVERSAL**

**CALIFORNIA
DIRECT-FIT**

SYSTEMS



CATALYTIC CONVERTERS



MUFFLERS



RACE PRODUCTS



HEADERS



TIPS & ACCESSORIES



A HISTORY OF INNOVATIVE EXHAUST PRODUCTS

For more than 30 years, Flowmaster has been the leader in advanced exhaust technology through our extensive commitment to research and development. We learned early on that by understanding an engine's total operation we could not only generate a terrific performance exhaust sound, but more importantly, increase combustion efficiency and improve both performance and fuel mileage. These elements are at the core of our success and how we began the process of creating our innovative muffler and exhaust system designs.

The biggest news for Flowmaster this year is the introduction of our new Direct-fit and Universal Fit California Certified Catalytic Converters. Featuring state-of-the-art technology and construction, our replacement converters are tailored specifically to meet the stringent requirements set by the California Air Resources Board and are engineered for maximum efficiency to avoid MIL issues. The converters are protected by both performance and material warranties for quality assurance.

Flowmaster is dedicated to the continued expansion of our product offerings including not only catalytic converters, but performance headers and a huge number of new systems based on new model applications. Rest assured, we will continue to offer stainless steel systems that ensure performance enhancements and, most importantly, provide a great overall tone – that great Flowmaster tone that means performance.



Flowmaster Manufacturing Facility
Sacramento, California



Flowmaster Research and Development
Hayden, Idaho



Flowmaster Corporate Headquarters
Santa Rosa, California

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OBD II - (1996 & Later)

Applications	21
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When calling the Technical Helpline, please have the following information available:

- Vehicle year, make, and model.
- Engine size and other important information such as fuel injection, transmission type, or turbo charged.
- Vehicle curb weight and/or GVW (Gross Vehicle Weight). This information can be found on the vehicle registration or door sticker.
- Using engine label, determine emission certification level of vehicle.

When installing Aftermarket Converters in the state of California installers must follow guidelines set by the CARB (California Resources Board). If you are unsure of which converter to use, please call the Technical Helpline.

GENERAL INFORMATION

CALIFORNIA DIRECT-FIT CATALYTIC CONVERTERS



IMPORTANT INFORMATION FOR CATALYTIC CONVERTER REPLACEMENT IN CALIFORNIA

Installers of exempted new aftermarket catalytic converters shall adhere to the following requirements for proper installation. The manufacturer shall make these installation requirements available to installers of its products through its normal means for communicating with installers including, but not limited to, the catalog, the manufacturer's website, requests via phone or e-mail for technical help from installers, and other documentation distributed to installers. Installers may not install a new aftermarket catalytic converter in a vehicle unless all of the following conditions are met:

- The vehicle is specifically included in the vehicle application list for which the new aftermarket catalytic converter has been exempted.
- The vehicle is more than 7 years old or has more than 70,000 miles on its odometer.
- The vehicle is beyond the coverage of the OEM catalyst warranty period (which can vary from 7 years or 70,000 miles to as high as 15 years or 150,000 miles)¹. Installers may reference the vehicle owner's manual/warranty booklet or contact the vehicle manufacturer or its representative to verify the applicable OEM catalyst warranty.
- The vehicle has a legitimate need for replacement of the existing converter that has been established and documented by the installer on the repair invoice. If the OEM converter is present, the installer must make a determination that it is not functioning properly before acting to replace it.
- The exempted new aftermarket catalytic converter is installed in the same location as the OEM catalytic converter it is designed to replace. The front face of the installed catalytic converter shall be no more than three inches further upstream or downstream in the exhaust from where the front face location, position, or orientation of oxygen sensors upstream and downstream of the catalytic converter(s).
- The exempted new aftermarket catalytic converter is installed on a one-for-one catalytic converter (not substrate) basis.
- The exempted new aftermarket catalytic converter is installed with all other required catalytic converters (no consolidation of catalytic converters, nor addition of extra catalytic converters is allowed).
- A warranty card has been filled out by the installer, signed by the customer, attached to the repair invoice, and a copy returned to the manufacturer.

Installers shall keep documentation regarding the installation of the new aftermarket catalytic converter including all of the above information. This documentation shall be made available to ARB or its representative as provided for in title 13, section 2222(b)(8). All such records shall be maintained for 4 years from the date of sale or installation of the catalytic converter.

¹The actual manufacturer's catalyst warranty period for an individual vehicle is listed in the vehicle's owner's manual and/or warranty booklet. Examples of current warranty periods include 7 years and 70,000 miles, 8 years and 80,000 miles and 15 years and 150,000 miles, depending on the vehicle.

GENERAL INFORMATION

CALIFORNIA DIRECT-FIT CATALYTIC CONVERTERS



CATALYTIC CONVERTER LIMITED WARRANTY REGISTRATION

CATALYTIC CONVERTER LIMITED WARRANTY REGISTRATION	
CATALYTIC CONVERTERS MAY ONLY BE INSTALLED ON APPLICATIONS LISTED IN CALIFORNIA CATALOG	
OWNER & VEHICLE INFORMATION	INSTALLATION STATEMENT
Customer Name: _____	Catalytic converters are emission control devices which are designed to last the life of the vehicle and do not normally require replacement. Furthermore, if the vehicle is properly used and maintained, original converters are covered by the emission control warranty for 8 years or 80,000 miles for 1996 models and newer, if there is a legitimate need for converter replacement that has been established and documented. In order to verify that the proper circumstances exist, the owner of the vehicle on which such repairs are made and facility representative must sign the following statement. ☐ The vehicle is over 8 years old or has more than 80,000 miles on it for 1996 models and newer and the catalytic converter required replacement because: _____ OR ☐ The vehicle's catalytic converter was missing when the vehicle brought in. Facility Representative Signature: _____ Owner's Signature: _____ Date: _____
Address: _____	
City: _____ State: _____ Zip: _____	
Make: _____ Year: _____	
Model: _____ Engine Size: _____	
Date: _____ Mileage at Installation: _____	
Replacement Part#: _____ Invoice #: _____	
INSTALLER INFORMATION	
Dealer Name: _____	
Address: _____	
City: _____ State: _____ ZIP: _____	
INSTALLATION FACILITY COPY	

_____	PROPER POSTAGE REQUIRED 

CALIFORNIA OBD II WARRANTY REGISTRATION DEPARTMENT 4410 West 37th Ave. Hobart, Indiana 46342	

Installers must retain copies of the invoice and statements for 4 years from the date of sale or installation of the catalytic converter. The documentation shall be made available to ARB or it's representative as provided for in Title 13, Section 2222 (b)(8).

Warranty card is comprised of 4 parts. Top white copy must be read and signed by customer and installer. Any information written on the white sheet transfers down through all four copies. Installer retains white copy. Second copy (yellow) is the customer's original copy. Third copy (pink) can be stuffed inside of converter being replaced for record keeping. This step is totally optional and is not mandated by California Regulations. If the installation facility chooses, they can simply throw this copy away. Fourth copy (postcard) is to be returned to Flowmaster, Inc.

IMPORTANT NOTES FOR DETERMINING THE PROPER REPLACEMENT CONVERTER

In order to determine the proper converter for a specific vehicle it may be necessary to consult the emission control information sticker that is located in the engine compartment. This label is required by the EPA and will be in a visible location such as the underside of the hood, radiator support, shock tower, firewall, or fan shroud. An example is shown below.



The label will contain important info such as:

Converter Type: This will specify the type of converter that the vehicle is equipped with. Two-Way (OC or COC), Three-Way (TWC or ORC), Three-Way + Air (TWC/OC or ORC/OC)

Engine Test Group/Family Number: This unique number specifies the engine family that the vehicle manufacturer performed its emissions certification.

Model Year of the Vehicle: This is the model year regulation that the vehicle was manufactured under.

Certification Level/Conformation: The label will specify the regulations that the vehicle was originally manufactured to conform to. This will be EPA (EPA Tier 1, NLEV, Etc.) or California (CARB, LEV, LEV-II, ULEV, SULEV, etc.)

PRE OBDII

1995 AND EARLIER APPLICATIONS

NOTICE TO CATALOG USERS:

Listings in this catalog are based on the Executive Orders issued by the Air Resources Board.

Catalyst in this catalog must be used in accordance with this information. Engine family numbers and emission levels in this catalog must match the vehicle you are intending to install a converter on.

E.O. numbers are listed in the Numeric Section of this catalog and are for identification purposes only.

Pre-OBD II Catalytic Converter replacements are divided into 4 categories by the Air Resources Board.

For passenger cars, the categories are:

PC1 - cars with one converter per vehicle or per engine bank

PC2 - cars having two converters back-to-back or having more than two converters in the exhaust system

For trucks, the categories are:

T1 - trucks with one converter per vehicle or per engine bank

T2 - trucks having two converters back-to-back or having more than two converters in the exhaust system

Installers should use this catalog and adhere to the applications listed in it strictly. Definitions of configurations are supplied here for informational purposes only. Converter applications determined by size or competitor interchanges may not be as accurate as other manufacturer's products may be different than Flowmaster's.

PRE OBD II APPLICATIONS

CALIFORNIA DIRECT-FIT CATALYTIC CONVERTERS



PRE OBD II APPLICATIONS

Model Year	Make	Model	Engine Size (liters)	Weight Class (see pg. 11)	Exhaust Config/Type	Converter Type	Total Converter(s)	Conv. Location	FLOWMASTER Universal Part #	FLOWMASTER Direct-fit Part #	Application Note	California Executive Order #
CHEVROLET												
1992	Chevrolet	Astro	4.3	T-1	S	TWC	1	U	3982030	3010049	ALL	D-280-94
1993	Chevrolet	Astro	4.3	T-1	S	TWC	1	U	3982030	3010049	ALL	D-280-94
1987	Chevrolet	Blazer	5.7	T-1	S	OC	1	U	3982025	3010049	ALL	D-280-94
1988	Chevrolet	Blazer	5.7	T-1	S	TWC	1	U	3982030	3010049	ALL	D-280-94
1989	Chevrolet	Blazer	5.7	T-1	S	TWC	1	U	3982030	3010049	ALL	D-280-94
1990	Chevrolet	Blazer	5.7	T-1	S	TWC	1	U	3982030	3010049	ALL	D-280-94
1991	Chevrolet	Blazer	5.7	T-1	S	TWC	1	U	3982030	3010049	ALL	D-280-94
1992	Chevrolet	Blazer	5.7	T-1	S	TWC	1	U	3982030	3010049	ALL	D-280-94
1993	Chevrolet	Blazer	5.7	T-1	S	TWC	1	U	3982030	3010049	ALL	D-280-94
1994	Chevrolet	Blazer	5.7	T-1	S	TWC	1	U	3982030	3010021	ALL	D-280-94
1991	Chevrolet	C1500	5.7	T-1	S	TWC	1	U	-	3010049	ALL	D-280-94
1992	Chevrolet	C1500	5.7	T-1	S	TWC	1	U	3982030	3010049	ALL	D-280-94
1992	Chevrolet	C1500	7.4	T-1	D	TWC	2	U	3982030	3010049	ALL	D-280-94
1993	Chevrolet	C1500	5.7	T-1	S	TWC	1	U	3982030	3010049	ALL	D-280-94
1993	Chevrolet	C1500	7.4	T-1	S	TWC	1	U	3982030	3010049	ALL	D-280-94
1994	Chevrolet	C1500	4.3	T-1	S	TWC	1	U	3982030	3010021	2WD	D-280-94
1994	Chevrolet	C1500	5.0	T-1	S	TWC	1	U	3982030	3010021	ALL	D-280-94
1994	Chevrolet	C1500	5.7	T-1	S	TWC	1	U	3982030	3010021	ALL	D-280-94
1995	Chevrolet	C1500	4.3	T-1	S	TWC	1	U	3982030	3010021	ALL	D-280-94
1995	Chevrolet	C1500	5.0	T-1	S	TWC	1	U	3982030	3010021	ALL	D-280-94
1995	Chevrolet	C1500	5.7	T-1	S	TWC	1	U	3982030	3010021	ALL	D-280-94
1994	Chevrolet	C1500 Suburban	5.7	T-1	S	TWC	1	U	3982030	3010021	ALL	D-280-94
1995	Chevrolet	C1500 Suburban	5.7	T-1	S	TWC	1	U	3982030	3010021	ALL	D-280-94
1991	Chevrolet	C2500	7.4	T-1	S	TWC	1	U	3982030	3010049	ALL	D-280-94
1992	Chevrolet	C2500	5.7	T-1	S	TWC	1	U	3982030	3010049	ALL	D-280-94
1992	Chevrolet	C2500	7.4	T-1	S	TWC	1	U	3982030	3010049	ALL	D-280-94
1993	Chevrolet	C2500	5.7	T-1	S	TWC	1	U	3982030	3010049	ALL	D-280-94
1993	Chevrolet	C2500	7.4	T-1	S	TWC	1	U	3982030	3010049	ALL	D-280-94
1994	Chevrolet	C2500	4.3	T-1	S	TWC	1	U	3982030	3010021	ALL	D-280-94
1994	Chevrolet	C2500	5.0	T-1	S	TWC	1	U	3982030	3010021	ALL	D-280-94
1994	Chevrolet	C2500	5.7	T-1	S	TWC	1	U	3982030	3010021	ALL	D-280-94
1994	Chevrolet	C2500	7.4	T-1	S	TWC	1	U	3982030	3010049	ALL	D-280-94
1995	Chevrolet	C2500	4.3	T-1	S	TWC	1	U	3982030	3010021	ALL	D-280-94
1995	Chevrolet	C2500	5.0	T-1	S	TWC	1	U	3982030	3010021	ALL	D-280-94
1995	Chevrolet	C2500	5.7	T-1	S	TWC	1	U	3982030	3010021	ALL	D-280-94
1995	Chevrolet	C2500	7.4	T-1	S	TWC	1	U	3982030	3010049	ALL	D-280-94
1992	Chevrolet	C2500 Suburban	5.7	T-1	S	TWC	1	U	3982030	3010049	ALL	D-280-94
1992	Chevrolet	C2500 Suburban	7.4	T-1	S	TWC	1	U	3982030	3010049	ALL	D-280-94
1993	Chevrolet	C2500 Suburban	5.7	T-1	S	TWC	1	U	3982030	3010049	ALL	D-280-94
1993	Chevrolet	C2500 Suburban	7.4	T-1	S	TWC	1	U	-	3010049	ALL	D-280-94
1994	Chevrolet	C2500 Suburban	5.7	T-1	S	TWC	1	U	3982030	3010049	ALL	D-280-94
1994	Chevrolet	C2500 Suburban	7.4	T-1	S	TWC	1	U	-	3010049	ALL	D-280-94

Model Year	Make	Model	Engine Size (liters)	Weight Class (see pg. 11)	Exhaust Config/Type	Converter Type	Total Converter(s)	Conv. Location	FLOWMASTER Universal Part #	FLOWMASTER Direct-fit Part #	Application Note	California Executive Order #
1995	Chevrolet	C2500 Suburban	5.7	T-1	S	TWC	1	U	3982030	3010049	ALL	D-280-94
1995	Chevrolet	C2500 Suburban	7.4	T-1	S	TWC	1	U	-	3010049	ALL	D-280-94
1988	Chevrolet	C3500	7.4	T-1	S	OC	1	U	3982030	3010049	ALL	D-280-94
1989	Chevrolet	C3500	7.4	T-1	S	OC	1	U	3982030	3010049	ALL	D-280-94
1990	Chevrolet	C3500	7.4	T-1	S	OC	1	U	3982030	3010049	ALL	D-280-94
1991	Chevrolet	C3500	7.4	T-1	S	TWC	1	U	-	3010049	ALL	D-280-94
1992	Chevrolet	C3500	7.4	T-1	S	TWC	1	U	-	3010049	ALL	D-280-94
1993	Chevrolet	C3500	5.7	T-1	S	TWC	1	U	3982030	3010049	ALL	D-280-94
1993	Chevrolet	C3500	7.4	T-1	S	TWC	1	U	-	3010049	ALL	D-280-94
1994	Chevrolet	C3500	5.7	T-1	S	TWC	1	U	3982030	3010049	ALL	D-280-94
1994	Chevrolet	C3500	7.4	T-1	S	TWC	1	U	-	3010049	ALL	D-280-94
1995	Chevrolet	C3500	5.7	T-1	S	TWC	1	U	3982030	3010049	ALL	D-280-94
1995	Chevrolet	C3500	7.4	T-1	S	TWC	1	U	-	3010049	ALL	D-280-94
1984	Chevrolet	Camaro	5.0	PC-1	S	TWC	1	U	3589025	3010033	ALL	D-280-97
1985	Chevrolet	Camaro	5.0	PC-1	S	TWC	1	U	3589025	3010033	ALL	D-280-97
1986	Chevrolet	Camaro	5.0	PC-1	S	TWC	1	U	3589025	3010033	ALL	D-280-97
1987	Chevrolet	Camaro	5.0	PC-1	S	TWC	1	U	3589025	3010033	ALL	D-280-97
1988	Chevrolet	Camaro	5.0	PC-1	S	TWC	1	U	3589025	3010033	ALL	D-280-97
1989	Chevrolet	Camaro	5.0	PC-1	S	TWC	1	U	3589025	3010033	ALL	D-280-97
1993	Chevrolet	Camaro	5.7	PC-1	S	TWC	1	U	3588030	3010052	ALL	D-280-97
1994	Chevrolet	Camaro	5.7	PC-1	S	TWC	1	U	3588030	3010052	ALL	D-280-97
1986	Chevrolet	Corvette	5.7	PC-2	DS	2TWC, TWC	3	U	3932030	3010056	ALL	D-280-96
1987	Chevrolet	Corvette	5.7	PC-2	DS	2TWC, TWC	3	U	3932030	3010056	ALL	D-280-96
1988	Chevrolet	Corvette	5.7	PC-2	DS	2TWC, TWC	3	U	3932030	3010056	ALL	D-280-96
1989	Chevrolet	Corvette	5.7	PC-2	DS	2TWC, TWC	3	U	3932030	3010056	ALL	D-280-96
1990	Chevrolet	Corvette	5.7	PC-1	D	2TWC	2	UR	3588025	3010056	ALL	D-280-97
1991	Chevrolet	Corvette	5.7	PC-2	D	2TWC	2	U	3932030	3010056	ALL	D-280-96
1992	Chevrolet	Corvette	5.7	PC-1	D	2TWC	2	UL	3588025	3010055	ALL	D-280-97
1992	Chevrolet	Corvette	5.7	PC-1	D	2TWC	2	UR	3588025	3010057	ALL	D-280-97
1993	Chevrolet	Corvette	5.7	PC-1	D	2TWC	2	UL	3588025	3010055	ALL	D-280-97
1993	Chevrolet	Corvette	5.7	PC-1	D	2TWC	2	UR	3588025	3010057	ALL	D-280-97
1994	Chevrolet	Corvette	5.7	PC-1	D	2TWC	2	UL	3588025	3010055	ALL	D-280-97
1994	Chevrolet	Corvette	5.7	PC-1	D	2TWC	2	UR	3588025	3010057	ALL	D-280-97
1995	Chevrolet	Corvette	5.7	PC-1	D	2TWC	2	UL	3588025	3010055	ALL	D-280-97
1995	Chevrolet	Corvette	5.7	PC-1	D	2TWC	2	UR	3588025	3010057	ALL	D-280-97
1987	Chevrolet	G10	5.7	T-1	S	OC	1	U	3982030	3010049	ALL	D-280-94
1988	Chevrolet	G10	5.7	T-1	S	OC	1	U	3982030	3010049	ALL	D-280-94
1989	Chevrolet	G10	5.7	T-1	S	OC	1	U	3982030	3010049	ALL	D-280-94
1990	Chevrolet	G10	5.7	T-1	S	OC	1	U	3982030	3010049	ALL	D-280-94

PRE OBD II APPLICATIONS

CALIFORNIA DIRECT-FIT CATALYTIC CONVERTERS



PRE OBD II APPLICATIONS

Model Year	Make	Model	Engine Size (liters)	Weight Class (see pg. 11)	Exhaust Config/Type	Converter Type	Total Converter(s)	Conv. Location	FLOWMASTER Universal Part #	FLOWMASTER Direct-fit Part #	Application Note	California Executive Order #
1991	Chevrolet	G10	5.7	T-1	S	OC	1	U	3982030	3010049	ALL	D-280-94
1992	Chevrolet	G10	5.7	T-1	S	OC	1	U	3982030	3010049	ALL	D-280-94
1993	Chevrolet	G10	5.7	T-1	S	OC	1	U	3982030	3010049	ALL	D-280-94
1987	Chevrolet	G20	5.7	T-1	S	OC	1	U	3982025	3010049	ALL	D-280-94
1988	Chevrolet	G20	5.7	T-1	S	OC	1	U	3982025	3010049	ALL	D-280-94
1989	Chevrolet	G20	5.7	T-1	S	OC	1	U	3982030	3010049	ALL	D-280-94
1990	Chevrolet	G20	5.7	T-1	S	OC	1	U	-	3010049	ALL	D-280-94
1991	Chevrolet	G20	5.7	T-1	S	OC	1	U	3982030	3010049	ALL	D-280-94
1992	Chevrolet	G20	5.7	T-1	S	OC	1	U	3982030	3010049	ALL	D-280-94
1993	Chevrolet	G20	5.7	T-1	S	OC	1	U	3982030	3010049	ALL	D-280-94
1994	Chevrolet	G20	5.7	T-1	S	OC	1	U	3982030	3010049	ALL	D-280-94
1994	Chevrolet	K1500	4.3	T-1	S	TWC	1	U	3982030	3010021	ALL	D-280-94
1994	Chevrolet	K1500	5.0	T-1	S	TWC	1	U	3982030	3010021	ALL	D-280-94
1994	Chevrolet	K1500	5.7	T-1	S	TWC	1	U	3982030	3010021	ALL	D-280-94
1995	Chevrolet	K1500	4.3	T-1	S	TWC	1	U	3982030	3010021	ALL	D-280-94
1995	Chevrolet	K1500	5.0	T-1	S	TWC	1	U	3982030	3010021	ALL	D-280-94
1995	Chevrolet	K1500	5.7	T-1	S	TWC	1	U	3982030	3010021	ALL	D-280-94
1994	Chevrolet	K1500 Suburban	5.7	T-1	S	TWC	1	U	3982030	3010021	ALL	D-280-94
1995	Chevrolet	K1500 Suburban	5.7	T-1	S	TWC	1	U	3982030	3010021	ALL	D-280-94
1994	Chevrolet	K2500	4.3	T-1	S	TWC	1	U	3982030	3010021	ALL	D-280-94
1994	Chevrolet	K2500	5.0	T-1	S	TWC	1	U	3982030	3010021	ALL	D-280-94
1994	Chevrolet	K2500	5.7	T-1	S	TWC	1	U	3982030	3010021	ALL	D-280-94
1995	Chevrolet	K2500	4.3	T-1	S	TWC	1	U	3982030	3010021	ALL	D-280-94
1995	Chevrolet	K2500	5.0	T-1	S	TWC	1	U	3982030	3010021	ALL	D-280-94
1995	Chevrolet	K2500	5.7	T-1	S	TWC	1	U	3982030	3010021	ALL	D-280-94
1992	Chevrolet	K2500 Suburban	5.7	T-1	S	TWC	1	U	3982030	3010049	ALL	D-280-94
1992	Chevrolet	K2500 Suburban	7.4	T-1	S	TWC	1	U	3982030	3010049	ALL	D-280-94
1993	Chevrolet	K2500 Suburban	5.7	T-1	S	TWC	1	U	3982030	3010049	ALL	D-280-94
1993	Chevrolet	K2500 Suburban	7.4	T-1	S	TWC	1	U	-	3010049	ALL	D-280-94
1994	Chevrolet	K2500 Suburban	5.7	T-1	S	TWC	1	U	3982030	3010049	ALL	D-280-94
1994	Chevrolet	K2500 Suburban	7.4	T-1	S	TWC	1	U	-	3010049	ALL	D-280-94
1995	Chevrolet	K2500 Suburban	5.7	T-1	S	TWC	1	U	3982030	3010049	ALL	D-280-94
1995	Chevrolet	K2500 Suburban	7.4	T-1	S	TWC	1	U	-	3010049	ALL	D-280-94
1983	Chevrolet	Monte Carlo	5.0	PC-1	S	TWC+ OC	1	U	3589025	3010033	ALL	D-280-97
1984	Chevrolet	Monte Carlo	5.0	PC-1	S	TWC+ OC	1	U	3589025	3010033	ALL	D-280-97
1985	Chevrolet	Monte Carlo	5.0	PC-1	S	TWC+ OC	1	U	3589025	3010033	ALL	D-280-97
1986	Chevrolet	Monte Carlo	5.0	PC-1	S	TWC+ OC	1	U	3589025	3010033	ALL	D-280-97
1987	Chevrolet	Monte Carlo	5.0	PC-1	S	TWC+ OC	1	U	3589025	3010033	ALL	D-280-97

Model Year	Make	Model	Engine Size (liters)	Weight Class (see pg. 11)	Exhaust Config/Type	Converter Type	Total Converter(s)	Conv. Location	FLOWMASTER Universal Part #	FLOWMASTER Direct-fit Part #	Application Note	California Executive Order #
1988	Chevrolet	Monte Carlo	5.0	PC-1	S	TWC+ OC	1	U	3589025	3010033	ALL	D-280-97
1987	Chevrolet	R10	5.7	T-1	S	TWC	1	U	3982025	3010049	ALL	D-280-94
1987	Chevrolet	R20	5.7	T-1	S	TWC	1	U	3982025	3010049	ALL	D-280-94
1987	Chevrolet	R30	5.7	T-1	S	TWC	1	U	3982025	3010049	ALL	D-280-94
1995	Chevrolet	Tahoe	5.7	T-1	S	TWC	1	U	3982030	3010021	ALL	D-280-94
1987	Chevrolet	V10	5.7	T-1	S	TWC	1	U	3982025	3010049	ALL	D-280-94
1987	Chevrolet	V20	5.7	T-1	S	TWC	1	U	3982025	3010049	ALL	D-280-94
1987	Chevrolet	V30	5.7	T-1	S	TWC	1	U	3982025	3010049	ALL	D-280-94
GMC												
1992	GMC	C1500	5.7	T-1	S	TWC	1	U	3982030	3010049	ALL	D-280-94
1992	GMC	C1500	7.4	T-1	S	TWC	1	U	3982030	3010049	ALL	D-280-94
1993	GMC	C1500	5.7	T-1	S	TWC	1	U	3982030	3010049	ALL	D-280-94
1993	GMC	C1500	7.4	T-1	S	TWC	1	U	3982030	3010049	ALL	D-280-94
1994	GMC	C1500	4.3	T-1	S	TWC	1	U	3982030	3010021	ALL	D-280-94
1994	GMC	C1500	5.0	T-1	S	TWC	1	U	3982030	3010021	ALL	D-280-94
1994	GMC	C1500	5.7	T-1	S	TWC	1	U	3982030	3010021	ALL	D-280-94
1995	GMC	C1500	4.3	T-1	S	TWC	1	U	3982030	3010021	ALL	D-280-94
1995	GMC	C1500	5.0	T-1	S	TWC	1	U	3982030	3010021	ALL	D-280-94
1995	GMC	C1500	5.7	T-1	S	TWC	1	U	3982030	3010021	ALL	D-280-94
1994	GMC	C1500 Suburban	5.7	T-1	S	TWC	1	U	3982030	3010021	ALL	D-280-94
1995	GMC	C1500 Suburban	5.7	T-1	S	TWC	1	U	3982030	3010021	ALL	D-280-94
1988	GMC	C2500	7.4	T-1	S	OC	1	U	3982030	3010049	ALL	D-280-94
1989	GMC	C2500	7.4	T-1	S	OC	1	U	3982030	3010049	ALL	D-280-94
1990	GMC	C2500	7.4	T-1	S	TWC	1	U	3982030	3010049	ALL	D-280-94
1991	GMC	C2500	7.4	T-1	S	TWC	1	U	3982030	3010049	ALL	D-280-94
1992	GMC	C2500	5.7	T-1	S	TWC	1	U	3982030	3010049	ALL	D-280-94
1992	GMC	C2500	7.4	T-1	S	TWC	1	U	3982030	3010049	ALL	D-280-94
1993	GMC	C2500	5.7	T-1	S	TWC	1	U	3982030	3010049	ALL	D-280-94
1993	GMC	C2500	7.4	T-1	S	TWC	1	U	3982030	3010049	ALL	D-280-94
1994	GMC	C2500	4.3	T-1	S	TWC	1	U	3982030	3010021	ALL	D-280-94
1994	GMC	C2500	5.0	T-1	S	TWC	1	U	3982030	3010021	ALL	D-280-94
1994	GMC	C2500	5.7	T-1	S	TWC	1	U	3982030	3010021	ALL	D-280-94
1994	GMC	C2500	7.4	T-1	S	TWC	1	U	3982030	3010049	ALL	D-280-94
1995	GMC	C2500	4.3	T-1	S	TWC	1	U	3982030	3010021	ALL	D-280-94
1995	GMC	C2500	5.0	T-1	S	TWC	1	U	3982030	3010021	ALL	D-280-94
1995	GMC	C2500	5.7	T-1	S	TWC	1	U	3982030	3010021	ALL	D-280-94
1995	GMC	C2500	7.4	T-1	S	TWC	1	U	3982030	3010049	ALL	D-280-94
1992	GMC	C2500 Suburban	5.7	T-1	S	TWC	1	U	3982030	3010049	ALL	D-280-94
1992	GMC	C2500 Suburban	7.4	T-1	S	TWC	1	U	3982030	3010049	ALL	D-280-94
1993	GMC	C2500 Suburban	5.7	T-1	S	TWC	1	U	3982030	3010049	ALL	D-280-94
1993	GMC	C2500 Suburban	7.4	T-1	S	TWC	1	U	3982030	3010049	ALL	D-280-94
1994	GMC	C2500 Suburban	5.7	T-1	S	TWC	1	U	3982030	3010049	ALL	D-280-94

PRE OBD II APPLICATIONS

CALIFORNIA DIRECT-FIT CATALYTIC CONVERTERS



PRE OBD II APPLICATIONS

Model Year	Make	Model	Engine Size (liters)	Weight Class (see pg. 11)	Exhaust Config/Type	Converter Type	Total Converter(s)	Conv. Location	FLOWMASTER Universal Part #	FLOWMASTER Direct-fit Part #	Application Note	California Executive Order #
1994	GMC	C2500 Suburban	7.4	T-1	S	TWC	1	U	3982030	3010049	ALL	D-280-94
1995	GMC	C2500 Suburban	5.7	T-1	S	TWC	1	U	3982030	3010049	ALL	D-280-94
1995	GMC	C2500 Suburban	7.4	T-1	S	TWC	1	U	3982030	3010049	ALL	D-280-94
1988	GMC	C3500	7.4	T-1	S	OC	1	U	3982030	3010049	ALL	D-280-94
1989	GMC	C3500	7.4	T-1	S	OC	1	U	3982030	3010049	ALL	D-280-94
1990	GMC	C3500	7.4	T-1	S	OC	1	U	3982030	3010049	ALL	D-280-94
1991	GMC	C3500	7.4	T-1	S	TWC	1	U	3982030	3010049	ALL	D-280-94
1992	GMC	C3500	5.7	T-1	S	TWC	1	U	3982030	3010049	ALL	D-280-94
1992	GMC	C3500	7.4	T-1	S	TWC	1	U	3982030	3010049	ALL	D-280-94
1993	GMC	C3500	5.7	T-1	S	TWC	1	U	3982030	3010049	ALL	D-280-94
1993	GMC	C3500	7.4	T-1	S	TWC	1	U	3982030	3010049	ALL	D-280-94
1994	GMC	C3500	5.7	T-1	S	TWC	1	U	3982030	3010049	ALL	D-280-94
1994	GMC	C3500	7.4	T-1	S	TWC	1	U	3982030	3010049	ALL	D-280-94
1995	GMC	C3500	5.7	T-1	S	TWC	1	U	3982030	3010049	ALL	D-280-94
1995	GMC	C3500	7.4	T-1	S	TWC	1	U	3982030	3010049	ALL	D-280-94
1987	GMC	G1500	5.7	T-1	S	OC	1	U	3982030	3010049	ALL	D-280-94
1988	GMC	G1500	5.7	T-1	S	OC	1	U	3982030	3010049	ALL	D-280-94
1989	GMC	G1500	5.7	T-1	S	OC	1	U	3982030	3010049	ALL	D-280-94
1990	GMC	G1500	5.7	T-1	S	OC	1	U	3982030	3010049	ALL	D-280-94
1991	GMC	G1500	5.7	T-1	S	OC	1	U	3982030	3010049	ALL	D-280-94
1992	GMC	G1500	5.7	T-1	S	OC	1	U	3982030	3010049	ALL	D-280-94
1993	GMC	G1500	5.7	T-1	S	OC	1	U	3982030	3010049	ALL	D-280-94
1987	GMC	G2500	5.7	T-1	S	OC	1	U	3982030	3010049	ALL	D-280-94
1988	GMC	G2500	5.7	T-1	S	OC	1	U	3982030	3010049	ALL	D-280-94
1989	GMC	G2500	5.7	T-1	S	OC	1	U	3982030	3010049	ALL	D-280-94
1990	GMC	G2500	5.7	T-1	S	OC	1	U	3982030	3010049	ALL	D-280-94
1991	GMC	G2500	5.7	T-1	S	OC	1	U	3982030	3010049	ALL	D-280-94
1992	GMC	G2500	5.7	T-1	S	OC	1	U	3982030	3010049	ALL	D-280-94
1993	GMC	G2500	5.7	T-1	S	OC	1	U	3982030	3010049	ALL	D-280-94
1994	GMC	G2500	5.7	T-1	S	OC	1	U	3982030	3010049	ALL	D-280-94
1988	GMC	Jimmy	5.7	T-1	S	TWC	1	U	3982030	3010049	ALL	D-280-94
1989	GMC	Jimmy	5.7	T-1	S	TWC	1	U	3982030	3010049	ALL	D-280-94
1990	GMC	Jimmy	5.7	T-1	S	TWC	1	U	3982030	3010049	ALL	D-280-94
1991	GMC	Jimmy	5.7	T-1	S	TWC	1	U	3982030	3010049	ALL	D-280-94
1994	GMC	K1500	4.3	T-1	S	TWC	1	U	3982030	3010021	ALL	D-280-94
1994	GMC	K1500	5.0	T-1	S	TWC	1	U	3982030	3010021	ALL	D-280-94
1994	GMC	K1500	5.7	T-1	S	TWC	1	U	3982030	3010021	ALL	D-280-94
1995	GMC	K1500	4.3	T-1	S	TWC	1	U	3982030	3010021	ALL	D-280-94
1995	GMC	K1500	5.0	T-1	S	TWC	1	U	3982030	3010021	ALL	D-280-94
1995	GMC	K1500	5.7	T-1	S	TWC	1	U	3982030	3010021	ALL	D-280-94
1994	GMC	K1500 Suburban	5.7	T-1	S	TWC	1	U	3982030	3010021	ALL	D-280-94
1995	GMC	K1500 Suburban	5.7	T-1	S	TWC	1	U	3982030	3010021	ALL	D-280-94

Model Year	Make	Model	Engine Size (liters)	Weight Class (see pg. 11)	Exhaust Config/Type	Converter Type	Total Converter(s)	Conv. Location	FLOWMASTER Universal Part #	FLOWMASTER Direct-fit Part #	Application Note	California Executive Order #
1994	GMC	K2500	4.3	T-1	S	TWC	1	U	3982030	3010021	ALL	D-280-94
1994	GMC	K2500	5.0	T-1	S	TWC	1	U	3982030	3010021	ALL	D-280-94
1994	GMC	K2500	5.7	T-1	S	TWC	1	U	3982030	3010021	ALL	D-280-94
1995	GMC	K2500	4.3	T-1	S	TWC	1	U	3982030	3010021	ALL	D-280-94
1995	GMC	K2500	5.0	T-1	S	TWC	1	U	3982030	3010021	ALL	D-280-94
1995	GMC	K2500	5.7	T-1	S	TWC	1	U	3982030	3010021	ALL	D-280-94
1992	GMC	K2500 Suburban	5.7	T-1	S	TWC	1	U	3982030	3010049	ALL	D-280-94
1992	GMC	K2500 Suburban	7.4	T-1	S	TWC	1	U	3982030	3010049	ALL	D-280-94
1993	GMC	K2500 Suburban	5.7	T-1	S	TWC	1	U	3982030	3010049	ALL	D-280-94
1994	GMC	K2500 Suburban	5.7	T-1	S	TWC	1	U	3982030	3010049	ALL	D-280-94
1995	GMC	K2500 Suburban	5.7	T-1	S	TWC	1	U	3982030	3010049	ALL	D-280-94
1992	GMC	Safari	4.3	T-1	S	TWC	1	U	3982030	3010049	ALL	D-280-94
1993	GMC	Safari	4.3	T-1	S	TWC	1	U	3982030	3010049	ALL	D-280-94
1992	GMC	Yukon	5.7	T-1	S	OC	1	U	3982030	3010049	ALL	D-280-94
1993	GMC	Yukon	5.7	T-1	S	OC	1	U	3982030	3010049	ALL	D-280-94
1994	GMC	Yukon	5.7	T-1	S	OC	1	U	-	3010021	ALL	D-280-94
1995	GMC	Yukon	5.7	T-1	S	OC	1	U	-	3010021	ALL	D-280-94
HONDA												
1993	Honda	Civic	1.5	PC-1	S	TWC	1	U	3588020	3060009	ALL	D-280-97
1993	Honda	Civic	1.6	PC-1	S	TWC	1	U	3588020	3060009	ALL	D-280-97
1994	Honda	Civic	1.5	PC-1	S	TWC	1	U	3588020	3060009	ALL	D-280-97
1994	Honda	Civic	1.6	PC-1	S	TWC	1	U	3588020	3060009	ALL	D-280-97
1995	Honda	Civic	1.5	PC-1	S	TWC	1	U	3588020	3060009	ALL	D-280-97
1995	Honda	Civic	1.6	PC-1	S	TWC	1	U	3588020	3060009	ALL	D-280-97
1993	Honda	Civic del Sol	1.5	PC-1	S	TWC	1	U	3588020	3060009	ALL	D-280-97
1993	Honda	Civic del Sol	1.6	PC-1	S	TWC	1	U	3588020	3060009	ALL	D-280-97
1994	Honda	Civic del Sol	1.5	PC-1	S	TWC	1	U	3588020	3060009	ALL	D-280-97
1994	Honda	Civic del Sol	1.6	PC-1	S	TWC	1	U	3588020	3060009	ALL	D-280-97
1995	Honda	Civic del Sol	1.5	PC-1	S	TWC	1	U	3588020	3060009	ALL	D-280-97
1995	Honda	Civic del Sol	1.6	PC-1	S	TWC	1	U	3588020	3060009	ALL	D-280-97
JEEP												
1993	Jeep	Cherokee	2.5	T-1	S	TWC	1	U	3981024	3040007	ALL	D-280-94
1993	Jeep	Cherokee	4.0	T-1	S	TWC	1	U	3981024	3040007	ALL	D-280-94
1994	Jeep	Cherokee	2.5	T-1	S	TWC	1	U	3981024	3040007	ALL	D-280-94
1994	Jeep	Cherokee	4.0	T-1	S	TWC	1	U	3981024	3040007	ALL	D-280-94
1995	Jeep	Cherokee	2.5	T-1	S	TWC	1	U	3981024	3040007	ALL	D-280-94
1995	Jeep	Cherokee	4.0	T-1	S	TWC	1	U	3981024	3040007	ALL	D-280-94
1993	Jeep	Grand Cherokee	4.0	T-1	S	OC	1	U	3981024	3040007	ALL	D-280-94
1994	Jeep	Grand Cherokee	4.0	T-1	S	OC	1	U	3981024	3040007	ALL	D-280-94
1995	Jeep	Grand Cherokee	4.0	T-1	S	OC	1	U	3981024	3040007	ALL	D-280-94
PONTIAC												
1983	Pontiac	Firebird	5.0	PC-1	S	TWC	1	0	-	3010033	ALL	D-280-97

PRE OBD II APPLICATIONS

CALIFORNIA DIRECT-FIT CATALYTIC CONVERTERS



PRE OBD II APPLICATIONS

Model Year	Make	Model	Engine Size (liters)	Weight Class (see pg. 11)	Exhaust Config/Type	Converter Type	Total Converter(s)	Conv. Location	FLOWMASTER Universal Part #	FLOWMASTER Direct-fit Part #	Application Note	California Executive Order #
1984	Pontiac	Firebird	5.0	PC-1	S	TWC	1	0	-	3010033	ALL	D-280-97
1985	Pontiac	Firebird	5.0	PC-1	S	TWC	1	0	-	3010033	ALL	D-280-97
1986	Pontiac	Firebird	5.0	PC-1	S	TWC	1	0	-	3010033	ALL	D-280-97
1987	Pontiac	Firebird	5.0	PC-1	S	TWC	1	0	-	3010033	ALL	D-280-97
1988	Pontiac	Firebird	5.0	PC-1	S	TWC	1	0	-	3010033	ALL	D-280-97
1989	Pontiac	Firebird	5.0	PC-1	S	TWC	1	0	-	3010033	ALL	D-280-97
1993	Pontiac	Firebird	5.7	PC-1	S	TWC	1	U	3588030	3010052	ALL	D-280-97
1994	Pontiac	Firebird	5.7	PC-1	S	TWC	1	U	3588030	3010052	ALL	D-280-97
TOYOTA												
1985	Toyota	4Runner	2.4	T-1	S	TWC	1	U	-	3050010	ALL	D-280-94
1986	Toyota	4Runner	2.4	T-1	S	TWC	1	U	-	3050010	ALL	D-280-94
1987	Toyota	4Runner	2.4	T-1	S	TWC	1	U	-	3050010	ALL	D-280-94
1988	Toyota	4Runner	2.4	T-1	S	TWC	1	U	-	3050010	ALL	D-280-94
1988	Toyota	4Runner	3.0	T-1	S	TWC	1	U	3981024	3050012	ALL	D-280-94
1989	Toyota	4Runner	2.4	T-1	S	TWC	1	U	-	3050010	ALL	D-280-94
1989	Toyota	4Runner	3.0	T-1	S	TWC	1	U	3981024	3050012	ALL	D-280-94
1990	Toyota	4Runner	2.4	T-1	S	TWC	1	U	-	3050010	ALL	D-280-94
1990	Toyota	4Runner	3.0	T-1	S	TWC	1	U	3981024	3050012	ALL	D-280-94
1991	Toyota	4Runner	2.4	T-1	S	TWC	1	U	-	3050010	ALL	D-280-94
1991	Toyota	4Runner	3.0	T-1	S	TWC	1	U	3981024	3050012	ALL	D-280-94
1992	Toyota	4Runner	2.4	T-1	S	TWC	1	U	-	3050010	ALL	D-280-94
1992	Toyota	4Runner	3.0	T-1	S	TWC	1	U	3981024	3050012	ALL	D-280-94
1993	Toyota	4Runner	2.4	T-1	S	TWC	1	U	-	3050010	ALL	D-280-94
1993	Toyota	4Runner	3.0	T-1	S	TWC	1	U	3981024	3050012	ALL	D-280-94
1994	Toyota	4Runner	2.4	T-1	S	TWC	1	U	-	3050010	ALL	D-280-94
1994	Toyota	4Runner	3.0	T-1	S	TWC	1	U	3981024	3050012	ALL	D-280-94
1995	Toyota	4Runner	2.4	T-1	S	TWC	1	U	-	3050010	ALL	D-280-94
1995	Toyota	4Runner	3.0	T-1	S	TWC	1	U	3981024	3050012	ALL	D-280-94
1988	Toyota	Pickup	3.0	T-1	S	TWC	1	U	3981024	3050012	ALL	D-280-94
1989	Toyota	Pickup	2.4	T-1	S	TWC	1	U	3981024	3050012	4WD	D-280-94
1989	Toyota	Pickup	3.0	T-1	S	TWC	1	U	3981024	3050012	ALL	D-280-94
1990	Toyota	Pickup	2.4	T-1	S	TWC	1	U	3981024	3050012	4WD	D-280-94
1990	Toyota	Pickup	3.0	T-1	S	TWC	1	U	3981024	3050012	ALL	D-280-94
1991	Toyota	Pickup	2.4	T-1	S	TWC	1	U	3981024	3050012	4WD	D-280-94
1991	Toyota	Pickup	3.0	T-1	S	TWC	1	U	3981024	3050012	ALL	D-280-94
1992	Toyota	Pickup	2.4	T-1	S	TWC	1	U	3981024	3050012	4WD	D-280-94
1992	Toyota	Pickup	3.0	T-1	S	TWC	1	U	3981024	3050012	ALL	D-280-94
1995	Toyota	Pickup	3.0	T-1	S	TWC	1	U	3981024	3050012	ALL	D-280-94
1984	Toyota	Van	2.0	T-1	S	TWC	1	U	-	3050010	ALL	D-280-94
1985	Toyota	Van	2.0	T-1	S	TWC	1	U	-	3050010	ALL	D-280-94
1986	Toyota	Van	2.2	T-1	S	TWC	1	U	-	3050010	ALL	D-280-94
1987	Toyota	Van	2.2	T-1	S	TWC	1	U	-	3050010	ALL	D-280-94

3932030



16.5" OAL

3589025



16.5" OAL

3588025



14.5" OAL

3588030



14.5" OAL

3982025



16.50" OAL

3982030



16.50" OAL

OAL = Overall Assembly Length

OBDII

1996 AND LATER APPLICATIONS

NOTICE TO CATALOG USERS:

Listings in this catalog are based on the Executive Orders issued by the Air Resources Board.

Catalyst in this catalog must be used in accordance with this information. Engine family numbers and emission levels in this catalog must match the vehicle you are intending to install a converter on.

E.O. numbers are listed in the Numeric Section of this catalog and are for identification purposes only.

Model Year	Make	Model	Engine Size (liters)	Test Group Name (see pg. 09)	Certification Level (see pg. 09)	Conv. Location	FLOWMASTER Universal Part #	FLOWMASTER Direct-fit Part #	Application Note	California Executive Order #
CADILLAC										
1999	Cadillac	Escalade	5.7	XGMXA05.7185	LEV1 LEV	U	-	3010023	ALL	D-280-101
1999	Cadillac	Escalade	5.7	XGMXA05.7186	LEV1 LEV	U	-	3010023	ALL	D-280-101
1999	Cadillac	Escalade	5.7	XGMXA05.7187	TIER1	U	-	3010023	ALL	D-280-101
2000	Cadillac	Escalade	5.7	YGMXA05.7185	LEV1 LEV	U	-	3010023	ALL	D-280-101
2000	Cadillac	Escalade	5.7	YGMXA05.7194	TIER1	U	-	3010023	ALL	D-280-101
2000	Cadillac	Escalade	5.7	YGMXA05.7189	TIER1	U	-	3010023	ALL	D-280-101
CHEVROLET										
1996	Chevrolet	C1500	4.3	TGM4.35PGFEK	TIER1	U	3912030	3010050	ALL	D-280-101
1996	Chevrolet	C1500	5.0	TGM5.0HPG1EK	TIER1	U	3912030	3010050	ALL	D-280-101
1996	Chevrolet	C1500	5.0	TGM5.0JPG1EK	TIER1	U	3912030	3010050	ALL	D-280-101
1996	Chevrolet	C1500	5.7	TGM5.75PGFEK	TIER1	U	-	3010023	ALL	D-280-101
1996	Chevrolet	C1500	5.7	TGM5.75PG1EK	TIER1	U	-	3010023	ALL	D-280-101
1997	Chevrolet	C1500	5.0	VGM5.0HPG1EK	TIER1	U	3912030	3010050	ALL	D-280-101
1997	Chevrolet	C1500	5.0	VGM5.0JPG1EK	TIER1	U	3912030	3010050	ALL	D-280-101
1997	Chevrolet	C1500	5.7	VGM5.7HPG1EK	TIER1	U	-	3010023	ALL	D-280-101
1998	Chevrolet	C1500	4.3	WGMXA04.3190	TIER1	U	3912030	3010050	ALL	D-280-101
1998	Chevrolet	C1500	5.0	WGMXA05.0184	TIER1	U	3912030	3010050	ALL	D-280-101
1998	Chevrolet	C1500	5.7	WGMXA05.7182	TIER1	U	-	3010023	ALL	D-280-101
1998	Chevrolet	C1500	5.7	WGMXA05.7184	TIER1	U	-	3010023	ALL	D-280-101
1998	Chevrolet	C1500	5.7	WGMXA05.7187	TIER1	U	-	3010023	ALL	D-280-101
1999	Chevrolet	C1500	5.0	XGMXA05.0182	TIER1	U	3912030	3010050	ALL	D-280-101
1999	Chevrolet	C1500	5.0	XGMXA05.0184	TIER1	U	3912030	3010050	ALL	D-280-101
1999	Chevrolet	C1500	5.7	XGMXA05.7182	TIER1	U	-	3010023	ALL	D-280-101
1996	Chevrolet	C1500 Suburban	5.7	TGM5.75PG1GK	TIER1	U	-	3010023	ALL	D-280-101
1996	Chevrolet	C1500 Suburban	5.7	TGM5.75PGFEK	TIER1	U	-	3010023	ALL	D-280-101
1997	Chevrolet	C1500 Suburban	5.7	VGM5.7JPG1EK	TIER1	U	-	3010023	ALL	D-280-101
1997	Chevrolet	C1500 Suburban	5.7	VGM5.7JPG1GK	TIER1	U	-	3010023	ALL	D-280-101
1998	Chevrolet	C1500 Suburban	5.7	WGMXA05.7182	TIER1	U	-	3010023	ALL	D-280-101
1998	Chevrolet	C1500 Suburban	5.7	WGMXA05.7184	TIER1	U	-	3010023	ALL	D-280-101
1998	Chevrolet	C1500 Suburban	5.7	WGMXA05.7187	TIER1	U	-	3010023	ALL	D-280-101
1999	Chevrolet	C1500 Suburban	5.7	XGMXA05.7185	LEV1 LEV	U	-	3010023	ALL	D-280-101
1999	Chevrolet	C1500 Suburban	5.7	XGMXA05.7186	LEV1 LEV	U	-	3010023	ALL	D-280-101
1999	Chevrolet	C1500 Suburban	5.7	XGMXA05.7187	TIER1	U	-	3010023	ALL	D-280-101
1996	Chevrolet	C2500	5.0	TGM5.0HPG1EK	TIER1	U	3912030	3010050	ALL	D-280-101
1996	Chevrolet	C2500	5.7	TGM5.75PGFEK	TIER1	U	-	3010023	ALL	D-280-101
1996	Chevrolet	C2500	5.7	TGM5.7JPG1EK	TIER1	U	-	3010023	ALL	D-280-101
1998	Chevrolet	C2500	5.0	WGMXA05.0184	TIER1	U	3912030	3010050	ALL	D-280-101
1998	Chevrolet	C2500	5.7	WGMXA05.7182	TIER1	U	-	3010023	ALL	D-280-101
1998	Chevrolet	C2500	5.7	WGMXA05.7184	TIER1	U	-	3010023	ALL	D-280-101
1998	Chevrolet	C2500	5.7	WGMXA05.7187	TIER1	U	-	3010023	ALL	D-280-101
1999	Chevrolet	C2500	5.7	XGMXA05.7182	TIER1	U	-	3010023	ALL	D-280-101

OBD II APPLICATIONS

CALIFORNIA DIRECT-FIT CATALYTIC CONVERTERS



OBD II APPLICATIONS

Model Year	Make	Model	Engine Size (liters)	Test Group Name (see pg. 09)	Certification Level (see pg. 09)	Conv. Location	FLOWMASTER Universal Part #	FLOWMASTER Direct-fit Part #	Application Note	California Executive Order #
1999	Chevrolet	C2500	5.7	XGMXA05.7187	TIER1	U	-	3010023	ALL	D-280-101
2000	Chevrolet	C2500	5.7	YGMXA05.7191	TIER1	U	-	3010023	ALL	D-280-101
2000	Chevrolet	C2500	5.7	YGMXA05.7194	LEV1 LEV	U	-	3010023	ALL	D-280-101
1996	Chevrolet	C2500 Suburban	5.7	TGM5.76PGFEK	TIER1	U	-	3010023	ALL	D-280-101
1996	Chevrolet	C2500 Suburban	5.7	TGM5.7JPG1EK	TIER1	U	-	3010023	ALL	D-280-101
1998	Chevrolet	C2500 Suburban	5.7	WGMXA05.7185	LEV1 LEV	U	-	3010023	ALL	D-280-101
1998	Chevrolet	C2500 Suburban	5.7	WGMXA05.7186	LEV1 LEV	U	-	3010023	ALL	D-280-101
1998	Chevrolet	C2500 Suburban	5.7	WGMXA05.7187	TIER1	U	-	3010023	ALL	D-280-101
1999	Chevrolet	C2500 Suburban	5.7	XGMXA05.7185	LEV1 LEV	U	-	3010023	ALL	D-280-101
1999	Chevrolet	C2500 Suburban	5.7	XGMXA05.7186	LEV1 LEV	U	-	3010023	ALL	D-280-101
1999	Chevrolet	C2500 Suburban	5.7	XGMXA05.7187	TIER1	U	-	3010023	ALL	D-280-101
1996	Chevrolet	C3500	5.7	TGM5.75PGFEK	TIER1	U	-	3010023	ALL	D-280-101
1996	Chevrolet	C3500	5.7	TGM5.76PGFEK	TIER1	U	-	3010023	ALL	D-280-101
1996	Chevrolet	C3500	5.7	TGM5.7JPG1EK	TIER1	U	-	3010023	ALL	D-280-101
1998	Chevrolet	C3500	5.7	WGMXA05.7182	TIER1	U	-	3010023	ALL	D-280-101
1998	Chevrolet	C3500	5.7	WGMXA05.7184	TIER1	U	-	3010023	ALL	D-280-101
1998	Chevrolet	C3500	5.7	WGMXA05.7187	TIER1	U	-	3010023	ALL	D-280-101
1999	Chevrolet	C3500	5.7	XGMXA05.7182	TIER1	U	-	3010023	ALL	D-280-101
1999	Chevrolet	C3500	5.7	XGMXA05.7187	TIER1	U	-	3010023	ALL	D-280-101
2000	Chevrolet	C3500	5.7	YGMXA05.7191	TIER1	U	-	3010023	ALL	D-280-101
1996	Chevrolet	Camaro	5.7	TGM5.7V8GFEK	TIER1	R	-	3010058	ALL	D-280-100
1996	Chevrolet	Camaro	5.7	TGM5.7V8GFEK	TIER1	L	-	3010060	ALL	D-280-100
1997	Chevrolet	Camaro	5.7	VGM5.7V8G1EK	TIER1	R	-	3010058	ALL	D-280-100
1997	Chevrolet	Camaro	5.7	VGM5.7V8G1EK	TIER1	L	-	3010060	ALL	D-280-100
1998	Chevrolet	Camaro	5.7	WGMXV05.7082	TIER1	R	-	3010007	ALL	D-280-83
1998	Chevrolet	Camaro	5.7	WGMXV05.7082	TIER1	L	-	3010046	ALL	D-280-83
1999	Chevrolet	Camaro	5.7	XGMXV05.7082	TLEV	R	-	3010007	ALL	D-280-83
1999	Chevrolet	Camaro	5.7	XGMXV05.7082	TLEV	L	-	3010046	ALL	D-280-83
1997	Chevrolet	Corvette	5.7	VGM5.7V8G1EK	TIER1	U	3612025	3010061	ALL	D-280-83
1998	Chevrolet	Corvette	5.7	WGMXV05.7081	TIER1	U	3612025	3010061	ALL	D-280-83
1999	Chevrolet	Corvette	5.7	XGMXV05.7084	TIER1	U	3612025	3010061	ALL	D-280-83
2000	Chevrolet	Corvette	5.7	YGMXV05.7084	LEV1 LEV	U	3940124	3010059	ALL	D-280-100
2001	Chevrolet	Corvette	5.7	1GMXV05.7081	LEV1 LEV	U	3940024	3010059	ALL	D-280-100
2002	Chevrolet	Corvette	5.7	2GMXV05.7081	LEV1 LEV	U	3940024	3010059	ALL	D-280-100
2002	Chevrolet	Corvette	5.7	2GMXV05.7082	LEV1 LEV	U	3940024	3010059	ALL	D-280-100
2003	Chevrolet	Corvette	5.7	3GMXV05.7082	LEV1 LEV	U	3940024	3010059	ALL	D-280-100
2003	Chevrolet	Corvette	5.7	3GMXV05.7081	LEV1 LEV	U	3940024	3010059	ALL	D-280-100
1996	Chevrolet	K1500	4.3	TGM4.35PGFEK	TIER1	U	3912030	3010050	ALL	D-280-101
1996	Chevrolet	K1500	4.3	TGM4.38PGBEK	TIER1	U	3912030	3010050	ALL	D-280-101
1996	Chevrolet	K1500	4.3	TGM4.35PG8EK	TIER1	U	3912030	3010050	ALL	D-280-101
1996	Chevrolet	K1500	5.0	TGM5.0HPG1EK	TIER1	U	3912030	3010050	ALL	D-280-101
1996	Chevrolet	K1500	5.0	TGM5.0JPG1EK	TIER1	U	3912030	3010050	ALL	D-280-101

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1996	Chevrolet	K1500	5.7	TGM5.75PGFEK	TIER1	UR	3912024	3010023	ALL	D-280-101
1998	Chevrolet	K1500	4.3	WGMXA04.3190	TIER1	U	3912030	3010050	ALL	D-280-101
1998	Chevrolet	K1500	5.0	WGMXA05.0184	TIER1	U	3912030	3010050	ALL	D-280-101
1998	Chevrolet	K1500	5.0	WGMXA05.0182	TIER1	U	3912030	3010050	ALL	D-280-101
1999	Chevrolet	K1500	5.0	XGMXA05.0182	TIER1	U	3912030	3010050	ALL	D-280-101
1999	Chevrolet	K1500	5.0	XGMXA05.0184	TIER1	U	3912030	3010050	ALL	D-280-101
1999	Chevrolet	K1500	5.7	XGMXA05.7182	TIER1	U	-	3010023	ALL	D-280-101
1996	Chevrolet	K1500 Suburban	5.7	TGM5.76PGFEK	TIER1	U	-	3010023	ALL	D-280-101
1998	Chevrolet	K1500 Suburban	5.7	WGMXA05.7185	LEV1 LEV	U	-	3010023	ALL	D-280-101
1998	Chevrolet	K1500 Suburban	5.7	WGMXA05.7186	LEV1 LEV	U	-	3010023	ALL	D-280-101
1999	Chevrolet	K1500 Suburban	5.7	XGMXA05.7185	LEV1 LEV	U	-	3010023	ALL	D-280-101
1999	Chevrolet	K1500 Suburban	5.7	XGMXA05.7186	LEV1 LEV	U	-	3010023	ALL	D-280-101
1999	Chevrolet	K1500 Suburban	5.7	XGMXA05.7187	TIER1	U	-	3010023	ALL	D-280-101
1996	Chevrolet	K2500	5.7	TGM5.75PGFEK	TIER1	U	-	3010023	ALL	D-280-101
1996	Chevrolet	K2500	5.7	TGM5.76PGFEK	TIER1	U	-	3010023	ALL	D-280-101
1996	Chevrolet	K2500	5.7	TGM5.7JPGFEK	TIER1	U	-	3010023	ALL	D-280-101
1998	Chevrolet	K2500	5.0	WGMXA05.0184	TIER1	U	3912030	3010050	ALL	D-280-101
1998	Chevrolet	K2500	5.7	WGMXA05.7182	TIER1	U	-	3010023	ALL	D-280-101
1998	Chevrolet	K2500	5.7	WGMXA05.7184	TIER1	U	-	3010023	ALL	D-280-101
1998	Chevrolet	K2500	5.7	WGMXA05.7187	TIER1	U	-	3010023	ALL	D-280-101
1999	Chevrolet	K2500	5.7	XGMXA05.7182	TIER1	U	-	3010023	ALL	D-280-101
1999	Chevrolet	K2500	5.7	XGMXA05.7187	TIER1	U	-	3010023	ALL	D-280-101
2000	Chevrolet	K2500	5.7	YGMXA05.7191	TIER1	U	-	3010023	ALL	D-280-101
2000	Chevrolet	K2500	5.7	YGMXA05.7194	LEV1 LEV	U	-	3010023	ALL	D-280-101
1996	Chevrolet	K2500 Suburban	5.7	TGM5.7JPGFEK	TIER1	U	-	3010023	ALL	D-280-101
1996	Chevrolet	K2500 Suburban	5.7	TGM5.76PGFEK	TIER1	U	-	3010023	ALL	D-280-101
1998	Chevrolet	K2500 Suburban	5.7	WGMXA05.7185	LEV1 LEV	U	-	3010023	ALL	D-280-101
1998	Chevrolet	K2500 Suburban	5.7	WGMXA05.7186	LEV1 LEV	U	-	3010023	ALL	D-280-101
1998	Chevrolet	K2500 Suburban	5.7	WGMXA05.7187	TIER1	U	-	3010023	ALL	D-280-101
1996	Chevrolet	K3500	5.7	TGM5.76PGFEK	TIER1	U	-	3010023	ALL	D-280-101
1996	Chevrolet	K3500	5.7	TGM5.76PG1EK	TIER1	U	-	3010023	ALL	D-280-101
1998	Chevrolet	K3500	5.7	WGMXA05.7182	TIER1	U	-	3010023	ALL	D-280-101
1998	Chevrolet	K3500	5.7	WGMXA05.7184	TIER1	U	-	3010023	ALL	D-280-101
1998	Chevrolet	K3500	5.7	WGMXA05.7187	TIER1	U	-	3010023	ALL	D-280-101
1999	Chevrolet	K3500	5.7	XGMXA05.7182	TIER1	U	-	3010023	ALL	D-280-101
1999	Chevrolet	K3500	5.7	XGMXA05.7187	TIER1	U	-	3010023	ALL	D-280-101
2000	Chevrolet	K3500	5.7	YGMXA05.7191	TIER1	U	-	3010023	ALL	D-280-101
2000	Chevrolet	K3500	5.7	YGMXA05.7194	LEV1 LEV	U	-	3010023	ALL	D-280-101
1996	Chevrolet	S10	2.2	TGM2.218GFKEK	TIER1	U	3940225	3010047	ALL	D-280-100
1997	Chevrolet	S10	2.2	VGM2.218G1EK	TIER1	U	3940125	3010047	ALL	D-280-100
1998	Chevrolet	S10	2.2	WGMXT02.2122	TIER1	U	3940125	3010047	ALL	D-280-100
1999	Chevrolet	S10	2.2	XGMXT02.2122	TIER1	U	3940125	3010047	ALL	D-280-100

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2000	Chevrolet	S10	2.2	YGMXX02.2023	TLEV	U	3940125	3010047	ALL	D-280-100
2002	Chevrolet	S10	2.2	2GMXT02.2122	LEV1 LEV	F	3940125	3010047	2WD	D-280-100
2003	Chevrolet	S10	2.2	3GMXT02.2121	TLEV	U	3940125	3010047	2WD	D-280-100
2003	Chevrolet	S10	2.2	3GMXT02.2122	TLEV	U	3940125	3010047	2WD	D-280-100
1999	Chevrolet	Silverado 1500	4.3	XGMXA04.3195	TIER1	U	-	3010054	ALL	D280-101
1999	Chevrolet	Silverado 1500	4.3	XGMXA04.3194	TIER1	U	-	3010054	ALL	D280-101
1999	Chevrolet	Silverado 1500	4.3	XGMXA04.3194	LEV1 LEV	U	-	3010054	ALL	D280-101
1999	Chevrolet	Silverado 1500	4.8	XGMXA05.3183	LEV1 LEV	U	-	3010054	ALL	D280-101
1999	Chevrolet	Silverado 1500	4.8	XGMXA05.3185	LEV1 LEV	U	-	3010054	ALL	D280-101
1999	Chevrolet	Silverado 1500	4.8	XGMXA04.8184	TIER1	U	-	3010054	ALL	D280-101
1999	Chevrolet	Silverado 1500	5.3	XGMXA05.3185	LEV1 LEV	U	-	3010054	ALL	D280-101
1999	Chevrolet	Silverado 1500	5.3	XGMXA05.3183	LEV1 LEV	U	-	3010054	ALL	D280-101
2000	Chevrolet	Silverado 1500	4.3	YGMXA04.3190	LEV1 LEV	U	-	3010019	W/O FLAT SPOT IN MIDDLE PIPE	D-280-101
2000	Chevrolet	Silverado 1500	4.3	YGMXT04.3184	TIER1	U	-	3010019	W/O FLAT SPOT IN MIDDLE PIPE	D-280-101
2000	Chevrolet	Silverado 1500	4.3	YGMXA04.3190	LEV1 LEV	U	-	3010054	W/FLAT SPOT IN MIDDLE PIPE	D280-101
2000	Chevrolet	Silverado 1500	4.3	YGMXT04.3184	TIER1	U	-	3010054	W/FLAT SPOT IN MIDDLE PIPE	D280-101
2000	Chevrolet	Silverado 1500	4.3	YGMXA04.3190	TIER1	U	-	3010054	W/FLAT SPOT IN MIDDLE PIPE	D280-101
2000	Chevrolet	Silverado 1500	4.8	YGMXA05.3183	LEV1 LEV	U	-	3010019	W/O FLAT SPOT IN MIDDLE PIPE	D-280-101
2000	Chevrolet	Silverado 1500	4.8	YGMXT05.3181	TIER1	U	-	3010019	W/O FLAT SPOT IN MIDDLE PIPE	D-280-101
2000	Chevrolet	Silverado 1500	4.8	YGMXA05.3183	LEV1 LEV	U	-	3010054	W/FLAT SPOT IN MIDDLE PIPE	D280-101
2000	Chevrolet	Silverado 1500	4.8	YGMXT05.3181	TIER1	U	-	3010054	W/FLAT SPOT IN MIDDLE PIPE	D280-101
2000	Chevrolet	Silverado 1500	5.3	YGMXA05.3183	LEV1 LEV	U	-	3010019	W/O FLAT SPOT IN MIDDLE PIPE	D-280-101

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2000	Chevrolet	Silverado 1500	5.3	YGMXT05.3181	TIER1	U	-	3010019	W/O FLAT SPOT IN MIDDLE PIPE	D-280-101
2000	Chevrolet	Silverado 1500	5.3	YGMXA05.3183	LEV1 LEV	U	-	3010054	W/FLAT SPOT IN MIDDLE PIPE	D280-101
2000	Chevrolet	Silverado 1500	5.3	YGMXT05.3181	TIER1	U	-	3010054	W/FLAT SPOT IN MIDDLE PIPE	D280-101
2001	Chevrolet	Silverado 1500	4.3	1GMXA04.3190	LEV1 LEV	U	-	3010019	ALL	D-280-101
2001	Chevrolet	Silverado 1500	4.3	1GMXA04.3190	LEV1 LEV	U	-	3010019	ALL	D-280-101
2001	Chevrolet	Silverado 1500	4.8	1GMXA05.3183	LEV1 LEV	U	-	3010019	ALL	D-280-101
2001	Chevrolet	Silverado 1500	4.8	1GMXA05.3184	LEV1 LEV	U	-	3010019	ALL	D-280-101
2001	Chevrolet	Silverado 1500	5.3	1GMXA05.3183	LEV1 LEV	U	-	3010019	ALL	D-280-101
2001	Chevrolet	Silverado 1500	5.3	1GMXA05.3184	LEV1 LEV	U	-	3010019	ALL	D-280-101
2003	Chevrolet	Silverado 1500	4.3	3GMXT04.3184	LEV1 LEV	U	3912024	3010019	ALL	D-280-101
2003	Chevrolet	Silverado 1500	4.8	3GMXT05.3183	LEV1 LEV	U	-	3010019	ALL	D-280-101
2003	Chevrolet	Silverado 1500	4.8	3GMXT05.3184	LEV1 LEV	U	-	3010019	ALL	D-280-101
2004	Chevrolet	Silverado 1500	4.3	4GMXT05.3184	LEV1 LEV	U	-	3010019	ALL	D-280-101
2004	Chevrolet	Silverado 1500	5.3	4GMXT05.3170	LEV1 LEV	U	-	3010019	ALL	D-280-101
2006	Chevrolet	Silverado 1500	4.3	6GMXT04.3181	LEV1 LEV	U	-	3010019	ALL	D-280-101
2000	Chevrolet	Suburban 1500	5.3	YGMXA05.3184	LEV1 LEV	U	-	3010019	ALL	D-280-101
1996	Chevrolet	Tahoe	5.7	TGM5.75PGFEK	TIER1	U	-	3010023	ALL	D-280-101
1996	Chevrolet	Tahoe	5.7	TGM5.76PGFEK	TIER1	U	-	3010023	ALL	D-280-101
1998	Chevrolet	Tahoe	5.7	WGMXA05.7185	LEV1 LEV	U	-	3010023	ALL	D-280-101
1998	Chevrolet	Tahoe	5.7	WGMXA05.7186	LEV1 LEV	U	-	3010023	ALL	D-280-101
1999	Chevrolet	Tahoe	5.7	XGMXA05.7185	LEV1 LEV	U	-	3010023	ALL	D-280-101
1999	Chevrolet	Tahoe	5.7	XGMXA05.7186	LEV1 LEV	U	-	3010023	ALL	D-280-101
1999	Chevrolet	Tahoe	5.7	XGMXA05.7187	TIER1	U	-	3010023	ALL	D-280-101
2000	Chevrolet	Tahoe	5.3	YGMXA05.3184	LEV1 LEV	U	-	3010019	ALL	D-280-101
2000	Chevrolet	Tahoe	5.3	YGMXA05.7185	LEV1 LEV	U	-	3010019	ALL	D-280-101
2000	Chevrolet	Tahoe	5.7	YGMXA05.7185	LEV1 LEV	U	-	3010023	ALL	D-280-101
2000	Chevrolet	Tahoe	5.7	YGMXA05.7194	LEV1 LEV	U	-	3010023	ALL	D-280-101
2000	Chevrolet	Tahoe	5.7	YGMXT05.7188	TIER1	U	-	3010023	ALL	D-280-101
2001	Chevrolet	Tahoe	4.8	1GMXA05.3184	LEV1 LEV	U	-	3010019	ALL	D-280-101
2001	Chevrolet	Tahoe	5.3	1GMXA05.3184	LEV1 LEV	U	-	3010019	ALL	D-280-101
2003	Chevrolet	Tahoe	4.8	3GMXT05.3184	LEV1 LEV	U	-	3010019	ALL	D-280-101
2002	Chevrolet	Trailblazer	4.2	2GMXA04.2187	LEV1 LEV	U	3912024	3010051	ALL	D-280-101
2002	Chevrolet	Trailblazer	4.2	2GMXA04.2185	LEV1 LEV	U	3912024	3010051	ALL	D-280-101
2003	Chevrolet	Trailblazer	4.2	3GMXT04.2185	LEV1 LEV	U	3912024	3010051	ALL	D-280-101
2003	Chevrolet	Trailblazer	4.2	3GMXA04.2187	LEV1 LEV	U	3910124	3010051	ALL	D-280-101

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DODGE										
1996	Dodge	Ram 1500	3.9	TCR239H8G1EK	TIER1	U	3912220	3030004	ALL	D-280-101
1996	Dodge	Ram 1500	5.2	TCR31828G1EK	TIER1	U	3912220	3030004	ALL	D-280-101
1996	Dodge	Ram 1500	5.2	TCR360H8G1EK	TIER1	U	3912220	3030004	ALL	D-280-101
1996	Dodge	Ram 1500	5.2	TCR360J8G1EK	TIER1	U	3912220	3030004	ALL	D-280-101
1996	Dodge	Ram 1500	5.9	TCR360J8G1EK	TIER1	U	3912220	3030004	ALL	D-280-101
1997	Dodge	Ram 1500	3.9	VCR239H8G1EK	TIER1	U	3912220	3030004	ALL	D-280-101
1997	Dodge	Ram 1500	5.2	VCR318H8G1EK	TIER1	U	3912220	3030004	ALL	D-280-101
1997	Dodge	Ram 1500	5.9	VCR360J8G1EK	TIER1	U	3912220	3030004	ALL	D-280-101
1997	Dodge	Ram 1500	5.9	VCR360H8G1EL	TIER1	U	3912220	3030004	ALL	D-280-101
1997	Dodge	Ram 1500	5.9	VCR360J8G1EL	TIER1	U	3912220	3030004	ALL	D-280-101
1998	Dodge	Ram 1500	3.9	WCRXA0318H11	TIER1	U	3912220	3030004	ALL	D-280-101
1998	Dodge	Ram 1500	3.9	WCRXA0239H11	TIER1	U	3912220	3030004	ALL	D-280-101
1998	Dodge	Ram 1500	5.2	WCRXA0318H11	TIER1	U	3912220	3030004	ALL	D-280-101
1998	Dodge	Ram 1500	5.9	WCRXA0360H13	TIER1	U	3912220	3030004	ALL	D-280-101
1998	Dodge	Ram 1500	5.9	WCRXA0360H31	LEV1 LEV	U	3912220	3030004	ALL	D-280-101
1998	Dodge	Ram 1500	5.9	WCRXA0360H32	LEV1 LEV	U	3912220	3030004	ALL	D-280-101
1998	Dodge	Ram 1500	5.9	WCRXA0360J31	LEV1 LEV	U	3912220	3030004	ALL	D-280-101
1999	Dodge	Ram 1500	5.2	XCRXA0318H11	TIER1	U	3912220	3030004	ALL	D-280-101
1999	Dodge	Ram 1500	5.2	XCRXA0360J11	TIER1	U	3912220	3030004	ALL	D-280-101
1999	Dodge	Ram 1500	5.9	XCRXA0360J11	TIER1	U	3912220	3030004	ALL	D-280-101
1999	Dodge	Ram 1500	5.9	XCRXA0360J31	LEV1 LEV	U	3912220	3030004	ALL	D-280-101
2000	Dodge	Ram 1500	5.2	YCRXA0360H11	TIER1	U	3912220	3030014	ALL	D-280-101
2000	Dodge	Ram 1500	5.9	YCRXA0360J11	TIER1	U	3912220	3030014	ALL	D-280-101
2001	Dodge	Ram 1500	5.2	1CRXA0360J11	TIER1	U	3912220	3030014	ALL	D-280-101
2001	Dodge	Ram 1500	5.2	1CRXT05.95B1	TIER1	U	3912220	3030014	ALL	D-280-101
2001	Dodge	Ram 1500	5.2	1CRXT05.95B8	TIER1	U	3912220	3030014	ALL	D-280-101
2001	Dodge	Ram 1500	5.9	1CRXA0360J11	TIER1	U	3912220	3030014	ALL	D-280-101
2001	Dodge	Ram 1500	5.9	1CRXA0360K11	TIER1	U	3912220	3030014	ALL	D-280-101
2001	Dodge	Ram 1500	5.9	1CRXT05.95B1	TIER1	U	3912220	3030014	ALL	D-280-101
2001	Dodge	Ram 1500	5.9	1CRXT05.95B8	TIER1	U	3912220	3030014	ALL	D-280-101
1996	Dodge	Ram 2500	5.2	TCR31828G1EK	TIER1	U	3912220	3030004	ALL	D-280-101
1996	Dodge	Ram 2500	5.2	TCR360H8G1EK	TIER1	U	3912220	3030004	ALL	D-280-101
1996	Dodge	Ram 2500	5.2	TCR360J8G1EK	TIER1	U	3912220	3030004	ALL	D-280-101
1996	Dodge	Ram 2500	5.9	TCR360J8G1EK	TIER1	U	3912220	3030004	ALL	D-280-101
1997	Dodge	Ram 2500	5.9	VCR360J8G1EK	TIER1	U	3912220	3030004	ALL	D-280-101
1997	Dodge	Ram 2500	5.9	VCR360H8G1EL	TIER1	U	3912220	3030004	ALL	D-280-101
1997	Dodge	Ram 2500	5.9	VCR360J8G1EL	TIER1	U	3912220	3030004	ALL	D-280-101
1998	Dodge	Ram 2500	5.9	WCRXA0360H13	TIER1	U	3912220	3030004	ALL	D-280-101
1998	Dodge	Ram 2500	5.9	WCRXA0360H31	LEV1 LEV	U	3912220	3030004	ALL	D-280-101
1998	Dodge	Ram 2500	5.9	WCRXA0360H32	LEV1 LEV	U	3912220	3030004	ALL	D-280-101
1998	Dodge	Ram 2500	5.9	WCRXA0360J31	LEV1 LEV	U	3912220	3030004	ALL	D-280-101

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1999	Dodge	Ram 2500	5.9	XCRXA0360J11	TIER1	U	3912220	3030004	ALL	D-280-101
1999	Dodge	Ram 2500	5.9	XCRXA0360J31	LEV1 LEV	U	3912220	3030004	ALL	D-280-101
2000	Dodge	Ram 2500	5.2	YCRXA0360H11	TIER1	U	3912220	3030014	ALL	D-280-101
2000	Dodge	Ram 2500	5.9	YCRXA0360J11	TIER1	U	3912220	3030014	ALL	D-280-101
2001	Dodge	Ram 2500	5.9	1CRXA0360J11	TIER1	U	3912220	3030014	ALL	D-280-101
2001	Dodge	Ram 2500	5.9	1CRXA0360K11	TIER1	U	3912220	3030014	ALL	D-280-101
2000	Dodge	Ram 3500	5.9	YCRXA0360J11	TIER1	U	3912220	3030014	ALL	D-280-101
2001	Dodge	Ram 3500	5.9	1CRXA0360J11	TIER1	U	3912220	3030014	ALL	D-280-101
2001	Dodge	Ram 3500	5.9	1CRXA0360K11	TIER1	U	3912220	3030014	ALL	D-280-101
FORD										
1996	Ford	Ranger	2.3	TFM2.318G1EK	TIER1	U	-	3020058	ALL	D280-83
1997	Ford	Ranger	2.3	VFM2.318G1EK	TIER1	U	-	3020058	ALL	D280-83
GMC										
1996	GMC	C1500	4.3	TGM4.38PGBEK	TIER1	U	3912030	3010050	ALL	D280-101
1996	GMC	C1500	4.3	TGM4.35PGFEK	TIER1	U	3912030	3010050	ALL	D280-101
1996	GMC	C1500	5.0	TGM5.0HPG1EK	TIER1	U	3912030	3010050	ALL	D280-101
1996	GMC	C1500	5.0	TGM5.0JPG1EK	TIER1	U	3912030	3010050	ALL	D280-101
1996	GMC	C1500	5.7	TGM5.75PGFEK	TIER1	U	3912024	3010023	ALL	D-280-101
1996	GMC	C1500	5.7	TGM5.76PGFEK	TIER1	U	3912024	3010023	ALL	D-280-101
1997	GMC	C1500	5.0	VGM5.0HPG1EK	TIER1	U	3912030	3010050	ALL	D280-101
1997	GMC	C1500	5.0	VGM5.0JPG1EK	TIER1	U	3912030	3010050	ALL	D280-101
1999	GMC	C1500	5.7	XFMXA05.7182	TIER1	U	3912024	3010023	ALL	D-280-101
1996	GMC	C1500 Suburban	5.7	TGM5.75PGFEK	TIER1	U	3912024	3010023	ALL	D-280-101
1996	GMC	C1500 Suburban	5.7	TGM5.76PGFEK	TIER1	U	3912024	3010023	ALL	D-280-101
1997	GMC	C1500 Suburban	5.7	VGM5.7HPG1EK	TIER1	U	3912024	3010023	ALL	D-280-101
1997	GMC	C1500 Suburban	5.7	VGM5.7JPG1EK	TIER1	U	3912024	3010023	ALL	D-280-101
1997	GMC	C1500 Suburban	5.7	VGM5.7JPG1GK	TIER1	U	3912024	3010023	ALL	D-280-101
1996	GMC	C2500	5.0	TGM5.0HPG1EK	TIER1	U	3912030	3010050	ALL	D280-101
1996	GMC	C2500	5.0	TGM5.0JPG1EK	TIER1	U	3912030	3010050	ALL	D280-101
1996	GMC	C2500	5.7	TGM5.75PGFEK	TIER1	U	3912024	3010023	ALL	D-280-101
1996	GMC	C2500	5.7	TGM5.76PGFEK	TIER1	U	3912024	3010023	ALL	D-280-101
1996	GMC	C2500	5.7	TGM5.7JPG1EK	TIER1	U	3912024	3010023	ALL	D-280-101
1996	GMC	C2500 Suburban	5.7	TGM5.75PGFEK	TIER1	U	3912024	3010023	ALL	D-280-101
1996	GMC	C2500 Suburban	5.7	TGM5.76PGFEK	TIER1	U	3912024	3010023	ALL	D-280-101
1996	GMC	C2500 Suburban	5.7	TGM5.7JPG1EK	TIER1	U	3912024	3010023	ALL	D-280-101
1996	GMC	C3500	5.7	TGM5.75PGFEK	TIER1	U	3912024	3010023	ALL	D-280-101
1996	GMC	C3500	5.7	TGM5.76PGFEK	TIER1	U	3912024	3010023	ALL	D-280-101
1996	GMC	C3500	5.7	TGM5.7JPG1EK	TIER1	U	3912024	3010023	ALL	D-280-101
2002	GMC	Envoy	4.2	2GMXA04.2187	LEV1 LEV	U	3912025	3010051	ALL	D280-101
2002	GMC	Envoy	4.2	2GMXA04.2185	LEV1 LEV	U	3912025	3010051	ALL	D280-101
2003	GMC	Envoy	4.2	3GMXA04.2187	LEV1 LEV	U	3912024	3010051	ALL	D280-101
2003	GMC	Envoy	4.2	3GMXT04.2185	LEV1 LEV	U	3912025	3010051	ALL	D280-101

OBD II APPLICATIONS

CALIFORNIA DIRECT-FIT CATALYTIC CONVERTERS



Model Year	Make	Model	Engine Size (liters)	Test Group Name (see pg. 09)	Certification Level (see pg. 09)	Conv. Location	FLOWMASTER Universal Part #	FLOWMASTER Direct-fit Part #	Application Note	California Executive Order #
1996	GMC	G3500	5.7	TGM5.75PGFEK	TIER1	U	3912024	3010023	ALL	D-280-101
1996	GMC	G3500	5.7	TGM5.7JPG1EK	TIER1	U	3912024	3010023	ALL	D-280-101
1996	GMC	K1500	4.3	TGM4.38PGBEK	TIER1	U	3912030	3010050	ALL	D280-101
1996	GMC	K1500	4.3	TGM4.35PGFEK	TIER1	U	3912030	3010050	ALL	D280-101
1996	GMC	K1500	5.0	TGM5.0HPG1EK	TIER1	U	3912030	3010050	ALL	D280-101
1996	GMC	K1500	5.0	TGM5.0JPG1EK	TIER1	U	3912030	3010050	ALL	D280-101
1996	GMC	K2500	4.3	TGM4.38PGBEK	TIER1	U	3912030	3010050	ALL	D280-101
1996	GMC	K2500	5.7	TGM5.75PGFEK	TIER1	U	3912024	3010023	ALL	D-280-101
1996	GMC	K2500	5.7	TGM5.76PGFEK	TIER1	U	3912024	3010023	ALL	D-280-101
1996	GMC	K2500	5.7	TGM5.7JPGFEK	TIER1	U	3912024	3010023	ALL	D-280-101
1996	GMC	K2500 Suburban	5.7	TGM5.75PGFEK	TIER1	U	3912024	3010023	ALL	D-280-101
1996	GMC	K2500 Suburban	5.7	TGM5.76PGFEK	TIER1	U	3912024	3010023	ALL	D-280-101
1996	GMC	K2500 Suburban	5.7	TGM5.7JPGFEK	TIER1	U	3912024	3010023	ALL	D-280-101
1996	GMC	K3500	5.7	TGM5.75PGFEK	TIER1	U	3912024	3010023	ALL	D-280-101
1996	GMC	K3500	5.7	TGM5.76PGFEK	TIER1	U	3912024	3010023	ALL	D-280-101
1996	GMC	K3500	5.7	TGM5.7JPGFEK	TIER1	U	3912024	3010023	ALL	D-280-101
1999	GMC	Sierra 1500	4.3	XGMXA04.3195	TIER1	U	3912025	3010054	ALL	D280-101
1999	GMC	Sierra 1500	4.3	XGMXA04.3194	TIER1	U	3912025	3010054	ALL	D280-101
2000	GMC	Sierra 1500	4.3	YGMXA04.3190	LEV1 LEV	U	3912025	3010019	W/O FLAT SPOT IN MIDDLE PIPE	D-280-101
2000	GMC	Sierra 1500	4.3	YGMXT04.3184	TIER1	U	3912025	3010019	W/O FLAT SPOT IN MIDDLE PIPE	D-280-101
2000	GMC	Sierra 1500	4.3	YGMXA04.3190	LEV1 LEV	U	-	3010054	W/FLAT SPOT IN MIDDLE PIPE	D280-101
2000	GMC	Sierra 1500	4.3	YGMXT04.3184	TIER1	U	-	3010054	W/FLAT SPOT IN MIDDLE PIPE	D280-101
2000	GMC	Sierra 1500	4.8	YGMXA05.3183	LEV1 LEV	U	3912025	3010019	W/O FLAT SPOT IN MIDDLE PIPE	D-280-101
2000	GMC	Sierra 1500	4.8	YGMXT05.3181	TIER1	U	3912025	3010019	W/O FLAT SPOT IN MIDDLE PIPE	D-280-101
2000	GMC	Sierra 1500	4.8	YGMXA05.3183	LEV1 LEV	U	-	3010054	W/FLAT SPOT IN MIDDLE PIPE	D280-101
2000	GMC	Sierra 1500	4.8	YGMXT05.3181	TIER1	U	-	3010054	W/FLAT SPOT IN MIDDLE PIPE	D280-101

Model Year	Make	Model	Engine Size (liters)	Test Group Name (see pg. 09)	Certification Level (see pg. 09)	Conv. Location	FLOWMASTER Universal Part #	FLOWMASTER Direct-fit Part #	Application Note	California Executive Order #
2000	GMC	Sierra 1500	5.3	YGMXA05.3183	LEV1 LEV	U	-	3010019	W/O FLAT SPOT IN MIDDLE PIPE	D-280-101
2000	GMC	Sierra 1500	5.3	YGMXT05.3181	TIER1	U	-	3010019	W/O FLAT SPOT IN MIDDLE PIPE	D-280-101
2000	GMC	Sierra 1500	5.3	YGMXA05.3183	LEV1 LEV	U	-	3010054	W/FLAT SPOT IN MIDDLE PIPE	D280-101
2000	GMC	Sierra 1500	5.3	YGMXT05.3181	TIER1	U	-	3010054	W/FLAT SPOT IN MIDDLE PIPE	D280-101
2001	GMC	Sierra 1500	4.3	1GMXA04.3190	LEV1 LEV	U	-	3010019	W/O FLAT SPOT IN MIDDLE PIPE	D-280-101
2001	GMC	Sierra 1500	4.3	1GMXA04.3190	LEV1 LEV	U	-	3010019	W/O FLAT SPOT IN MIDDLE PIPE	D-280-101
2001	GMC	Sierra 1500	4.8	1GMXA05.3183	LEV1 LEV	U	-	3010019	ALL	D-280-101
2001	GMC	Sierra 1500	4.8	1GMXA05.3184	LEV1 LEV	U	-	3010019	ALL	D-280-101
2001	GMC	Sierra 1500	5.3	1GMXA05.3183	LEV1 LEV	U	-	3010019	ALL	D-280-101
2001	GMC	Sierra 1500	5.3	1GMXA05.3184	LEV1 LEV	U	-	3010019	ALL	D-280-101
2003	GMC	Sierra 1500	4.3	3GMXT04.3184	LEV1 LEV	U	-	3010019	ALL	D-280-101
2003	GMC	Sierra 1500	4.8	3GMXT05.3183	LEV1 LEV	U	3910124	3010019	ALL	D-280-101
2003	GMC	Sierra 1500	4.8	3GMXT05.3184	LEV1 LEV	U	3912024	3010019	ALL	D-280-101
2003	GMC	Sierra 1500	5.3	3GMXT05.3183	LEV1 LEV	U	-	3010019	ALL	D-280-101
1996	GMC	Sonoma	2.2	TGM2.218GF EK	TIER1	U	3940125	3010047	ALL	D280-100
1997	GMC	Sonoma	2.2	VGM2.218G1 EK	TIER1	U	3940125	3010047	ALL	D280-100
1998	GMC	Sonoma	2.2	WGMXT02.2122	TIER1	U	3940125	3010047	ALL	D280-100
1999	GMC	Sonoma	2.2	XGMXT02.2122	TIER1	U	3940125	3010047	ALL	D280-100
2000	GMC	Sonoma	2.2	YGMXX02.2023	TLEV	U	3940125	3010047	ALL	D280-100
2002	GMC	Sonoma	2.2	2GMXT02.2122	LEV1 LEV	F	3940125	3010047	2WD	D280-100
2003	GMC	Sonoma	2.2	3GMXT02.2121	TLEV	U	3940125	3010047	2WD	D280-100
2003	GMC	Sonoma	2.2	3GMXT02.2122	TLEV	U	3940125	3010047	2WD	D280-100
1996	GMC	Yukon	5.7	TGM5.75PGFEK	TIER1	U	3912024	3010023	ALL	D-280-101
1996	GMC	Yukon	5.7	TGM5.76PGFEK	TIER1	U	-	3010023	ALL	D-280-101
1998	GMC	Yukon	5.7	WGMXA05.7185	LEV1 LEV	U	3912024	3010023	ALL	D-280-101
1998	GMC	Yukon	5.7	WGMXA05.7186	LEV1 LEV	U	3912024	3010023	ALL	D-280-101
1999	GMC	Yukon	5.7	XGMXA05.7186	LEV1 LEV	U	3912024	3010023	ALL	D-280-101
1999	GMC	Yukon	5.7	XGMXA05.7187	TIER1	U	-	3010023	ALL	D-280-101
2000	GMC	Yukon	5.3	YGMXA05.3184	LEV1 LEV	U	3912025	3010019	ALL	D-280-101
2000	GMC	Yukon	5.3	YGMXA05.7185	LEV1 LEV	U	3912025	3010019	ALL	D-280-101
2000	GMC	Yukon	5.7	YGMXA05.7185	LEV1 LEV	U	-	3010023	ALL	D-280-101

OBD II APPLICATIONS

CALIFORNIA DIRECT-FIT CATALYTIC CONVERTERS



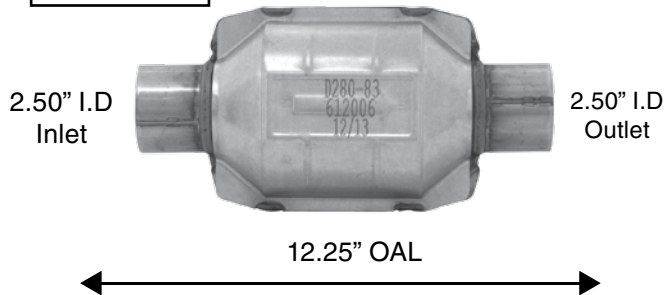
Model Year	Make	Model	Engine Size (liters)	Test Group Name (see pg. 09)	Certification Level (see pg. 09)	Conv. Location	FLOWMASTER Universal Part #	FLOWMASTER Direct-fit Part #	Application Note	California Executive Order #
2000	GMC	Yukon	5.7	YGMXA05.7194	LEV1 LEV	U	-	3010023	ALL	D-280-101
2001	GMC	Yukon	4.8	1GMXA05.3184	LEV1 LEV	U	3912024	3010019	ALL	D-280-101
2001	GMC	Yukon	5.3	1GMXA05.3184	LEV1 LEV	U	3912025	3010019	ALL	D-280-101
2003	GMC	Yukon	4.8	3GMXT05.3184	LEV1 LEV	U	3912024	3010019	ALL	D-280-101
2000	GMC	Yukon XL 1500	5.3	YGMXA05.3184	LEV1 LEV	U	3912025	3010019	ALL	D-280-101
HONDA										
2000	Honda	Accord	2.3	YHNXV02.3PF2	LEV1 LEV	U	-	3060008	ALL	D280-100
2000	Honda	Accord	2.3	YHNXV02.3PF3	LEV1 LEV	U	-	3060008	ALL	D280-100
2001	Honda	Accord	2.3	1HNXV02.3VH2	LEV1 LEV	U	-	3060008	ALL	D280-100
2002	Honda	Accord	2.3	2HNXV02.3RDA	LEV1 LEV	U	-	3060008	ALL	D280-100
ISUZU										
2003	Isuzu	Ascender	4.2	3GMXA04.2187	LEV1 LEV	U	3912025	3010051	ALL	D280-101
1996	Isuzu	Hombre	2.2	TGM2.218GFKEK	TIER1	U	3940125	3010047	ALL	D280-100
1997	Isuzu	Hombre	2.2	VGM2.218G1EK	TIER1	U	3940125	3010047	ALL	D280-100
1998	Isuzu	Hombre	2.2	WGMXT02.2122	TIER1	U	3940125	3010047	ALL	D280-100
1999	Isuzu	Hombre	2.2	XGMXT02.2122	TIER1	U	3940125	3010047	ALL	D280-100
2000	Isuzu	Hombre	2.2	YGMXX02.2023	TLEV	U	3940125	3010047	ALL	D280-100
JEEP										
1996	Jeep	Cherokee	4.0	TCR24228G1FK	TIER1	U	3912025	3040005	ALL	D280-101
1997	Jeep	Cherokee	4.0	VCR24228G1EK	TIER1	U	3912025	3040005	4WD	D280-101
1996	Jeep	Grand Cherokee	4.0	TCR24228G1EK	TIER1	U	3912025	3040005	ALL	D280-101
1997	Jeep	Grand Cherokee	4.0	VCR24228G1EK	TIER1	U	3912025	3040005	ALL	D280-101
1997	Jeep	Grand Cherokee	5.2	VCR36028G1EK	TIER1	U	3912025	3040005	ALL	D280-101
1998	Jeep	Grand Cherokee	5.2	WCRT03360211	TIER1	U	3912025	3040005	ALL	D280-101
1998	Jeep	Grand Cherokee	5.9	WCRT03360211	TIER1	U	3912025	3040005	ALL	D280-101
PONTIAC										
1996	Pontiac	Firebird	5.7	TGM5.7V8GFKEK	TIER1	R	-	3010058	ALL	D-280-100
1996	Pontiac	Firebird	5.7	TGM5.7V8GFKEK	TIER1	L	-	3010060	ALL	D280-100
1997	Pontiac	Firebird	5.7	VGM5.7V8G1EK	TIER1	R	-	3010058	ALL	D-280-100
1997	Pontiac	Firebird	5.7	VGM5.7V8G1EK	TIER1	L	-	3010060	ALL	D280-100
1998	Pontiac	Firebird	5.7	WGMXV05.7082	TIER1	R	-	3010007	ALL	D280-83
1998	Pontiac	Firebird	5.7	WGMXV05.7082	TIER1	L	-	3010046	ALL	D280-83
1999	Pontiac	Firebird	5.7	XGMXV05.7082	TLEV	R	-	3010007	ALL	D280-83
1999	Pontiac	Firebird	5.7	XGMXV05.7082	TLEV	L	-	3010046	ALL	D280-83
TOYOTA										
1996	Toyota	4Runner	2.7	TTY2.72HGKEK	TIER1	U	3912025	3050013	ALL	D280-101
1997	Toyota	4Runner	2.7	VTY2.72JGKEK	TIER1	U	3912025	3050013	ALL	D280-101
1998	Toyota	4Runner	2.7	WTYXT02.7BBH	TIER1	U	3912025	3050013	ALL	D280-101
1999	Toyota	4Runner	2.7	XTYXT02.7BBP	TIER1	U	3912025	3050013	ALL	D280-101
1995	Toyota	Tacoma	3.4	STY3.42JGFEK	TIER1	U	3912025	3050013	ALL	D280-101
1996	Toyota	Tacoma	3.4	TTY3.42JGJGK	TIER1	U	3912025	3050013	4WD	D280-101
1997	Toyota	Tacoma	3.4	VTY3.42JG2GK	TLEV	U	3912025	3050013	4WD	D280-101

Model Year	Make	Model	Engine Size (liters)	Test Group Name (see pg. 09)	Certification Level (see pg. 09)	Conv. Location	FLOWMASTER Universal Part #	FLOWMASTER Direct-fit Part #	Application Note	California Executive Order #
1998	Toyota	Tacoma	3.4	WTYXT03.4DBP	TLEV	U	3912025	3050013	ALL	D280-101
1999	Toyota	Tacoma	2.7	XTYXT02.7BBP	TIER1	U	3912025	3050013	ALL	D280-101
1999	Toyota	Tacoma	3.4	XTYXT03.4DBP	TLEV	U	3912025	3050013	ALL	D280-101
2000	Toyota	Tacoma	3.4	YTYXT03.4FFR	LEV1 LEV	R	-	3050014	CALIFORNIA EMISSIONS	D280-101
2000	Toyota	Tacoma	3.4	YTYXT03.4FFR	LEV1 LEV	F	3912025	3050015	ALL	D280-101
2001	Toyota	Tacoma	3.4	1TYXT03.4FFP	LEV1 LEV	R	3912025	3050014	ALL	D280-101
2001	Toyota	Tacoma	3.4	1TYXT03.4FFP	LEV1 LEV	F	3912025	3050015	ALL	D280-101
2002	Toyota	Tacoma	3.4	2TYXT03.4FFH	LEV1 LEV	R	3912025	3050014	ALL	D280-101
2002	Toyota	Tacoma	3.4	2TYXT03.4FFP	LEV1 LEV	R	3912025	3050014	ALL	D280-101
2002	Toyota	Tacoma	3.4	2TYXT03.4FFH	LEV1 LEV	F	3912025	3050015	ALL	D280-101
2002	Toyota	Tacoma	3.4	2TYXT03.4FFP	LEV1 LEV	F	3912025	3050015	ALL	D280-101
2003	Toyota	Tacoma	3.4	3TYXT03.4FFH	LEV1 LEV	R	3912025	3050014	ALL	D280-101
2003	Toyota	Tacoma	3.4	3TYXT03.4FFP	LEV1 LEV	R	3912025	3050014	ALL	D280-101
2003	Toyota	Tacoma	3.4	3TYXT03.4FFH	LEV1 LEV	F	3912025	3050015	ALL	D280-101
2003	Toyota	Tacoma	3.4	3TYXT03.4FFP	LEV1 LEV	F	3912025	3050015	ALL	D280-101
2004	Toyota	Tacoma	3.4	4TYXT03.4VRH	LEV1 LEV	R	3912025	3050014	ALL	D280-101
2004	Toyota	Tacoma	3.4	4TYXT03.4VRM	LEV1 LEV	R	3912025	3050014	ALL	D280-101
2004	Toyota	Tacoma	3.4	4TYXT03.4VRH	LEV1 LEV	F	3912025	3050015	ALL	D280-101
2004	Toyota	Tacoma	3.4	4TYXT03.4VRM	LEV1 LEV	F	3912025	3050015	ALL	D280-101
2001	Toyota	Tundra	3.4	1TYXT03.4FFP	LEV1 LEV	F	3912025	3050015	ALL	D280-101
2002	Toyota	Tundra	3.4	2TYXT03.4FFP	LEV1 LEV	F	3912025	3050015	ALL	D280-101
2003	Toyota	Tundra	3.4	3TYXT03.4FFP	LEV1 LEV	F	3912025	3050015	ALL	D280-101
2004	Toyota	Tundra	3.4	4TYXT03.4VRM	LEV1 LEV	F	3912025	3050015	ALL	D280-101

OBD II NUMERICAL LISTINGS

CALIFORNIA DIRECT-FIT CATALYTIC CONVERTERS

3612025



3940024



3910124



3940125



3912024



3940225



3912030



3940124



OAL = Overall Assembly Length

THE LEADER IN EXHAUST TECHNOLOGY

PERFORMANCE MUFFLERS

COMPLETE EXHAUST SYSTEMS

CATALYTIC CONVERTERS

PERFORMANCE HEADERS

**OUTLAW
SERIES**

**AMERICAN
THUNDER**

**PRO
SERIES**

**dBX
SERIES**

FORCE II

**Super
HP-2**

**SCAVENGER
SERIES ELITE HEADERS**

**COOL
SHELL
TECHNOLOGY**

**DELTA
FLOW
TECHNOLOGY**

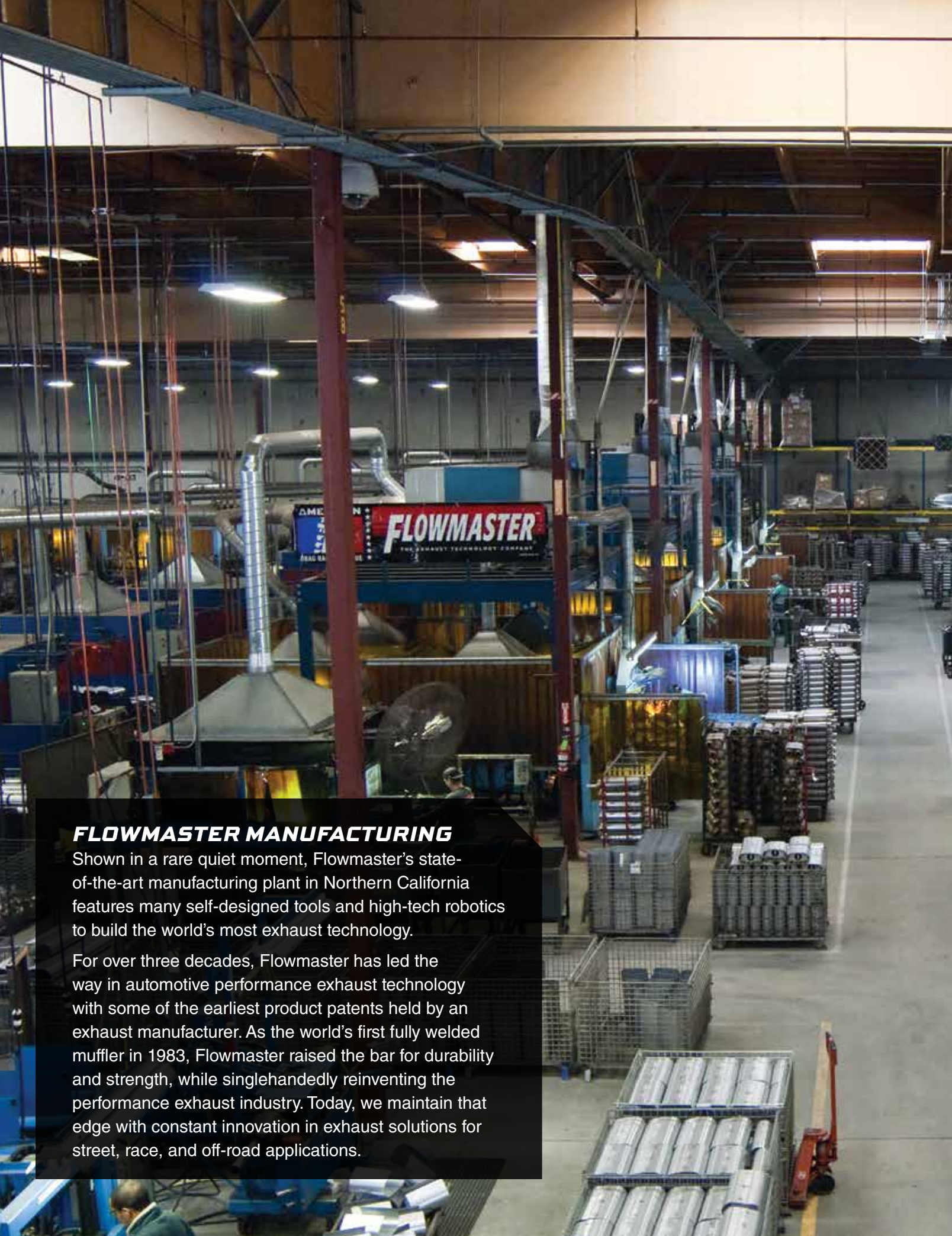
**LAMINAR
FLOW
TECHNOLOGY**

MADE IN USA

**LIFETIME
WARRANTY**

409S Stainless Steel





FLOWMASTER MANUFACTURING

Shown in a rare quiet moment, Flowmaster's state-of-the-art manufacturing plant in Northern California features many self-designed tools and high-tech robotics to build the world's most exhaust technology.

For over three decades, Flowmaster has led the way in automotive performance exhaust technology with some of the earliest product patents held by an exhaust manufacturer. As the world's first fully welded muffler in 1983, Flowmaster raised the bar for durability and strength, while singlehandedly reinventing the performance exhaust industry. Today, we maintain that edge with constant innovation in exhaust solutions for street, race, and off-road applications.

CATALYTIC CONVERTERS

As part of our continuing efforts to provide complete exhaust solutions for passenger cars, trucks and performance vehicles, Flowmaster is proud to announce our newly expanded line of Federal Catalytic Converters. Now introducing an all new line of Direct Fit called the Standard Grade series giving you an economical alternative when replacing exhaust emission systems. The Standard Grade Series has all the same great features and high quality components used in the Professional Installer Series, with the exception of utilizing a more economically priced compression bent stainless steel tubing, rather than the custom mandrel bent stainless steel tubing utilized in the Professional Installer line of Direct-Fit.

Flowmaster's Federal Universal-Fit Catalytic Converters are designed to fit and function on a large variety of vehicles, while our two lines of Direct-Fit Federal Catalytic Converters are direct replacement converters designed to meet or exceed both OE and USEPA standards. Only the highest quality materials are used to manufacture these American-made catalytic converters. Stainless steel outer shell and heat shield construction provide long-term durability, while OEM-grade substrates carry noble metals meet or exceed emissions standards. Our OBD II converters have been engineered specifically for maximum efficiency and effectiveness to avoid the 'MIL' (check engine light) trouble code issues common to low-quality converters.

When a converter replacement is required, installation of universal models should be accomplished by a qualified technician familiar with fabrication, welding, and basic emissions requirements.

Note: The converters in this catalog are not available or legal for sale or use on vehicles licensed or operated in the state of California. Please see our California-specific converter catalog for CARB-Approved products.

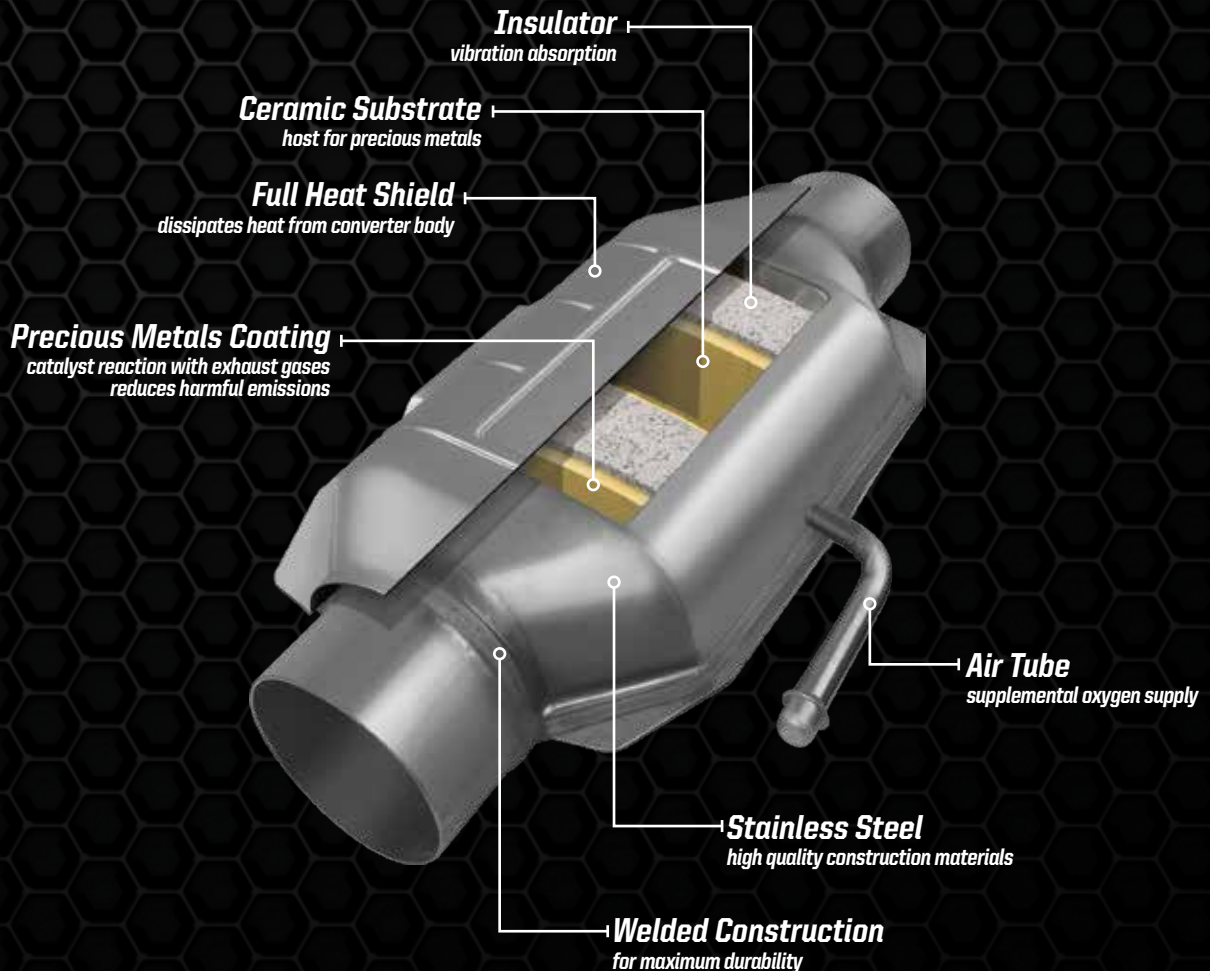
- **Exceeds all Federal USEPA requirements**
- **Available in a wide variety of applications**
- **50,000 mile/5-year warranty on exterior casings**
- **25,000 mile internal components emissions warranty**
- **Mandrel bent tubing for all Professional Series**
- **NEW economically priced Standard Grade Series: The same great catalytic converters at a lower price!**



UNIVERSAL CATALYTIC CONVERTERS

ENGINEERED BENEFITS

- » Larger Total Substrate Size
- » Increased Precious Metals Loading
- » Improved O₂ Storage and Release
- » Lowered Emissions Output
- » Long-Term Reliability



HIGH-FLOW METALLIC CONVERTERS



- Compact case design allows it to fit into tight places.
- Stainless steel, seamless spun case for an ultra-clean look.
- Perfect for extreme temperature situations that occur in racing and highly modified vehicles.
- Stainless steel substrate will hold up under severe-duty applications better than the ceramic substrates used on traditional replacement converters.
- 200 cell construction provides maximum exhaust flow.
- State-of-the-art precious metal loading process and materials to maximize emissions reduction. (See part number and specifications on page 19.)

***DIRECT-FIT* PROFESSIONAL SERIES**

ENGINEERED BENEFITS

- » Mandrel Bent Tubing for Maximum Flow***
- » Utilizes Factory Style Hangers and Gaskets***
- » Includes all Necessary Hardware***
- » 409S Stainless Steel Construction***

ENGINEERED FOR MAXIMUM FLOW!

Flowmaster's Professional Installer line of direct fit catalytic converters feature fully mandrel bent stainless steel tubing and are specifically designed to meet or exceed OEM specifications for exact fit and performance. They are available for a wide range of popular applications; all meet USEPA emissions standards and include a 25,000 mile emissions warranty, and 50,000 mile/5 year stainless steel exterior casing warranty. These cannot be shipped to California addresses or be installed on vehicles in other states that have adopted all or parts of California emissions standards. Please check your state and local laws for specific converter replacement requirements.



- Exceeds all Federal USEPA requirements***
- 50,000 mile/5-year warranty on exterior casings***
- 25,000 mile internal components emissions warranty***

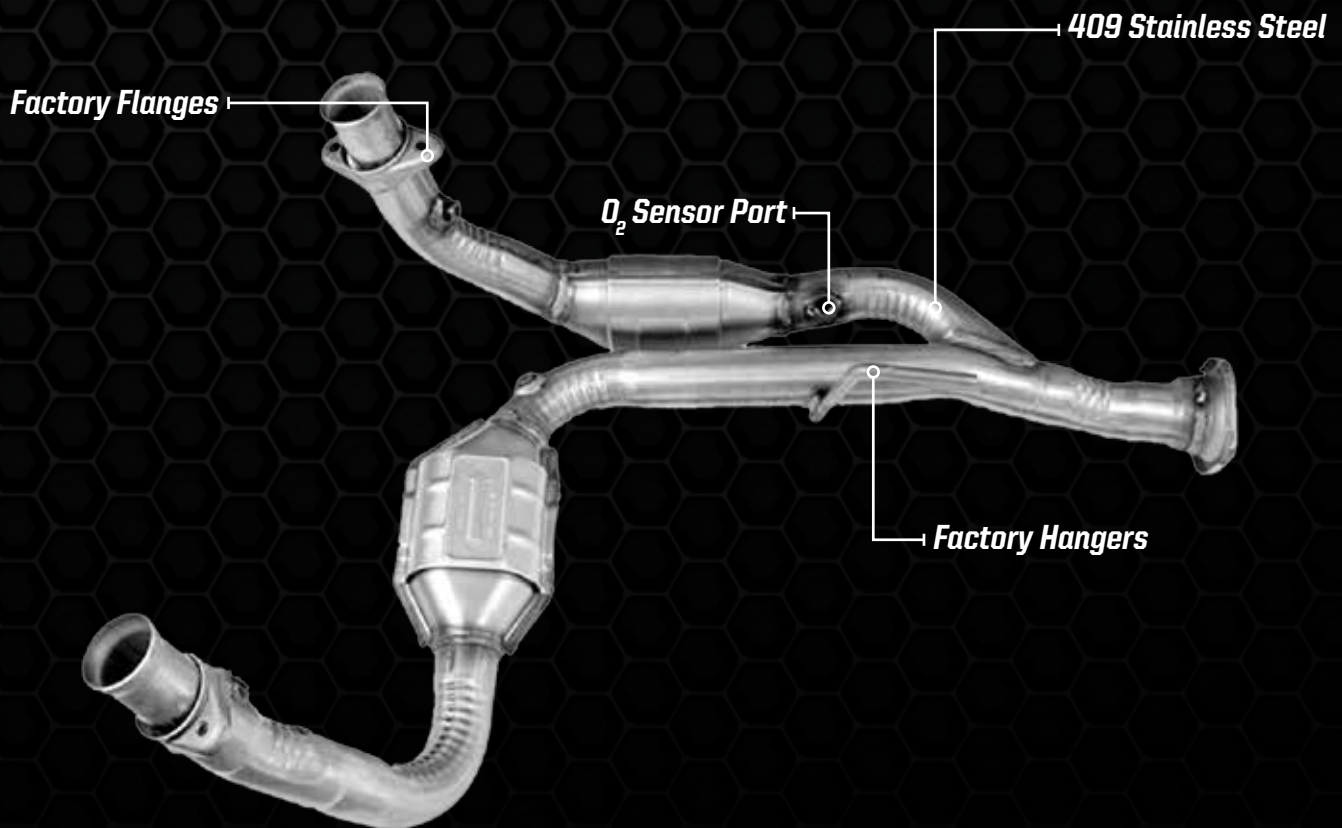
DIRECT-FIT STANDARD GRADE SERIES

ENGINEERED BENEFITS

- >> Utilizes Factory Style Hangers and Gaskets***
- >> Includes all Necessary Hardware***
- >> 409S Stainless Steel Construction***
- >> Economically Priced***

ENGINEERED TO FIT RIGHT!

Flowmaster's Standard Grade line of direct fit catalytic converters are specifically designed to meet or exceed OEM specifications for exact fit and performance, and are available for a wide range of popular applications. These converters all meet USEPA emissions standards and include a 25,000 mile emissions warranty, and 50,000 mile/5 year stainless steel exterior casing warranty. These cannot be shipped to California addresses or be installed on vehicles in other states that have adopted all or parts of California emissions standards. Please check your state and local laws for specific converter replacement requirements.



- Exceeds all Federal USEPA requirements***
- 50,000 mile/5-year warranty on exterior casings***
- 25,000 mile internal components emissions warranty***

Installer Warranty Requirements

Installers must retain copies of warranties, invoices, and statements for 6 months and the replaced converters (if any) for at least 15 days from the date of the installation of the replacement converter. They must be marked in such a way that they can be identified with particular customer invoices and statements and be available for EPA inspection.

Notice To Installers

According to EPA regulations, aftermarket catalytic converters may be installed only in the following situations:

1. The converter is missing from the vehicle.
2. A state or local inspection program had determined that the existing converter has been lead-poisoned, damaged, or otherwise needs replacement.
3. The vehicle is more than 5 years old or has more than 50,000 miles on it and there is a legitimate need for a converter replacement that has been established and documented. Vehicles 1996 and newer have an 8-year/80,000 mile warranty on major emissions components. Consult your owner's manual.



CALIFORNIA
CATALYTIC CONVERTERS

FEDERAL
CATALYTIC CONVERTERS

NEW YORK
CATALYTIC CONVERTERS

HOW TO USE THIS CATALOG

The application index is on page 11.
Refer to the page number indicated for the Make.

Find the Year, Model, and Engine Size which is located in the first three left-hand columns.

Read across the page to find the recommended converter required.

The "Universal" lists the Recommended Universal converter. Specifics, such as, Front or Rear, Left or Right, or Main plus Pre-Cat coverage, are noted in the "Description" field.

This catalog has been developed with OEM parts information. Photos and measurements are for identification purposes ONLY. Catalog photos and illustrations are printed as a sales aid/identification ONLY. No responsibility can be assumed should some reference, photo, or illustration prove to be inaccurate.

FLOWMASTER[®]

PASSENGER CAR APPLICATION LISTINGS FEDERAL CONVERTERS

YEAR	CL	LT	DESCRIPTION	UNIVERSAL	PT
1988					
1988	1	1	4-Cyl. 2-Stroke	40000	1
1988	1	1	4-Cyl. 2-Stroke	40000	1
1988	1	1	4-Cyl. 2-Stroke	40000	1
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1988	1	1	4-Cyl. 2-Stroke	40000	1
1988	1	1	4-Cyl. 2-Stroke	40000	1
1988	1	1	4-Cyl. 2-Stroke	40000	1
1988	1				

READINESS DRIVE CYCLE TEST

After all repairs have been made, any trouble codes have been erased, and the MIL (check engine light) has been turned off, you will need to **perform a Readiness Drive Cycle Test** before any emissions tests can be properly done. OBD II systems conduct self-diagnostic system tests under certain conditions or enabling criteria, as listed below.

1. Elapsed time since vehicle engine start up
2. Engine temperature
3. Throttle position
4. Engine speed
5. Vehicle speed

Most of the various systems tests, conducted by the different monitors, are only done after the engine has reached **normal operating temperature**.

The computer runs three types of tests:

1. **Passive Tests** -- These are the tests that monitor a system or component without affecting its operation.
2. **Active Tests** -- Where the computer has the monitor produce a test signal so that it's response can be checked against stored information.
3. **Intrusive Tests** -- Where the computer performs system checks that directly affect vehicle performance and emissions.

After a passive test is run and a failure is detected, the computer then performs an active test procedure on the system. If, after the active test, another failure is detected the computer will run an intrusive test. If, after the intrusive test, another failure is confirmed, the computer may not, at this time, store a trouble code and/or illuminate the MIL (check engine light) until after this same failure occurs after two consecutive test series are completed. Because of this characteristic, it is suggested that you perform the following I/M Readiness Drive Cycle Test TWICE to be sure that all sub-systems have been checked, flags are set and all I/M monitors are in the ready condition. It is important that these benchmarks or messages the OBD II system uses indicate that all emission monitors have been run before the vehicle is released to the consumer or goes through an I/M 240 test.

I/M Readiness Drive Cycle Test Procedure

1. Vehicle should be started with the engine cold.
2. Let vehicle idle until the engine is at normal operating temperature (the engine coolant temperature sensor should read 180° F or higher). Generally 5 to 10 minutes is sufficient depending on outside ambient temperature.
3. Put vehicle in gear (with brake applied) and idle for no less than 45 seconds.
4. Accelerate to 45 MPH with no more than 1/4 throttle and maintain speed for a full 10 seconds.
5. Decelerate to 35-38 MPH and maintain a steady throttle and speed for 1 minute.
6. Decelerate to 25 MPH and then operate between 25 MPH and 40 MPH for 4 minutes. DO NOT operate at more than 3/4 throttle for this test segment.
7. Decelerate and idle engine for 10 seconds.
8. Accelerate gently to 55 MPH using NO MORE than 1/2 throttle, maintain speed for a full 10 seconds.
9. Continue driving at 40 MPH – 55 MPH, Use a steady throttle pressure and maintain speed for a full 2 minutes.
10. Return to your shop and shut the vehicle off.

It is recommended that the above I/M Readiness Drive Cycle Test be conducted a second time.

If time permits, it is in your best interest to run the cycle again after the vehicle has COOLED down. Doing this second Readiness Drive Cycle Test should insure that all problems have been repaired, Flags have been set, all monitors are in the ready condition, the MIL (check engine light) will remain out, and the vehicle is ready to pass an I/M 240 test.

If the MIL (check engine light) comes back on during Drive Cycle Test 1 or 2, then further repairs are most likely needed or you did not perform the Drive Cycle Test properly. It is better that you discover this before you return the vehicle to the customer allowing you to complete the needed repairs.

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When calling the Technical Helpline, please have the following information available:

1. Vehicle year, make, and model.
2. Engine size and other important information such as fuel injection, transmission type, or turbo charged.
3. Vehicle curb weight and/or GVW (Gross Vehicle Weight). This information can be found on the vehicle registration or door sticker.
4. Using engine label, determine emission certification level of vehicle.

When installing Aftermarket Converters, follow the guidelines set by the EPA (Environmental Protection Agency). If you are unsure of which converter to use, please call the Technical Helpline.

FINDING A UNIVERSAL CONVERTER FOR APPLICATIONS NOT LISTED

If a universal catalyst is not listed for the application you need, you can easily identify which one to use with the following information.

should also be given to the engine size limits and vehicle curb weights used in this catalog.

Identify the catalyst type that is on the car. This can be done by finding the vehicle's emission control information label. It is located under the hood and will list tune up procedures as well as emission information.

Once you have obtained this information you can find the proper replacement for your vehicle using the universal converter specification pages in the catalog.

NOTE: Care must be taken to use the proper type of converter. Attention

NOTES ON VEHICLE WEIGHT

Vehicle weight can be expressed in the following terms:

CURB WEIGHT - Weight of vehicle without occupants.

GVW - Total weight of the vehicle including its fully loaded capacity.

TEST or INERTIA WEIGHT - The full weight of the vehicle when ready for use. (This weight is the maximum test weight listed in the catalog. As long as the vehicle test weight does not exceed our maximum test weight and engine size, the proper aftermarket converter can be installed.)

Vehicle weight information may be found on the vehicle's weight tag on the driver's door pillar or on the vehicle registration. GVW may also be found on vehicle weight tag.

Test weight equals the Gross Vehicle Weight minus the payload or Loaded Capacity plus 300 lbs.

NOTICE TO PROFESSIONAL INSTALLERS

Environmental Protection Agency (EPA) guidelines state that aftermarket converters may be installed only in the following situations:

1. The converter is missing from the vehicle.
2. A state or local inspection program has determined that the existing converter has been lead-poisoned, damaged, or otherwise needs replacement.
3. The vehicle is more than 5 years old or has more than 50,000 miles on it, and there is a legitimate need for converter replacement that has been established and documented. Vehicles 1996 and newer have an 8 year/80,000 mile warranty on major emissions components.

In order to establish and document that the circumstances permitting replacement of an original or missing converter with an aftermarket converter, the installer **MUST** include on the service invoice:

- The customer's name and complete address
- The make, model, year, and mileage of the vehicle
- The stated reason for replacement

Where a state or local government has determined that a converter is damaged or needs replacement, the service or repair facility must retain a copy of the written statement or order by a proper government representative which indicates that the converter should be replaced and attach it to the invoice.

INSTALLATION REQUIREMENTS

The Environmental Protection Agency (EPA) has issued the following installation requirements. The converter must be:

1. Installed in only one of three situations:
 - The converter is missing from the vehicle.
 - A state or local inspection program has determined that the existing converter has been lead-poisoned, damaged, or otherwise needs replacement.
 - The vehicle is more than 5 years old or has more than 50,000 miles on it, and there is a legitimate need for converter replacement that has been established and documented. 1996 and newer vehicles have an 8 year/80,000 mile warranty.
2. In the same location as the original converter.
3. The same type of converter as the original converter.
(i.e. - Oxidation, three-way, or three way with air)
4. The proper converter for the vehicle application as determined and specified by the manufacturer.
5. Connected properly to any existing air injection components on the vehicle.
6. Installed with all the other required converters for the particular application if more than one converter was installed originally by the vehicle manufacturer or, in the case of new aftermarket converters, if more than one converter was specified by the converter manufacturer; AND
7. If a new converter, accompanied by the warranty information card, filled in by the installer.

Prior to installing a new converter ensure that the engine is tuned to factory specifications and operating properly. The manufacturer assumes no liability for damage or catalytic converter failure due to installation on an improperly tuned or maintained engine.

WARNING: Catalytic converters operate at extremely high temperatures! Allow sufficient time for the converter to cool completely before handling.

The following page contains an example of the warranty card provided with the catalytic converters sold in this catalog. **INSTALLERS** and **OWNERS** must complete the front and back of the top (White) sheet. Installers must retain the top (White) sheet. **Failure to do so is a violation of the EPA guidelines and the Clean Air Act.**

GENERAL INFORMATION**WARRANTY/GENERAL INFO****CATALYTIC CONVERTER LIMITED WARRANTY REGISTRATION****TOP (WHITE) SHEET:**

The customer and installer **MUST** read and sign the installation statement. Installer retains this copy.

SECOND (YELLOW) SHEET:

This is the customer's copy. In the event that it is necessary to make a warranty claim, the customer must return the catalytic converter to an authorized dealer along with the warranty.

THIRD (PINK) SHEET:

This copy should be stuffed inside the original catalytic converter and retained.

BOTTOM SHEET:

Mail this copy to Flowmaster, Inc. after affixing a postage stamp on the back side of the card.

CATALYTIC CONVERTER LIMITED WARRANTY REGISTRATION	
OWNER & VEHICLE INFORMATION Customer Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Make: _____ Year: _____ Model: _____ Engine Size: _____ Date: _____ Mileage at Installation: _____ Replacement Part#: _____ Invoice: _____	INSTALLATION STATEMENT The U.S. Environmental Protection Agency requires that the following statement be read and signed by the vehicle owner and the installer of the replacement catalytic converter. Catalytic converters are emission control devices which are designed to last the life of the vehicle and do not normally require replacement. Furthermore, if the vehicle is properly used and maintained, original converters are covered by the emissions control warranty for 3 years or 50,000 miles. Federal law prohibits repair businesses from replacing these devices except under certain limited circumstances. In order to verify that the proper circumstances exist, the owner of the vehicle on which such repairs are made and facility representative must sign the following statement: ☐ The vehicle is over 3 years old or has more than 50,000 miles on it and the catalytic converter required replacement because: _____ ☐ The vehicle's catalytic converter was missing when the vehicle was brought in. Facility Representative's Signature: _____ Date: _____ Vehicle Owner's Signature: _____ Date: _____ TO BE RETURNED TO MANUFACTURER - FLOWMASTER INC
INSTALLER INFORMATION Dealer Name: _____ Address: _____ City: _____ State: _____ Zip: _____	Facility Representative's Signature: _____ Vehicle Owner's Signature: _____ Date: _____ TO BE RETURNED TO MANUFACTURER - FLOWMASTER INC
Address: _____ City: _____ State: _____ Zip: _____	Facility Representative's Signature: _____ Vehicle Owner's Signature: _____ Date: _____ TO BE RETURNED TO MANUFACTURER - FLOWMASTER INC
Address: _____ City: _____ State: _____ Zip: _____	Facility Representative's Signature: _____ Vehicle Owner's Signature: _____ Date: _____ TO BE RETURNED TO MANUFACTURER - FLOWMASTER INC

CATALYTIC CONVERTER LIMITED WARRANTY

Flowmaster, Inc. makes the following limited warranty to the original retail purchaser of this catalytic converter:

1. LIMITED WARRANTY: This catalytic converter is warranted to be free from defects in materials and workmanship subject to the exclusion and conditions set forth below and subject to the durational limits in this paragraph. This catalytic converter has been designed and manufactured and is warranted to meet federal Environmental Protection Agency emission requirements.

2. DEFECTS: If the catalytic converter is determined to be defective, Flowmaster, Inc. will supply the purchaser with a new catalytic converter provided the following conditions are met:

- a.** The purchaser must return the converter to an authorized dealer, along with the **completed warranty claim card** and proof-of-purchase
- b.** If the warranty claim relates to emission performance, the purchaser must provide proof of failure of an emission test.
- c.** Flowmaster, Inc. may require the purchaser to provide proof that the engine was tuned to original manufacturer's specifications and maintained in proper operating condition.

THE ONLY OBLIGATION OF FLOWMASTER, INC. UNDER THIS WARRANTY IS TO SUPPLY THE PURCHASER WITH A NEW CATALYTIC CONVERTER.

3. EXCLUSIONS: Failure and/or destruction of a catalytic converter caused by the following matters are not covered by this warranty:

a. Improper installations (including installation on a vehicle for which the converter has not been cataloged) or failure to maintain the vehicle in proper operating condition with all emission control equipment properly connected and operating according to vehicle manufacturer's specifications.

b. The use of leaded fuel

c. Damage due to accident, negligence, or misuse

d. Converters installed on vehicles with modified exhaust or emission systems

ALL IMPLIED WARRANTIES, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE EXPRESSLY LIMITED TO THE DURATION OF THIS LIMITED WARRANTY.

FLOWMASTER, INC. SHALL NOT BE LIABLE FOR DAMAGES OR INJURY TO PERSONS OR PROPERTY RESULTING FROM MISUSE OR IMPROPER INSTALLATION OF THE CATALYTIC CONVERTER.

Some states do not allow a limitation on how long an implied warranty lasts, or the exclusion or limitation of incidental or consequential damages. The above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which may vary from state to state.

SPECIFICATIONS FOR UNIVERSAL CONVERTERS

All Converter Series comply with EPA policies. Application exceptions are noted in this catalog.

THE 220, 222, 223 and 225**** Series CAN BE USED:

As a **TWO-WAY (OC)**, Universal and Direct-Fit: With an Eng. displacement of 5.9L or less, and vehicle test weight of 6000 lbs or less.

As a **THREE-WAY (TWC)**, Universal and Direct-Fit: With an Eng. displacement of 5.9L or less, and vehicle test weight of 6000 lbs or less.

As a **THREE-WAY + OXIDATION (TWC + OC)**, Universal and Direct-Fit: With an Eng. displacement of 5.9L or less, and vehicle test weight of 6000 lbs or less.

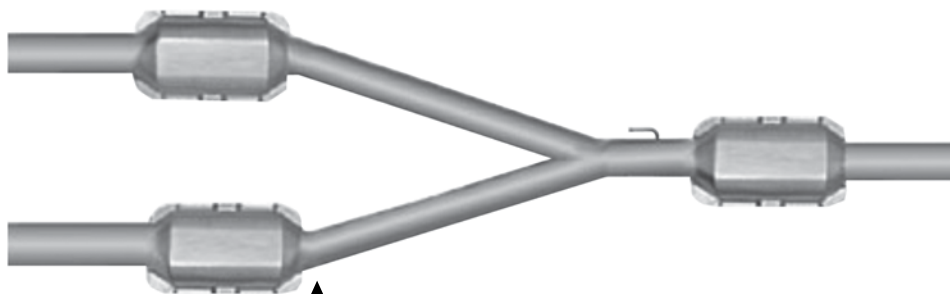
220, 222, 223 and 225** Series** can be used as a 2 to 1 replacement on Three-Way w/Air applications: With an Eng. displacement of 5.8L or less, and vehicle test weight of 5000 lbs or less.



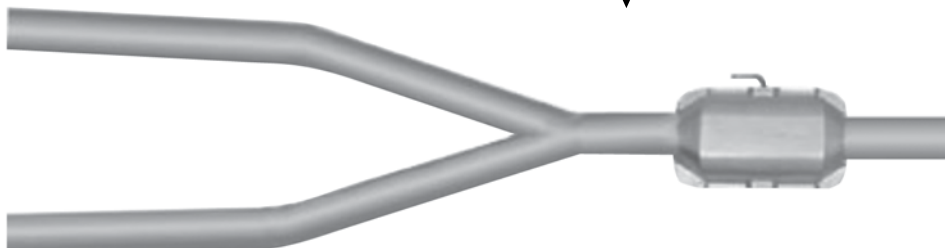
This configuration can be replaced with this configuration, as cataloged



220, 222, 223 and 225** Series** can also be used to replace up to 2 Pre-Cats when used in Three-Way w/Air applications as the under body converter, with an Eng. displacement of 5.2L or less, and vehicle test weight of 4000 lbs or less.



This configuration can be replaced with this configuration, as cataloged



SPECIFICATIONS FOR UNIVERSAL CONVERTERS - (cont.)

All Converter Series comply with EPA policies. Application exceptions are noted in this catalog.

THE 240** Series CAN BE USED:**

As a **TWO-WAY (OC)**, Universal and Direct-Fit: With an Eng. displacement of 7.7L or less, and vehicle test weight of 7000 lbs or less.

As a **THREE-WAY (TWC)**, Universal and Direct-Fit: With an Eng. displacement of 7.5L or less, and vehicle test weight of 7000 lbs or less.*

THE 250** Series CAN BE USED:**

As a **TWO-WAY (OC)**, Universal and Direct-Fit: With an Eng. displacement of 7.7L or less, and vehicle test weight of 7000 lbs or less.

As a **THREE-WAY (TWC)**, Universal and Direct-Fit: With an Eng. displacement of 7.5L or less, and vehicle test weight of 7000 lbs or less.

As a **THREE-WAY + OXIDATION (TWC + OC)**, Universal and Direct-Fit: With an Eng. displacement of 7.5L or less, and vehicle test weight of 7000 lbs or less.

250** Series** can be used as a 2 for 1 replacement in Three-Way w/Air applications: with an Eng. displacement of 5.9L or less, and vehicle test weight of 7000 lbs.



This configuration can be ↑ replaced with this ↓ configuration, as cataloged

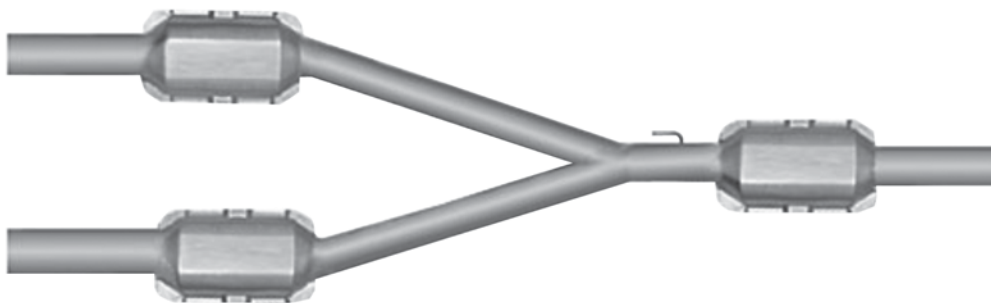


SPECIFICATIONS FOR UNIVERSAL CONVERTERS - (cont.)

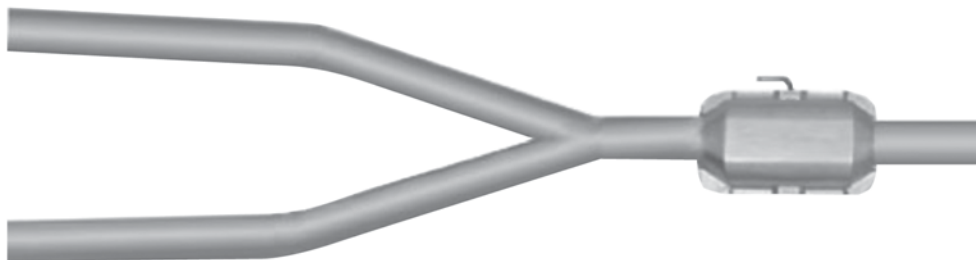
All Converter Series comply with EPA policies. Application exceptions are noted in this catalog.

THE 250** Series (Cont.)**

250** Series** converters can also be used to replace up to 2 PRE-CATS when used as the main converter, in Three-Way w/ Air applications, with an Eng. displacement of 5.2L or less, and vehicle test weight of 5500 lbs or less.



This configuration can be ↑ replaced with this ↓ configuration, as cataloged



260** Series CAN BE USED:**

As a **TWO-WAY (OC)**, Universal and Direct-Fit: With an Eng. displacement of 7.5L or less, and vehicle test weight of 9000 lbs or less.

As a **THREE-WAY (TWC)**, Universal and Direct-Fit: With an Eng. displacement of 7.5L or less, and vehicle test weight of 9000 lbs or less.

SPECIFICATIONS FOR UNIVERSAL CONVERTERS - (cont.)

All Converter Series comply with EPA policies. Application exceptions are noted in this catalog.

282, 283 and 284** Series (OBD II EPA ONLY)**

As a **THREE-WAY (TWC)**, Universal and Direct-Fit: With an Eng. displacement of 5.9L or less, and vehicle test weight of 6250 lbs or less.

As a **THREE-WAY + OXIDATION (TWC + OC)**, Universal and Direct-Fit: With an Eng. displacement of 5.9L or less, and vehicle test weight of 6250 lbs or less.

290** Series CAN BE USED:**

As a **TWO-WAY (OC)**, Universal and Direct-Fit: With an Eng. displacement of 5.9L or less, and vehicle test weight of 7000 lbs or less.

As a **THREE-WAY (TWC)**, Universal and Direct-Fit: With an Eng. displacement of 5.9L or less, and vehicle test weight of 7000 lbs or less.

As a **THREE-WAY + OXIDATION (TWC + OC)**, Universal and Direct-Fit: With an Eng. displacement of 5.9L or less, and vehicle test weight of 7000 lbs or less.

290** Series** can be used as a 2 for 1 replacement in Three-Way w/Air applications on vehicles, with an Eng. displacement of 5.9L or less, and vehicle test weight of 6515 lbs or less.

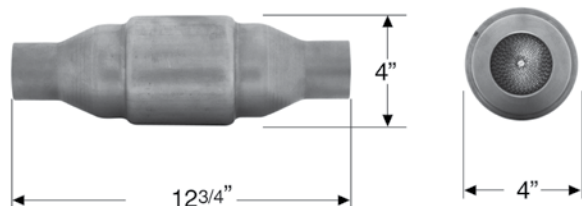


This configuration can be ↑ replaced with this ↓ configuration, as cataloged



High-Flow Metallic

Round - Small Body, Pre-OBDI Only, w/o Air tube,
200 Cell Stainless Steel Substrate

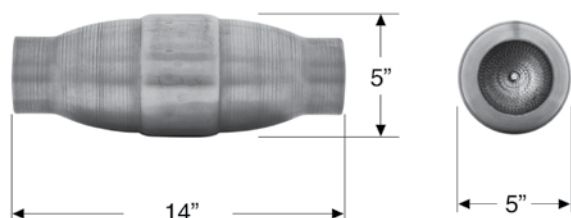


High-Flow	EPA Eng./Test Weight
2-WAY	5.7L, 6000 lbs
3-WAY	5.7L, 6000 lbs

INLET/I.D. OUTLET/I.D.

2000120	2"	2" w/o air tube
2000124	2-1/4"	2-1/4" w/o air tube
2000125	2-1/2"	2-1/2" w/o air tube

Round - Large Body, Pre-OBDI Only, w/o Air tube,
200 Cell Stainless Steel Substrate



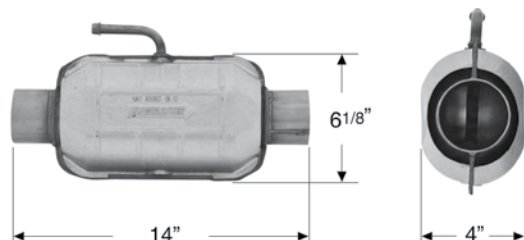
INLET/I.D. OUTLET/I.D.

2000130	3"	3" w/o air tube
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STANDARD DUTY

STANDARD DUTY	EPA Eng./Test Weight
2-WAY	5.9L, 5500 lbs
3-WAY	5.9L, 5500 lbs
3-WAY, w/ Air	5.9L, 5500 lbs

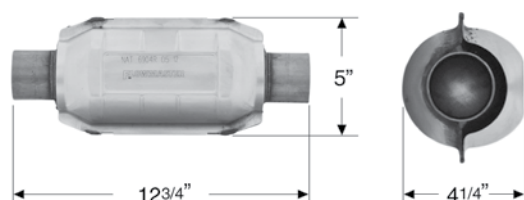
Oval - w/ Air Tube



INLET/I.D. OUTLET/I.D.

2200120	2"	2" w/ air tube
2200124	2-1/4"	2-1/4" w/ air tube
2200125	2-1/2"	2-1/2" w/ air tube

Round - w/o Air Tube

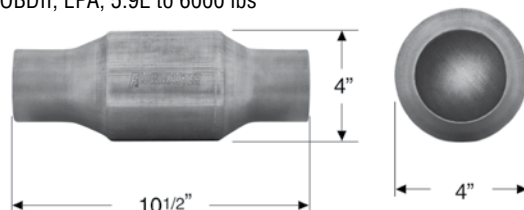


INLET/I.D. OUTLET/I.D.

2220120	2"	2" w/o air tube
2220124	2-1/4"	2-1/4" w/o air tube, 13" OAL
2220125	2-1/2"	2-1/2" w/o air tube, 13" OAL

Spun Body one-piece design
Round - w/o Air Tube

Pre-OBDI, EPA, 5.9L to 6000 lbs



INLET/I.D. OUTLET/I.D.

2230124	2-1/4"	2-1/4"
2230125	2-1/2"	2-1/2"
2230130	3"	3"

GENERAL INFORMATION

UNIVERSAL CONVERTER SPECIFICATIONS



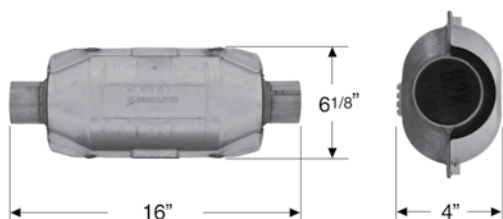
ENHANCED STANDARD DUTY

ENHANCED STANDARD DUTY	EPA Eng./Test Weight
2-WAY	5.9L, 6515 lbs
3-WAY	5.9L, 6515 lbs
3-WAY, w/ Air	5.9L, 6515 lbs

Oval - w/o Air Tube

INLET/I.D.

OUTLET/I.D.



2250224	2-1/4"	2-1/4" w/o air tube
2250225	2-1/2"	2-1/2" w/o air tube
2250230	3"	3" w/o air tube

Can be used as alternate converters to 2200000 and 2220000 Series converters.

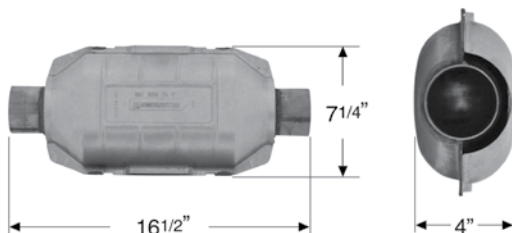
HEAVY DUTY

HEAVY DUTY	EPA Eng./Test Weight
2-WAY	7.7L, 7000 lbs
3-WAY	7.5L, 7000 lbs

Oval - w/o Air Tube

INLET/I.D.

OUTLET/I.D.



2400224	2-1/4"	2-1/4"
2400225	2-1/2"	2-1/2"
2400230	3"	3"

HEAVY DUTY	EPA Eng./Test Weight
2-WAY	7.7L, 7000 lbs
3-WAY	7.5L, 7000 lbs
3-WAY, w/ Air	7.5L, 7000 lbs

Oval - w/ Air Tube

INLET/I.D.

OUTLET/I.D.

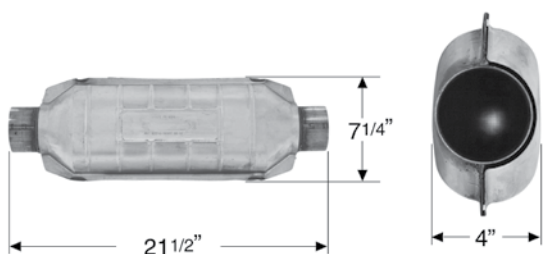


2500225	2-1/2"	2-1/2"
2500230	3"	3"

SUPER DUTY

SUPER DUTY	EPA Eng./GVWR
2-WAY	7.5L, 15000 lbs or less
3-WAY	7.5L, 15000 lbs or less

Oval - w/o Air Tube



INLET/I.D.

OUTLET/I.D.

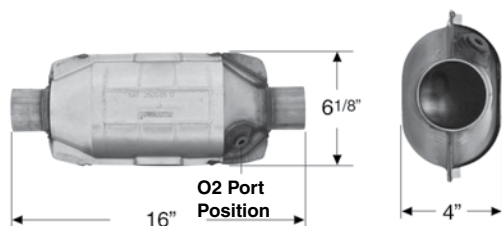
2600230	3"	3" w/o air tube
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EPA OBDII OBDII Vehicles up to LEV

Made to keep the "Light Off" (MIL check engine light)

EPA OBD II	EPA Eng./Test Weight
3-WAY	5.9L, 6250 lbs
3-WAY w/ Air	5.9L, 6250 lbs

Oval - w/o Air Tube



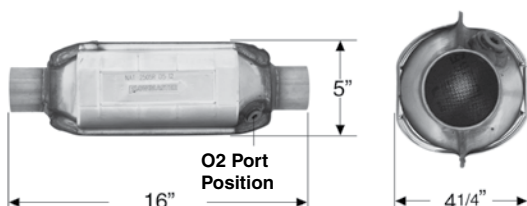
Units have O2 Sensor port in Outlet, unless otherwise noted

INLET/I.D.

OUTLET/I.D.

2820224	2-1/4"	2-1/4" w/O2 Sensor port
2820226	2-1/2"	2-1/2" w/O2 Sensor port

Round - w/o Air Tube

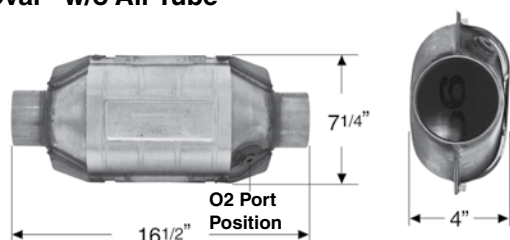


INLET/I.D.

OUTLET/I.D.

2820124	2-1/4"	2-1/4" w/O2 Sensor port
2820125	2-1/2"	2-1/2" w/O2 Sensor port

Oval - w/o Air Tube



INLET/I.D.

OUTLET/I.D.

2822225	2-1/2"	2-1/2" w/O2 Sensor port
2822230	3"	3" w/O2 Sensor port

GENERAL INFORMATION

UNIVERSAL CONVERTER SPECIFICATIONS



EPA OBDII OBDII Vehicles up to LEV - (cont.)

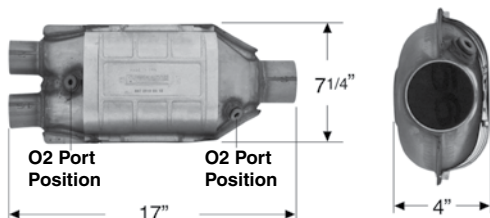
Made to keep the "Light Off" (MIL check engine light)

EPA OBD II	EPA Eng./Test Weight
3-WAY	5.9L, 6250 lbs
3-WAY w/ Air	5.9L, 6250 lbs

Oval - w/o Air Tube

INLET/I.D.

OUTLET/I.D.

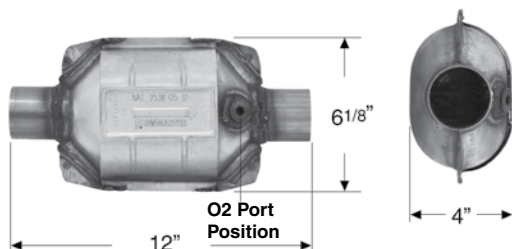


2824220	2" Dual	2-1/2" w/ Two O2 Sensor ports
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Oval - w/o Air Tube

INLET/I.D.

OUTLET/I.D.



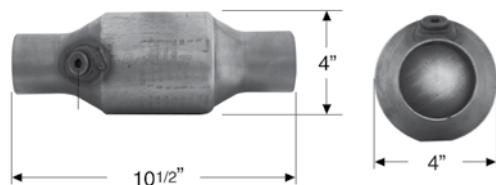
2821220	2"	2" w/ O2 Sensor port
2821224	2-1/4"	2-1/4" w/O2 Sensor port

Spun Body one-piece design Round - w/o Air Tube

OBDII By Design, EPA, 5.9L to 6000 lbs

INLET/I.D.

OUTLET/I.D.



2830124	2-1/4"	2-1/4"
2831124	2-1/4"	2-1/4" w/O2 Sensor Fitting
2830125	2-1/2"	2-1/2"
2831125	2-1/2"	2-1/2" w/O2 Sensor Fitting

EPA OBDII LEV II and Cleaner Applications

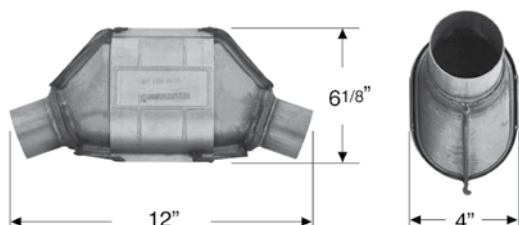
These parts utilize a higher precious metal loading for LEVII and cleaner emission standards.

EPA OBD II	EPA Eng./Test Weight
3-WAY	5.9L, 6250 lbs
3-WAY w/Air	5.9L, 6250 lbs

Special Body - Angled Inlet and Outlet, w/o Air Tube

INLET/I.D.

OUTLET/I.D.



2821324	2-1/4"	2-1/4"
2821325	2-1/2"	2-1/2"

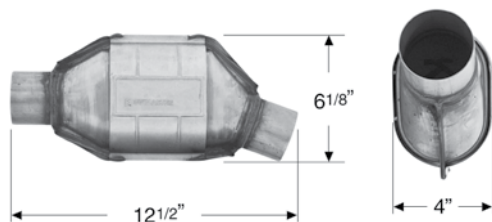
20 EPA ONLY - Not for sale or installation in California

EPA OBDII LEV II and Cleaner Applications - (cont.)

These parts utilize a higher precious metal loading for LEVII and cleaner emission standards.

EPA OBD II	EPA Eng./Test Weight
3-WAY	5.9L, 6250 lbs
3-WAY w/ Air	5.9L, 6250 lbs

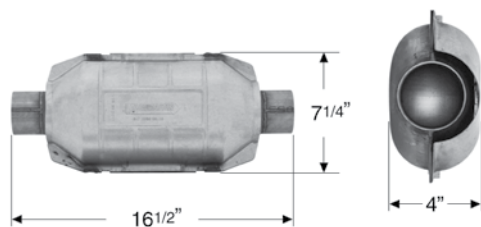
Special Body - Angled Inlet, w/o Air Tube



INLET/I.D. OUTLET/I.D.

2820325	2-1/2"	2-1/2"
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Oval - w/o Air Tube



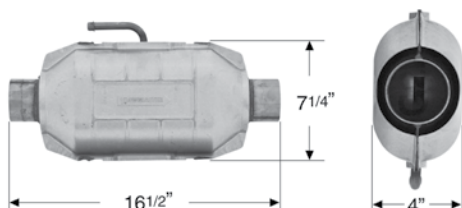
INLET/I.D. OUTLET/I.D.

2840220	2"	2"
2840225	2-1/2"	2-1/2"
2840230	3"	3"

LARGE BODY SUPER X DUTY

SPECIAL	EPA Eng./Test Weight
2-WAY	5.9L, 6515 lbs
3-WAY	5.9L, 6515 lbs
3-WAY, w/ Air	5.9L, 6515 lbs

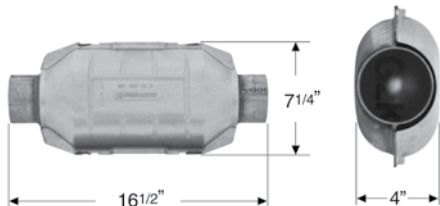
Oval - w/ Air Tube



INLET/I.D. OUTLET/I.D.

2900224	2-1/4"	2-1/4" w/air tube
2900225	2-1/2"	2-1/2" w/air tube

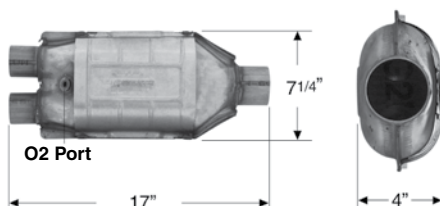
Oval - w/o Air Tube



INLET/I.D. OUTLET/I.D.

2900230	3"	3" w/o air tube
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Oval



INLET/I.D. OUTLET/I.D.

2904220	2" Dual, w/O2 Sensor port	2-1/2" w/o air tube
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PASSENGER CAR APPLICATION LISTINGS

FEDERAL CONVERTERS



YR/YRS	CYL	LITER	DESCRIPTION	DIRECT FIT STANDARD SERIES	DIRECT FIT PROFESSIONAL SERIES	UNIVERSAL	FT
ACURA CL							
1997	4	2.2L				2821120	3
97-99	6	3.0L	With California Emissions (Not for use in California)			2820224 / 2821124	5
97-99	6	3.0L	Federal Emissions	2064253		2821124	3
00-04	6	3.2L				2821124	3
2001	6	3.2L	Premium	2064209			3
02-03	6	3.2L	Base	2064209			3
01-03	6	3.2L	Federal Emissions, All S-Type			2821124	4
ACURA EL							
01-03	4	1.7L		2064230			3
ACURA INTEGRA							
88-89	4	1.6L				2220120	3
86-87	4	1.6L	w/Air Tube			2200120	3
86-87	4	1.6L	w/o Air Tube			2220120	3
92-93	4	1.7L				2220120	3
00-01	4	1.8L	(Except Type-R, V-TEC Eng.)			2821120	3
00-01	4	1.8L	All w/ V-TEC engine, Incl. Type-R			2821124	3
96-99	4	1.8L	Auto Trans. (Except GSR)			2821120	3
96-99	4	1.8L	Manual Trans.			2821120	3
94-95	4	1.8L	3 Dr., (Exc. DOHC-VTEC Eng.)			2220120	3
92-93	4	1.8L				2220120	3
90-91	4	1.8L				2220120	3
ACURA LEGEND							
86-87	6	2.5L				2220120	3
87-90	6	2.7L				2220120	3
94-95	6	3.2L	GS Sedan, Main Conv.			2220125	3
93-95	6	3.2L	Coupe L or LS Models, Main Conv.			2220125	3
91-92	6	3.2L				2220125	3
ACURA NSX							
95-03	6	3.0L	Left or Right			2821124	3
91-94	6	3.0L	Left or Right			2220124	3
97-03	6	3.6L	w/ DOHC, V-TEC, Left or Right			2821124	3
ACURA RSX							
05-06	4	2.0L				2821124	3
ACURA TL							
97-98	5	2.5L	Sedan, Front			2821324	3
97-98	5	2.5L	Sedan, Rear			2821124	3
04-08	6	3.2L	Front, Left	2061250			3
04-08	6	3.2L	Front, Right	2061251			3
04-08	6	3.2L	Rear	2064533			3
00-03	6	3.2L	Federal Emissions, All Type-S			2821124	4
00-03	6	3.2L	Base	2064209			3
1999	6	3.2L	With California Emissions (Not for use in California)			2820224	5
1999	6	3.2L	Federal Emissions	2064253		2821124	3

YR/YRS	CYL	LITER	DESCRIPTION	DIRECT FIT STANDARD SERIES	DIRECT FIT PROFESSIONAL SERIES	UNIVERSAL	FT
2009	6	3.5L	FWD, Main			2821124	3
07-08	6	3.5L	Front, Left	2061250			3
07-08	6	3.5L	Front, Right	2061251			3
ACURA TSX							
2009	4	2.4L	Main			2821124	3
04-08	4	2.4L				2821124	3
ACURA VIGOR							
92-94	5	2.5L	Auto Trans.			2220120	3
92-94	5	2.5L	Manual Trans.			2220120	3
AMERICAN MOTORS AMX							
78-79	6	All				2200120	3
78-79	8	All				2200120	3
AMERICAN MOTORS CONCORD							
78-79	4	2.0L				2200120	3
80-82	4	All				2200120	3
80-83	6	4.2	w/Air Tube			2200120	3
78-79	6	All				2200120	3
78-79	8	All				2200120	3
AMERICAN MOTORS EAGLE, SX4							
1984	4	All				2200120	3
81-83	4	All				2200120	3
85-88	6	All	w/Air Tube			2200120	3
82-84	6	All				2200120	3
80-81	6	All				2200120	3
AMERICAN MOTORS GREMLIN							
1978	4,6	All				2200120	3
75-77	4,6	All				2200120	3
75-76	8	All				2200120	3
AMERICAN MOTORS HORNET							
75-77	6,8	All				2200120	3
AMERICAN MOTORS MATADOR							
1978	6	All				2200120	3
75-77	6,8	All	(Exc. 401 C.I.D.)			2200120	3
AMERICAN MOTORS PACER							
75-79	6	All				2200120	3
AMERICAN MOTORS SPIRIT							
81-82	4	All				2200120	3
1980	4	All				2200120	3
79-83	6	All				2200120	3
1979	8	All				2200120	3
ASTON MARTIN							
85-90	8	5.3L				2900224	3

1. EPA OBDII Unit
2. EPA Enhanced OBDII Unit
3. Federal & California Emission vehicles. Not legal for sale for vehicles licensed in California.
4. Federal Emission vehicles. Not legal for sale for vehicles licensed in California.
5. California Emission vehicles licensed in states other than California. Not legal for sale for vehicles licensed in California.
6. Additional sizing, bushings, cutting may be required due to OE exhaust design.
7. OEM Y-Pipe must be trimmed 1/2" from face of flange for proper insertion into converter.

PASSENGER CAR APPLICATION LISTINGS

FEDERAL CONVERTERS



YR/YRS	CYL	LITER	DESCRIPTION	DIRECT FIT STANDARD SERIES	DIRECT FIT PROFESSIONAL SERIES	UNIVERSAL	FT
AUDI 80							
88-90	4	2.0L	Manual Trans.			2220120	3
88-90	4	2.0L	Auto Trans.			2220120	3
91-92	5	2.3L	(Exc. Quattro)			2220120	3
88-91	5	All	Quattro; From 10/87 to 9/91			2220120	3
AUDI 90 (Exc. Cabriolet)							
1988	4	2.0L	Auto Trans.			2220120	3
1988	4	2.0L	Manual Trans.			2220124	3
90-91	5	2.3L	4 Speed Auto Trans., (Exc. Quattro)			2220124	3
88-91	5	2.3L	Manual Trans., (Exc. Quattro)			2220124	3
88-91	5	All	Quattro or 3 Speed Auto Trans.			2220124	3
93-95	6	2.8L	Manual Trans., Right			2220120	3
93-95	6	2.8L	Manual Trans., Left			2220120	3
93-95	6	2.8L	Auto Trans., Right Side			2220124	3
93-95	6	2.8L	Auto Trans., Left Side			2220124	3
AUDI 100							
75-77	4	1.9L				2220120	3
89-91	5	2.3L	Manual Trans., (Exc. Quattro); From 8/89			2220124	3
89-91	5	2.3L	Auto Trans., (Exc. Quattro); From 8/89			2220124	3
89-91	5	2.3L	Quattro; From 5/88 To 12/90			2220120	3
AUDI 200							
89-91	5	2.2L	Auto Trans., (Exc. Quattro)			2220125	3
AUDI 4000							
1980	4	1.6L				2220120	3
81-83	4	1.7L	w/Conv.			2220120	3
84-87	4	1.8L				2220120	3
85-86	5	2.2L	(Exc. Quattro)			2220120	3
AUDI 5000							
86-88	5	2.2L	Auto Trans., (Exc. Quattro)			2220125	3
86-88	5	2.2L	Manual Trans., (Exc. Quattro)			2220124	3
81-85	5	2.2L	(Exc. Turbo or Quattro); To 12/84			2220120	3
87-88	5	2.3L	Auto Trans., (Exc. Quattro)			2220125	3
87-88	5	2.3L	Manual Trans., (Exc. Quattro)			2220124	3
81-85	5	All	Turbo, (Exc. Quattro)			2220125	3
1980	5	All	With California Emissions, w/Turbo (Not for use in California)			2220125	5
1980	5	All	With California Emissions, (Exc. Turbo) (Not for use in California)			2220120	5
1980	5	All	Federal Emissions			2220124	4
78-79	5	All				2220124	3
AUDI A4							
97-06	4	1.8L	Turbo	2084186		2820120	3
97-05	4	1.8L	Quattro, Turbo	2084186		2820120	3
07-08	4	2.0L	Turbo			2821124	3
1996	6	2.8L	Left or Right			2820120	3
07-08	6	3.2L	Left or Right			2821124	3

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AUDI A6							
03-04	6	2.7L	Left or Right			2821124	3
00-02	6	2.7L	Quattro, Turbo, w/Auto Trans, Left or Right			2820120	3
95-97	6	2.8L	Left or Right			2820120	3
00-01	6	2.8L	Quattro, Sedan & Wagon, w/Auto Trans, Left or Right			2820120	3
00-01	6	2.8L	Quattro, Wagon, w/Auto Trans, Right	2084240			3
00-01	6	2.8L	Quattro, Wagon, w/Auto Trans, Left	2084241			3
00-01	6	2.8L	Quattro, Sedan, w/Auto Trans, Right	2084240			3
00-01	6	2.8L	Quattro, Sedan, w/Auto Trans, Left	2084241			3
03-04	6	3.0L	Left or Right			2821124	3
05-08	6	3.2L	Left or Right			2821124	3
03-04	8	4.2L	Left or Right			2821124	3
00-01	8	4.2L	Quattro, Wagon, w/Auto Trans, Right	2084240			3
00-01	8	4.2L	Quattro, Wagon, w/Auto Trans, Left	2084241			3
00-01	8	4.2L	Quattro, Sedan, w/Auto Trans, Right	2084240			3
00-01	8	4.2L	Quattro, Sedan, w/Auto Trans, Left	2084241			3
00-01	8	4.2L	Quattro, Sedan & Wagon, w/Auto Trans, Left or Right			2820120	3
AUDI ALLROAD							
03-05	6	2.7L	Left or Right			2821124	3
01-02	6	2.7L	Quattro, Turbo, w/Auto Trans, Left or Right			2820120	3
01-02	6	2.7L	Quattro, Turbo, w/Man Trans, Left or Right			2821124	3
AUDI CABRIOLET							
96-97	6	2.8L	AAH & AFC Eng., Left or Right			2820120	3
96-98	6	2.8L	AFC Eng., Left or Right			2820120	3
94-95	6	2.8L	AAH & AFC Eng., Left or Right			2220120	3
AUDI COUPE							
81-85	5	2.2L	Quattro			2220120	3
AUDI FOX							
75-79	4	1.6L				2220120	3
AUDI S4							
92-94	5	2.2L				2220120	3
AUDI S6							
1995	6	2.2L	Left or Right			2820120	3
AUDI V-8							
90-91	8	3.6L				2220124	3
92-94	8	4.2L				2220124	3
AVANTI							
84-85	8	5.0L	Engine Code G, w/Air Tube		2010035	2900225	3
77-80	8	5.7L				2200124	3
BMW 325							
1995	6	2.5L	325i iC iS E/36, Left or Right			2220120	3
BMW 328							
96-97	6	2.8L	Left or Right			2820120	3

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BMW 528							
97-99	6	2.8L	528i, Left or Right			2820120	3
BMW 530							
1994	8	All	530, Left or Right			2220120	3
BMW 740							
1995	8	4.0L	Left or Right			2820120	3
BMW Z4							
03-06	6	2.5L	Right (Passenger) Side			2821124	3
03-06	6	3.0L	Right (Passenger) Side			2821124	3
BUICK CENTURY							
1996	4	2.2L				2820224	3
86-92	4	2.5L	Conv. w/o Front Pipe, w/Air Tube			2200120	3
82-85	4	2.5L				2200120	3
87-89	6	2.8L	Conv. w/Front Pipe			2200120	3
84-89	6	2.8L	Conv. Only			2200120	3
82-83	6	2.8L				2200120	3
80-85	6	3.0L				2200120	3
97-05	6	3.1L		2014850		2820224	3
1996	6	3.1L				2820224	3
1995	6	3.1L				2820224	3
86-88	6	3.8L	Conv. Only, w/Air Tube			2200120	3
84-85	6	3.8L				2200120	3
1981	6	3.8L	(Exc. Turbo)			2200124	3
78-79	6	All	(Exc. Turbo)			2200124	3
1981	8	4.3L				2200124	3
1979	8	4.9L				2200124	3
1978	8	5.0L	w/2 bbl Carb.			2200124	3
1977	8	6.6L	403 C.I.D.			2400225	3
1980	8	All				2200125	3
BUICK ELECTRA - (Inc. Park Avenue)							
81-83	6	4.1L				2200124	3
1985	6	All				2200120	3
84-89	8	5.0L	Electra Station Wgn.			2900224	3
84-89	8	5.0L	Electra Station Wgn., Optional Direct Fit Converter			2200124	3
1984	8	5.0L	Electra, (Exc. Station Wgn.)			2200124	3
81-83	8	5.0L				2200124	3
1980	8	5.7L	Code "R"			2200124	3
77-79	8	6.6L	403 C.I.D.			2500225	3
75-76	8	7.5L				2400225	3
BUICK LACROSSE							
05-09	6	3.8L		2014341		2821220	3
BUICK LESABRE							
00-05	6	3.8L	(Exc. Supercharged, Use w/OE Pipe, Includes Resonator)			2822230	3
00-05	6	3.8L		2019988			3

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97-99	6	3.8L				2822225	3
97-99	6	3.8L	Models w/4 Bolt Flange Inlet	2014890			3
95-97	6	3.8L	"K" & "L" Eng., front pipe & conv. 1 piece, w/ 2 Bolt Flange.			2822225	3, 6
1979	6	3.8L	Turbo, Straight Conv.			2200124	3
81-82	6	All				2200124	3
1980	6	All	w/Air Tube			2200125	3
85-90	8	5.0L	Station Wgn.			2900224	3
85-90	8	5.0L	Station Wgn., Optional Direct Fit Converter			2200124	3
84-85	8	5.0L	LeSabre, (Exc. Station Wgn.)			2200124	3
81-83	8	5.0L				2200124	3
1980	8	5.7L	Code "R"			2200124	3
75-76	8	7.5L	455 C.I.D.			2400225	3
BUICK PARK AVENUE							
00-05	6	3.8L	(Exc. Supercharged, Use w/OE Pipe, Includes Resonator)			2822230	3
00-05	6	3.8L	For Use with Aftermarket Pipes	2019988			3
97-00	6	3.8L	Supercharged Eng.			2822225	3
97-99	6	3.8L				2822225	3
97-99	6	3.8L	Models w/4 Bolt Flange Inlet	2014890			3
1996	6	3.8L	Supercharged Code "1" Eng., w/front pipe.			2822225	3, 6
95-96	6	3.8L	"K" Eng. w/Post Conv. O2 Sensor, w/front pipe, (Exc. Supercharged).			2822230	3, 6
BUICK REGAL							
95-96	6	3.1L	w/Post Conv. O2 Sensor			2820124	3
94-95	6	3.1L	(Exc. w/Post Conv. O2 Sensor)			2220120	3
97-04	6	3.8L		2014876		2820125	3
1996	6	3.8L	w/Resonator			2820125	3
84-87	6	3.8L				2200124	3
1984	6	3.8L	(Exc. Turbo)			2200124	3
1983	6	3.8L	Federal Emissions, (Exc. Turbo)			2200124	4
1983	6	3.8L	With California Emissions, (Exc. Turbo) (Not for use in California)			2200124	5
1980	6	3.8L				2200125	3
83-84	6	4.1L				2200124	3
81-82	6	All				2200124	3
78-79	6	All	(Except 3.8L Turbo)			2200124	3
1979	8	4.9L				2200124	3
86-87	8	5.0L				2200124	3
84-85	8	5.0L			2010001	-	3
83-85	8	5.0L	Code "H"			2200124	3
1983	8	5.0L	Code "H"		2010001	-	3
1978	8	5.0L	Code "U"			2200124	3
80-82	8	All	w/Air Tube			2200124	3

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BUICK RIVIERA							
97-99	6	3.8L	Supercharged Eng.			2822225	3
1997	6	3.8L				2822225	3
1997	6	3.8L	Models w/4 Bolt Flange Inlet	2014890			3
95-96	6	3.8L	Code "K" Eng.			2822225	3
91-93	6	3.8L				2200125	3
84-85	6	3.8L	Turbo			2200124	3
81-83	6	3.8L	Turbo			2200124	3
1984	6	4.1L				2200124	3
81-83	6	4.1L				2200124	3
84-85	8	5.0L				2200124	3
81-83	8	5.0L				2200124	3
77-78	8	6.6L				2400225	3
75-76	8	7.5L				2400225	3
BUICK ROADMASTER							
1991	8	5.0L	Station Wgn.			2900224	3
1991	8	5.0L	Engine Code "7", (Exc. Station Wagon)		2010001	2200124	3
1994	8	5.7L	Left (Driver) Side			2900224	3
1994	8	5.7L	Right (Passenger) Side			2900224	3
92-93	8	5.7L	Engine Code "7", (Exc. Station Wagon)		2010001	2200124	3
92-93	8	5.7L	Station Wgn.			2900224	3
BUICK SKYHAWK							
84-86	4	1.8L	Turbo			2200120	3
87-88	4	2.0L	Code "K"			2200120	3
1987	4	2.0L	Code "M" Turbo			2200124	3
BUICK SKYLARK							
96-98	4	2.4L				2820120	3
96-98	6	3.1L				2820120	3
93-95	4	2.3L				2220124	3
82-85	4	2.5L				2200120	3
83-85	6	2.8L				2200120	3
1982	6	2.8L	Code "Z" Eng.			2200124	3
1982	6	2.8L	Code "Z" Eng.			2200120	3
94-95	6	3.1L				2220120	3
CADILLAC ALLANTE							
87-88	8	4.1L				2200125	3,6
89-92	8	4.5L				2200125	3
1993	8	4.6L				2200125	3
CADILLAC COMMERCIAL CHASSIS - FUNERAL COACH, LIMOUSINE							
88-90	8	4.5L	w/Air Tube.			2900225	3, 6
1992	8	4.9L	Large Body for sound control.			2900225	3, 6
94-95	8	5.7L	Code "P", Right			2900224	3
94-95	8	5.7L	Code "P", Left			2900224	3
1980	8	6.0L				2400225	3
77-79	8	7.0L				2400225	3

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CADILLAC CTS							
04-07	6	3.6L	Right	2014546			3
04-07	6	3.6L	Left	2014547			3
03-04	6	3.2L	(Excl w/ Trailer Provision), Left or Right			2821124	3
05-07	6	2.8L	Right	2014546			3
05-07	6	2.8L	Left	2014547			3
CADILLAC DEVILLE							
81-82	6	4.1L				2200124	3
1985	8	4.1L				2200124	3
1984	8	4.1L				2200124	3
82-83	8	4.1L				2200124	3
88-90	8	4.5L	Large Body for sound control.			2900225	3, 6
00-05	8	4.6L	For Use with Aftermarket Pipes	2019988			3
96-99	8	4.6L	For use with O.E. Piping.			2822225	3, 6
94-95	8	4.6L				2200125	3, 6
80-81	8	6.0L				2400224	3
77-79	8	7.0L				2400225	3
CADILLAC ELDORADO							
81-82	6	4.1L				2200124	3
86-87	8	4.1L				2200124	3, 6
84-85	8	4.1L				2900224	3
82-83	8	4.1L				2200124	3
1990	8	4.5L				2200125	3
88-89	8	4.5L				2200125	3, 6
96-99	8	4.6L				2822225	3, 6
93-95	8	4.6L				2200125	3
91-92	8	4.9L				2200125	3
77-78	8	7.0L				2400225	3
CADILLAC FLEETWOOD							
81-82	6	4.1L				2200124	3
86-87	8	4.1L	Optional Conv. w/Air Tube.			2200124	3, 6
82-83	8	4.1L				2200124	3
88-90	8	4.5L				2900225	3, 6
1992	8	4.9L	Large Body for sound control.			2900225	3, 6
1986	8	5.0L				2900224	3
91-92	8	5.0L			2010001	2900224	3
94-95	8	5.7L	Left (Driver) Side			2900224	3
94-95	8	5.7L	Right (Passenger) Side			2900224	3
90-93	8	5.7L	All		2010001	2900224	3
77-79	8	7.0L				2400225	3
CADILLAC SEVILLE							
81-82	6	4.1L				2200124	3
86-87	8	4.1L				2200124	3, 6

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84-85	8	4.1L				2900224	3
82-83	8	4.1L				2200124	3
1990	8	4.5L				2200125	3
88-89	8	4.5L				2200125	3, 6
98-03	8	4.6L	STS Models			2822225	3
96-97	8	4.6L				2822225	3, 6
1995	8	4.6L				2200125	3, 6
93-94	8	4.6L				2200125	3
91-92	8	4.9L				2200125	3
1975	8	5.7L			2010043		3
1976	8	5.7L			2010043		3
1977	8	5.7L	Early Models W/ 2.25" Inlet		2010043		3
CADILLAC STS							
05-07	6	3.6L	Right	2014618			3
05-07	6	3.6L	Left	2014619			3
CADILLAC XLR							
2006	8	4.4L	Supercharged, Left or Right			2821124	3
05-07	8	4.6L	Left or Right			2821124	3
CHECKER							
81-82	6	All	Marathon Models			2900224	3
75-80	8	All			2010040	2400225	3
CHEVROLET AVEO							
04-08	4	1.6L		2014405			3
CHEVROLET AVEO 5							
07-08	4	1.6L		2014405			3
CHEVROLET CAMARO							
82-85	4	2.5L				2200120	3
1982	6	2.8L				2200120	3
83-89	6	2.8L			2010001	2200125	3
90-92	6	3.1L			2010001	2200125	3
93-95	6	3.4L			2010003	-	3
00-02	6	3.8L			2010045	2822225	3
95-99	6	3.8L			2010044	2822225	3
1981	6	3.8L	229 C.I.D.			2200124	3
1981	6	3.8L	231 C.I.D.			2200124	3
1980	6	3.8L	231 C.I.D.			2200124	3
83-92	6	ALL			2010001	2200125	3
1980	8	4.4L	Angled Conv.			2200124	3
1980	8	4.4L	Straight Conv.			2200124	3
90-92	8	5.0L	Code "E" & "F", (Exc. Dual Conv. System)		2010001	2200125	3
89-92	8	5.0L	Code "F", Complete, Dual Conv. System			-	3
89-92	8	5.0L	Code "F", Right, Dual Conv. System, Left or Right.			2900224	3, 6
86-89	8	5.0L	Code "F" & "G", (Exc. Dual Conv. System)		2010011	2500230	3
84-85	8	5.0L	Code "F" & "G"		2010035	2200125	3
83-89	8	5.0L	Code "E" & "H"		2010001	2200125	3

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1983	8	5.0L	Code "S"		2010001	2200125	3
1983	8	5.0L	Code "7"		2010035	2200125	3
1982	8	5.0L	Code "H", Straight Conv.			2900224	3
1982	8	5.0L	Code "H", Angled Conv.			2900224	3
1982	8	5.0L	Code "7"		2010001	2200125	3
1981	8	5.0L				2200124	3
00-02	8	5.7L	Right (Passenger) Side		2010009	-	3
98-02	8	5.7L	Left (Driver) Side		2010008	2400224	3
98-99	8	5.7L	Right (Passenger) Side		2010007	2400224	3
96-97	8	5.7L	Right (Passenger) Side		2010005	-	3
96-97	8	5.7L	Left (Driver) Side		2010004	-	3
1995	8	5.7L	With California Emissions (Not for use in California)			2400225	5
1995	8	5.7L	Federal Emissions		2010010	2900230	4
93-94	8	5.7L			2010010	2900230	3
90-92	8	5.7L	(Exc. Dual Conv. System)			2900224	3
89-92	8	5.7L	Code "8", Complete, Dual Conv. System			-	3
89-92	8	5.7L	Code "8", Right, Dual Conv. System, Left or Right.			2900224	3, 6
87-89	8	5.7L	(Exc. Dual Conv. System)		2010011	2500230	3
1981	8	5.7L	Z28 Models		2010036	2400224	3
1981	8	5.7L	(Exc. Z28)			2900224	3
77-79	8	5.7L	(Exc. Z28)		2010043	2400224	3
77-79	8	All	Z28 Models			2400224	3
75-76	8	5.7L			2010043	2400224	3
CHEVROLET CAVALIER							
03-05	4	2.2L		2014205		2820120 / 2821120	3
2002	4	2.2L	Engine Code "4"			2820120	3
2002	4	2.2L	Engine Code "F"	2014205		2820120 / 2821120	3
99-02	4	2.2L		2014864			3
99-01	4	2.2L				2820120	3
96-98	4	2.2L		2014877			3
99-02	4	2.4L			2010034	2820120	3
96-98	4	2.4L				2820120	3
CHEVROLET CELEBRITY							
86-90	4	2.5L	Conv.w/o Front Pipe, w/Air Tube			2200120	3
82-85	4	2.5L				2200120	3
82-85	6	2.8L				2200120	3
86-90	6	All				2200120	3
CHEVROLET CHEVETTE							
81-87	4	1.6L				2200120	3
CHEVROLET CITATION							
82-85	4	2.5L				2200120	3

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PASSENGER CAR APPLICATION LISTINGS

FEDERAL CONVERTERS



YR/YRS	CYL	LITER	DESCRIPTION	DIRECT FIT STANDARD SERIES	DIRECT FIT PROFESSIONAL SERIES	UNIVERSAL	FT
83-85	6	2.8L	Code "W" "X" "Z" Eng.			2200120	3
1982	6	2.8L	(Exc. Code "Z" Eng.)			2200120	3
1982	6	2.8L	Code "Z" Eng.			2200124	3
1981	6	2.8L	X-11 Models			2200124	3
CHEVROLET CLASSIC							
04-05	4	2.2L		2014205			3
CHEVROLET COBALT							
08	4	2.4L	Auto Trans.	2014284			
06-07	4	2.4L	Auto Trans.	2014015		2820124 / 2821120	3
2009	4	2.2L				2821124	3
08-10	4	2.2L	Auto Trans.	2014284			3
05-07	4	2.2L	Auto Trans.	2014015		2820124 / 2821120	3
CHEVROLET CORSICA							
93-95	4	2.2L				2200120	3
87-92	4	All				2200120	3, 6
1996	6	3.1L				2820120	3
94-95	6	3.1L				2200120	3
CHEVROLET CORVETTE							
00-04	8	5.7L	(Exc. Z06) Federal Emissions, Right or Left			2822225	3
00-04	8	5.7L	(Exc. Z06) Federal Emissions, Complete		2010014	-	3
97-99	8	5.7L	(Exc. Z06) Complete		2010015	-	3
92-96	8	5.7L	Code "P", Right		2010013	2400230	3
92-96	8	5.7L	Code "P", Left		2010012	2400230	3
1995	8	5.7L	Left (Driver) Side			2400230	3
1995	8	5.7L	Right (Passenger) Side			2400230	3
86-91	8	5.7L	Main Plus Pre Cat Eliminator (Exc. ZR1)		2010028	-	3
86-91	8	5.7L	Main Conv., (Exc. ZR1)		2010011	2500230	3
86-91	8	5.7L	Pre Cats			2220124	3
84-85	8	5.7L			2010035	2900225	3
1982	8	5.7L			2010035	-	3
80-81	8	5.7L			2010036	2400224	3
76-79	8	5.7L			2010036	2400224	3
1975	8	5.7L			2010043	2400224	3
CHEVROLET FULL SIZE (Inc. Impala, Caprice, Belair, Police, Taxi, Station Wagon)							
83-84	6	3.8L	229 C.I.D.		2010001	2200124	3
1984	6	3.8L	231 C.I.D.			2200124	3
1983	6	3.8L	231 C.I.D., California Emissions			2200124	5
1983	6	3.8L	231 C.I.D., Federal Emissions			2200124	4
92-93	6	4.3L			2010001	2200124	3
85-90	6	4.3L	w/Air Tube			2200124	3
80-82	6	All	w/2-1/4" Angled Conv.			2200124	3
80-82	6	All	w/2-1/4" Straight Conv.			2200124	3
91-93	8	5.0L	(Exc. Taxi & Station Wgn.)		2010001	2200124	3
91-93	8	5.0L	Taxi & Station Wgn.			2900224	3

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88-90	8	5.0L	(Exc. Taxi & Station Wgn.)		2010001	2200124	3
88-90	8	5.0L	Station Wgn.			2900224	3
88-90	8	5.0L	Taxi			2900224	3
83-88	8	5.0L	Code "H"		2010001	2200124	3
83-84	8	5.0L	(Exc. Engine Code "H")			2200124	3
92-95	8	5.7L	Police Car, w/GM RPO 9C-1		2010011	2500230	3
83-90	8	5.7L	(Exc. Taxi & Station Wgn.)		2010001	2200124	3
83-90	8	5.7L	Taxi & Station Wgn.			2900224	3
81-82	8	5.7L				2900224	3
75-76	8	6.6L				2400225	3
75-76	8	7.4L				2400225	3
81-82	8	All	(Exc. 5.7L)			2200124	3
1980	8	All	(Exc. 5.7L)			2200125	3
CHEVROLET IMPALA							
00-05	6	3.4L		2014850		2820125	3
06-09	6	3.5L	Flex	2014376			3
06-09	6	3.5L	Gas	2014376			3
04-05	6	3.8L	Supercharged	2014876		2820125	3
00-05	6	3.8L	Code "K" Eng.	2014876		2820125	3
06-09	6	3.9L	Gas	2014376			
CHEVROLET LAGUNA							
75-76	8	6.6L	400 C.I.D.			2400225	3
CHEVROLET LUMINA							
97-01	6	3.1L				2820120	3
95-96	6	3.1L	w/Post Conv. O2 Sensor			2820124	3
1995	6	3.1L	(Exc. w/Post Conv. O2 Sensor).			2820125	4
96-97	6	3.4L	LTZ			2820120	3
98-99	6	3.8L	With California Emissions (Not for use in California)			2820125	5
98-99	6	3.8L	Federal Emissions, Rear			2821224	4
98-99	6	3.8L	Federal Emissions, Front			2820125	4
CHEVROLET MALIBU							
04-08	4	2.2L	Front	2071231			3
08-10	4	2.4L	Front	2071231			3
1999	4	2.4L			2010034	2820120	3
97-98	4	2.4L				2820124	3
98-03	6	3.1L		2014863		2820124	3
1997	6	3.1L				2820124	3
05-06	6	3.5L	Front	2054424			3
05-07	6	3.5L	Rear			2821220	3
1983	6	3.8L	229 C.I.D.		2010001	2200124	3
81-83	6	3.8L	231 C.I.D.			2200124	3
81-82	6	3.8L	229 C.I.D.			2200124	3
1980	6	3.8L	229 C.I.D., Angled Conv.			2200124	3

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1980	6	3.8L	231 C.I.D.			2200125	3
78-79	6	All				2200124	3
1979	8	4.4L				2200124	3
1983	8	5.0L	Code "H"		2010001	2200124	3
1978	8	5.0L				2200124	3
75-76	8	6.6L				2400225	3
1975	8	7.4L				2400225	3
81-82	8	All				2200124	3
1980	8	All				2200125	3
CHEVROLET METRO							
98-00	3	1.0L	Federal Emissions, 51-1/8" Conv.			2821220	4
98-01	4	1.3L	With California Emissions, Rear (Not for use in California)			2821220	5
98-00	4	1.3L	Federal Emissions, 51-1/8" Conv.			2821220	4
CHEVROLET MONTE CARLO							
97-99	6	3.1L				2820120	3
95-96	6	3.1L	w/Post Conv. O2 Sensor			2820124	3
1995	6	3.1L	(Exc. Models w/Post Conv. O2 Sensor)			2220120	3
00-05	6	3.4L		2014850		2820125	3
1997	6	3.4L	Z34, DOHC			2820124	3
1996	6	3.4L	Z34, DOHC			2820125	3
06-07	6	3.5L		2014376			3
04-05	6	3.8L	Supercharged	2014876		2820125	3
00-05	6	3.8L	Code "K" Eng.	2014876		2820125	3
98-99	6	3.8L	With California Emissions (Not for use in California)			2820125	5
98-99	6	3.8L	Federal Emissions, Rear			2821224	4
98-99	6	3.8L	Federal Emissions, Front			2820125	4
1984	6	3.8L	231 C.I.D.			2200124	3
83-84	6	3.8L	229 C.I.D.		2010001	2200124	3
81-83	6	3.8L	231 C.I.D., (Exc. Turbo)			2200124	3
81-82	6	3.8L	229 C.I.D.			2200124	3
1981	6	3.8L	231 C.I.D., Turbo			2200124	3
1980	6	3.8L	229 C.I.D., Angled Conv.			2200124	3
1980	6	3.8L	231 C.I.D.			2200125	3
2006	6	3.9L		2014376			3
85-88	6	4.3L				2200124	3
78-79	6	All				2200124	3
1979	8	4.4L				2200124	3
1983	8	5.0L	Monte Carlo SS, Engine Code "7"		2010035	2200125	3
84-88	8	5.0L	Monte Carlo SS, Engine Code "G"		2010035	2200125	3
83-88	8	5.0L	(Exc. Monte Carlo SS)		2010001	2200124	3
1978	8	5.0L				2200124	3
75-76	8	6.6L				2400225	3
1975	8	7.4L				2400225	3
81-82	8	All				2200124	3

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1980	8	All				2200125	3
CHEVROLET NOVA							
1988	4	1.6L	Engine Code "5", Fuel Injected		2050001	-	3
1988	4	1.6L	SOHC			2200120	3
1988	4	1.6L	SOHC, California Emissions			2200120	5
85-87	4	1.6L				2200120	3
75-79	6	4.1L			2010043		3
1975	8	4.3L			2010043		3
76-79	8	5.0L			2010043		3
75-79	8	5.7L			2010043		3
CHEVROLET PRIZM							
98-02	4	1.8L	DOHC	2054043			3
CHEVROLET SPECTRUM							
85-88	4	1.5L	Pre-Cat Conv., (Exc. Turbo)			2220120	3
CHRYSLER 300							
05-07	6	2.7L	Right or Left			2821124	3
05-10	6	2.7L	RWD, Right	2034330			3
05-10	6	2.7L	RWD, Left	2034331			3
05-07	6	3.5L	RWD, Left	2034331			3
05-07	6	3.5L	RWD, Right	2034330			3
05-07	6	3.5L	Right or Left			2821124	3
99-04	6	3.5L	Right or Left			2820124	3
99-04	6	3.5L	Left	2034851			3
05-09	8	5.7L	Right (Passenger) Side, (Exc. AWD)		2030001	2821325	2,3
05-09	8	5.7L	Left (Driver) Side, (Exc. AWD)		2030002	2821325	2,3
05-09	8	6.1L	Right (Passenger) Side		2010009	-	3
05-09	8	6.1L	Left (Driver) Side		2010008	-	3
CHRYSLER CIRRUS							
95-00	4	2.4L				2820224	3
95-00	6	2.5L				2820224	3
CHRYSLER CONCORDE							
02-04	6	2.7L	Right or Left			2820120	3
98-01	6	2.7L	Right (Passenger) Side, Semi-Direct Fit, Fabrication Required			2820120	3
98-04	6	2.7L	Left	2034851			3
98-01	6	2.7L	Left (Driver) Side			2820120	3
98-01	6	3.2L	Right or Left			2820124	3
98-01	6	3.2L	Left	2034851			3
93-96	6	3.3L	With California Emissions, Rear Main (Not for use in California)			2824220	5, 6
93-96	6	3.3L	Federal Emissions, Front, Left or Right			2821220	4
02-04	6	3.5L	Right or Left			2820120	3
02-04	6	3.5L	Left	2034851			3
96-97	6	3.5L	Main Conv.			2824220	3, 6

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CHRYSLER CORDOBA							
80-83	6	3.7L	Rear			2200120	3
81-83	8	5.2L	Rear			2200124	3
75-78	8	6.6L	400 C.I.D.			2400224	3
1980	8	All	(Exc. Models w/Lean Burn)			2200124	3
1980	8	All	With California Emissions (Not for use in California)			2200124	5
1980	8	All	Lean Burn Models			2400224	3
CHRYSLER DAYTONA							
84-92	4	2.2L	(Exc. Turbo) (Canada Model)			2200120	3
89-93	4	2.5L	(Exc. Turbo) (Canada Model)			2200120	3
CHRYSLER DYNASTY							
88-93	4	2.5L	(Canada Model)			2200120	3
92-93	6	3.3L	(Canada Model)			2200124	3
CHRYSLER E CLASS							
1984	4	2.2L	(Exc. Turbo)			2200120	3
1983	4	2.2L				2200120	3
CHRYSLER FIFTH AVENUE							
1983	6	3.7L	Rear			2200120	3
83-89	8	5.2L	Rear			2200120	3
CHRYSLER IMPERIAL							
1975	8	All	Left or Right, w/Dual Exhaust			2400225	3
1975	8	All	(Exc. Dual Exhaust)			2400225	3
81-83	8	5.2L	Rear			2200120	3
CHRYSLER LASER							
84-86	4	All	(Exc. Turbo)			2200120	3
CHRYSLER LEBARON							
1989	4	2.2L	(Exc. Turbo)			2200120	3
1988	4	2.2L	4 Dr., (Exc. Turbo)			2200120	3
87-88	4	2.2L	Turbo 4 Dr.			2200124	3
86-87	4	2.2L	(Exc. Turbo)			2200120	3
1985	4	2.2L	EFI, (Exc. Turbo)			2200124	3
84-85	4	2.2L	Turbo			2200124	3
1984	4	2.2L	TBI			2200120	3
82-83	4	2.2L	Rear			2200120	3
82-83	4	2.2L	Front			2200120	3
89-93	4	2.5L	(Exc. Turbo)			2200120	3
1988	4	2.5L	4 Dr., (Exc. Turbo)			2200120	3
1987	4	2.5L	Auto Trans., (Exc. GTS or Turbo)			2200120	3
1986	4	2.5L	Front			2200120	3
80-81	6	3.7L	Rear, 2 Dr.			2200120	3
80-81	6	3.7L	Pre Cat, 2 Dr.			2200120	3
80-81	6	3.7L	4 Dr. & Station Wgn.			2200120	3
1979	6	3.7L				2200120	3
1978	6	3.7L				2200120	3
1981	8	5.2L	Rear, 4 Dr. or Station Wgn			2200120	3

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1981	8	5.2L	4 Dr. & Station Wgn.			2200120	3
1980	8	5.2L	2 Dr.			2200124	3
CHRYSLER LHS							
99-01	6	3.5L	Right or Left			2820124	3
99-01	6	3.5L	Left	2034851			3
96-97	6	3.5L	Main Conv.			2824220	3, 6
CHRYSLER NEW YORKER							
83-84	4	2.2L	(Exc. Turbo)			2200120	3
1987	4	2.5L				2200120	3
1986	4	2.5L				2200120	3
1996	6	3.5L	Main Conv.			2824220	3, 6
1982	6	3.7L				2200120	3
1982	8	5.2L	Rear			2200124	3
80-81	8	5.2L				2200124	3
75-78	8	6.6L	(Exc. Dual Exhaust)			2400225	3
75-78	8	7.2L	(Exc. Dual Exhaust)			2400225	3
75-76	8	All	Left or Right, Dual Exhaust			2400225	3
CHRYSLER NEWPORT							
80-81	8	5.2L	Lean Burn Models			2400224	3
75-78	8	7.2L	440 C.I.D., (Exc. Dual Exhaust)			2400224	3
75-78	8	All	Left or Right, Dual Exhaust			2400224	3
75-78	8	All	(Exc. 440 7.2L or Dual Exhaust)			2400224	3
CHRYSLER SEBRING							
95-99	4	2.0L	(Exc. Convertible)			2820224	3
07-10	4	2.4L		2034415			3
2006	4	2.4L	Sedan & Convertible, Federal & California Emissions	2034275			3
01-06	4	2.4L	Sedan & Convertible, Exc. 04-05 PZEV Emissions			2820120	3
01-05	4	2.4L	Coupe	2091082		2820224	3
04-05	4	2.4L	Sedan & Convertible, Exc. 04-05 PZEV Emissions	2034275			3
01-03	4	2.4L	Sedan & Convertible, Federal & California Emissions	2034275			3
96-98	4	2.4L	Convertible Models	2034859		2820224	3
96-00	6	2.5L	Convertible Models	2034859		2820224	3
01-06	6	2.7L		2034242			3
01-05	6	3.0L	Front	2031094			3
DAEWOO LANOS							
99-02	4	1.6L	Front	2014405			3
DAEWOO LEGANZA							
99-02	4	2.2L	Leganza, Rear			2820224	3
DODGE ARIES, 400, 600							
1989	4	2.2L				2200120	3
1988	4	2.2L	Auto Trans., Built After 10/12/87, (Exc. Turbo)			2200120	3
87-88	4	2.2L	Manual Trans., (Exc. Turbo)			2200120	3
1986	4	2.2L	Manual Trans., (Exc. Turbo)			2200120	3

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1986	4	2.2L	Auto Trans., (Exc. Turbo)			2200120	3
1985	4	2.2L	(Exc. Turbo)			2200120	3
81-84	4	2.2L	Front, w/Air Tube, (Exc. Turbo)			2200120	3
81-82	4	2.2L	Rear, w/Air Tube			2200120	3
1989	4	2.5L	Auto Trans.			2200120	3
87-88	4	2.5L				2200120	3
1986	4	2.5L				2200120	3
DODGE ASPEN							
1980	6	3.7L	Rear			2200120	3
1979	6	3.7L	Rear			2200120	3
79-80	8	5.2L	Rear			2200124	3
DODGE AVENGER							
08-10	4	2.4L		2034415			3
08-09	4	2.4L				2820124	1,3
DODGE CALIBER							
07-09	4	1.8L		2034415			3
07-09	4	2.0L				2820124	1,3
07-10	4	2.0L		2034415			3
07-10	4	2.4L		2034415			3
DODGE CHALLENGER							
09-10	6	3.5L	Right	2034330			3
09-10	6	3.5L	Left	2034331			3
08-09	8	6.1L	Right (Passenger) Side		2010009	-	3
08-09	8	6.1L	Left (Driver) Side		2010008	-	3
DODGE CHARGER, 024							
1984	4	1.6L	Front			2200120	3
85-87	4	2.2L	(Exc. Turbo)			2200120	3
83-84	4	2.2L	Front			2200120	3
06-10	4	2.7L	Right	2034330			3
06-10	4	2.7L	Left	2034331			3
2006	6	2.7L	Left, Right			2821124	3
06-10	6	3.5L	Left	2034331			3
06-10	6	3.5L	Right	2034330			3
2006	6	3.5L	Left, Right			2821124	3
2008	6	3.5L	Left (Driver) Side			2820325	3
06-09	8	5.7L	Right (Passenger) Side, (Exc. AWD)		2030001	-	3
06-09	8	5.7L	Left (Driver) Side, (Exc. AWD)		2030002	-	3
06-07	8	5.7L	Right, RWD			2821325	2,3
06-07	8	5.7L	Left, RWD			2821325	2,3
06-09	8	6.1L	Right (Passenger) Side		2010009	-	3
06-09	8	6.1L	Left (Driver) Side		2010008	-	3
75-78	8	6.6L	400 C.I.D.			2400224	3
DODGE COLT							
87-88	4	1.5L				2220120	3
87-88	4	1.6L				2220120	3

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DODGE CORONET							
1975	8	7.2L	440 C.I.D., Left or Right			2400224	3
DODGE DAYTONA							
1984	4	2.2L	(Exc. Turbo)			2200120	3
89-93	4	2.5L	(Exc. Turbo)			2200120	3
87-88	4	2.5L	(Exc. Turbo)			2200120	3
85-86	4	All	(Exc. Turbo)			2200120	3
DODGE DIPLOMAT							
81-83	6	3.7L	Rear			2200120	3
1980	6	3.7L	Rear			2200120	3
1979	6	3.7L	Rear			2200120	3
81-89	8	5.2L	Rear			2200124	3
DODGE DYNASTY							
88-93	4	2.5L				2200120	3
DODGE INTREPID							
02-04	6	2.7L	Right or Left			2820120	3
98-01	6	2.7L	Right (Passenger) Side, Semi-Direct Fit, Fabrication Required			2820120	3
98-04	6	2.7L	Left	2034851			3
98-01	6	2.7L	Left (Driver) Side			2820120	3
98-01	6	3.2L	Right or Left			2820124	3
98-01	6	3.2L	Left	2034851			3
93-97	6	3.3L	Main Conv.			2824220	3, 6
93-97	6	3.3L	Front, Right or Left, w/2 Bolt Inlet Flange, Federal Models			2821220	4
93-96	6	3.3L	Rear Main, California Emissions.			2824220	5, 6
02-04	6	3.5L	Right or Left			2820120	3
02-04	6	3.5L	Left	2034851			3
2000	6	3.5L	R/T Models, Left or Right			2820124	3
2000	6	3.5L	Left	2034851			3
96-97	6	3.5L	Main Conv.			2824220	3, 6
DODGE LANCER							
88-89	4	2.2L	(Exc. Turbo)			2200120	3
1987	4	2.2L	Turbo			2200124	3
1985	4	2.2L	Fuel Injection, (Exc. Turbo)			2200124	3
1989	4	2.5L	(Exc. Turbo)			2200120	3
1988	4	2.5L	Manual Trans., (Exc. Turbo Built Before 10/12/87)			2200120	3
1988	4	2.5L	Manual Trans., (Exc. Turbo Built After 10/12/87)			2200120	3
1988	4	2.5L	Auto Trans., (Exc. Turbo)			2200120	3
1987	4	2.5L				2200120	3
1986	4	2.5L				2200120	3
DODGE MAGNUM							
05-06	6	2.7L	Left, Right			2821124	3
05-08	6	2.7L	RWD, Left	2034331			3

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PASSENGER CAR APPLICATION LISTINGS

FEDERAL CONVERTERS



YR/YRS	CYL	LITER	DESCRIPTION	DIRECT FIT STANDARD SERIES	DIRECT FIT PROFESSIONAL SERIES	UNIVERSAL	FT
05-08	6	2.7L	RWD, Right	2034330			3
05-06	6	3.5L	Left, Right			2821124	3
05-08	6	3.5L	RWD, Right	2034330			3
05-08	6	3.5L	RWD, Left	2034331			3
05-07	8	5.7L	Right (Passenger) Side, (Exc. AWD)		2030001	2821325	2,3
05-07	8	5.7L	Left (Driver) Side, (Exc. AWD)		2030002	2821325	2,3
05-07	8	6.1L	Right (Passenger) Side		2010009	-	3
05-07	8	6.1L	Left (Driver) Side		2010008	-	3
DODGE MIRADA							
81-83	6	3.7L				2200120	3
1980	6	3.7L				2200120	3
81-83	6	5.2L				2200124	3
DODGE MONACO							
77-78	8	6.6L	Monaco, Left or Right, Dual Exhaust			2400224	3
1977	8	6.6L	Monaco, (Exc. Dual Exhaust)			2400224	3
75-76	8	6.6L	Royal Monaco, Left or Right, Dual Exhaust			2400224	3
75-77	8	7.2L	Royal Monaco, (Exc. Dual Exhaust)			2400225	3
75-77	8	7.2L	Royal Monaco, Left or Right, Dual Exhaust			2400224	3
75-76	8	7.2L	Monaco, (Exc. Dual Exhaust)			2400225	3
75-76	8	7.2L	Monaco, Left or Right, Dual Exhaust			2400224	3
DODGE NEON							
2004	4	2.0L	w/2-1/4" OD Outlet, Exc. ULEV	2034094			3
00-01	4	2.0L	w/2" OD Outlet, Federal Emissions TLEV, Exc. ULEV			2820124	4
96-99	4	2.0L	OBD II equipped, Federal Emissions, Exc. 98-99 LEV			2820224	4
2004	4	2.4L	w/2-1/4" OD Outlet, Exc. ULEV	2034094			3
00-05	4	All	w/2-1/4" OD Outlet, Exc. ULEV			2820124	3
DODGE OMNI, 024							
83-86	4	1.6L	Front			2200120	3
82-83	4	1.7L	Front			2200120	3
1981	4	1.7L	Front			2200120	3
80-81	4	1.7L	Rear			2200120	3
1980	4	1.7L	Front Mini-Ox Conv.			2200120	3
78-80	4	1.7L	Rear			2200120	3
88-90	4	2.2L				2200120	3
81-87	4	2.2L	Front, (Exc. Turbo)			2200120	3
81-82	4	2.2L	Rear			2200120	3
DODGE SHADOW							
87-94	4	2.2L	(Exc. Turbo)			2200120	3
89-94	4	2.5L	(Exc. Turbo)			2200120	3
89-92	4	2.5L	Turbo			2200120	3
DODGE SPIRIT							
89-95	4	2.5L	(Exc. Turbo)			2200120	3
DODGE ST. REGIS							
1981	6	3.7L	Rear			2200124	3
80-81	8	5.2L				2200124	3

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1980	8	5.9L	Rear			2200124	3
DODGE STEALTH							
91-95	6	3.0L	Front			2220120	3
DODGE STRATUS							
2006	4	2.4L	Sedan, Federal & California Emissions	2034275			3
01-06	4	2.4L	Sedan, Exc. 04-05 PZEV Emissions			2820120	3
01-05	4	2.4L	Coupe	2091082		2820224	3
2004	4	2.4L	Sedan & Convertible, Exc. 04-05 PZEV Emissions	2034275			3
01-03	4	2.4L	Sedan & Convertible, Federal & California Emissions	2034275			3
95-00	4	2.4L		2034859		2820224	3
95-00	6	2.5L		2034859		2820224	3
01-06	6	2.7L		2034242			3
01-05	6	3.0L	Front	2031094			3
DODGE VIPER							
96-02	10	8.0L	GTS Model, Left (Driver) Side		2030012	-	3
96-02	10	8.0L	GTS Model, Right (Passenger) Side		2030013	-	3
EAGLE VISION							
93-97	6	3.3L	Main Conv.			2824220	3, 6
93-97	6	3.3L	Front, Right of Left, Federal Models			2821220	4
95-96	6	3.3L	Rear Main, California Emissions.			2824220	5, 6
93-94	6	3.3L	Rear Main, California Emissions.			2824220	5, 6
1996	6	3.5L	Main Conv.			2824220	3, 6
FORD ASPIRE							
96-97	4	1.3L				2821220	3
FORD CONTOUR							
95-00	6	2.5L	Main Conv., Manual Trans.			2820224	3
FORD CROWN VICTORIA (Inc. Police, Taxi, Station Wagon)							
03-06	8	4.6L	Front, Left or Right			2821324	3
03-11	8	4.6L	Right	2024803			3
03-11	8	4.6L	Left	2025002			3
96-02	8	4.6L	Right (Passenger) Side		2020041	2821220	3
96-02	8	4.6L	Left (Driver) Side		2020042	2821220	3
90-91	8	5.0L	Left, Main & Pre-Cat			2200120	3
90-91	8	5.0L	Right, Main & Pre-Cat			2200120	3
89-88	8	5.0L	Right, Main & Pre-Cat			2200120	3
1989	8	5.0L	Left, Main & Pre-Cat			2200120	3
1989	8	5.0L	Right side, Main & Pre-Cat			2200120	3
86-88	8	5.0L	Left, Main & Pre-Cat			2200120	3
FORD CUSTOM, CUSTOM 500							
75-77	8	5.8L	Left or Right			2220120	3
FORD ESCORT							
83-85	4	1.6L				2200120	3
81-82	4	1.6L				2200120	3

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1996	4	1.9L				2821220	3
91-95	4	1.9L	w/o EGR Port on Conv.			2821220	3
91-95	4	1.9L	w/EGR Port on Conv.			2821220	3
85-86	4	1.9L	2 bbl. Carb.			2200120	3
97-02	4	2.0L	(Exc. ZX2)	2024865		2821220	3
FORD EXP							
83-84	4	1.6L				2200120	3
1982	4	1.6L				2200120	3
FORD FAIRMONT, FUTURA							
1983	4	2.3L	39"Conv.			2200120	3
81-83	4	2.3L	(Exc. 39" Conv.)			2200124	3
78-83	6	3.3L	Main & Pre-Cat			2200120	3
1982	8	4.2L	w/23" Rear Conv.			2200124	3
1982	8	4.2L	Main & Pre-Cat, 23" Rear Conv.			2200120	3
1982	8	4.2L	w/25" Conv., Rear			2200120	3
1982	8	4.2L	Main & Pre-Cat, 25" Rear Conv.			2200120	3
1981	8	4.2L	Rear			2200124	3
1981	8	4.2L	Main & Pre-Cat			2200120	3
1980	8	4.2L	Main & Pre-Cat			2200120	3
FORD FESTIVA							
88-89	4	1.3L	w/Air Tube			2200120	3
FORD FIVE HUNDRED							
05-07	4	3.0L	Front, AWD	2024490			3
05-07	4	3.0L	Rear, Main	2024392			3
05-07	4	3.0L	Rear	2024391			3
FORD FOCUS							
05-07	4	2.0L	With California Emissions, w/o Air Manifold, Rear (Not for use in California)			2821120	3
02-04	4	2.0L	Code "5" Eng. & Man Trans.			2821220	3
00-04	4	2.0L	Code "3" Eng. & Man Trans.	2024400		2821220	3
05-07	4	2.3L	With California Emissions, w/o Air Manifold, Rear (Not for use in California)			2821120	3
FORD FUSION							
06-08	6	3.0L	Rear Main Conv., Exc. AWD			2820224	3
FORD GRANADA							
81-82	4	2.3L	Front, (Exc. w/22" Rear Conv.)			2220120	3
81-82	4	2.3L	Main & Pre-Cat, (Exc. w/22" Rear Conv.)			2220120	3
81-82	4	2.3L	w/22" Rear Conv., Front			2220120	3
81-82	4	2.3L	w/22" Rear Conv., Rear			2200124	3
81-82	4	2.3L	w/22" Rear Conv., Main & Pre-Cat			2200120	3
81-82	6	3.3L	Main & Pre-Cat			2200120	3
1982	6	3.8L	w/22" Conv., Rear			2200124	3
1982	6	3.8L	w/22" Conv., Main & Pre-Cat			2200120	3
1982	6	3.8L	w/25" Conv., Main & Pre-Cat			2200120	3
1980	6	4.1L	Rear, (Exc. w/14-1/4" Rear Conv.)			2200120	3
1980	6	4.1L	Main & Pre-Cat, (Exc. w/14-1/4" Rear Conv.)			2200120	3

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1981	8	4.2L	w/22" Rear Conv., Rear			2200124	3
1981	8	4.2L	w/22" Rear Conv., Main & Pre-Cat			2200120	3
1977	8	5.8L	Left or Right			2220120	3
75-76	8	5.8L	Left or Right			2220120	3
FORD LTD FULL SIZE							
81-82	8	4.2L	Left (Driver) Side			2200120	3
81-82	8	4.2L	Right (Passenger) Side			2200120	3
81-85	8	5.0L	Left (Driver) Side			2200120	3
81-85	8	5.0L	Right (Passenger) Side			2200120	3
77-78	8	5.0L	Left or Right			2220120	3
75-78	8	5.8L	Left or Right			2220120	3
79-80	8	All	Left (Driver) Side			2200120	3
79-80	8	All	Right (Passenger) Side			2200120	3
FORD LTD II							
77-79	8	All	Left or Right			2220120	3
FORD LTD MIDSIZE							
84-86	4	2.3L	w/39" Conv.			2200120	3
1983	4	2.3L	Front			2220120	3
1983	4	2.3L	Main & Pre-Cat			2200120	3
1983	6	3.3L	Main & Pre-Cat			2200120	3
84-86	6	3.8L	w/Fuel Injection, Rear			2200124	3
84-86	6	3.8L	w/Fuel Injection, Main & Pre-Cat			2200124	3
1984	6	3.8L	w/EEC, Main & Pre-Cat			2200124	3
1984	6	3.8L	Rear, (Exc. Fuel Injection & EEC)			2200124	3
1984	6	3.8L	Main & Pre-Cat, (Exc. Fuel Injection & EEC)			2200120	3
1983	6	3.8L	Rear			2200124	3
1983	6	3.8L	Main & Pre-Cat			2200120	3
FORD MUSTANG							
84-86	4	2.3L	(Exc. Turbo)			2200120	3
1983	4	2.3L	With California Emissions (Not for use in California)			2200120	5
79-82	4	2.3L	w/Air Tube			2200124	3
99-04	6	3.8L	Rear, Left or Right			2820224	3
99-04	6	3.8L	Complete		2020023	-	3
96-98	6	3.8L	Left or Right			-	3
96-98	6	3.8L	Complete		2020025	-	3
94-95	6	3.8L	Left or Right			2820224	3
94-95	6	3.8L	Complete		2020024	-	3
84-86	6	3.8L	Rear			2200124	3
84-86	6	3.8L	Main & Pre-Cat			2200124	3
1983	6	3.8L	Rear			2200124	3
1983	6	3.8L	Main & Pre-Cat			2200120	3
2004	6	3.9L	Rear, Left or Right			2820224	3
05-09	6	4.0L	Complete		2020040	-	3

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79-82	6	All	Main & Pre-Cat			2200120	3
1982	8	4.2L	Rear			2200124	3
1982	8	4.2L	Main & Pre-Cat			2200120	3
1981	8	4.2L	Rear			2200124	3
1981	8	4.2L	Main & Pre-Cat			2200124	3
05-09	8	4.6L	Complete		2020028	-	3
99-03	8	4.6L	Complete		2020027	-	3
96-98	8	4.6L	Complete		2020026	-	3
94-95	8	5.0L	Left or Right, Front or Rear			2821325	3
94-95	8	5.0L	Complete		2020030	-	3
86-93	8	5.0L	Left or Right, Front or Rear			2200124	3
86-93	8	5.0L	Complete		2020029	-	3
84-85	8	5.0L	Manual Trans., Rear			2200125	3
84-85	8	5.0L	Manual Trans., Main & Pre-Cat			2200125	3
84-85	8	5.0L	Auto Trans., Rear			2200125	3
84-85	8	5.0L	Auto Trans., Main & Pre-Cat			2200125	3
1983	8	5.0L	Auto Trans., Rear			2200125	3
1983	8	5.0L	Auto Trans., Main & Pre-Cat			2200125	3
1982	8	5.0L	25" Conv., Rear			2200124	3
1982	8	5.0L	25" Conv., Main & Pre-Cat			2200120	3
79-80	8	All	Main & Pre-Cat			2200120	3
FORD MUSTANG II							
75-76	6	2.8L				2220120	3
75-76	8	5.0L				2220120	3
FORD PINTO							
75-76	6	2.8L	Left or Right			2220120	3
FORD TAURUS							
00-07	6	3.0L	Front	2034242			3
00-07	6	3.0L	Rear	2024185			3
00-05	6	3.0L	Front	2021084		-	3
00-05	6	3.0L	Rear	2021085		-	3
00-05	6	3.0L	Main, Rear	2024185			3
96-99	6	3.0L		2024888			3
94-95	6	3.2L	SHO Models, Left & Right			2821220	3
88-90	6	3.8L	Rear			2200120	3
88-90	6	3.8L	Main & Pre-Cat			2200120	3
FORD TEMPO							
1984	4	2.3L				2200120	3
FORD THUNDERBIRD							
80-82	6	3.3L	Main & Pre-Cat			2200120	3
84-88	6	3.8L	Rear			2200124	3
84-88	6	3.8L	Main & Pre-Cat			2200124	3
82-83	6	3.8L	Rear			2200124	3
82-83	6	3.8L	Main & Pre-Cat			2200120	3
96-97	8	4.6L	Rear			2824220	3

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94-95	8	4.6L	w/o Post Conv. O2 Sensor Port, Rear			2904220	3
94-95	8	4.6L	w/Post Conv. O2 Sensor, Rear			2824220	3
91-93	8	5.0L	Rear			2904220	3
87-88	8	5.0L	w/4 Conv. System - Front or Rear, Left or Right			2200120	3
86-88	8	5.0L	w/3 Conv. System, Rear			2200124	3
86-88	8	5.0L	w/3 Conv. System, Main & Pre-Cat			2200124	3
83-85	8	5.0L	Left or Right			2200124	3
80-82	8	All	Rear			2200124	3
80-82	8	All	Main & Pre-Cat			2200124	3
77-79	8	All	Left or Right, (Exc. 400 C.I.D.)			2220120	3
FORD TORINO, GRAN TORINO							
75-76	8	All	(Exc. 400 or 460 C.I.D.)			2220120	3
GEO METRO							
96-97	3	1.0L	w/51-1/8" Conv., Federal Emissions			2821220	4
1997	4	1.3L	Rear, California Emissions			2820120	3
1997	4	1.3L	w/51-1/8" Conv., Federal Emissions			2821220	4
1996	4	1.3L	w/51-1/8" Conv.			2821220	3
GEO PRIZM							
96-97	4	1.6L				2821220	3
90-95	4	1.6L	(Exc. H.O.)			2200120	3
90-93	4	1.6L	w/H.O.			2200120	3
89-97	4	1.6L	Rear		2050001	-	3
98-02	4	1.8L	DOHC, 4 Dr.			2820120	3
96-97	4	1.8L				2821220	3
93-96	4	1.8L	(Exc. California Emissions)		2050001	-	4
93-95	4	1.8L	Rear			2200120	3
GEO SPECTRUM							
1989	4	1.5L	Main & Pre-Cat			2200120	3
HONDA ACCORD							
81-83	4	1.8L				2220120	3
1980	4	1.8L	12-1/2" Conv.			2220120	3
86-89	4	2.0L	U.S. Models			2220120	3
86-87	4	2.0L	(Canada Model)			2220120	3
96-97	4	2.2L	DX, LX, SE, 2Dr, 4 Dr.			2821120	3
91-93	4	2.2L	14" Conv.			2220120	3
90-93	4	2.2L	13" Conv.			2220120	3
98-02	4	2.3L		2064145	2060001	2821120	3
03-07	4	2.4L		2064503			3
95-97	6	2.7L				2821120	3
00-02	6	3.0L		2064209		2821124	3
98-99	6	3.0L		2064253		2821124	3
03-07	6	3.0L	Front, Left EX, LX Model, Special Edition	2061250			3
03-07	6	3.0L	Front, Right EX, LX Model, Special Edition				

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03-07	6	3.0L	Rear	2064533			3
HONDA CIVIC							
80-83	4	1.3L				2220120	3
94-95	4	1.5L	DX / SI, 3 Dr. Hatchback		2060003	2220120	3
92-95	4	1.5L	DX, Auto Trans.		2060003	2220120	3
1993	4	1.5L	DX / SI, 3 Dr. Hatchback			2220120	3
92-93	4	1.5L	DX, (Exc. Auto Trans.)			2220120	3
90-91	4	1.5L	3 Dr.			2220120	3
88-90	4	1.5L	DX			2220120	3
88-90	4	1.5L	4 Dr.			2220120	3
80-83	4	1.5L				2220120	3
99-00	4	1.6L	Si or EX	2064839		2821120	3
96-00	4	1.6L	LX/CX/DX	2064340			3
94-95	4	1.6L	DX / SI, 3 Dr. Hatchback		2060003	2220120	3
93-95	4	1.6L	EX Models		2060003	2220120	3
1992	4	1.6L	EX Coupe or Sedan			2220120	3
90-91	4	1.6L	3 Dr.			2220120	3
89-90	4	1.6L	Si 3 Dr.			2220120	3
01-05	4	1.7L	GX/DX/LX	2064230			3
01-05	4	1.7L	w/ V-TEC			2821124	3
01-05	4	1.7L	EX	2064227			3
02-05	4	2.0L	Si, w/ V-TEC, Auto Trans.			2821124	3
88-89	4	All	Station Wgn.			2220120	3
HONDA CIVIC DEL SOL							
93-95	4	1.5L			2060003	2220120	3
96-97	4	1.6L	"S"	2064340			3
93-95	4	1.6L			2060003	2220120	3
HONDA CRX							
88-91	4	1.5L	DX			2220120	3
88-91	4	1.6L	SI			2220120	3
HONDA PRELUDE							
81-82	4	1.8L				2220120	3
1980	4	1.8L	Auto Trans.			2220120	3
88-91	4	2.0L				2220120	3
92-95	4	2.2L				2220120	3
1996	4	2.3L				2821120	3
92-95	4	2.3L				2220120	3
HYUNDAI ACCENT							
06-10	4	1.6L		2074611			3
96-97	4	1.5L	SOHC			2820120	3
1995	4	1.5L	SOHC			2220120	3
HYUNDAI AZERA							
06-09	6	3.8L	Rear Main			2821120	3
HYUNDAI ELANTRA							
96-98	4	1.8L	Rear			2820120	3

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03-12	4	2.0L	Front	2071234			3
04-05	4	2.0L	Rear, California Emissions			2820120	3
04-05	4	2.0L	Rear, Federal Emissions	2054729		2820120	3
2003	4	2.0L	Rear, Federal Emissions	2074262		2820120	3
01-02	4	2.0L	Rear, Federal Emissions			2820120	3
01-05	4	2.0L	N/A	2071062			3
01-03	4	2.0L	Rear, California Emissions	2074662			3
HYUNDAI EXCEL							
90-94	4	1.5L				2220120	3
86-89	4	1.5L	Main & Pre-Cat			2200120	3
86-89	4	1.5L	Rear, W/Air Tube			2200120	3
86-89	4	1.5L	Main & Pre-Cat			2200120	3
HYUNDAI SCOUPE							
91-95	4	1.5L	(Exc. Turbo)			2220120	3
HYUNDAI SONATA							
06-07	4	2.4L	Rear			2821120	3
99-05	4	2.4L	Rear			2820224	3
99-05	4	2.4L	Rear	2074358			3
99-05	4	2.4L	Front	2071018		-	3
96-98	4	2.0L				2820224	3
1996	6	3.0L				2820224	3
HYUNDAI STELLAR							
85-86	4	1.5L	(Canada Model)			2200120	3
85-86	4	1.6L	(Canada Model)			2200120	3
1987	4	2.0L	(Canada Model)			2200120	3
HYUNDAI TIBURON							
07-08	4	2.0L	Front	2071234			3
2005	4	2.0L	Rear, California Emissions			2821120	5
03-04	4	2.0L	Rear, California Emissions			2820120	5
03-06	4	2.0L	N/A	2071062			3
03-06	4	2.0L	Rear	2074662	2074262		3
03-05	6	2.7L	Rear Main Conv.			2820224	3
HYUNDAI XG300							
2001	6	3.0L	Rear Main	2071089		2821124	3
2001	6	3.0L	Front	2071070			3
HYUNDAI XG350							
02-03	6	3.5L	Rear Main	2071089		2821124	3
02-03	6	3.5L	Front	2071070			3
INFINITI G20							
00-02	4	2.0L	Rear, California Emissions			2821224	5
00-02	4	2.0L	Rear, Federal & California Emissions	2074317			3
INFINITI I30							
00-01	6	3.0L	Rear, California Emissions	2074317		2821224	3

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00-01	6	3.0L	Front	2071014			3
00-01	6	3.0L	Center	2074014			3
96-99	6	3.0L	Rear	2074841			3
INFINITI I35							
02-04	6	3.5L	Front	2071078			3
02-04	6	3.5L	Rear	2071079			3
INFINITI Q45							
02-05	8	4.5L	Universal, Left or Right			2821220	3
JAGUAR S-TYPE							
00-02	4	3.0L	Left	2024421			3
00-02	4	3.0L	Right	2024420			3
JAGUAR XJ							
90-94	6	4.0L	XJ6, Front, Left or Right			2220120	3
80-92	12	All	XJS, Front, Left or Right			2220120	3
78-79	12	All	XJS/XJ12 Models, Left or Right			2220120	3
76-77	12	All	XJS, Left or Right			2220120	3
75-77	12	All	XJ12, Left or Right			2220120	3
KIA AMANTI							
07-09	6	3.8L	Rear Main			2821124	3
KIA OPTIMA							
06-08	4	2.4L	Rear			2821120	3
01-06	4	2.4L	Front	2071018			3
01-05	4	2.4L	Rear	2074358		2820224	3
2006	4	2.4L	Rear "6"	2074358			3
KIA RIO							
06-10	4	1.6L		2074611			3
KIA RIO 5							
06-10	4	1.6L		2074611			3
KIA SPECTRA							
07-09	4	2.0L	Federal Emissions, Rear			2821120	3
07-09	4	2.0L	With California Emissions, Rear (Not for use in California)			2821120	3
04-09	4	2.0L	Front	2071234			3
KIA SPECTRA 5							
06-09	4	2.0L	Front	2071234			3
LADA SAMARA							
87-93	4	All	Samara (Canada Model)			2220120	3
LEXUS ES 300							
02-03	6	3.0L	Auto Trans, USA Built, Rear Main			2821120	3
02-03	6	3.0L	Front	2051170			3
02-03	6	3.0L	Rear	2054383			3
99-01	6	3.0L	With California Emissions, Rear (Not for use in California)			2821124	5
99-01	6	3.0L	Center	2094476			3
97-99	6	3.0L	Manual Trans. Federal Emissions			2821220	4
97-99	6	3.0L	Auto Trans. Federal Emissions	2054835		2821220	3

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96-98	6	3.0L	Main, USA Built, California Emissions	2054259			3
1995	6	3.0L				2821220	3
04-06	6	3.3L	Auto Trans, USA Built, Rear Main			2821120	3
LEXUS ES 330							
04-06	6	3.3L	Auto Trans, USA Built, Rear Main	2054383			3
LEXUS GS 300							
00-05	6	3.0L	w/42" Conv., Rear			2821220	3
98-05	6	3.0L		2054276			3
LEXUS GS 400							
98-00	8	4.0L	Left or Right	2054971			3
LEXUS GS 430							
01-07	8	4.3L	Left or Right	2054971			3
LEXUS IS 300							
01-05	6	3.0L	w/42" Conv., Rear			2821220	3
01-05	6	3.0L		2054276			3
LEXUS LS							
00-05	6	3.0L	Left	2024421			3
LEXUS LS 400							
90-97	8	4.0L	Left or Right	2054198		2220120	3
1998	8	4.0L	Left or Right	2054971			3
LEXUS LS 430							
01-06	8	4.3L	Left or Right	2054971			3
LEXUS SC 300							
98-00	6	3.0L		2054276			3
LEXUS SC 400							
92-97	8	4.0L	Left	2054198			3
LEXUS SC 430							
02-09	8	4.3L	Left or Right	2054971			3
LINCOLN CONTINENTAL							
1982	6	3.8L	Rear			2200124	3
1982	6	3.8L	Main & Pre-Cat			2200124	3
85-87	8	5.0L	Rear, (Exc. Dual Exhaust)			2200124	3
85-87	8	5.0L	Main & Pre-Cat, (Exc. Dual Exhaust)			2200124	3
85-87	8	5.0L	Rear, Left or Right, w/Dual Exhaust			2900224	3
83-84	8	5.0L	Left or Right			2200124	3
1982	8	5.0L	Rear			2200124	3
1980	8	5.0L	Left or Right			2200120	3
1980	8	5.8L	Left or Right			2200120	3
LINCOLN LS							
00-05	6	3.0L	Right	2024420			3
LINCOLN MARK Series							
88-92	8	5.0L	Complete, Dual Exhaust			2900224	3
86-87	8	5.0L	Rear			2200124	3

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86-87	8	5.0L	Main & Pre-Cat			2200124	3
84-85	8	5.0L	Left or Right			2200124	3
82-83	8	5.0L	Left (Driver) Side			2200120	3
82-83	8	5.0L	Right (Passenger) Side			2200120	3
80-81	8	5.0L	Front or Rear, Left or Right, Dual Exhaust			2200120	3
1981	8	5.0L	Left (Driver) Side, (Exc. Dual Exhaust)			2200120	3
1981	8	5.0L	Right, (Exc. Dual Exhaust)			2200120	3
LINCOLN TOWN CAR							
03-06	8	4.6L	Front, Left or Right			2821324	3
03-11	8	4.6L	Right	2024803			3
03-11	8	4.6L	Left	2025002			3
96-02	8	4.6L	Right (Passenger) Side		2020041	2821220	3
96-02	8	4.6L	Left (Driver) Side		2020042	2821220	3
1990	8	5.0L	Left, Main & Pre-Cat			2200120	3
1990	8	5.0L	Right Side, Main & Pre-Cat			2200120	3
1989	8	5.0L	Left, Main & Pre-Cat			2200120	3
1989	8	5.0L	Right Side, Main & Pre-Cat			2200120	3
86-88	8	5.0L	Left (Driver) Side			2200120	3
86-88	8	5.0L	Right Side			2200120	3
81-85	8	5.0L	Left (Driver) Side			2200120	3
81-85	8	5.0L	Right Side			2200120	3
LINCOLN VERSAILLES							
1980	8	5.0L	Main & Pre-Cat			2200124	3
LINCOLN ZEPHYR							
2006	6	3.0L	Rear Main Conv.			2820224	3
MASERATI							
85-87	6	All	Biturbo			2400225	3
80-82	8	All				2400225	3
MAZDA 6							
03-05	6	3.0L	Rear Main	2021185		2821120	3
MAZDA 626							
98-02	4	2.0L	Rear, Federal Emissions			2820224	4
98-02	6	2.5L	Rear, Federal Emissions			2820224	4
MAZDA MIATA, MX5							
99-02	4	1.8L				2820124	3
96-99	4	1.8L	Rear			2820224	3
1994	4	1.8L				2200120	3
MAZDA MILLENIA							
96-02	6	2.5L	Rear Main			2821120	3
MAZDA MX3							
92-93	6	All				2200120	3
MAZDA PROTÉGÉ							
95-96	4	1.5L	Rear			2820120	3
97-98	4	1.5L	Rear			2820120	3
99-01	4	1.6L	Front	2021023			3

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99-00	4	1.8L	Front	2021023			3
01-03	4	2.0L	Front	2021023			3
01-03	4	2.0L	Rear, Auto Trans.			2820120 / 2821124	3
MAZDA PROTÉGÉ 5							
02-03	4	2.0L	Front	2021023			3
MAZDA RX-7							
84-85	Rotary	1.1L	Rear			2200120	3
84-85	Rotary	1.1L	Main & Pre-Cat			2200120	3
81-83	Rotary	1.1L	Rear			2200120	3
81-83	Rotary	1.1L	Main & Pre-Cat			2200120	3
1980	Rotary	1.1L	Rear			2200120	3
86-91	Rotary	1.3L	Rear, (Exc. Turbo)			2200124	3
86-90	Rotary	1.3L	Rear, Turbo			2200124	3
86-90	Rotary	1.3L	Turbo, Main & Pre-Cat			2200124	3
84-85	Rotary	1.3L	Rear			2200120	3
84-85	Rotary	1.3L	Main & Pre-Cat			220120	3
MERCEDES-BENZ 190							
91-93	4	2.3L				2900224	3
MERCURY BOBCAT							
75-76	6	2.8L	Left or Right			2220120	3
MERCURY CAPRI							
84-86	4	2.3L	(Exc. Turbo)			2200120	3
1983	4	2.3L	With California Emissions (Not for use in California)			2200120	5
79-82	4	2.3L	w/Air Tube			2200124	3
76-77	6	2.8L	Left or Right, Dual Convs.			2220120	3
84-86	6	3.8L	Rear			2200124	3
84-86	6	3.8L	Main & Pre-Cat			2200124	3
1983	6	3.8L	Rear			2200124	3
1983	6	3.8L	Main & Pre-Cat			2200120	3
79-82	6	All	Main & Pre-Cat			2200120	3
1982	8	4.2L	Rear			2200124	3
1982	8	4.2L	Main & Pre-Cat			2200120	3
1981	8	4.2L	Rear			2200124	3
1981	8	4.2L	Main & Pre-Cat			2200124	3
1986	8	5.0L	Front or Rear, Left or Right			2200124	3
84-85	8	5.0L	Rear, Manual Trans.			2200125	3
84-85	8	5.0L	Manual Trans., Main & Pre-Cat			2200125	3
84-85	8	5.0L	Auto Trans., Rear			2200125	3
84-85	8	5.0L	Auto Trans., Main & Pre-Cat			2200125	3
1983	8	5.0L	Auto Trans., Rear			2200125	3
1983	8	5.0L	Auto Trans., Main & Pre-Cat			2200125	3
1982	8	5.0L	25" Conv., Rear			2200124	3

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1982	8	5.0L	25" Conv., Main & Pre-Cat			2200120	3
79-80	8	All	Main & Pre-Cat			2200120	3
MERCURY COUGAR							
99-00	6	2.5L	Main Conv., Manual Trans.			2820224	3
80-82	6	3.3L	Main & Pre-Cat			2200120	3
84-88	6	3.8L	Rear			2200124	3
84-88	6	3.8L	Main & Pre-Cat			2200124	3
82-83	6	3.8L	Rear			2200124	3
82-83	6	3.8L	Main & Pre-Cat			2200120	3
96-97	8	4.6L	Rear			2824220	3
94-95	8	4.6L	Rear, w/out Post Conv. O2 Sensor Port			2904220	3
94-95	8	4.6L	Rear, w/Post Conv. O2 Sensor Port			2824220	3
91-93	8	5.0L	Rear			2904220	3
86-88	8	5.0L	Rear, w/3 Conv. System			2200124	3
86-88	8	5.0L	Main & Pre-Cat, w/3 Conv. System			2200124	3
83-85	8	5.0L	Left or Right			2200124	3
80-82	8	All	Rear			2200124	3
80-82	8	All	Main & Pre-Cat			2200124	3
77-79	8	All	Left or Right, (Exc. 400 C.I.D.)			2220120	3
MERCURY GRAND MARQUIS FULL SIZE							
03-06	8	4.6L	Front, Left or Right			2821324	3
03-11	8	4.6L	Right	2024803			3
03-11	8	4.6L	Left	2054805			3
96-02	8	4.6L	Left or Right			2821220	3
96-02	8	4.6L	Right (Passenger) Side		2020041	2821220	3
96-02	8	4.6L	Left (Driver) Side		2020042	2821220	3
90-91	8	5.0L	Left, Main & Pre-Cat			2200120	3
90-91	8	5.0L	Right Side, Main & Pre-Cat			2200120	3
1989	8	5.0L	Left, Main & Pre-Cat			2200120	3
1989	8	5.0L	Right Side, Main & Pre-Cat			2200120	3
86-88	8	5.0L	Left, Main & Pre-Cat			2200120	3
86-88	8	5.0L	Right Side, Main & Pre-Cat			2200120	3
83-85	8	5.0L	Left			2200120	3
83-85	8	5.0L	Right			2200120	3
MERCURY MLN7							
1983	4	1.6L				2200120	3
1982	4	1.6L				2200120	3
MERCURY LYNX							
85-86	4	1.6L	2 bbl. Carb.			2200120	3
83-85	4	1.6L				2200120	3
81-82	4	1.6L				2200120	3
MERCURY MARAUDER							
03-04	8	4.6L	Right	2024803			3
03-04	8	4.6L	Left	2025002			3

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MERCURY MARQUIS							
81-82	8	4.2L	Left (Driver) Side			2200120	3
81-82	8	4.2L	Right (Passenger) Side			2200120	3
1978	8	5.8L	Left (Driver) Side			2200120	3
1978	8	5.8L	Right (Passenger) Side			2200120	3
79-80	8	All	Right (Passenger) Side			2200120	3
79-80	8	All	Left (Driver) Side			2200120	3
MERCURY MARQUIS MIDSIZE							
84-86	4	2.3L	39" Conv.			2200120	3
1983	4	2.3L	Main & Pre-Cat			2200120	3
84-86	6	3.8L	w/Fuel Injection, Rear			2200124	3
84-86	6	3.8L	w/Fuel Injection, Main & Pre-Cat			2200124	3
1984	6	3.8L	EEC, Rear			2200120	3
1984	6	3.8L	EEC, Main & Pre-Cat			2200124	3
1984	6	3.8L	Rear, (Exc. Fuel Injection & EEC)			2200124	3
1984	6	3.8L	Main & Pre-Cat, (Exc. Fuel Injection & EEC)			2200120	3
1983	6	3.3L	Main & Pre-Cat			2200120	3
1983	6	3.8L	Rear			2200124	3
1983	6	3.8L	Main & Pre-Cat			2200120	3
MERCURY MILAN							
06-08	6	3.0L	Rear Main Conv., FWD			2820224	3
MERCURY MONARCH							
1980	6	4.1L	Rear, (Exc. 14-1/4" Conv.)			2200120	3
1980	6	4.1L	Main & Pre-Cat, (Exc. 14-1/4" Conv.)			2200120	3
1977	8	5.8L	Left or Right			2220120	3
75-76	8	5.8L	Left or Right			2220120	3
MERCURY MONTEGO							
05-07	6	3.0L	Front, AWD	2024490			3
05-07	6	3.0L	Rear, Main	2024392			3
05-07	6	3.0L	Rear	2024391			3
75-76	8	All	Left or Right, (Exc. 400 & 460 C.I.D.)			2220120	3
MERCURY MYSTIQUE							
95-00	6	2.5L	Main Conv., Manual Trans.			2820224	3
MERCURY SABLE							
00-05	6	3.0L	Front	2021084/2024184		-	3
00-05	6	3.0L	Rear	2021085/2024185		-	3
00-05	6	3.0L	Rear, Main	2024185			3
96-99	6	3.0L		2024888			3
88-90	6	3.8L	Rear			2200120	3
88-90	6	3.8L	Main & Pre-Cat			2200120	3
MERCURY TOPAZ							
1984	4	2.3L				2200120	3

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MERCURY TRACER							
1996	4	1.9L				2821220	3
91-95	4	1.9L	w/o EGR Port on Conv.			2821220	3
91-95	4	1.9L	EGR Port on Conv.			2821220	3
97-99	4	2.0L		2024865		2821220	3
MERCURY ZEPHYR							
1983	4	2.3L	39" Conv.			2200120	3
81-83	4	2.3L	(Exc. 39" Conv.)			2200124	3
78-83	6	3.3L	Main & Pre-Cat			2200120	3
1982	8	4.2L	23" Conv., Rear			2200124	3
1982	8	4.2L	23" Conv., Main & Pre-Cat			2200124	3
1982	8	4.2L	25" Conv., Rear			2200120	3
1982	8	4.2L	25" Conv., Main & Pre-Cat			2200120	3
1981	8	4.2L	Rear			2200124	3
1981	8	4.2L	Main & Pre-Cat			2200120	3
1980	8	4.2L	Main & Pre-Cat			2200120	3
MERKUR SCORPIO							
88-89	6	2.9L	Rear			2200120	3
88-89	6	2.9L	Main & Pre-Cat			2200120	3
MITSUBISHI 3000GT							
91-95	6	3.0L	Rear			2200124	3
MITSUBISHI CORDIA, TREDIA							
83-88	4	All	Rear			2220120	3
83-88	4	All	Main & Pre-Cat			2200120	3
MITSUBISHI DIAMANTE							
94-95	6	3.0L	Front, Left or Right			2220124	3
99-02	6	3.5L	Front	2031094			3
MITSUBISHI ECLIPSE							
95-98	4	2.0L				2820224	3
06-09	4	2.4L	Rear			2821124	3
00-05	4	2.4L	Rear, From 06/00			2820224	3
00-05	4	2.4L	Front	2091082			3
96-98	4	2.4L				2820224	3
00-05	6	3.0L	Front	2031094			3
MITSUBISHI GALANT							
00-03	4	2.4L	Rear, From 06/00			2820224	3
00-03	4	2.4L	Front	2091082			3
2002	4	2.4L	Rear, California Emissions			2820224	5
99-00	4	2.4L	Federal Emissions; To 5/00			2820224	4
99-03	6	3.0L	Front	2031094			3
MITSUBISHI LANCER							
04-07	4	2.0L	Front, Naturally Aspirated	2091271			3
MITSUBISHI MIRAGE							
87-88	4	1.5L				2220120	3
87-88	4	1.6L	Turbo			2220120	3

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85-86	4	All	Main & Pre-Cat			2200120	3
mitsubishi precis							
87-89	4	All	Main & Pre-Cat			2200120	3
NISSAN 200SX							
1998	4	2.0L				2820224	3
95-96	4	1.6L		2074841			3
95-97	4	2.0L	SE-R	2074841			3
NISSAN 240SX							
95-98	4	2.4L	Rear	2074317		2821224	3
NISSAN 300ZX							
90-95	6	3.0L	(Exc. Turbo), Left			2200124	3
90-95	6	3.0L	(Exc. Turbo), Right			2200124	3
90-95	6	3.0L	Turbo, Left or Right			2200125	3
NISSAN ALTIMA							
00-01	4	2.4L	Rear, California Emissions	2074317		2821224	3
98-01	4	2.4L	Front	2071017		-	3
95-97	4	2.4L		2074841			3
93-94	4	2.4L	W/02 SENSOR	2074841			3
07-12	4	2.5L	Front	2071169			3
07-15	4	2.5L		2075024			3
02-06	4	2.5L	Rear, California Emissions	2074295		2820124	3
02-06	4	2.5L	Front	2071195			3
02-04	6	3.5L	Rear Main			2821124	3
04-06	6	3.5L	Automatic	2074438			3
05-06	6	3.5L	Front	2071196			3
05-06	6	3.5L	Front	2071126			3
2004	6	3.5L	From 01/04, Front	2071126			3
2004	6	3.5L	To 01/04, Front	2071196			3
2004	6	3.5L	From 01/04, Front	2071196			3
02-03	6	3.5L	Front	2071196			3
02-06	6	3.5L	Rear	2071197			3
NISSAN MAXIMA							
00-01	6	3.0L	Rear, California Emissions	2074317		2821224	3
04-06	6	3.5L	Auto Trans, Rear Main	2074438		2821124	3
00-01	6	3.0L	Front	2071014			3
00-01	6	3.0L	Center	2074014			3
02-03	6	3.5L	Front	2071078			3
02--03	6	3.5L	Rear	2071079			3
04-08	6	3.5L	Rear	2071197			3
95-00	6	3.0L		2074841			3
NISSAN MICRA							
84-87	4	All	(Canada Model)			2200120	3

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NISSAN PULSAR							
83-86	4	All	w/Air Tube			2200124	3
NISSAN SENTRA							
87-88	4	1.6L	w/Carb., 4WD			2200124	3
95-96	4	1.6L	Rear, w/O2 Sensor	2074841			3
03-06	4	1.8L	Front	2071043			3
03-06	4	1.8L	Rear	2074343			3
2002	4	1.8L		2074317			3
00-02	4	1.8L		2074356			3
00-01	4	1.8L	Rear	2074317			3
2000	4	2.0L	From 01/00, Rear	2074317			3
98-00	4	2.0L	To 12/99			2820224	3
2001	4	2.0L	Rear	2074317			3
02-06	4	2.5L	Front	2071195			3
NISSAN STANZA							
86-88	4	All	Station Wgn., w/Air Tube			2200124	3
NISSAN VERSA							
09-11	4	1.6L		2074432			3
07-12	4	1.8L		2074432			3
OLDSMOBILE 88							
97-99	6	3.8L	Models w/4 Bolt Flange Inlet	2014890			3
OLDSMOBILE 98							
1985	6	3.0L				2200120	3
95-96	6	3.8L	Code "K" & "L" Eng., 1st Design Front Pipe & Conv. are 1 Piece.			2820124	3, 6
1985	6	3.8L				2200120	3
81-83	6	4.1L				2200124	3
1984	8	5.0L				2200124	3
81-83	8	5.0L				2200124	3
1975	8	6.6L				2400225	3
75-76	8	7.5L				2400225	3
OLDSMOBILE ACHIEVA							
93-95	4	2.3L	Quad 4			2220120	3
96-98	4	2.3L	Auto Trans.			2820120	3
96-97	4	2.4L	Manual Trans.			2820124	3
1998	6	3.1L	W/Flat Gasket at Manifold			2820124	3
97-98	6	3.1L	W/Steel Crush Ring Gasket at Manifold			2820120	3
1996	6	3.1L				2820120	3
OLDSMOBILE ALERO							
02-04	4	2.2L		2014205		2821120	3
02-04	4	2.4L				2820120	3
99-01	4	2.4L		2010034		2820124	3
99-04	6	3.4L		2014863		2820124	3
OLDSMOBILE AURORA							
1995	8	4.0L				2820125	3

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96-99	8	4.0L				2822225	3
96-99	8	4.0L	Models w/4 Bolt Flange Inlet	2014890			3
OLDSMOBILE CALAIS							
1989	6	3.3L				2220124	3
OLDSMOBILE CIERA							
1996	4	2.2L	Ciera & Ciera Cruiser			2820124	3
86-92	4	2.5L				2200120	3
82-85	4	2.5L				2200120	3
86-89	6	2.8L				2200120	3
1996	6	3.1L				2820124	3
94-95	6	3.1L				2220124	3
86-88	6	3.8L				2200120	3
82-85	6	All				2200120	3
OLDSMOBILE CUTLASS							
98-99	6	3.1L	M Eng.			2820124	3
98-99	6	3.1L		2014863			S
1997	6	3.1L				2820124	3
1997	6	3.1L	Supreme			2820124	3
1996	6	3.1L				2820124	3
95-96	6	3.1L	Models w/Post Conv. O2 Sensor			2820124	3
94-95	6	3.1L	(Exc. Models w/Post Conv. O2 Sensor)			2220120	3
83-87	6	3.8L				2200124	3
1983	6	3.8L	With California Emissions (Not for use in California)			2200124	5
81-82	6	3.8L				2200124	3
78-79	6	3.8L				2200124	3
81-82	8	4.3L				2200124	3
1980	8	4.3L				2200124	3
78-79	8	4.3L				2200124	3
83-88	8	5.0L				2200124	3
81-82	8	5.0L				2200124	3
1978	8	5.0L	w/2 bbl. Carb.			2200124	3
1977	8	6.6L				2400225	3
1976	8	7.5L				2400225	3
OLDSMOBILE EIGHTY-EIGHT, DELTA 88							
97-99	6	3.8L				2822225	3
95-96	6	3.8L	Code "K" Eng.			2822225	3, 6
81-82	6	All				2200124	3
1980	6	All	w/Air Tube			2200125	3
84-90	8	5.0L	Station Wgn.			2900224	3
84-85	8	5.0L	(Exc. Station Wgn.)			2200124	3
81-83	8	5.0L				2200124	3
1980	8	5.7L	Code "R"			2200124	3
75-76	8	7.5L				2400225	3

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OLDSMOBILE INTRIGUE							
99-02	6 Cyl.	3.5L				2820124	3
98-99	6	3.8L	Code "K"	2014876			3
OLDSMOBILE OMEGA							
82-84	4	2.5L				2200120	3
1980	4	2.5L				2200120	3
83-84	6	2.8L				2200120	3
1982	6	2.8L	(Exc. Code "Z" Eng.)			2200120	3
1982	6	2.8L	Code "Z" Eng.			2200124	3
1980	6	2.8L				2200120	3
OLDSMOBILE REGENCY							
97-98	6	3.8L				2822225	3
97-98	6	3.8L	Models w/4 Bolt Flange Inlet	2014890			3
OLDSMOBILE TORONADO							
91-92	6	3.8L				2200125	3
1984	6	4.1L				2200124	3
81-83	6	4.1L				2200124	3
84-85	8	5.0L				2200124	3
81-83	8	5.0L				2200124	3
77-78	8	6.6L				2400225	3
75-76	8	7.5L				2400225	3
PEUGOT 604							
77-78	6	2.7L	Left or Right			2220120	3
PLYMOUTH ACLAIM							
90-95	4	2.5L	(Exc. Turbo)			2220120	3
1990	4	2.5L	Turbo			2200124	3
1989	4	2.5L	(Exc. Turbo)			2220120	3
PLYMOUTH BREEZE							
98-00	4	2.4L		2034859			3
PLYMOUTH CARAVELLE							
1988	4	2.2L	Auto Trans., Built After 10/12/87, (Exc. Turbo)			2200120	3
1986	4	2.2L	Auto Trans., (Exc. Turbo)			2200120	3
1985	4	2.2L	(Exc. Turbo)			2200120	3
87-88	4	2.5L				2200120	3
1986	4	2.5L				2200120	3
PLYMOUTH CHAMP							
81-82	4	All	Main & Pre-Cat			2200120	3
PLYMOUTH COLT							
87-88	4	1.5L				2220120	3
87-88	4	1.6L				2220120	3
PLYMOUTH EXPO							
87-89	4	2.2L	(Canada Model)			2200120	3
PLYMOUTH FURY, GRAN FURY							
81-83	6	3.7L	Rear			2200120	3
81-83	6	3.7L	Main & Pre-Cat			2200120	3

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1980	6	3.7L	4 Dr., Rear			2200120	3
1980	6	3.7L	4 Dr., Main & Pre-Cat			2200120	3
75-76	8	5.2L				2900225	3
81-89	8	5.9L	Rear			2200124	3
81-89	8	5.9L	Main & Pre-Cat			2200124	3
75-76	8	5.9L				2900225	3
75-76	8	6.6L				2900225	3
75-76	8	7.2L	Dual Exhaust, Left or Right			2500225	3
75-76	8	7.2L	Single Exhaust			2500225	3
PLYMOUTH HORIZON							
83-86	4	1.6L	Front			2200120	3
82-83	4	1.7L	Front			2200120	3
1981	4	1.7L	Front			2200120	3
80-81	4	1.7L	Rear			2200120	3
1980	4	1.7L	Front, Mini-Ox Conv.			2200120	3
78-79	4	1.7L	Rear			2200120	3
88-90	4	2.2L				2200120	3
81-87	4	2.2L	Front			2200120	3
81-82	4	2.2L	Rear			2200120	3
PLYMOUTH NEON							
95-99	4	2.0L	Federal Emissions, exc. 98-99 LEV			2820224	4
00-01	4	2.0L	w/2" OD Outlet, Federal Emissions TLEV, Exc. ULEV			2820124	4
00-01	4	2.0L	w/2-1/4" OD Outlet, Exc. ULEV			2820124	3
PLYMOUTH RELIANT							
1989	4	2.2L				2200120	3
1988	4	2.2L	Auto Trans., Built After 10/12/87			2200120	3
87-88	4	2.2L	Manual Trans.			2200120	3
1986	4	2.2L	Manual Trans.			2200120	3
1986	4	2.2L	Auto Trans.			2200120	3
1985	4	2.2L	Exc. Fuel Injection			2200120	3
1985	4	2.2L	W/Fuel Injection			2200120	3
81-84	4	2.2L	Front, W/Air Tube			2200120	3
81-82	4	2.2L	Rear, W/Air Tube			2200120	3
1989	4	2.5L	Auto trans.			2200120	3
87-88	4	2.5L				2200120	3
1986	4	2.5L				2200120	3
PLYMOUTH SUNDANCE, DUSTER							
1994	4	2.2L				2200120	3
90-93	4	2.2L				2200120	3
1989	4	2.2L				2200120	3
87-88	4	2.2L	(Exc. Turbo)			2200120	3
1994	4	2.5L				2200120	3
89-93	4	2.5L	(Exc. Turbo)			2200120	3

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PLYMOUTH TURISMO							
83-85	4	1.6L				2200120	3
1983	4	1.6L	Rear			2200120	3
PLYMOUTH VOLARE							
1980	6	3.7L				2200120	3
1979	6	3.7L				2200120	3
79-80	8	5.2L				2200124	3
PONTIAC 6000							
86-91	4	2.5L	Conv. Only			2200120	3
82-85	4	2.5L				2200120	3
86-89	6	2.8L				2200120	3
82-85	6	2.8L				2200120	3
90-91	6	3.1L	(Exc. AWD)			2200120	3
PONTIAC ACADIAN							
81-87	4	1.6L				2200120	3
PONTIAC ASTRE							
1975	4	2.3L	w/Air Tube			2200124	3
PONTIAC BONNEVILLE							
00-05	6	3.8L	(Exc. Supercharged, Use w/OE Pipe, Includes Resonator)			2822230	3
00-03	6	3.8L	For Use with Aftermarket Pipes	2019988			3
98-99	6	3.8L	Supercharged			2822230	3
97-99	6	3.8L	Models w/4 Bolt Flange Inlet	2014890			3
95-96	6	3.8L	Code "K" Eng., front pipe & conv. 1 piece.			2822225	3, 6
93-95	6	3.8L	Supercharged			2900225	3
92-93	6	3.8L	SSE			2900224	3, 6
84-86	6	3.8L				2200124	3
1983	6	3.8L	With California Emissions (Not for use in California)			2200124	3
1983	6	3.8L	Federal Emissions			2200124	3
1986	6	4.3L				2200124	3
97-99	6	All				2822225	3
81-82	6	All				2200124	3
1980	8	4.9L				2200125	3
84-86	8	5.0L	Engine Code "H"		2010001	2200124	3
1980	8	5.7L	Code "X"			2200125	3
1980	8	5.7L	Code "R"			2200124	3
77-78	8	6.6L	400 C.I.D.			2400225	3
75-76	8	6.6L				2400225	3
75-76	8	7.5L				2400225	3
81-83	8	All				2200124	3
PONTIAC CATALINA							
1981	6	All				2200124	3
1980	8	4.7L	Code "X"			2200125	3
1980	8	4.9L				2200125	3
1980	8	5.7L	Code "R"			2200124	3

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77-78	8	6.6L	400 C.I.D.			2400225	3
75-76	8	6.6L				2400225	3
75-76	8	7.5L				2400225	3
1981	8	All				2200124	3
PONTIAC FIERO							
87-88	4	2.5L				2200120	3
87-88	6	2.8L				2200120	3
PONTIAC FIREBIRD, TRANS AM, FORMULA							
82-85	4	2.5L				2200120	3
1982	6	2.8L				2200124	3
83-89	6	2.8L			2010001	2200125	3
90-92	6	3.1L			2010001	2200125	3
93-95	6	3.4L			2010003	-	3
00-02	6	3.8L				2822225	3
1981	6	3.8L				2200124	3
1980	6	3.8L				2200124	3
83-92	6	All			2010001	2200125	3
1981	8	4.3L				2200124	3
1981	8	4.9L	Including Turbo			2200124	3
1980	8	4.9L	High Performance			2400225	3
1979	8	4.9L				2400224	3
1977	8	4.9L				2400224	3
90-92	8	5.0L	Code "E" & "F", (Exc. Dual Conv. System & 2 3/4" Ext. Pipe)		2010001	2200125	3
89-92	8	5.0L	Code "F", Dual Conv. System, Left or Right.			2900224	3, 6
89-92	8	5.0L	Code "F", Dual Conv. System, Complete			-	3
86-89	8	5.0L	Code "F" & "G", (Exc. Dual Conv. System)		2010011	2900230	3
84-85	8	5.0L	Code "F" & "G"		2010035	2200125	3
83-89	8	5.0L	Code "E" & "H", (83-87 Code H) & (88-89 Code E)		2010001	2200125	3
1983	8	5.0L	Code "7"		2010035	2200125	3
1983	8	5.0L	Code "S"		2010001	2200125	3
1982	8	5.0L	Code "7"		2010001	2200125	3
1982	8	5.0L	Code "H", Straight Conv.			2900224	3
1982	8	5.0L	Code "H", Angled Conv.			2900224	3
1981	8	5.0L	(Exc. Trans Am)			2200124	3
1980	8	5.0L	(Excl. Dual Exh.)		2010043		3
00-02	8	5.7L	Right (Passenger) Side		2010009	-	3
98-02	8	5.7L	Left (Driver) Side		2010008	2400224	3
98-99	8	5.7L	Right (Passenger) Side		2010007	2400224	3
96-97	8	5.7L	Left (Driver) Side		2010004	-	3
96-97	8	5.7L	Right (Passenger) Side		2010005	-	3
1995	8	5.7L	Federal Emissions		2010010	2500230	4
1995	8	5.7L	With California Emissions (Not for use in California)			2400225	5

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93-94	8	5.7L			2010010	2500230	3
89-92	8	5.7L	Code "8", Dual Conv. System, Left or Right.			2900224	3, 6
87-89	8	5.7L	(Exc. Dual Conv. System)		2010011	2900230	3
75-79	8	5.7L			2010043	2400224	3
78-79	8	6.6L	403 C.I.D., Dual Exhaust			2400224	3
78-79	8	6.6L	403 C.I.D., Single Exhaust			2400224	3
77-79	8	6.6L	400 C.I.D., Dual Exhaust			2400224	3
77-79	8	6.6L	400 C.I.D., Single Exhaust			2400224	3
75-77	8	6.6L	400 C.I.D.		2010043	2400224	3
75-76	8	7.5L			2010043		3
PONTIAC G5							
08-09	4	2.2L	Auto Trans.	2014284			3
08-09	4	2.2L				2821124	3
2007	4	2.2L		2014015		2820124 / 2821124	3
08-09	4	2.4L				2821124	3
2008	4	2.4L	Auto Trans.	2014284		2820124 / 2821124	1,3
2007	4	2.4L		2014015		2820124 / 2821124	3
PONTIAC G6							
05-06	6	3.5L	Rear	2014728			3
05-06	6	3.5L	Front	2054424			3
06-10	4	2.4L	Front	2071231			3
PONTIAC GRAND AM							
87-89	4	2.0L	Turbo			2200124	3
02-05	4	2.2L		2014205		2820124 / 2821120	3
93-95	4	2.3L	Quad 4, Engine Code "D"			2220120	3
99-01	4	2.4L	SE Models, 2nd Design Built After 1/99 (inlet flange 3 bolt)		2010034	2820124	3
1999	4	2.4L	SE Models, 1st Design Built up to 1/99 (4-Bolt Inlet Flange)			2820120	3
96-98	4	2.4L	Manual Trans.			2820124	3
96-98	4	2.4L	Auto Trans.			2820120	3
96-98	6	3.1L				2820120	3
94-95	6	3.1L				2220120	3
2005	6	3.4L	GT			2820120	3
99-05	6	3.4L		2014863			3
99-04	6	3.4L				2820120	3
78-79	8	5.0L	305 C.I.D., 2 bbl.			2200124	3
1980	8	All				2200125	3
1975	8	All				2400225	3
PONTIAC GRAND PRIX							
97-03	6	3.1L		2014850		2820124	3
95-96	6	3.1L	Models w/Post Conv. O2 Sensor			2820124	3
94-95	6	3.1L	Exc. Models w/Post Conv. O2 Sensor			2220120	3

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04-08	6	3.8L		2014341		2821220	1,3
97-03	6	3.8L		2014876		2820125	3
84-87	6	3.8L				2200124	3
1983	6	3.8L	Federal Emissions			2200124	4
1983	6	3.8L	With California Emissions (Not for use in California)			-	5
1981	6	3.8L				-	5
86-87	6	4.3L				2200124	3
1982	6	All				-	5
78-79	8	4.9L				-	5
84-87	8	5.0L	Engine code "H"			2200124	3
81-83	8	All				-	5
75-77	8	All	400, 403, & 455 C.I.D.			2400225	3
PONTIAC GRANDVILLE							
1975	8	6.6L				2400225	3
PONTIAC GTO							
05-06	8	6.0L	Left or Right			2821124	3
PONTIAC LE MANS							
88-89	4	1.6L	Auto Trans.			2200120	3
88-89	4	1.6L	Manual Trans.			2200120	3
1989	4	2.0L	Manual Trans.			2200120	3
1981	6	3.8L	(Exc. Canada)			2200124	3
1980	6	3.8L	(Exc. Canada)			2200125	3
1980	6	3.8L	(Exc. Canada)			2200124	3
78-83	6	All	Canada Models			2200124	3
1981	8	4.3L	(Exc. Canada)			2200124	3
1979	8	4.9L	(Exc. Canada)			2200124	3
1978	8	5.0L	2 bbl. Carb., (Exc. Canada)			2200124	3
75-77	8	6.6L	400 C.I.D., (Exc. Canada)			2400225	3
1977	8	6.6L	403 C.I.D., (Exc. Canada)			2400225	3
75-76	8	7.5L	(Exc. Canada)			2400225	3
PONTIAC PARISIENNE							
84-85	6	3.8L	(Exc. Canada)			2200124	3
1983	6	3.8L	With California Emissions, (Exc. Canada) (Not for use in California)			2200124	3
1983	6	3.8L	Federal Emissions, (Exc. Canada)			2200124	3
1986	6	4.3L	(Exc. Canada)			2200124	3
77-82	6	All	Canada Models			2200124	3
1986	8	5.0L	Code "Y", Recommended For Sound Control (Exc. Canada)			2900224	3
1986	8	5.0L	Engine Code "Y", (Exc. Station Wgn.), (Exc. Canada)			2200124	3
1986	8	5.0L	Code "Y", (Exc. Station Wgn.), Recommended For Sound Control (Exc. Canada)			2900224	3
85-86	8	5.0L	Code "H", Recommended For Sound Control (Exc. Canada)			2900224	3

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PONTIAC PHOENIX							
82-84	4	2.5L				2200120	3
83-84	6	2.8L	Engine Code "W", "X" & "Z"			2200120	3
1982	6	2.8L	(Exc. Engine Code "Z")			2200120	3
1982	6	2.8L	Engine Code "Z"			2200124	3
77-79	8	5.0L			2010043		3
77-79	8	5.7L			2010043		3
PONTIAC SAFARI STATION WAGON							
07-09	4	2.0L				2821124	3
07-09	4	2.4L				2821124	3
87-89	8	5.0L				2900224	3
PONTIAC SUNBIRD							
85-86	4	1.8L	Turbo			2200124	3
1990	4	2.0L	Turbo			2200120	3
87-89	4	2.0L	Turbo			2200124	3
87-88	4	2.0L	(Exc. Turbo)			2200120	3
PONTIAC SUNFIRE							
03-05	4	2.2L		2014205		2820120 / 2821120	3
2002	4	2.2L	Engine Code "4"			2820120	3
2002	4	2.2L	Engine Code "F"	2014205		2820120	3
99-02	4	2.2L		2014864			3
99-01	4	2.2L				2820120	3
96-98	4	2.2L		2014877			3
99-02	4	2.4L			2010034	2820120	3
96-98	4	2.4L				2820120	3
PONTIAC T1000							
81-87	4	1.6L				2200120	3
PONTIAC TEMPEST							
87-91	6	All	Canada Models			2200120	3
PONTIAC VENTURA							
1977	8	4.9L			2010043		3
1977	8	5.0L			2010043		3
75-77	8	5.7L			2010043		3
PONTIAC VIBE							
07-08	4	1.8L	(Exc. GT)			2821124	3
2009	4	2.4L				2821124	3
03-08	4	1.8L	Base FWD	2054805			3
03-04	4	1.8L	Base FWD	2054274			3
PORSCHE 911							
95-96	6	3.6L	Right or Left			2820120	3
90-94	6	3.6L				2220120	3
PORSCHE 924							
80-82	4	2.0L	Turbo			2220120	3
80-82	4	2.0L	(Exc. Turbo)			2220120	3

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77-79	4	2.0L				2220120	3
PORSCHE 928							
78-82	8	4.5L				2900224	3
83-84	8	4.7L				2900224	3
93-95	8	5.0L	Left or Right			2220120	3
90-91	8	5.0L	Left or Right			2220120	3
87-89	8	5.0L				2200124	3
85-86	8	5.0L				2200124	3
PORSCHE 944							
90-91	4	3.0L				2900224	3
SAAB 9-2X							
2005	4	2.5L		2094181			3
SAAB 900							
03-05	4	2.0L	w/ Turbo			2821124	3
91-93	4	2.0L				2220125	3
88-90	4	2.0L	w/ Turbo			2220124	3
1988	4	2.0L				2220120	3
85-87	4	2.0L	DOHC, Turbo			2220124	3
81-87	4	2.0L	SOHC			2220120	3
91-93	4	2.1L				2220125	3
02-09	4	2.3L				2821124	3
96-98	4	2.3L				2820225	3
79-80	4	All				2220120	3
94-95	6	2.5L	24 valve			2900224	3
SAAB 9000							
96-98	4	2.3L	Turbo w/DOHC, Eng. Codes "R" or "M"			2820225	3
93-95	4	2.3L	Turbo, DOHC			2900224	3
SAAB 99							
1978	4	2.0L	Turbo			2220120	3
SATURN AURA							
07-09	4	2.4L	Front	2071231			3
2007	4	3.5L	Front, Left	2054424			3
SATURN COUPE - 2 Dr.							
01-02	4	1.9L	Rear, SOHC			2820224	3
01-04	4	2.2L	Auto Trans.			2821124	3
SATURN ION							
05-07	4	2.2L	Auto Trans.	2014015		2820124 / 2821120	3
03-04	4	2.2L		2014483		2820124	3
06-07	4	2.4L	Auto Trans.	2014015		2820124 / 2821120	3
SATURN L-SERIES							
01-04	4	2.2L	Sedan & Wagon, Auto Trans.			2820120	3

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SATURN L300							
01-05	4	3.0L	Rear	2014299			3
01-05	4	3.0L	Front	2011069			3
SATURN LS2							
2000	4	3.0L	Rear	2014299			3
2000	4	3.0L	Front	2011069			3
SATURN LW2							
2000	4	3.0L	Rear	2014299			3
2000	4	3.0L	Front	2011069			3
SATURN LW300							
01-03	4	3.0L	Rear	2014299			3
01-03	4	3.0L	Front	2011069			3
SATURN SC1							
01-02	4	1.9L	Rear, SOHC	2014339			3
SATURN SC2							
01-02	4	1.9L	Rear, DOHC	2014316			3
96-98	4	1.9L	DOHC	2014854			3
SATURN SEDAN - 4 Dr.							
01-02	4	1.9L	Rear, SOHC			2820224	3
99-00	4	1.9L	DOHC, SL2			2820120	3
01-04	4	2.2L	Auto Trans.			2821124	3
SATURN SL							
01-02	4	1.9L	Rear, SOHC	2014339			3
SATURN SL1							
01-02	4	1.9L	Rear, SOHC	2014339			3
SATURN SL2							
01-02	4	1.9L	Rear, DOHC	2014316			3
96-98	4	1.9L	DOHC	2014854			3
SATURN SKY							
07-09	4	2.0L				2821124	3
07-09	4	2.4L				2821124	3
SATURN STATION WAGON							
01-04	4	2.2L	Auto Trans.			2821124	3
SATURN SW2							
2001	4	1.9L	DOHC	2014316			3
96-98	4	1.9L	DOHC	2014854			3
SCION tC							
07-08	4	2.4L				2821120	3
SCION xA							
04-06	4	1.5L		2084326		2821120	3
SCION xB							
2008	4	2.4L				2821120	3
SCION xD							
2008	4	2.4L				2821120	3
STERLING 825							
87-88	6	2.5L				2220120	3

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STERLING 827							
89-91	6	2.7L				2220120	3
SUBARU COUPE - 3 Dr.							
88-89	4	1.8L	Rear, Turbo, W/Air Tube			2200120	3
1986	4	1.8L	Rear, 2WD, (Exc. Turbo)			2200120	3
1986	4	1.8L	Rear, 4WD, W/Air Tube			2200120	3
SUBARU HATCHBACK							
83-89	4	All	Rear, W/Air Tube			2200120	3
80-82	4	All	Rear, 4WD			2200120	3
SUBARU IMPREZA							
96-97	4	1.8L	Rear			2821220	3
96-97	4	1.8L	Front	2094366			3
95-01	4	2.2L	Front	2094366			3
95-01	4	2.2L	Rear	2094367		2821220	3
1998	4	2.5L	Rear, RS Coupe	2094366/2094367		2821220	3
99-05	4	2.5L	Naturally Aspirated	2094181			3
SUBARU LEGACY							
95-99	4	2.2L	Rear	2094367		2821220	3
95-99	4	2.2L	Front	2094366			3
00-05	4	2.5L	Naturally Aspirated	2094181			3
96-02	4	2.5L	Front	2094366			3
96-02	4	2.5L	Rear	2094367		2821220	3
SUBARU OUTBACK							
00-05	4	2.5L	Naturally Aspirated	2094181			3
2000	4	2.5L		2094366			3
2000	4	2.5L	Rear	2094367			3
SUBARU SEDAN - 4 Dr.							
85-86	4	1.8L	Rear, 2WD, (Exc. Turbo)			2200120	3
83-84	4	1.8L	Rear, Turbo, 4WD			2200120	3
1983	4	All	Rear, 2WD, (Exc. Turbo)			2200120	3
SUBARU STATION WAGON							
83-84	4	1.8L	Rear, Turbo, 4WD			2200120	3
1983	4	All	Rear, 2WD, (Exc. Turbo)			2200120	3
SUBARU SVX							
1996	6	3.3L	Rear			2824220	3
1995	6	3.3L	Rear			2824220	3
92-94	6	3.3L	Front - Left			2220120	3
92-94	6	3.3L	Front - Right			2220120	3
SUZUKI AERIO							
02-03	4	2.0L	Rear			2820120	3
04-07	4	2.3L	Rear			2821120	3

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SUZUKI ESTEEM							
95-99	4	1.6L	Rear			2820120	3
99-02	4	1.8L	Rear			2820120	3
SUZUKI FORENZA							
06-08	4	2.0L				2821120	3
04-05	4	2.0L				2821120	3
04-08	4	2.0L	Front	2094804			3
SUZUKI RENO							
05-08	4	2.0L	Front	2094804			3
SUZUKI SWIFT							
98-01	4	1.3L	Rear, California Emissions			2821220	5
1993	4	1.3L	DOHC, California Emissions			2220120	5
TOYOTA AVALON							
00-04	6	3.0L	Center	2094476			3
97-99	6	3.0L	Federal Emissions, USA Built	2054835		2821220	3
96-99	6	3.0L	With California Emissions, USA Built (Not for use in California)	2054259			3
95-96	6	3.0L	Federal Emissions, USA Built; From 9/94 To 8/96	2054976		2821220	3
TOYOTA CAMRY, (Inc. 1998 & Older SOLARA)							
88-91	4	2.0L	Rear, All Trac			2220124	3
83-86	4	2.0L	(Exc. Canada)		2050001	-	3
97-01	4	2.2L	US Built, California Emissions, Rear	2054061		2820124	3
97-01	4	2.2L	Federal Emissions	2054061		2820124	3
94-96	4	2.2L	Sedan or Wagon, Rear	2054812		2821120	3
94-01	4	2.2L	Front	2051061		-	3
94-96	4	2.2L	Front, Federal/CA Emissions	2051001			3
02-06	4	2.4L	Rear, USA Built, California Emissions	2054320			3
02-09	4	2.4L	With California Emissions, US Built, Rear (Not for use in California)			2821124	5
2004	4	2.4L	Federal Emissions, Built before 9/03, US Built			2821124	4
07-09	4	2.4L	USA Built, Federal Emissions, Rear	2054320			3
02-06	4	2.4L	Front	2051120			3
02-06	6	3.0L	Auto Trans, USA Built, Rear Main	2054383		2821120	3
02-06	6	3.0L	Front	2051170			3
2000	6	3.0L	USA Built, Auto Trans., Federal Emissions; To 8/00	2054835			3
97-02	6	3.0L	Manual Trans., Federal Emissions			2822225	4
96-01	6	3.0L	Rear Main, USA Built, California Emissions, Auto Trans	2054259			3
97-00	6	3.0L	USA Built, Auto Trans., Federal Emissions; To 8/00			2820125	4
97-99	6	3.0L	USA Built, Auto Trans., Federal Emissions;	2054835			3
95-96	6	3.0L	Manual Trans., Federal Emissions; From 9/94 To 8/96			2821220	4
95-96	6	3.0L	USA Built, Auto Trans., Federal Emissions;	2054976		2821220	3
04-06	6	3.3L	Auto Trans, USA Built, Rear Main	2054383		2821120	3
TOYOTA CELICA							
90-93	4	1.6L			2050001	-	3
03-05	4	1.8L				2821120	3
00-02	4	1.8L				2820120	3

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96-97	4	1.8L			2050001	-	3
94-95	4	1.8L				2220120	3
88-90	4	2.0L	All Trac; From 10/87			2220124	3
1986	4	2.0L	(Exc. GTS)		2050001	-	3
95-99	4	2.2L	Rear		2050001	-	3
TOYOTA COROLLA							
96-97	4	1.6L			2050001	-	3
93-95	4	1.6L	Federal Emissions		2050001	-	4
90-92	4	1.6L	All Trac			2220120	3
90-92	4	1.6L	(Exc. All Trac 4WD)		2050001	-	3
1989	4	1.6L	GTS		2050001	-	3
1988	4	1.6L	Fuel Injected		2050001	-	3
87-88	4	1.6L	FX Models, w/Air Tube			2200120	3
84-87	4	1.6L	(Exc. Sport)		2050001	-	3
85-86	4	1.6L	GTS		2050001	-	3
84-85	4	1.6L	(Exc. Sport)		2050001	-	3
06-08	4	1.8L	USA Built	2054805			3
2005	4	1.8L	XRS	2054805			3
03-04	4	1.8L		2054274			3
03-05	4	1.8L	To 04/05, Exc XRS	2054805			3
98-02	4	1.8L		2054043		2820120	3
96-97	4	1.8L			2050001	-	3
93-95	4	1.8L	Federal Emissions		2050001	-	4
83-86	4	All	w/Air Tube on Right			2200120	3
83-86	4	All	w/Air Tube on Left			2200120	3
TOYOTA CRESSIDA							
85-88	6	2.8L			2050001	-	3
TOYOTA ECHO							
00-05	4	1.5L		2084326		2821120	3
TOYOTA MATRIX							
05-08	4	1.8L	Base/XR, FWD, From 04/05	2054805			3
03-05	4	1.8L	Base/XR FWD	2054274			3
03-05	4	1.8L	Base/XR, FWD, To 04/05	2054805			3
TOYOTA MR2							
85-89	4	1.6L			2050001	-	3
91-95	4	2.0L				2220120	3
91-95	4	2.2L				2220120	3
TOYOTA PASSEO							
92-95	4	1.5L			2050001	-	3
TOYOTA SOLARA							
99-01	4	2.2L	Rear	2054061		2820124	3
99-01	4	2.2L	Front	2051061		-	3
02-06	4	2.4L	Front	2051120			3

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02-08	4	2.4L	Rear, Main	2054320			3
99-03	6	3.0L	Auto Trans, Rear	2054835			3
99-02	6	3.0L	Auto Trans, USA Built, Rear Main	2054259			3
04-08	6	3.3L	Auto Trans, USA Built, Rear Main	2054383		2821120	3
TOYOTA STARLET							
83-84	4	1.3L	w/Airtube			2200120	3
81-82	4	1.3L			2050001	-	3
TOYOTA SUPRA							
79-80	6	2.6L	Rear		2050001	-	3
1980	6	2.8L	Rear		2050001	-	3
1998	6	3.0L	Naturally Aspirated	2054276			3
96-97	6	3.0L	Front			2824220	3
93-94	6	3.0L	Front, (Exc. Turbo)			2220120	3
87-93	6	3.0L	Front, Turbo; To 4/93			2220120	3
TOYOTA TERCEL							
95-97	4	1.5L	4 Speed Auto Trans.			2820120	3
91-94	4	1.5L			2050001	-	3
80-82	4	1.5L	Federal Emissions		2050001	-	4
83-88	4	All	w/Airtube			2220120	3
TRIUMPH TR7							
77-79	4	2.0L				2220120	3
80-81	4	All	w/51" Conv.			2220120	3
TRIUMPH TR8							
80-81	8	3.5L	Left or Right			2220120	3
VOLKSWAGEN BEETLE							
75-79	4	1.6L				2220120	3
99-01	4	1.8L	GLS, Turbocharged	2054369			3
02-04	4	1.8L	Turbocharged	2054369			3
03-05	4	2.0L		2084371			3
01-02	4	2.0L	AVH	2084371			3
98-01	4	2.0L	AEG Engine	2089181			3
VOLKSWAGEN CABRIOLET							
85-89	4	1.8L				2220120	3
01-02	4	2.0L	GL, GLS, GLX, ABA Engine			2820120	3
96-00	4	2.0L	ABA Engine			2820120	3
VOLKSWAGEN CORRADO							
92-94	6	2.8L				2220124	3
VOLKSWAGEN Dasher							
74-75	4	1.5L	From 8/74			2220120	3
79-80	4	All	w/11-1/2" Conv.			2220120	3
VOLKSWAGEN FOX							
87-92	4	1.8L				2220120	3
VOLKSWAGEN GOLF							
00-01	4	1.8L	GLS, Turbocharged	2054369			3

YR/YRS	CYL	LITER	DESCRIPTION	DIRECT FIT STANDARD SERIES	DIRECT FIT PROFESSIONAL SERIES	UNIVERSAL	FT
90-92	4	1.8L	8 valve, RV Eng., If 50mm O.D. Outlet Pipe Req. use 651154 Kit; From 1/90			2220120	3
88-89	4	1.8L	RV Eng., If 50 mm O.D. Outlet Pipe Required use 651154 Kit			2220120	3
87-89	4	1.8L	Golf GTI, PL Eng., 16 valve			2220124	3
03-06	4	2.0L		2084371			3
01-02	4	2.0L	AVH	2084371			3
99-01	4	2.0L	AEG Engine	2089181		2820120	3
96-98	4	2.0L	ABA engine, Manual Trans.			2820120	3
94-95	4	2.0L				2220124	3
90-92	4	2.0L	16 valve			2220120	3
1993	4	2.0L				2220120	3
96-98	6	2.8L	GTI VR6			2820124	3
VOLKSWAGEN JETTA							
00-03	4	1.8L	GLS, Turbocharged	2054369			3
90-92	4	1.8L	RV Eng., If 50 mm O.D. Outlet Pipe Required use 651154 Kit			2220120	3
90-92	4	1.8L	RV Eng. California Emissions			2220120	5
88-92	4	1.8L	PF Eng.			2220120	3
88-89	4	1.8L	RV Eng., If 50 mm O.D. Outlet Pipe Required use 651154 Kit			2220120	3
87-89	4	1.8L	Jetta GLI, 16 valve, PL Eng.			2220124	3
86-87	4	1.8L	RD Eng.			2220120	3
86-87	4	1.8L	GX Eng., If 50mm O.D. Outlet Pipe Required use 651154 Kit			2220120	3
04-05	4	1.8L	BEV	2084371			3
02-04	4	2.0L	AVH	2084371			3
2001	4	2.0L		2089181		2820120	3
99-00	4	2.0L	AEG Engine	2089181		2820120	3
96-98	4	2.0L	ABA Engine			2820120	3
1994	4	2.0L	19-1/2" Conv., If 50mm O.D. Outlet Pipe Required us 651154 Kit			2220120	3
90-93	4	2.0L				2220120	3
80-84	4	All				2220120	3
05-07	4	2.5L	BGP	2084447			3
96-97	6	2.8L				2820124	3
94-95	6	2.8L				2220124	3
VOLKSWAGEN PASSAT							
98-05	4	1.8L	Turbo	2084186			3
06-08	4	2.0L		2084929			3
1996	4	2.0L	Sedan & Wagon, ABA Engine			2820120	3
00-05	6	2.8L	Right	2084240			3
00-05	6	2.8L	Left	2084241			3
96-97	6	2.8L				2820124	3
93-95	6	2.8L				2220124	3

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PASSENGER CAR APPLICATION LISTINGS

FEDERAL CONVERTERS



YR/YRS	CYL	LITER	DESCRIPTION	DIRECT FIT STANDARD SERIES	DIRECT FIT PROFESSIONAL SERIES	UNIVERSAL	FT
VOLKSWAGEN QUANTUM							
82-88	4,5	All				2220120	3
VOLKSWAGEN RABBIT							
82-84	4	1.7L	Exc. Fuel Injection			2220120	3
82-84	4	1.7L	Fuel Injection			2220120	3
83-84	4	1.8L				2220120	3
75-81	4	All				2220120	3
2008	4	2.5L	CBTA	2084447			3
06-07	4	2.5L	BGP	2084447			3
VOLKSWAGEN SCIROCCO							
87-88	4	1.8L	16 valve, Complete; From 6/86			2220124	3
84-88	4	1.8L	(Exc. 16 Valve)			2220120	3
75-83	4	All				2220120	3
VOLVO 850							
1995	5	2.4L				2900224	3
93-94	5	2.4L	Sedan & Station Wgn., w/2 Bolt Flange			2900224	3
VOLVO 960							
1996	6	2.9L				2824220	3
VOLVO 5							
1996	6	2.9L				2824220	3
VOLVO S40/V40							
00-04	4	1.9L	Front	2081112			3
04-07	5	2.4L	S40, (Exc. Turbo)			2821124	3
VOLVO V50							
05-07	5	2.4L				2821124	3

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ACURA MDX							
03-06	6	3.5L	Front, Left	2061250			3
03-06	6	3.5L	Front, Right	2061251			3
03-06	6	3.5L	Rear	2064533			3
07-09	6	3.7L	Front, Left	2061250			3
07-09	6	3.7L	Front, Right	2061251			3
BLUE BIRD BUS CV200							
98-00	8	7.4L	Built on GMC Chassis			2600230	3
00-03	8	4.4L	Left or Right			2821120	3
00-03	8	4.6L	Right			2821120	3
BUICK ENCLAVE							
08-11	6	3.6L	Front	2014572			3
08-11	6	3.6L	Rear	2014573			3
BUICK RAINIER							
06-07	6	4.2L			2010026	2820225	3
04-05	6	4.2L			2010024	2820125	3
04-07	8	5.3L				2821124	3
BUICK RENDEZVOUS							
02-05	6	3.4L	AWD	2014246		2820124	3
06-07	6	3.5L	AWD, FWD			2821124	3
BUICK TERRAZA							
05-06	6	3.5L	FWD	2014429		2820325	3
CADILLAC ESCALADE							
02-05	8	5.3L	Dual Convs.		2010019	2820125	3
99-00	8	5.7L	W/Dual Inlet Muffler		2010023	-	3
02-06	8	6.0L	Left Side	2019267			3
02-03	8	6.0L	Left or Right			2820125	3
CADILLAC SRX							
08-09	6	3.6L	Left or Right			2821124	3
04-07	6	3.6L	Right	2014618			3
04-06	6	3.6L	Left	2014619			3
CHEVROLET ASTRO VAN							
00-05	6	4.3L	CA Emissions	2089148			3
00-01	6	4.3L	Federal Emissions			2822230	4
96-99	6	4.3L				2822230	3
94-95	6	4.3L	(Exc. AWD)			2900230	3
94-95	6	4.3L	AWD			2900230	3
92-93	6	4.3L	Code "Z" Eng., 2-1/2" Pipe		2010029	2900225	3
92-93	6	4.3L	Code "W" Eng., 3" Pipe		2010025	2900230	3
86-91	6	4.3L			2010040	2900225	3
CHEVROLET BLAZER FULL SIZE							
1994	8	5.7L	(Exc. Conv. In Y-Pipe)		2010025	2900230	3
1994	8	5.7L	Code "K" Eng., w/Conv. In Y-Pipe		2010021	2900230	3

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TRUCK, VAN, AND SUV APPLICATION LISTINGS

FEDERAL CONVERTERS



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87-93	8	5.7L			2010025	2900230	3
75-78	8	6.6L	400 C.I.D.		2010040	2400225	3
83-87	8	All	(Exc. 1987, 350 C.I.D., 5.7L)		2010040	2900225	3
CHEVROLET BLAZER S-Series							
01-05	6	4.3L	2 Dr., 4WD, Federal Emissions			2822230	4
01-05	6	4.3L	Rear, 4WD, 2 Dr., California Emissions			2822225	5
00-01	6	4.3L	AWD, Automatic, California Emissions	2019109			3
00-05	6	4.3L	4WD, Automatic, California Emissions	2019109			3
2000	6	4.3L	4WD, 2 Dr., Federal Emissions			2822225	4
2000	6	4.3L	4WD & Auto Trans. & 4 Dr., Federal Emissions			2822230	4
2000	6	4.3L	2WD, 2 Dr., Federal Emissions			2822230	4
98-99	6	4.3L	Federal Emissions			2822225	4
98-99	6	4.3L	Rear, California Emissions	2014792		2822225	3
98-99	6	4.3L	Front, California Emissions			2821220	5
96-99	6	4.3L	Federal Emissions	2014792			3
96-97	6	4.3L				2822225	3
1995	6	4.3L	4WD, 2 Dr.			2822225	3
1995	6	4.3L	4WD, 4 Dr.			2822225	3
92-94	6	4.3L	Code "Z" Eng.			2900225	3
92-94	6	4.3L	Code "W" Eng.			2900225	3
88-91	6	All				2900225	3
CHEVROLET C-(2WD), K-(4WD) PICKUP 1/2 TON, (Inc. SILVERADO & AVALANCHE)							
07-08	6	4.3L	Federal Emissions		2010020	-	4
01-06	6	4.3L			2010019	-	3
2000	6	4.3L	Dual Convs., w/o Flat Spot in Middle Pipe		2010018	2822225	3
2000	6	4.3L	Dual Convs., w/Flat Spot in Middle Pipe		2010019	2820125	3
1999	6	4.3L	Single Conv.			2822225	3
1999	6	4.3L	Dual Convs.		2010018	2822225	3
96-98	6	4.3L	Single Conv.		2010022	2822230	3
94-95	6	4.3L			2010021	2900230	3
1993	6	4.3L	27-1/2" Conv.			2900225	3
1993	6	4.3L	Closed Coupled Exhaust (Conv. welded to front pipe), (Exc. 27-1/2" Conv.)			2900225	3
88-93	6	4.3L			2010029		3
88-92	6	4.3L				2900225	3
83-87	6	All			2010040	2400225	3
09-11	8	4.8L	Front Left or Right			2820325	3
09-11	8	4.8L	Rear			2820125	3
07-08	8	4.8L	Federal Emissions		2010020	-	4
01-06	8	4.8L			2010019	-	3
2000	8	4.8L	Dual Convs., w/o Flat Spot in Middle Pipe		2010018	2822225	3
2000	8	4.8L	Dual Convs., w/Flat Spot in Middle Pipe		2010019	2820125	3
1999	8	4.8L	Dual Convs.		2010018	2822225	3
1999	8	5.0L	Dual Convs.		2010018	2822225	3
96-99	8	5.0L	Single Conv.		2010022	2822230	3

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94-95	8	5.0L			2010021	2900230	3
1993	8	5.0L	27-1/2" Conv.			2900225	3
1993	8	5.0L	(Exc. 27-1/2" Conv.)			2900225	3
88-93	8	5.0L			2010029	2900225	3
09-11	8	5.3L	Front Left or Right			2820325	3
09-11	8	5.3L	Rear			2820125	3
07-08	8	5.3L	Federal Emissions		2010020	-	4
01-06	8	5.3L			2010019	-	3
2000	8	5.3L	Dual Convs., w/o Flat Spot in Middle Pipe		2010018	2822225	3
2000	8	5.3L	Dual Convs., w/Flat Spot in Middle Pipe		2010019	2820125	3
1999	8	5.3L	Dual Convs.		2010018	2822225	3
96-99	8	5.7L	Classic Models, Dual Conv. Y-Pipe Assy., To 8500 GVW		2010023	-	3
96-98	8	5.7L	Single Conv.			2822230	3
94-95	8	5.7L			2010021	2900230	3
1993	8	5.7L	(Exc. 26-1/4" Conv.)			2900230	3
92-93	8	5.7L	26-1/4" Conv.			2900230	3
88-91	8	5.7L				2900230	3
87-93	8	5.7L			2010025	-	3
83-86	8	5.7L			2010040	2900225	3
07-08	8	6.0L	Federal Emissions		2010020	-	4
03-06	8	6.0L	SS Model, Left Side		2019267		3
92-93	8	7.4L	(Exc. 454 SS)		2010025	-	3
90-92	8	7.4L	SS Models, Left or Right			2400230	3
90-92	8	7.4L	(Exc. 454 SS)			2400230	3
75-79	8	7.4L	454 C.I.D.		2010040	2400225	3
CHEVROLET C-(2WD), K-(4WD) PICKUP 3/4 TON, (Inc. SILVERADO & AVALANCHE)							
75-84	6	4.1L	250cid		2010040	2500225	3
94-95	6	4.3L	Up To 8600 lbs GVW		2010021	2900230	3
88-93	6	4.3L	Up To 8600 lbs GVW, w/3" Piping		2010029	2900230	3
88-93	6	4.3L	Up To 8600 lbs GVW, w/2-1/2" Piping			2900225	3
85-87	6	4.3L	C2500, 2WD		2010040	2900225	3
96-99	8	5.0L			2010022	2822230	3
94-95	8	5.0L	Up To 8600 lbs GVW		2010021	2900230	3
88-93	8	5.0L	Up To 8600 lbs GVW, w/2.5" Piping		2010029	2900225	3
88-93	8	5.0L	Up To 8600 lbs GVW, w/3" Piping			2900230	3
83-87	8	5.0L			2010040	2900225	3
96-99	8	5.7L	8600 lbs GVW and Over, 131.5" W.B., Rear			2822230	3
96-99	8	5.7L	8600 lbs GVW and Over, 141.5" W.B., Rear			2822230	3
96-99	8	5.7L	Classic Models, Dual Conv. Y-Pipe Assy., To 8500 GVW		2010023	-	3
96-00	8	5.7L	8600 lbs GVW and Over, 155.5" W.B., Rear			2822230	3
96-00	8	5.7L	8600 lbs GVW and Over, Front			2822230	3
94-95	8	5.7L	Up To 8600 lbs GVW		2010021	2900230	3

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TRUCK, VAN, AND SUV APPLICATION LISTINGS FEDERAL CONVERTERS



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88-93	8	5.7L	Models w/Rear Conv. behind muffler, to 11000 lbs GVW			2600230	3
88-93	8	5.7L	Up To 11000 lbs GVW		2010030	-	3
88-93	8	5.7L	Models w/Rear Conv. behind muffler, to 8600 lbs GVW			2400230	3
88-93	8	5.7L	Up To 8600 lbs GVW		2010025	2400230	3
1987	8	5.7L	Fuel Injection		2010025	2900230	3
83-86	8	5.7L			2010040	2900225	3
01-03	8	6.0L	Left or Right, California Emissions			2400230	5
01-03	8	6.0L	Federal Emissions			2600230	4
96-00	8	7.4L	Front, Federal Emissions			2400225	4
91-95	8	7.4L	Models w/Rear Conv. behind muffler, to 11000 lbs GVW			2600230	3
91-95	8	7.4L	Up To 11000 lbs GVW		2010030	-	3
91-95	8	7.4L	Models w/Rear Conv. behind muffler, to 8600 lbs GVW			2400230	3
91-95	8	7.4L	Up To 8600 lbs GVW		2010025	2400230	3
87-89	8	7.4L	Up To 8600 lbs GVW		2010025	2400230	3
87-89	8	7.4L	Up To 11,620 lbs GVW		2010030	-	3
2001	8	8.1L	Left or Right, California Emissions			2400230	5
75-82	8	All			2010040	2500225	3
CHEVROLET C-(2WD), K-(4WD) PICKUP 1 TON							
96-00	8	5.7L	8600 lbs GVW and Over, 155.5" W.B., Rear			2822230	3
96-00	8	5.7L	8600 lbs GVW and Over, Front			2822230	3
96-00	8	5.7L	Dual Conv. Y-Pipe Assy., To 8500 GVW		2010023	-	3
96-99	8	5.7L	8600 lbs GVW and Over, 131.5" W.B., Rear			2822230	3
96-99	8	5.7L	8600 lbs GVW and Over, 141.5" W.B., Rear			2822230	3
96-97	8	5.7L	Front or Rear			2822225	3
1986	8	5.7L	Up To 9000 lbs GVW		2010029	2400225	3
01-02	8	6.0L	Left or Right, California Emissions			2400230	5
01-02	8	6.0L	Federal Emissions			2600230	4
96-00	8	7.4L	Rear, Federal Emissions			2400225	4
96-00	8	7.4L	Front, Federal Emissions			2400225	4
87-89	8	7.4L	Over 9000 lbs GVW		2010030	-	3
2001	8	8.1L	Left or Right, California Emissions			2400230	5
93-95	8	All	Models w/Rear Conv., To 9000 lbs GVW, 7.4L			2400230	3
93-95	8	All	Up To 9000 lbs GVW			2400230	3
93-95	8	All	Models w/Rear Conv. behind muffler, To 12000 lbs GVW			2600230	3
93-95	8	All	Up To 12000 lbs GVW		2010030	2600230	3
88-92	8	All	Models w/Rear Conv., To 9000 lbs GVW, 7.4L			2400230	3
88-92	8	All	Up To 9000 lbs GVW			2400230	3
88-92	8	All	Models w/Rear Conv. behind muffler, To 12000 lbs GVW			2600230	3
88-92	8	All	Up To 12000 lbs GVW			2600230	3
87-95	8	All	Up To 12000 lbs GVW		2010030	-	3
87-95	8	All	Up To 9000 lbs GVW		2010005	-	3

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CHEVROLET COLORADO							
04-06	4	2.8L	Rear	2019216		2821324	3
04-06	5	3.5L	Rear	2019216		2821324	3
CHEVROLET EL CAMINO							
1984	6	3.8L	231 C.I.D.			2200124	3
83-84	6	3.8L	229 C.I.D.		2010001	2200124	3
81-83	6	3.8L	231 C.I.D. (Exc. Turbo)			2200124	3
81-82	6	3.8L	229 C.I.D.			2200124	3
1980	6	3.8L	229 C.I.D., Angled Conv.			2200124	3
1980	6	3.8L	231 C.I.D.			2200125	3
85-87	6	4.3L				2200124	3
78-79	6	All				2200124	3
1979	8	4.4L	267 C.I.D.			2200124	3
1978	8	5.0L				2200124	3
75-76	8	6.6L				2400225	3
1975	8	7.4L				2400225	3
83-87	8	All			2010001	2200124	3
81-82	8	All				2200124	3
1980	8	All				2200125	3
CHEVROLET EQUINOX							
05-06	6	3.4L				2822225	3
05-09	6	3.4L		2014357			3
CHEVROLET EXPRESS							
03-08	6	4.3L	Left or Right			2821124	3
03-05	8	6.0L	2500, Left, Federal Emissions	2019189			3
03-05	8	4.8L	2500, Left, Federal Emissions	2019189			3
03	8	6.0L	3500, Left, Federal Emissions	2019189			3
CHEVROLET G-VAN 1/2 & 3/4 TON (Inc. Express Van)							
75-82	6	4.1L	250 C.I.D.		2010040	2900225	3
00-02	6	4.3L	Under 8500 lbs GVW			2822230	3
00-02	6	4.3L	1500, Under 8500 lbs GVW, w/2 Bolt Outlet Flange	2019019			3
00-02	6	4.3L	2500, Under 8500 lbs GVW, w/2 Bolt Outlet Flange	2019019			3
96-99	6	4.3L	To 8500 lbs GVW, w/3 Bolt Outlet Flange			2822230	3
96-99	6	4.3L	Over 8500 lbs GVW, w/3 Bolt Outlet Flange			2822230	3
1995	6	4.3L				2900230	3
85-94	6	4.3L			2010040	2900225	3
03-07	8	4.8L	2500, Left, Federal Emissions			2822230	4
03-07	8	4.8L	2500, Right Conv. 60-3/4", Federal Emissions			2822230	4
03-07	8	4.8L	2500, Right Conv. 68-1/4", Federal Emissions			2822230	4
00-02	8	5.0L	Under 8500 lbs GVW			2822230	3
00-02	8	5.0L	1500, Under 8500 lbs GVW	2019019			3
00-02	8	5.0L	2500, Under 8500 lbs GVW	2019019			3
96-99	8	5.0L	w/3 Bolt Outlet Flange			2822230	3

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TRUCK, VAN, AND SUV APPLICATION LISTINGS FEDERAL CONVERTERS



YR/YRS	CYL	LITER	DESCRIPTION	DIRECT FIT STANDARD SERIES	DIRECT FIT PROFESSIONAL SERIES	UNIVERSAL	FT
1995	8	5.0L	(Exc. 146" W.B.)			2900230	3
87-94	8	5.0L			2010040	2900225	3
2002	8	5.7L	1500, Under 8500 lbs GVW, Left or Right			2820124	3
2000	8	5.7L	2500, Under 8500 lbs GVW, Left or Right			2822230	3
97-00	8	5.7L	2500 Over 8500 lbs GVW, Left			2822230	3
97-00	8	5.7L	2500 Over 8500 lbs GVW, Right			2822230	3
96-99	8	5.7L	Dual Conv. System, Under 8500 lbs GVW, Left			2822230	3
96-99	8	5.7L	Dual Conv. System, Under 8500 lbs GVW, Right			2822230	3
96-99	8	5.7L	Single Conv. System, W/3 Bolt Outlet Flange			2822230	3
1995	8	5.7L	2500, (Exc. 146" W.B.)			2900230	3
92-94	8	5.7L	Models w/Rear Conv. behind muffler, To 9000 lbs GVW			2400230	3
92-94	8	5.7L	Models w/Rear Conv. behind muffler, Over 9000 lbs GVW			2600230	3
92-94	8	5.7L	Over 9000 lbs GVW			2600230	3
87-94	8	5.7L	To 9000 lbs GVW		2010025	2400230	3
87-94	8	5.7L	Over 9000 lbs GVW		2010030	-	3
87-91	8	5.7L	Models w/Rear Conv., To 9000 lbs GVW			2400230	3
87-91	8	5.7L	Over 9000 lbs GVW			2600230	3
87-91	8	5.7L	Models w/Rear Conv. behind muffler, Over 9000 lbs GVW			2600230	3
03-07	8	6.0L	2500, Left, Federal Emissions			2822230	4
03-07	8	6.0L	2500, Right Conv. 60-3/4", Federal Emissions			2822230	4
03-07	8	6.0L	2500, Right Conv. 68-1/4", Federal Emissions			2822230	4
79-82	8	6.6L	400 C.I.D.		2010040	2400225	3
83-86	8	All				2400225	3
CHEVROLET G-VAN 1 TON (Inc. Express Van)							
1996	6	4.3L	Code "Z" Eng.			2822230	3
1995	6	4.3L				2900230	3
91-94	6	4.3L	Up To 8500 lbs GVW		2010040	2900225	3
78-90	6	All			2010040	2400225	3
2000	8	5.7L	Under 8500 lbs GVW			2822230	3
97-00	8	5.7L	135" & 155" W.B. Over 8500 lbs GVW, Left			2822230	3
97-00	8	5.7L	135" & 155" W.B. Over 8500 lbs GVW, Right			2822230	3
1996	8	5.7L	135" & 155" W.B. Over 8500 lbs GVW, Left			2822230	3
1996	8	5.7L	135" & 155" W.B. Over 8500 lbs GVW, Right			2822230	3
1996	8	5.7L	Under 8500 lbs GVW, Left			2822230	3
1996	8	5.7L	Under 8500 lbs GVW, Right			2822230	3
1995	8	5.7L	Under 9000 lbs GVW			2400230	3
87-94	8	5.7L	Under 9000 lbs GVW		2010025	-	3
87-91	8	5.7L	Models w/Rear Conv. behind muffler, Under 9000 lbs GVW			2400230	3
87-91	8	5.7L	Under 9000 lbs GVW			2400230	3
87-91	8	5.7L	Models w/Rear Conv. behind muffler, Over 9000 lbs GVW			2600230	3
87-91	8	5.7L	Over 9000 lbs GVW			2600230	3
80-86	8	5.7L			2010040	2400225	3

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03-07	8	6.0L	Left, Federal Emissions			2822230	4
03-07	8	6.0L	Right, 60-3/4", Federal Emissions			2822230	4
03-07	8	6.0L	Right, 68-1/4", Federal Emissions			2822230	4
1995	8	7.4L	Under 9000 lbs GVW			2400230	3
92-94	8	All	Under 9000 lbs GVW			2400230	3
92-94	8	All	Over 9000 lbs GVW		2010030	2600230	3
83-86	8	All			2010040	2400225	3
78-79	8	All	w/Conv.		2010040	2400225	3
CHEVROLET HHR							
08-11	4	2.4L	Auto Trans	2014284			3
08-11	4	2.2L	Auto Trans	2014284			3
06-07	4	2.2L	Auto Trans	2014015		2820124 / 2821120	3
06-07	4	2.4L	Auto Trans	2014015		2820124 / 2821120	3
CHEVROLET LUMINA APV							
93-95	6	3.1L				2900224	3
90-92	6	3.1L				2900224	3
1996	6	3.4L				2822225	3
93-95	6	3.8L				2900224	3
CHEVROLET R-(2WD), V-(4WD) PICKUP							
1987	6	4.3L			2010040	2900225	3
1987	8	5.0L				2900225	3
87-89	8	5.7L	Under 9000 lbs GVW		2010025	2900230	3
87-89	8	All	Over 9000 lbs or w/7.4L			2600230	3
CHEVROLET S-Series (2WD), T-Series (4WD) PICKUP							
96-03	4	2.2L			2010016	2820225	3
2000	6	4.3L	2WD			2822225	3
01-04	6	4.3L	4WD, Crew Cab Pickup	2019109			3
01-03	6	4.3L	4WD, Extended Cab Pickup, California Emissions	2019110			3
1999	6	4.3L	2WD, Extra Cab, California Emissions			2821120	3
98-99	6	4.3L	4WD		2010017	-	3
98-99	6	4.3L	2WD, w/ 31 1/2" OAL Conv.		2010027	2822225	3
96-99	6	4.3L	4WD			2822230	3
96-97	6	4.3L	2WD			2822225	3
1995	6	4.3L	2WD			2822225	3
1995	6	4.3L	4WD & Extended Cab			2822225	3
CHEVROLET SSR							
03-04	8	5.3L	Left or Right			2821124	3
05-06	8	6.0L	Left or Right			2821124	3
CHEVROLET SUBURBAN/TAHOE							
2009	8	4.8L	Front Left or Right			2820325	3
2009	8	4.8L	Rear			2820125	3
07-08	8	4.8L	Federal Emissions, 1500 Series (1/2 Ton)		2010020	-	4

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TRUCK, VAN, AND SUV APPLICATION LISTINGS

FEDERAL CONVERTERS



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00-05	8	4.8L	Left or Right, Federal Emissions			2820125	4
00-05	8	4.8L	Complete		2010019	-	3
94-95	8	5.0L	Up To 8600 lbs GVW		2010021	2900230	3
88-93	8	5.0L			2010029	-	3
83-87	8	5.0L			2010040	2900225	3
09-11	8	5.3L	Front Left or Right			2820325	3
09-11	8	5.3L	Rear			2820125	3
07-08	8	5.3L	Federal Emissions, 1500 Series (1/2 Ton)		2010020	-	4
00-05	8	5.3L	Left or Right, Federal Emissions			2820125	4
00-05	8	5.3L	Complete		2010019	-	3
96-99	8	5.7L	3/4 Ton Models, Rear, to 9200 lbs GVW			2822225	3
96-99	8	5.7L	3/4 Ton Models, Front, to 9200 lbs GVW			2822225	3
96-99	8	5.7L	Dual Conv. Y-Pipe Assy., To 8500 GVW, (Exc 2 Dr.)		2010023	-	3
94-95	8	5.7L	Up To 8600 lbs GVW		2010021	2900230	3
88-93	8	5.7L	Up To 11,000 lbs GVW		2010030	2600230	3
88-93	8	5.7L	Up To 8600 lbs GVW		2010025	2400230	3
1987	8	5.7L	Fuel Injection		2010025	2900230	3
83-86	8	5.7L			2010040	2900225	3
96-99	8	7.4L	3/4 Ton Models, Rear			2400225	3
96-99	8	7.4L	3/4 Ton Models, Front			2400225	3
91-95	8	7.4L	Up To 11,000 lbs GVW		2010030	2600230	3
91-95	8	7.4L	Up To 8600 lbs GVW		2010025	2400230	3
87-89	8	7.4L	Up To 11,620 lbs GVW		2010030	2600230	3
87-89	8	7.4L	Up To 8600 lbs GVW		2010025	2400230	3
75-82	8	All			2010040	2500225	3
CHEVROLET TRACKER							
98-02	4	1.6L		2014174			3
99-03	4	2.0L		2014174			3
99-00	4	2.0L	Rear	2014174			3
CHEVROLET TRAILBLAZER							
06-07	6	4.2L	(113" Wheelbase)		2010026	2820225	3
06-07	6	4.2L	EXT Model (129" Wheelbase)			2820225	3
04-05	6	4.2L				2822225	3
02-05	6	4.2L	EXT Model	2019998			3
02-05	6	4.2L	(113" Wheelbase)		2010024	2820125	3
02-03	6	4.2L	EXT Model (129" Wheelbase)			2820125	3
CHEVROLET TRAVERSE							
09-11	6	3.6L	Front	2014572			3
09-11	6	3.6L	Rear	2014573			3
CHEVROLET UPLANDER							
05-06	6	3.5L	FWD	2014429		2820325	3
CHEVROLET VENTURE							
02-05	6	3.4L	2WD			2822225	1,3
2001	6	3.4L				2822225	3
97-00	6	3.4L				2820124	3

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CHRYSLER PACIFICA							
04-06	6	3.5L		2034298		2820125	3
05-06	6	3.8L				2821124	3
CHRYSLER PT CRUISER							
01-10	4	2.4L	Includes Turbo			2820124	1,3
01-10	4	2.4L		2034292		2820124	3
CHRYSLER TOWN & COUNTRY							
08-10	6	3.3L		2034441			3
05-07	6	3.3L	With Stow and Go Option	2034213		2820125	3
05-07	6	3.3L	Without Stow and Go Option			2820125	3
01-07	6	3.3L		2034277			3
01-04	6	3.3L				2820125	3
96-00	6	3.3L		2014967			3
92-93	6	3.3L	AWD			2900225	3
92-93	6	3.3L	(Exc. AWD)			2900224	3
08-10	6	3.8L		2034441			3
05-07	6	3.8L		2034213		2820125	3
01-04	6	3.8L		2034269		2820125	3
96-00	6	3.8L		2014967			3
94-95	6	3.8L	(Exc. AWD)			2900224	3
94-95	6	3.8L	AWD			2900225	3
CHRYSLER VOYAGER, GRAND VOYAGER							
01-03	4	2.4L	Federal/CA Emissions	2039301			3
2000	4	2.4L		2014967			3
01-03	6	3.3L		2034277		2820125	3
2000	6	3.3L		2014967			3
DODGE B-VAN							
1999	6	3.9L	Ram 2500 Van, w/48-34" conv., Federal & California Emissions	2039018			3
1998	6	3.9L	1500, 48-34" conv., Federal & California Emissions	2039018			3
95-97	6	3.9L				2824220	3
93-94	6	3.9L	From 7/93			2900224	3
92-93	6	3.9L	To 7/93			2900225	3
88-91	6	3.9L				2900225	3
00-02	6	All				2822225	3
99-03	6	3.9L	Ram 1500 Van, w/48-34" conv., Federal & California Emissions	2039018			3
1998	8	5.2L	1500/2500/3500, w/48-34" conv., Federal & California Emissions	2039018			3
95-97	8	5.2L				2824220	3
80-86	8	5.2L	Rear			2900225	3
80-86	8	5.2L	Main & Pre-Cat			2900225	3
1998	8	5.9L	1500/2500/3500, w/48-34" conv., Federal & California Emissions	2039018			3

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95-97	8	5.9L	Under 8600 lbs GVW, w/53-1/4" Conv.			2824220	3
80-86	8	5.9L	Rear			2900225	3
80-86	8	5.9L	Main & Pre-Cat			2900225	3
00-02	8	All				2822225	3
99-03	8	All	Ram 1500/2500/3500 Van, w/48-34" conv., Federal & California Emissions	2039018			3
93-94	8	All	From 7/93			2900224	3
92-93	8	All	w/o Pre-Cat			2900224	3
87-91	8	All				2500225	3
80-81	8	All	w/o Pre-Cat			2900224	3
75-79	8	All				2500225	3
DODGE CARAVAN / GRAND CARAVAN							
92-95	6	3.0L				2900224	3
08-10	6	3.3L	Grand Caravan	2034441			3
06-07	6	3.3L	Grand Caravan	2034213		2820125	3
05-07	6	3.3L	Caravan			2820125	3
2005	6	3.3L	Grand Caravan without Stow and Go Option	2034277		2820125	3
2005	6	3.3L	Grand Caravan with Stow and Go Option	2034213		2820125	S
01-07	6	3.3L	Caravan	2034277			3
01-04	6	3.3L				2820125	3
01-04	6	3.3L	Grand Caravan	2034277			3
96-00	6	3.3L		2014967			3
94-95	6	3.3L	(Exc. AWD or Flexible Fuel)			2900224	3
1994	6	3.3L	AWD			2900225	3
91-93	6	3.3L	AWD			2900225	3
08-10	6	3.8L	Grand Caravan	2034441			3
05-07	6	3.8L		2034213		2820125	3
01-04	6	3.8L		2034269		2820125	3
96-00	6	3.8L	Grand Caravan	2014967			3
96-99	6	3.8L	Caravan	2014967			3
94-95	6	3.8L	(Exc. AWD or Flexible Fuel)			2900224	3
94-95	6	3.8L	AWD			2900225	3
01-07	4	2.4L	Federal/CA Emissions	2039301			3
96-00	4	2.4L		2014967			3
96-97	4	2.4L		2014967			3
94-95	4	2.4L				2821124	3
DODGE D-(2WD) & W-(4WD) PICKUP 1/2 & 3/4 TON							
84-87	6	3.7L	Rear, 2WD Under 8500 lbs GVW, Federal Emissions			2900224	4
79-83	6	3.7L	Rear			2900224	3
92-93	6	3.9L	From 2/92 To 7/93			2900225	3
88-92	6	3.9L	To 2/92			2900224	3
92-93	8	5.2L	Under 8800 lbs GVW; From 2/92 To 7/93			2500225	3
86-90	8	5.2L	4WD			2900225	3
92-93	8	5.9L	Under 8800 lbs GVW; From 2/92 To 7/93			2500225	3
82-87	8	5.9L	4WD			2900225	3

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75-78	8	All				2500225	3
DODGE DAKOTA							
06-08	6	3.7L		2039163			3
00-03	6	3.9L	Rear, 4WD, California Emissions			2820225	5
00-03	6	3.9L	Rear, 2WD, California Emissions			2820125	5
00-03	6	3.9L	2WD, Federal Emissions			2820125	4
00-03	6	3.9L	4WD			2822225	3
00-03	6	3.9L	RWD, California Emissions	2039196			3
00-03	6	3.9L	4WD, California Emissions	2039226			3
97-99	6	3.9L	2WD, 59" Conv.			2822225	3
97-99	6	3.9L	4WD, 124" & 131" W.B.		2030010	2822225	3
1996	6	3.9L	2WD, 131" W.B.			2822225	3
94-95	6	3.9L	2WD, 131" W.B.			2200125	3
92-93	6	3.9L	2WD			2900225	3
92-93	6	3.9L	4WD			2900225	3
90-91	6	3.9L	2WD			2900225	3
87-89	6	3.9L	2WD, Rear			2200120	3
87-89	6	3.9L	4WD, Rear			2200120	3
2005	8	4.7L	131.5" WB, Left or Right			2821124	3
2005	8	4.7L		2039163			3
01-03	8	4.7L	4WD, 131.0 W.B., California Emissions	2039175			3
01-03	8	4.7L	Rear Universal, 4WD, 131.5" W.B., California Emissions			2820125	5
01-03	8	4.7L	4WD, 131.5" W.B., Federal Emissions			2820125	4
00-03	8	4.7L	2WD, Rear Conv., California Emissions			2820125	5
00-03	8	4.7L	2WD, Federal Emissions			2820125	4
97-99	8	5.2L	2WD & 4WD 112" W.B.			2822225	3
97-99	8	5.2L	2WD, 124" & 131" W.B.			2822225	3
97-99	8	5.2L	4WD, 124" & 131" W.B.		2030010	2822225	3
1996	8	5.2L	2WD, 131" W.B.			2822225	3
1996	8	5.2L	(Exc. 2WD, 131" W.B.)			2822225	3
94-95	8	5.2L	(Exc. 2WD, 131" W.B.)			2900224	3
94-95	8	5.2L	2WD, 131" W.B.			2200125	3
92-93	8	5.2L	4WD			2900230	3
92-93	8	5.2L	2WD			2900225	3
1991	8	5.2L				2900224	3
98-99	8	5.9L	4WD, 124" & 131" W.B.			2822225	3
98-99	8	5.9L	2WD			2822225	3
DODGE DURANGO							
1999	6	3.9L	2WD			2822225	3
98-99	6	3.9L	4WD			2822225	3
00-03	8	4.7L	4WD, Federal Emissions			2820125	4
98-99	8	5.2L	4WD			2822225	3

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01-03	8	5.9L	4WD, Federal Emissions			2820125	4
2000	8	5.9L	4WD			2820125	3
98-99	8	5.9L	4WD			2822225	3
DODGE RAM (2WD & 4WD) PICKUP 1/2 & 3/4 TON							
02-03	6	3.7L	2WD, 4 Dr., Will replace 1st or 2nd Design OEM System			2824220	3
96-99	6	3.9L			2030004	2824220	3
94-95	6	3.9L			2030004	2904220	3
00-01	6	All				2824220	3
04-05	8	3.7L	Left, 1500			2820124	3
04-05	8	3.7L	Right, 1500			2820124	3
04-05	8	4.7L	Left, 1500			2820124	3
04-05	8	4.7L	Right, 1500			2820124	3
02-03	8	4.7L	1500, 4WD, Federal Emissions		2030006	2824220	4
02-03	8	4.7L	2WD, 4 Dr., Will replace 1st or 2nd Design OEM System, Exc. ULEV			2824220	3
00-01	8	5.2L	1500, Engine Code "Z"		2030005	2824220	3
96-99	8	5.2L			2030004	2824220	3
94-95	8	5.2L			2030004	2904220	3
2005	8	5.7L	Left, 1500, 140.5" W.B.			2820125	3
2005	8	5.7L	Right, 1500, 140.5" W.B.			2820125	3
2003	8	5.7L	1500, 2WD, 160" W.B.			2824220	3
02-03	8	5.9L	1500, 4WD, Federal Emissions		2030007	2824220	4
02-03	8	5.9L	2WD, 4 Dr., Will replace 1st or 2nd Design OEM System, Exc. ULEV			2824220	3
00-01	8	5.9L			2030005	2824220	3
96-99	8	5.9L			2030004	2824220	3
94-95	8	5.9L			2030004	2904220	3
DODGE RAM (2WD & 4WD) PICKUP 1 TON							
00-01	8	5.9L			2030005	2824220	3
94-00	8	5.9L	Engine Code "Z"		2030004	2824220	3
96-99	8	5.9L				2824220	3
DODGE RAMCHARGER							
1980	6	3.7L	Rear			2900224	3
75-80	8	5.2L				2900225	3
75-80	8	5.9L				2900225	3
1976	8	6.6L				2400225	3
92-93	8	All				2900224	3
90-91	8	All	4WD			2900225	3
89-91	8	All	2WD			2900225	3
80-88	8	All	2WD, Rear			2900225	3
80-88	8	All	4WD, Rear			2900225	3
DODGE RAMPAGE							
1984	4	2.2L				2200120	3
82-83	4	2.2L				2200120	3

YR/YRS	CYL	LITER	DESCRIPTION	DIRECT FIT STANDARD SERIES	DIRECT FIT PROFESSIONAL SERIES	UNIVERSAL	FT
FORD AEROSTAR							
86-87	4	2.3L	Rear			2200120	3
1986	6	2.8L	Rear			2200120	3
96-97	6	3.0L	Rear			2822225	3
96-97	6	3.0L	Front			2822225	3
90-97	6	4.0L	2WD & AWD, Rear			2900224	3
90-97	6	4.0L	2WD & AWD, Front			2900224	3
FORD BRONCO							
91-92	6	4.9L	2 to 1 Conv. Replacement			2900224	3
91-92	6	4.9L	Rear			2900224	3
91-92	6	4.9L	Front, Dual Inlet			2904220	3
87-90	6	4.9L	2 to 1 Conv. Replacement			2900224	3
87-90	6	4.9L	Rear			2900224	3
87-90	6	4.9L	Front, Dual Inlet			2904220	3
84-86	6	4.9L	2 to 1 Conv. Replacement			2900224	3
84-86	6	4.9L	Rear			2900224	3
84-86	6	4.9L	Front			2900224	3
80-83	6	4.9L				2200124	3
91-95	8	5.0L	Front, Dual Inlet			2904220	3
91-95	8	5.0L	Rear			2900225	3
91-95	8	5.0L	2 to 1 Conv. Replacement			2900225	3
85-90	8	5.0L	Front, Dual Inlet			2904220	3
85-90	8	5.0L	Rear			2900225	3
85-90	8	5.0L	2 to 1 Conv. Replacement			2900225	3
1984	8	5.0L	Front, Dual Inlet			2904220	3
1984	8	5.0L	Rear			2900225	3
1984	8	5.0L	2 to 1 Conv. Replacement			2900225	3
91-95	8	5.8L	Rear			2500225	3
91-95	8	5.8L	2 to 1 Conv. Replacement			2900225	3
88-90	8	5.8L	Front, Dual Inlet			2904220	3
88-90	8	5.8L	Rear			2900225	3
88-90	8	5.8L	2 to 1 Conv. Replacement			2900225	3
85-87	8	5.8L	Front, Dual Inlet, 4 bbl.			2904220	3
85-87	8	5.8L	Rear, 4 bbl.			2900225	3
85-87	8	5.8L	4 bbl., 2 to 1 Conv. Replacement			2900225	3
84-85	8	5.8L	Front, Dual Inlet, 2 bbl.			2904220	3
84-85	8	5.8L	Rear, 2 bbl.			2900225	3
84-85	8	5.8L	2 bbl., 2 to 1 Conv. Replacement			2900225	3
80-83	8	All				2200124	3
78-79	8	All				2400225	3
FORD BRONCO II							
84-85	6	2.8L				2200124	3
1990	6	2.9L	Front & Rear.			2900224	3, 7

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TRUCK, VAN, AND SUV APPLICATION LISTINGS

FEDERAL CONVERTERS



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86-87	6	2.9L	Front & Rear			2900224	3
86-87	6	2.9L	Rear			2900224	3
88-89	6	2.9L	Front & Rear Conv.			2900224	3, 7
FORD E-100 VAN							
79-83	6	4.9L				2200124	3
1978	8	5.8L				2200124	3
75-76	8	5.8L				2200124	3
79-83	8	All				2200125	3
FORD E-150 VAN 1/2 TON							
97-03	6	4.2L	Front Left or Right			2821220	3
2008	8	4.6L	Complete Y Assembly w/4 Converters; Federal & California Emissions	2029264			3
2007	8	4.6L	Complete Y Assembly w/4 Converters; 10/16/06; Federal & California Emissions	2029264			3
97-03	8	4.6L	Rear Left or Right			2822225	3
97-03	8	4.6L	Front Left or Right			2821220	3
1996	6	4.9L	Front			2824220	3
90-95	6	4.9L	Front, Dual Inlet			2904220	3
90-95	6	4.9L	Rear			2900225	3
90-95	6	4.9L	2 to 1 Conv. Replacement			2900225	3
87-89	6	4.9L	Under 8500 lbs GVW, Front, Dual Inlet			2904220	3
87-89	6	4.9L	Under 8500 lbs GVW, Rear			2900225	3
87-89	6	4.9L	Under 8500 lbs GVW, 2 to 1 Conv. Replacement			2900225	3
84-86	6	4.9L	2 to 1 Conv. Replacement			2900224	3
84-86	6	4.9L	Rear			2200124	3
79-83	6	4.9L				2200124	3
1996	8	5.0L	Rear			2822225	3
1996	8	5.0L	Front			2824220	3
92-95	8	5.0L	Front, Dual Inlet			2904220	3
92-95	8	5.0L	Rear			2900225	3
86-91	8	5.0L	2 to 1 Conv. Replacement			2900224	3
86-91	8	5.0L	Rear			2900224	3
86-91	8	5.0L	Front, Dual Inlet			2904220	3
84-85	8	5.0L	w/Carb., Front Conv., Dual Inlet			2904220	3
84-85	8	5.0L	w/Carb., Rear			2900225	3
84-85	8	5.0L	w/Carb., 2 to 1 Conv. Replacement			2900225	3
05-08	8	5.4L	Federal & California Emissions	2029263			3
2005	8	5.4L	Club Wagon, Federal & California Emissions	2029263			3
02-04	8	5.4L	Under 8600 lbs GVW, California Emissions, Rear			2600230	5
88-95	8	5.8L	Front			2904220	3
88-95	8	5.8L	Rear			2900225	3
88-95	8	5.8L	2 to 1 Conv. Replacement			2900225	3
84-87	8	5.8L	Light Duty, Dual Inlet, 4 bbl. Carb., Front			2904220	3
84-87	8	5.8L	Light Duty, 4 bbl., Carb., Rear			2900225	3
84-87	8	5.8L	Light Duty, 4 bbl., Carb., 2 to 1 Conv. Replacement			2900225	3
1978	8	5.8L				2200124	3

YR/YRS	CYL	LITER	DESCRIPTION	DIRECT FIT STANDARD SERIES	DIRECT FIT PROFESSIONAL SERIES	UNIVERSAL	FT
75-76	8	5.8L				2200124	3
79-83	8	All				2200125	3
FORD E-250 VAN 3/4 TON							
97-03	6	4.2L	Front, Left or Right			2821220	3
2008	8	4.6L	Complete Y Assembly w/4 Converters; Federal & California Emissions	2029264			3
2007	8	4.6L	Complete Y Assembly w/4 Converters; 10/16/06; Federal & California Emissions	2029264			3
2003	8	4.6L	Under 8500 lbs GVW, Rear Left or Right			2822225	3
2003	8	4.6L	Under 8500 lbs GVW, Front Left or Right			2821220	3
1997	8	4.6L	Under 8500 lbs GVW, Rear Left or Right			2822225	3
1997	8	4.6L	Under 8500 lbs GVW, Front Left or Right			2821220	3
1996	6	4.9L	Front			2822225	3
90-95	6	4.9L	Front, Dual Inlet			2904220	3
90-95	6	4.9L	Rear			2900225	3
90-95	6	4.9L	2 to 1 Conv. Replacement			2900225	3
87-89	6	4.9L	Under 8500 lbs GVW, Front, Dual Inlet			2904220	3
87-89	6	4.9L	Under 8500 lbs GVW, Rear			2900225	3
87-89	6	4.9L	Under 8500 lbs GVW, 2 to 1 Conv. Replacement			2900225	3
84-86	6	4.9L	2 to 1 Conv. Replacement			2900224	3
84-86	6	4.9L	Rear			2200124	3
79-83	6	4.9L				2200124	3
86-91	8	5.0L	EFI, Front, Dual Inlet			2904220	3
86-91	8	5.0L	EFI, Rear			2900225	3
86-91	8	5.0L	EFI, 2 to 1 Conv. Replacement			2900225	3
84-85	8	5.0L	w/Carb., Front Conv., Dual Inlet			2904220	3
84-85	8	5.0L	w/Carb., Rear			2900225	3
84-85	8	5.0L	w/Carb., 2 to 1 Conv. Replacement			2900225	3
05-09	8	5.4L	Federal & California Emissions	2029263			3
2005	8	5.4L	Super Duty, Federal & California Emissions	2029263			3
02-04	8	5.4L	Under 8600 lbs GVW, California Emissions, Rear			2600230	5
97-04	8	5.4L	Under 8600 lbs GVW, California Emissions, Front Left or Right			2821124	3
97-03	8	5.4L	Under 8500 lbs GVW, Rear Left or Right			2822225	3
97-03	8	5.4L	Under 8500 lbs GVW, Front Left or Right			2821220	3
97-99	8	5.4L	Over 8500 lbs GVW, Single Conv. System, w/o O2 Sensor			2600230	3
88-95	8	5.8L	Under 8500 lbs GVW, Front, Dual Inlet			2904220	3
88-95	8	5.8L	Under 8500 lbs GVW, Rear			2900225	3
88-95	8	5.8L	2 to 1 Conv. Replacement, Under 8500 lbs GVW			2900225	3
84-87	8	5.8L	4 bbl. Carb., Front, Dual Inlet			2904220	3
84-87	8	5.8L	4 bbl. Carb., Rear			2900225	3
84-87	8	5.8L	4 bbl. Carb., 2 to 1 Conv. Replacement			2900225	3
80-81	8	6.6L				2400225	3

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TRUCK, VAN, AND SUV APPLICATION LISTINGS

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79-83	8	All	(Exc. 400 C.I.D.)			2200125	3
FORD E-350 VAN 1 TON							
1996	6	4.9L	Under 8600 lbs GVW, Front			2824220	3
90-95	6	4.9L	Up to 8600 lbs GVW, Front, Dual Inlet			2904220	3
90-95	6	4.9L	Up to 8600 lbs GVW, Rear			2900225	3
90-95	6	4.9L	2 to 1 Conv. Replacement, Up to 8600 lbs GVW			2900225	3
87-89	6	4.9L	Front, Dual Inlet			2904220	3
87-89	6	4.9L	Rear			2900225	3
87-89	6	4.9L	2 to 1 Conv. Replacement			2900225	3
84-86	6	4.9L	2 to 1 Conv. Replacement			2900224	3
84-86	6	4.9L	Rear			2900224	3
84-86	6	4.9L	Front			2900224	3
1983	6	4.9L				2900224	3
05-09	8	5.4L	Federal & California Emissions	2029263			3
05-06	8	5.4L	Right			2029352	3
2005	8	5.4L	Federal & California Emissions	2029263			3
02-04	8	5.4L	Under 8600 lbs GVW, California Emissions, Rear			2600230	5
97-04	8	5.4L	Under 8600 lbs GVW, California Emissions, Front Left or Right			2821124	3
1987	8	5.8L	4 bbl. Carb., Front, Dual Inlet			2904220	3
1987	8	5.8L	4 bbl. Carb., Rear			2900225	3
1987	8	5.8L	4 bbl. Carb., 2 to 1 Conv. Replacement			2900225	3
97-00	10	6.8L	Over 8500 lbs GVW, w/Curved Outlet Pipe & O2 Sensor, California Emissions			2600230	5
97-00	10	6.8L	Over 8500 lbs GVW, w/Curved Outlet Pipe, Federal Emissions			2600230	4
97-98	10	6.8L	Over 8500 lbs GVW, w/Straight Outlet Pipe, w/o O2 Sensor			2600230	3
FORD E-450 VAN							
06-07	10	6.8L	From 10/16/06			2600230	3
FORD ESCAPE							
01-04	6	3.0L	Rear, Main	2029008			3
05-06	6	3.0L	Rear, Main	2029408			3
01-08	6	3.0L	Left Side	2021252			3
01-07	6	3.0L	Right Side	2021249			3
05-08	6	2.3L	Rear, Main	2029408			3
FORD EXCURSION							
00-02	8	5.4L	Up to 12,000 lbs GVW w/o Rear O2 Sensor, Federal Emissions			2600230	4
00-02	10	6.8L	Up to 12,000 lbs GVW w/o Rear O2 Sensor, Federal Emissions			2600230	4
FORD EXPEDITION							
03-04	8	4.6L	Left	2029191			3
03-04	8	4.6L	Rear, Left or Right			2822225	3
03-04	8	4.6L	Front, Left or Right			2821220	3
01-02	8	4.6L	Rear, Left or Right			2822225	3
01-02	8	4.6L	Front, Left or Right			2820325	3

YR/YRS	CYL	LITER	DESCRIPTION	DIRECT FIT STANDARD SERIES	DIRECT FIT PROFESSIONAL SERIES	UNIVERSAL	FT
99-00	8	4.6L	4WD, Right (Passenger) Side		2020013	-	3
99-00	8	4.6L	4WD, Left (Driver) Side		2020014	-	3
97-00	8	4.6L	Rear, Left or Right, 2WD			2822225	3
97-00	8	4.6L	Front, Left or Right, 2WD			2820325	3
97-98	8	4.6L	Front, Left or Right, 4WD			2821220	3
07-14	8	5.4L	Right	2029985			3
05-07	8	5.4L	Rear, Left or Right			2822225	3
05-07	8	5.4L	Front, Left or Right			2820325	3
03-04	8	5.4L	Rear, Left or Right			2820125	3
03-04	8	5.4L	Right, Federal & California Emissions	2029248			3
03-04	8	5.4L	Left, Federal & California Emissions	2029249			3
01-02	8	5.4L	Rear, Left or Right, 2WD			2822225	3
01-02	8	5.4L	Front, Left or Right, 2WD			2820325	3
01-02	8	5.4L	Rear, Left or Right, 4WD			2820225	3
01-02	8	5.4L	Front, Left or Right, 4WD			2821220	3
97-98	8	5.4L	4WD, Right (Passenger) Side		2020017	-	3
97-98	8	5.4L	4WD, Left (Driver) Side		2020018	-	3
97-00	8	5.4L	Rear, Left or Right, 2WD			2822225	3
97-00	8	5.4L	Front, Left or Right, 2WD			2820325	3
97-00	8	5.4L	Front, Left or Right, 4WD			2821224	3
FORD EXPLORER							
06-07	6	4.0L	Left or Right			2821124	3
02-05	6	4.0L	Code E Eng., Rear			2822225	3
02-05	6	4.0L	Code E Eng., Front			2820120	3
04-05	6	4.0L	Code E	2029112			3
2004	6	4.0L	To 3/1/04	2029112			3
03-04	6	4.0L	Code K Eng., Rear; To 3/1/04			2822225	3
03-04	6	4.0L	Code K Eng., Rear; To 3/1/04			2820120	3
01-02	6	4.0L	Sport, Front	2021044			3
01-02	6	4.0L	Sport, Rear	2029244			3
01-02	6	4.0L	Sport Models, Code E Eng., 1st or 2nd Rear Conv.			2822225	3
01-02	6	4.0L	Sport Trac, Code E Eng., 1st or 2nd Rear Conv.			2822225	3
01-02	6	4.0L	Sport Trac, conv w/Y pipe, Front	2021044			3
02-03	6	4.0L	Code E or K	2029112			3
01-02	6	4.0L	Sport Trac, Rear	2029244			3
98-01	6	4.0L	Code "E", w/Single Inlet Pipe Muffler, Not front	2021044			3
98-01	6	4.0L	w/Single Inlet Pipe Muffler, Rear	2029244			3
97-01	6	4.0L	Code E or K, w/Dual Inlet Muffler, (Excl. Sport Trac), Right (Passenger) Side		2020049	2820124	3
97-01	6	4.0L	Code E or K, w/Dual Inlet Muffler, (Excl. Sport Trac), Left (Driver) Side		2020050	2820224	3
99-00	6	4.0L	Code "X" Eng., Front			2822225	3
99-00	6	4.0L	Code "X" Eng., Rear			2822225	3

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96-98	6	4.0L	Code "X" Front			2822225	3
96-98	6	4.0L	Code "X" Rear			2822225	3
1995	6	4.0L	Front			2900225	3
1995	6	4.0L	Rear			2900225	3
91-94	6	4.0L	2 to 1 Conv. Replacement.			2900224	3, 7
06-10	8	4.6L		2024582			3
07-10	8	4.6L	Explorer Sport Trac	2024582			3
02-05	8	4.6L	Federal & California Emissions	2029173			3
02-05	8	4.6L	Front, Left or Right			2820120	3
02-05	8	4.6L	Rear			2822225	3
FORD F-100 PICKUP 1/2 TON							
80-83	6	All				2200124	3
81-82	8	4.2L				2200124	3
81-82	8	4.2L	With California Emissions (Not for use in California)			2200124	5
80-83	8	5.0L	Federal Emissions			2200124	4
80-83	8	5.0L	With California Emissions (Not for use in California)			2200124	5
1981	8	5.8L				2200124	3
FORD F-150 PICKUP 1/2 TON							
2004	6	4.2L	(Heritage), RWD, Right	2029422			3
2004	6	4.2L	(Heritage), RWD, Left	2029423			3
00-03	6	4.2L	Rear Left or Right			2822225	3
00-03	6	4.2L	Front Left or Right			2821220	3
00-03	6	4.2L	Federal and California Emissions, Right	2029422			3
00-06	6	4.2L	Federal and California Emissions, Left	2029423			3
1999	6	4.2L	4WD, Rear Left or Right			2822225	3
1999	6	4.2L	4WD, Front Left or Right			2821220	3
97-99	6	4.2L	RWD, w/2 converters, Right	2029422			3
97-99	6	4.2L	RWD, w/2 converters, Left	2029423			3
97-99	6	4.2L	Rear, 2WD, Left or Right			2822225	3
97-99	6	4.2L	Front, 2WD, Left or Right			2820325	3
97-98	6	4.2L	4WD, Rear Left or Right			2822225	3
97-98	6	4.2L	4WD, Front Left or Right			2821220	3
01-03	8	4.6L	4WD, Rear, Left			2822225	3
01-03	8	4.6L	4WD, Front, Left			2821220	3
01-03	8	4.6L	4WD, Rear, Right			2822225	3
01-03	8	4.6L	4WD, Front, Right			2821220	3
01-03	8	4.6L	2WD, Rear, Left			2822225	3
01-03	8	4.6L	2WD, Front, Left			2821220	3
01-03	8	4.6L	2WD, Rear, Right			2822225	3
01-03	8	4.6L	2WD, Front, Right			2821220	3
99-00	8	4.6L	4WD, Rear Left or Right			2822225	3
99-00	8	4.6L	4WD, Front Left or Right			2820325	3
99-00	8	4.6L	2WD, Rear Left or Right			2822225	3
99-00	8	4.6L	2WD, Front Left or Right			2820325	3
97-00	8	4.6L	4WD, Right (Passenger) Side		2020013	-	3

YR/YRS	CYL	LITER	DESCRIPTION	DIRECT FIT STANDARD SERIES	DIRECT FIT PROFESSIONAL SERIES	UNIVERSAL	FT
97-00	8	4.6L	4WD, Left (Driver) Side		2020014	-	3
97-00	8	4.6L	RWD, Left	2029057			3
97-98	8	4.6L	Rear Left or Right			2822225	3
97-98	8	4.6L	Front Left or Right			2820325	3
1996	6	4.9L	Rear, 4WD			608006	3
1996	6	4.9L	Front, 4WD			2824220	3
1996	6	4.9L	Front, 2WD			2824220	3
87-95	6	4.9L	Front, Dual Inlet			2904220	3
87-95	6	4.9L	Rear			2900225	3
87-95	6	4.9L	2 to 1 Conv. Replacement			2900225	3
84-86	6	4.9L	2 to 1 Conv. Replacement			2900224	3
84-86	6	4.9L	Rear			2200124	3
80-83	6	4.9L				2200124	3
1996	8	5.0L	Front			2824220	3
85-95	8	5.0L	EFI Eng., Front, Dual Inlet			2904220	3
85-95	8	5.0L	EFI Eng., Rear			2900225	3
85-95	8	5.0L	EFI Eng., 2 to 1 Conv. Replacement			2900225	3
84-85	8	5.0L	(Exc. EFI), Front, Dual Inlet			2904220	3
84-85	8	5.0L	(Exc. EFI) Rear			2900225	3
84-85	8	5.0L	(Exc. EFI), 2 to 1 Conv. Replacement			2900225	3
1983	8	5.0L	Single Conv. System			2900224	3
80-82	8	5.0L				2900225	3
09-10	8	5.4L	Right	2029985			3
05-08	8	5.4L	RWD, Left, Federal & California Emissions	2029257			3
05-08	8	5.4L	RWD, Right, Federal & California Emissions	2029256			3
07-08	8	5.4L	4WD, Right (Passenger) Side		2020007	-	3
07-08	8	5.4L	4WD, Left (Driver) Side		2020008	-	3
04-06	8	5.4L	4WD, Right (Passenger) Side (2004 New Body Style)		2020005	-	3
04-06	8	5.4L	4WD, Left (Driver) Side (2004 New Body Style)		2020006	-	3
01-04	8	5.4L	4WD, Rear Left, (2004 Old Body Style)			2822225	3
01-04	8	5.4L	4WD, Front Left, (2004 Old Body Style)			2821220	3
01-04	8	5.4L	4WD, Rear Right, (2004 Old Body Style)			2822225	3
01-04	8	5.4L	4WD, Front Right, (2004 Old Body Style)			2821220	3
01-02	8	5.4L	2WD, Rear, Left			2822225	3
01-02	8	5.4L	2WD, Front, Left			2821220	3
01-02	8	5.4L	2WD, Rear, Right			2822225	3
01-02	8	5.4L	2WD, Front, Right			2821220	3
97-00	8	5.4L	2WD & 4WD, Rear Left or Right			2822225	3
97-00	8	5.4L	2WD & 4WD, Front Left or Right			2820325	3
97-98	8	5.4L	4WD, Right (Passenger) Side		2020017	-	3
97-98	8	5.4L	4WD, Left (Driver) Side		2020018	-	3
1996	8	5.8L	Front			2824220	3
1995	8	5.8L	Front, Dual Inlet			2904220	3

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TRUCK, VAN, AND SUV APPLICATION LISTINGS

FEDERAL CONVERTERS



YR/YRS	CYL	LITER	DESCRIPTION	DIRECT FIT STANDARD SERIES	DIRECT FIT PROFESSIONAL SERIES	UNIVERSAL	FT
1995	8	5.8L	Rear			2900225	3
1995	8	5.8L	2 to 1 Conv. Replacement			2900225	3
88-94	8	5.8L	Front, Dual Inlet			2904220	3
88-94	8	5.8L	Rear			2900225	3
88-94	8	5.8L	2 to 1 Conv. Replacement			2900225	3
84-86	8	5.8L	Front, Dual Inlet			2904220	3
84-86	8	5.8L	Rear			2900225	3
84-86	8	5.8L	2 to 1 Conv. Replacement			2900225	3
82-83	8	5.8L	Front, Dual Inlet			2904220	3
82-83	8	5.8L	Rear			2900225	3
82-83	8	5.8L	2 to 1 Conv. Replacement			2900225	3
80-81	8	5.8L				2900225	3
77-79	8	5.8L				2900224	3
77-79	8	6.6L				2400224	3
FORD F-250 PICKUP 3/4 TON							
97-98	8	4.6L	RWD, Left	2029057			3
1996	6	4.9L	Front, 4WD			2824220	3
1996	6	4.9L	Front, 2WD			2824220	3
87-95	6	4.9L	Front, Dual Inlet			2904220	3
87-95	6	4.9L	Rear			2900225	3
87-95	6	4.9L	2 to 1 Conv. Replacement			2900225	3
84-86	6	4.9L	2 to 1 Conv. Replacement			2900224	3
84-86	6	4.9L	Rear			2200124	3
80-83	6	4.9L				2200124	3
1996	8	5.0L	Front, Dual Inlet			2824220	3
85-95	8	5.0L	EFI Eng., Rear			2900225	3
85-95	8	5.0L	EFI Eng., Front, Dual Inlet			2904220	3
85-95	8	5.0L	EFI Eng., 2 to 1 Conv. Replacement			2900225	3
84-85	8	5.0L	(Exc. EFI), Rear			2900225	3
84-85	8	5.0L	(Exc. EFI), 2 to 1 Conv. Replacement			2900225	3
84-85	8	5.0L	(Exc. EFI), Front, Dual Inlet			2904220	3
1983	8	5.0L	Single Conv. System			2900224	3
80-82	8	5.0L				2900225	3
05-07	8	5.4L	Super Duty	2024634			3
00-03	8	5.4L	To 12000 lbs GVW, w/o Rear O2 Sensor, Federal Emissions			2600230	4
1999	8	5.4L	Single Conv. System, To 12000 lbs GVW, w/o O2 Sensor			2600230	3
97-99	8	5.4L	Dual Conv. System, 2WD & 4WD, To 8600 lbs GVW, Rear Left or Right			2822225	3
97-99	8	5.4L	Dual Conv. System, 2WD & 4WD, To 8600 lbs GVW, Front Left or Right			2820325	3
97-98	8	5.4L	4WD, Right (Passenger) Side		2020017	-	3
97-98	8	5.4L	4WD, Left (Driver) Side		2020018	-	3
1996	8	5.8L	Light Duty, Front			2824220	3
1995	8	5.8L	Light Duty, Rear			2900225	3

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1995	8	5.8L	Light Duty, 2 to 1 Conv. Replacement			2900225	3
1995	8	5.8L	Light Duty, Front, Dual Inlet			2904220	3
94-95	8	5.8L	To 9200 lbs GVW, (Exc. 4 Bolt Flange Inlet)			2500230	3
94-95	8	5.8L	With California Emissions, To 9200 lbs GVW, (Exc. 4 Bolt Flange Inlet) (Not for use in California)			2500230	5
88-94	8	5.8L	Light Duty, Rear			2900225	3
88-94	8	5.8L	Light Duty, 2 to 1 Conv. Replacement			2900225	3
88-94	8	5.8L	Light Duty, Front, Dual Inlet			2904220	3
87-93	8	5.8L	To 9200 lbs GVW, (Exc. 4 Bolt Flange Inlet)			2500230	3
84-86	8	5.8L	Rear			2900225	3
84-86	8	5.8L	2 to 1 Conv. Replacement			2900225	3
84-86	8	5.8L	Front, Dual Inlet			2904220	3
82-83	8	5.8L	Rear			2900225	3
82-83	8	5.8L	2 to 1 Conv. Replacement			2900225	3
82-83	8	5.8L	Front, Dual Inlet			2904220	3
80-81	8	5.8L				2900225	3
77-79	8	5.8L				2900224	3
1980	8	6.6L				2400225	3
77-79	8	6.6L				2400224	3
94-95	8	7.5L	To 9200 lbs GVW, (Exc. 4 Bolt Flange Inlet)			2500230	3
87-93	8	7.5L	To 9200 lbs GVW, (Exc. 4 Bolt Flange Inlet)			2500230	3
1979	8	7.5L				2400225	3
99-03	10	6.8L	To 12000 lbs GVW, w/o Rear O2 Sensor, Federal Emissions			2600230	4
FORD F-350 PICKUP 1 TON							
1996	6	4.9L	Front, 2WD			2824220	3
87-95	6	4.9L	Under 8500 lbs GVW, Rear			2900225	3
87-95	6	4.9L	Under 8500 lbs GVW, 2 to 1 Conv. Replacement			2900225	3
87-95	6	4.9L	Under 8500 lbs GVW, Front, Dual Inlet			2904220	3
84-86	6	4.9L	Under 8500 lbs GVW, 2 to 1 Conv. Replacement			2900224	3
84-86	6	4.9L	Under 8500 lbs GVW, Rear			2900224	3
84-86	6	4.9L	Under 8500 lbs GVW, Front			2900224	3
81-83	6	4.9L	Under 8500 lbs GVW			2900224	3
99-02	8	5.4L	To 12000 lbs GVW, w/o Rear O2 Sensor, Federal Emissions			2600230	4
88-97	8	5.8L	To 9200 lbs GVW, (Exc. 4 Bolt Flange Inlet)			2500230	3
88-95	8	5.8L	To 9200 lbs GVW, (Exc. 4 Bolt Flange Inlet), California Emissions			2500230	5
88-97	8	7.5L	To 9200 lbs GVW, (Exc. 4 Bolt Flange Inlet)			2500230	3
99-02	10	6.8L	To 12000 lbs GVW, w/o Rear O2 Sensor, Federal Emissions			2600230	4
1999	10	6.8L	To 12000 lbs GVW, w/o O2 Sensor			2600230	3
1999	10	6.8L	To 12000 lbs GVW, w/O2 Sensor			2600230	3

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FORD FLEX							
09-10	6	3.5L	(Excl. Turbo) AWD or FWD, Rear Main			2821124	3
FORD FREESTAR							
04-07	6	4.2L		2024372			3
04-07	6	3.9L		2024372			3
FORD FREESTYLE							
05-07	6	3.0L	Front	2024490			3
05-07	6	3.0L	Rear, Main	2024392			3
05-07	6	3.0L	Rear	2024391			3
FORD RANCHERO							
75-79	8	5.8L	Left or Right			2220120	3
FORD RANGER							
86-88	4	2.0L	w/Air Tube			2200124	3
07-11	4	2.3L	Federal & California Emissions	2029255			3
01-06	4	2.3L	Rear Universal			2820224	3
95-97	4	2.3L			2020031	-	3
86-89	4	2.3L	(Exc. 125" W.B.); From 1/86			2200124	3
86-88	4	2.3L	Manual Trans., 125" W.B.; From 1/86			2200124	3
1983	4	All	36-1/2" Conv.			2200124	3
83-85	6	2.8L				2200124	3
88-92	6	2.9L	Front			2900224	3
88-92	6	2.9L	Rear			2900224	3
86-87	6	2.9L	Rear			2900224	3
04-06	6	3.0L	Rear	2021105			3
01-03	6	3.0L	Rear	2029144			3
98-00	6	3.0L	36" Conv.	2029314			3
98-00	6	3.0L	36" Conv., Front			2822225	3
98-00	6	3.0L	36" Conv., Rear			2822225	3
96-97	6	3.0L	Front			2822225	3
96-97	6	3.0L	Rear			2822225	3
91-95	6	3.0L	Front			2900224	3
91-95	6	3.0L	Rear			2900224	3
98-00	6	4.0L	36" Conv.	2029314			3
98-00	6	4.0L	36" Conv., Front			2822225	3
98-00	6	4.0L	36" Conv., Rear			2822225	3
96-97	6	4.0L	Front			2822225	3
96-97	6	4.0L	Rear			2822225	3
90-95	6	4.0L	Front			2900224	3
90-95	6	4.0L	Rear			2900224	3
01-03	6	4.0L	Front	2021044			3
01-03	6	4.0L	Rear	2029144			3
FORD WINDSTAR							
99-00	6	3.0L	Left or Right			2821220	3
97-98	6	3.0L	Left or Right			2820224	3
95-96	6	3.0L	Left or Right			2821220	3

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98-00	6	3.8L	With California Emissions, Left or Right ; From 4/30/98 (Not for use in California)			2821220	5
97-98	6	3.8L	With California Emissions, Left or Right ; To 4/29/98 (Not for use in California)			2821220	5
97-98	6	3.8L	(Exc. Models w/Mid-Bed O2 Sensor), Left or Right; To 4/98			2820224	3
95-96	6	3.8L	Left or Right			2820224	3
01-03	6	3.8L		2024372			3
GEO TRACKER							
96-97	4	1.6L		2014174			3
GMC ACADIA							
07-11	6	3.6L	Front	2014572			3
07-11	6	3.6L	Rear	2014573			3
GMC B7 CONVENTIONAL CHASSIS							
98-00	8	7.4L				2600230	3
GMC C-(2WD), K-(4WD) PICKUP 1/2 TON, (Inc. SIERRA)							
07-08	6	4.3L	Federal Emissions		2010020	-	4
01-06	6	4.3L			2010019	-	3
2000	6	4.3L	Dual Convs., w/o Flat Spot in Middle Pipe		2010018	2822225	3
2000	6	4.3L	Dual Convs., w/Flat Spot in Middle Pipe		2010019	2820125	3
1999	6	4.3L	Dual Convs.		2010018	2822225	3
96-99	6	4.3L	Single Conv.		2010022	2822230	3
94-95	6	4.3L			2010021	2900230	3
1993	6	4.3L	27-1/2" Conv.			2900225	3
1993	6	4.3L	Closed Coupled Exhaust (Conv. welded to front pipe)			2900225	3
88-93	6	4.3L			2010029	-	3
83-87	6	All			2010040	2400225	3
09-11	8	4.8L	Front Left or Right			2820325	3
09-11	8	4.8L	Rear			2820125	3
07-08	8	4.8L	Federal Emissions		2010020		4
01-06	8	4.8L			2010019		3
2000	8	4.8L	Dual Convs., w/o Flat Spot in Middle Pipe		2010018	2822225	3
2000	8	4.8L	Dual Convs., w/Flat Spot in Middle Pipe		2010019	2820125	3
1999	8	4.8L	Dual Convs.		2010018	2822225	3
96-99	8	5.0L	Single Conv.		2010022	2822230	3
94-95	8	5.0L			2010021	2900230	3
1993	8	5.0L	27-1/2" Conv.			2900225	3
1993	8	5.0L	(Exc. 27-1/2" Conv.)			2900225	3
88-93	8	5.0L			2010029	-	3
09-11	8	5.3L	Front Left or Right			2820325	3
09-11	8	5.3L	Rear			2820125	3
07-08	8	5.3L	Federal Emissions		2010020	-	4
01-06	8	5.3L			2010019	-	3
2000	8	5.3L	Dual Convs., w/o Flat Spot in Middle Pipe		2010018	2822225	3

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2000	8	5.3L	Dual Convs., w/Flat Spot in Middle Pipe		2010019	2820125	3
1999	8	5.3L	Dual Convs.		2010018	2822225	3
96-99	8	5.7L	Classic Models, Dual Conv. Y-Pipe Assy., To 8500 GVW		2010023	-	3
96-98	8	5.7L	Single Conv.			2822230	3
94-95	8	5.7L			2010021	2900230	3
1993	8	5.7L	(Exc. 26-1/4" Conv.)			2900230	3
88-91	8	5.7L				2900230	3
87-93	8	5.7L			2010025	2900230	3
83-86	8	5.7L			2010040	2900225	3
07-08	8	6.0L	Federal Emissions		2010020	-	4
92-93	8	7.4L	(Exc. 454 SS)		2010025	-	3
75-79	8	7.4L	454 C.I.D.		2010040	2400225	3
GMC C-(2WD), K-(4WD) PICKUP 3/4 TON, (Inc. SIERRA)							
75-84	6	4.1L	250 C.I.D.		2010040	2500225	3
94-95	6	4.3L	Up To 8600 lbs GVW		2010021	2900230	3
88-93	6	4.3L	w/2.5" Piping		2010029	-	3
88-93	6	4.3L	Up To 8600 lbs GVW, w/3" Piping			2900230	3
88-93	6	4.3L	Up To 8600 lbs GVW, w/2-1/2" Piping			2900225	3
85-87	6	4.3L	C2500		2010040	2900225	3
96-99	8	5.0L			2010022	2822230	3
94-95	8	5.0L	Up To 8600 lbs GVW		2010021	2900230	3
88-93	8	5.0L			2010029	-	3
83-87	8	5.0L			2010040	2900225	3
96-00	8	5.7L	8600 lbs GVW and Over, 155.5" W.B., Rear			2822230	3
96-00	8	5.7L	8600 lbs GVW and Over, Front			2822230	3
96-00	8	5.7L	Classic Models, Dual Conv. Y-Pipe Assy., Up To 8500 GVW		2010023	-	3
96-99	8	5.7L	8600 lbs GVW and Over, 131.5" W.B., Rear			2822230	3
96-99	8	5.7L	8600 lbs GVW and Over, 141.5" W.B., Rear			2822230	3
94-95	8	5.7L	Up To 8600 lbs GVW		2010021	2900230	3
88-93	8	5.7L	Models w/Rear Conv. behind muffler, up to 11000 lbs GVW			2600230	3
88-93	8	5.7L	Up To 11000 lbs GVW		2010030	2600230	3
88-93	8	5.7L	Models w/Rear Conv. behind muffler, up to 8600 lbs GVW			2400230	3
88-93	8	5.7L	Up To 8600 lbs GVW		2010025	2400230	3
1987	8	5.7L	Fuel Injection		2010025	2900230	3
83-86	8	5.7L			2010040	2900225	3
01-03	8	6.0L	Left or Right, California Emissions			2400230	5
01-03	8	6.0L	Federal Emissions			2600230	4
96-00	8	7.4L	Front, Federal Emissions			2400225	4
91-95	8	7.4L	Models w/Rear Conv. behind muffler, up to 11000 lbs GVW			2600230	3
91-95	8	7.4L	Up To 11000 lbs GVW		2010030	2600230	3
91-95	8	7.4L	Models w/Rear Conv. behind muffler, up to 8600 lbs GVW			2400230	3
91-95	8	7.4L	Up To 8600 lbs GVW		2010025	2400230	3

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87-89	8	7.4L	Up To 8600 lbs GVW		2010025	-	3
87-89	8	7.4L	Up To 11,620 lbs GVW		2010030	-	3
2001	8	8.1L	Left or Right, California Emissions			2400230	5
75-82	8	All			2010040	2500225	3
GMC C-(2WD), K-(4WD) PICKUP 1 TON							
96-99	8	5.7L	8600 lbs GVW and Over, 131.5" W.B., Rear			2822230	3
96-99	8	5.7L	8600 lbs GVW and Over, 141.5" W.B., Rear			2822230	3
96-97	8	5.7L	Front or Rear			2822225	3
96-00	8	5.7L	8600 lbs GVW and Over, 155.5" W.B., Rear			2822230	3
96-00	8	5.7L	8600 lbs GVW and Over, Front			2822230	3
96-00	8	5.7L	Dual Conv. Y-Pipe Assy., To 8500 GVW		2010023	-	3
1986	8	5.7L	Up To 9000 lbs GVW		2010029	2400225	3
01-02	8	6.0L	Left or Right, California Emissions			2400230	5
01-02	8	6.0L	Federal Emissions			2600230	4
96-00	8	7.4L	Rear, Federal Emissions			2400225	4
96-00	8	7.4L	Front, Federal Emissions			2400225	4
2001	8	8.1L	Left or Right, California Emissions			2400230	5
93-95	8	All	Models w/Rear Conv., To 9000 lbs GVW		2010025	2400230	3
93-95	8	All	Up To 9000 lbs GVW			2400230	3
93-95	8	All	Models w/Rear Conv. behind muffler, To 12000 lbs GVW			2600230	3
93-95	8	All	Up To 12000 lbs GVW			2600230	3
87-95	8	All	Up To 12,000 lbs GVW		2010030	-	3
88-92	8	All	Models w/Rear Conv., To 9000 lbs GVW			2400230	3
88-92	8	All	Up To 9000 lbs GVW		2010025	2400230	3
88-92	8	All	Models w/Rear Conv. behind muffler, To 12000 lbs GVW			2600230	3
88-92	8	All	Up To 12000 lbs GVW			2600230	3
GMC C5500							
05-08	8	8.1L	Rear			2822230	3
05-08	8	8.1L	Front			2822230	3
GMC CABALLERO/SPRINT							
1984	6	3.8L	231 C.I.D.			2200124	3
83-84	6	3.8L	229 C.I.D.		2010001	2200124	3
81-83	6	3.8L	231 C.I.D., (Exc. Turbo)			2200124	3
81-82	6	3.8L	229 C.I.D.			2200124	3
1980	6	3.8L	229 C.I.D., Angled Conv.			2200124	3
1980	6	3.8L	231 C.I.D.			2200125	3
85-87	6	4.3L				2200124	3
78-79	6	All				2200124	3
1979	8	4.4L	267 C.I.D.			2200124	3
1978	8	5.0L				2200124	3
75-76	8	6.6L				2400225	3

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1975	8	7.4L				2400225	3
83-87	8	All			2010001	2200124	3
81-82	8	All				2200124	3
1980	8	All				2200125	3
GMC CANYON							
04-06	4	2.8L	Rear	2019216		2821324	3
04-06	5	3.5L	Rear	2019216		2821324	3
GMC ENVOY							
06-07	6	4.2L	(113" Wheelbase)		2010026	2820225	3
06-07	6	4.2L	XL Model (129" Wheelbase)			2820225	3
04-05	6	4.2L				2822225	3
04-05	6	4.2L	XUV Model	2019998			3
02-05	6	4.2L	XL Model	2019998			3
02-05	6	4.2L	(113" Wheelbase)		2010024	2820125	3
02-03	6	4.2L	XL Model (129" Wheelbase)			2820125	3
2000	6	4.3L	4WD & Auto Trans. & 4 Dr., Federal Emissions			2822230	4
GMC G -VAN 1/2 & 3/4 TON (Inc. Savana Van)							
75-82	6	4.1L				2900225	3
03-08	6	4.3L	Left or Right			2821124	3
00-02	6	4.3L	Under 8500 lbs GVW			2822230	3
00-02	6	4.3L	1500/2500, Under 8500 lbs GVW	2019019			
96-99	6	4.3L	Up To 8500 lbs GVW, w/3 Bolt Outlet Flange			2822230	3
96-99	6	4.3L	Over 8500 lbs GVW, w/3 Bolt Outlet Flange			2822230	3
1995	6	4.3L				2900230	3
85-94	6	4.3L			2010040	2900225	3
75-82	6	4.3L			2010040		
03-07	8	4.8L	2500, Left, Federal Emissions			2822230	4
03-05	8	4.8L	2500, Left, Federal Emissions	2019189			3
03-07	8	4.8L	2500, Right Conv. 60-3/4", Federal Emissions			2822230	4
03-07	8	4.8L	2500, Right Conv. 68-1/4", Federal Emissions			2822230	4
00-02	8	5.0L	Under 8500 lbs GVW			2822230	3
00-02	8	5.0L	1500/2500, Under 8500 lbs GVW	2019019			3
00-01	8	5.0L	G20 Model			2822230	3
96-99	8	5.0L	w/3 Bolt Outlet Flange			2822230	3
1995	8	5.0L	(Exc. 146" W.B.)			2900230	3
87-94	8	5.0L			2010040	2900225	3
2002	8	5.7L	1500, Under 8500 lbs GVW, Left or Right			2820124	3
2000	8	5.7L	2500, Under 8500 lbs GVW, Left or Right			2822230	3
97-00	8	5.7L	2500 Over 8500 lbs GVW, Left			2822230	3
97-00	8	5.7L	2500 Over 8500 lbs GVW, Right			2822230	3
96-99	8	5.7L	Dual Conv. System, Under 8500 lbs GVW, Left			2822230	3
96-99	8	5.7L	Dual Conv. System, Under 8500 lbs GVW, Right			2822230	3
96-99	8	5.7L	Single Conv. System, w/3 Bolt Outlet Flange			2822230	3
1995	8	5.7L	(Exc. 146" W.B.)			2900230	3
92-94	8	5.7L	Models w/Rear Conv. behind muffler, To 9000 lbs GVW			2400230	3

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92-94	8	5.7L	Up To 9000 lbs GVW			2400230	3
92-94	8	5.7L	Models w/Rear Conv. behind muffler, Over 9000 lbs GVW			2600230	3
92-94	8	5.7L	Over 9000 lbs GVW			2600230	3
87-94	8	5.7L	Under 9000 lbs GVW		2010025	-	3
87-94	8	5.7L	Over 9000 lbs GVW		2010030	-	3
87-91	8	5.7L	Models w/Rear Conv., To 9000 lbs GVW			2400230	3
87-91	8	5.7L	Up To 9000 lbs GVW			2400230	3
87-91	8	5.7L	Models w/Rear Conv. behind muffler, Over 9000 lbs GVW			2600230	3
87-91	8	5.7L	Over 9000 lbs GVW			2600230	3
03-07	8	6.0L	2500, Left, Federal Emissions			2822230	4
03-07	8	6.0L	2500, Right Conv. 60-3/4", Federal Emissions			2822230	4
03-07	8	6.0L	2500, Right Conv. 68-1/4", Federal Emissions			2822230	4
03-05	8	6.0L	2500/3500, Left, Federal Emissions	2019189			3
79-82	8	6.6L	400 C.I.D.		2010040	2400225	3
83-86	8	All			2010040	2400225	3
1995	8	All	146" W.B.			2900230	3
GMC G -VAN 1 TON (Inc. Savana Van)							
1996	6	4.3L	Code "Z"			2822230	3
1995	6	4.3L				2900230	3
91-94	6	4.3L	Up To 8500 lbs GVW		2010040	2400225	3
78-90	6	All			2010040	2400225	3
2000	8	5.7L				2822230	3
97-00	8	5.7L	135" & 155" W.B. Over 8500 lbs GVW, Left			2822230	3
97-00	8	5.7L	135" & 155" W.B. Over 8500 lbs GVW, Right			2822230	3
1996	8	5.7L	135" & 155" W.B. Over 8500 lbs GVW, Left			2822230	3
1996	8	5.7L	135" & 155" W.B. Over 8500 lbs GVW, Right			2822230	3
1996	8	5.7L	Under 8500 lbs GVW, Left			2822230	3
1996	8	5.7L	Under 8500 lbs GVW, Right			2822230	3
1995	8	5.7L	Under 9000 lbs GVW			2400230	3
87-94	8	5.7L	Up To 9000 lbs GVW		2010025	-	3
87-94	8	5.7L	Over 9000 lbs GVW		2010030	-	3
87-91	8	5.7L	Models w/Rear Conv. behind muffler, Under 9000 lbs GVW			2400230	3
87-91	8	5.7L	Up To 9000 lbs GVW			2400230	3
87-91	8	5.7L	Models w/Rear Conv. behind muffler, Over 9000 lbs GVW			2600230	3
87-91	8	5.7L	Over 9000 lbs GVW			2600230	3
80-86	8	5.7L			2010040	2400225	3
03-07	8	6.0L	Left, Federal Emissions			2822230	4
03-07	8	6.0L	Right, 60-3/4", Federal Emissions			2822230	4
03-07	8	6.0L	Right, 68-1/4", Federal Emissions			2822230	4
1995	8	7.4L	Under 9000 lbs GVW			2400230	3

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FEDERAL CONVERTERS



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92-94	8	All	Up To 9000 lbs GVW			2400230	3
92-94	8	All	Over 9000 lbs GVW		2010030	2600230	3
78-79	8	All	w/Conv.		2010040	2400225	3
GMC JIMMY FULL SIZE							
1994	8	5.7L	Engine Code "K", w/Conv. In Y-Pipe		2010021	-	3
1994	8	5.7L	(Exc. Conv. In Y-Pipe)		2010025	2900230	3
87-93	8	5.7L			2010025	2900230	3
75-78	8	6.6L	400 C.I.D.		2010040	2400225	3
83-87	8	All	(Exc. 1987, 350 C.I.D., 5.7L0		2010040	2900225	3
GMC S-15 JIMMY							
01-02	6	4.3L	2 Dr., Federal Emissions			2822230	4
01-02	6	4.3L	Rear, 4WD, 2 Dr., California Emissions			2822225	5
01-02	6	4.3L	Rear, 2WD, 2 Dr., California Emissions			2821120	5
00-01	6	4.3L	4WD, Front	2019109			3
00-02	6	4.3L	4WD, Automatic, California Emissions	2019109			3
00-01	6	4.3L	AWD, Automatic, California Emissions	2019109			3
2000	6	4.3L	4WD, 2 Dr., Federal Emissions			2822230	4
2000	6	4.3L	2WD, 2 Dr., Federal Emissions			2822230	4
2000	6	4.3L	4WD & Auto Trans. & 4 Dr., Federal Emissions			2822230	4
98-99	6	4.3L	Federal Emissions			2822225	4
98-99	6	4.3L	Rear, California Emissions	2014792		2822225	3
98-99	6	4.3L	Front, California Emissions			2821220	5
96-99	6	4.3L	Federal Emissions	2014792			3
96-97	6	4.3L				2822225	3
1995	6	4.3L	4WD, 2 Door			2822225	3
1995	6	4.3L	4WD, 4 Door			2822225	3
92-94	6	4.3L	Code "Z" Eng.			2900225	3
92-94	6	4.3L	Code "W" Eng.			2900225	3
88-91	6	All				2900225	3
GMC S-Series (2WD), T-Series (4WD) PICKUP (SONOMA)							
96-03	4	2.2L			2010016	2820225	3
2000	6	4.3L				2822225	3
00-04	6	4.3L	4WD, Crew Cab Pickup	2019109			3
01-03	6	4.3L	4WD, Extended Cab Pickup, California Emissions	2019110			3
98-99	6	4.3L	4WD		2010027	-	3
98-99	6	4.3L	2WD, w/31 1/2" OAL Conv.		2010017	2822225	3
96-99	6	4.3L	4WD			2822230	3
96-97	6	4.3L	2WD			2822225	3
1995	6	4.3L	2WD			2822225	3
1995	6	4.3L	4WD & Extended Cab			2822225	3
GMC SAFARI VAN							
00-05	6	4.3L	CA Emissions	2089148			3
00-01	6	4.3L	Federal Emissions			2822230	4
96-99	6	4.3L				2822230	3
94-95	6	4.3L	AWD			2900230	3

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94-95	6	4.3L	(Exc. AWD)			2900230	3
92-93	6	4.3L	Code "W" Eng., 3" Pipe		2010025	2900230	3
92-93	6	4.3L	Code "Z" Eng., 2-1/2" Pipe		2010029	2900225	3
86-91	6	4.3L			2010040	2900225	3
GMC SUBURBAN/YUKON							
2009	8	4.8L	Front Left or Right			2820325	3
2009	8	4.8L	Rear			2820125	3
07-08	8	4.8L	Federal Emissions, 1500 Series (1/2 Ton)		2010020	-	4
01-05	8	4.8L	Left or Right, Federal Emissions			2820125	4
01-05	8	4.8L	Complete		2010019	-	3
94-95	8	5.0L	To 8600 lbs GVW		2010021	-	3
88-93	8	5.0L			2010029	-	3
83-87	8	5.0L			2010040	2900225	3
09-11	8	5.3L	Yukon & Yukon XL, Front Left or Right			2820325	3
09-11	8	5.3L	Yukon & Yukon XL, Rear			2820125	3
07-08	8	5.3L	Federal Emissions, 1500 Series (1/2 Ton)		2010020	-	4
01-05	8	5.3L	Left or Right, Federal Emissions			2820125	4
01-05	8	5.3L	Complete		2010019	-	3
96-00	8	5.7L	Dual Conv. Y-Pipe Assy., To 8500 GVW, (Exc. 2 Dr.)		2010023	-	3
96-99	8	5.7L	3/4 Ton Models, Rear, to 9200 lbs GVW			2822225	3
96-99	8	5.7L	3/4 Ton Models, Front, to 9200 lbs GVW			2822225	3
94-95	8	5.7L	Up To 8600 lbs GVW		2010021	2900230	3
88-93	8	5.7L	Up To 11,000 lbs GVW		2010030	2600230	3
88-93	8	5.7L	Up To 8600 lbs GVW		2010025	2400230	3
1987	8	5.7L	Fuel Injection		2010025	2900230	3
83-86	8	5.7L			2010040	2900225	3
01-06	8	6.0L	Denali Model, Left Side		2019267		3
96-99	8	7.4L	3/4 Ton Models, Rear			2400225	3
96-99	8	7.4L	3/4 Ton Models, Front			2400225	3
91-95	8	7.4L	Up To 11,000 lbs GVW		2010030	2600230	3
91-95	8	7.4L	Up To 8600 lbs GVW		2010025	2400230	3
87-89	8	7.4L	Up To 11,620 lbs GVW		2010030	2600230	3
87-89	8	7.4L	Up To 8600 lbs GVW		2010025	2400230	3
75-82	8	All			2010040	2500225	3
HONDA CRV							
97-01	4	2.0L		2064249			3
99-01	4	2.0L				2821120	3
97-98	4	2.0L				2821120	3
02-06	4	2.4L		2064289			3
HONDA ELEMENT							
03-11	4	2.4L		2064560			3
2002	4	2.4L				2821120	3

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HONDA ODYSSEY							
96-97	4	2.2L		2064249		2200120	3
1995	4	2.2L				2200120	3
1998	4	2.3L				2200120	3
05-10	6	3.5L	Front, Left EX/LX	2061250			3
05-10	6	3.5L	Front, Right EX/LX	2061251			3
05-10	6	3.5L	Rear	2064533			3
99-04	6	3.5L		2064209		2821124	3
HONDA PASSPORT							
98-02	6	3.2L	Auto Trans, Federal Emissions, Left or Right			2820120	3
HONDA PILOT							
03-05	6	3.5L				2821124	3
05-08	6	3.5L	Front, Left	2061250			3
05-08	6	3.5L	Front, Right	2061251			3
05-08	6	3.5L	Rear	2064533			3
HONDA RIDGELINE							
06-08	6	3.5L	Front, Left	2061250			3
06-08	6	3.5L	Front, Right	2061251			3
06-08	6	3.5L	Rear	2064533			3
HUMMER							
2007	5	3.7L	H3, Rear	2019216			3
HYUNDAI SANTA FE							
01-04	4	2.4L	Rear			2820124	3
2001	4	2.4L	Rear			2071018	3
01-04	4	2.4L	Front	2071018		-	3
2001	4	2.7L	Front			2074161	3
01-06	4	2.7L	Main, Rear	2074161			3
INTERNATIONAL HARVESTER							
79-80	8	5.6L				2400225	3
INFINITI QX4							
97-00	6	3.3L		2071015		-	3
01-03	6	3.5L		2071015		-	3
01-03	6	3.5L	Front Right	2071118			3
INFINITI QX56							
04-06	8	5.6L	Left	2074738			3
04-06	8	5.6L	Right	2074739			3
ISUZU ASCENDER							
06-07	6	4.2L	Short Model (113" Wheelbase)		2010026	2820225	3
06-07	6	4.2L	Long Model (129" Wheelbase)			2820225	3
04-05	6	4.2L	Long Model (129" Wheelbase)	2019998			3
03-05	6	4.2L	Short Model (113" Wheelbase)		2010024	2820125	3
03-05	6	4.2L	Long Model (129" Wheelbase)			2820125	3
ISUZU PICKUP - HOMBRE							
96-00	4	2.2L	Hombre Models		2010016	2820224	3
98-99	6	4.3L	Hombre 4WD			2822225	3

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98-99	6	4.3L	Hombre 2WD, w/ 31 1/2" OAL Conv.			2822225	3
1997	6	4.3L	Hombre 2WD			2822225	3
ISUZU I-SERIES							
2006	4	2.8L	i-280, Rear	2019216			3
2006	5	3.5L	i-350, Rear	2019216			3
ISUZU OASIS							
96-97	4	2.2L		2064249		2821120	3
98-99	4	2.3L				2821120	3
ISUZU RODEO							
98-02	6	3.2L	Auto Trans., Federal Emissions			2820224	4
96-97	6	3.2L	Auto Trans., Left, Right			2821120	3
JEEP CHEROKEE							
96-00	4	2.5L	Federal Emmissions, w/o Converter Flanges		2040002	2822225	3
93-95	4	2.5L			2040001	2900224	3
00-01	6	4.0L	Rear, From 01/20/00			2822225	3
96-00	6	4.0L	Federal Emmissions, To 01/20/00		2040002	2822225	3
93-95	6	4.0L			2040001	2900224	3
82-83	6	4.2L				2200120	3
1981	6	4.2L	(Exc. w/ 2-1/2" Pipe)			2200120	3
79-80	6	5.9L				2500225	3
1978	8	5.9L				2900225	3
JEEP CJ							
84-86	4	2.5L				2200120	3
82-86	6	4.2L				2200120	3
80-81	6	4.2L	w/Air Tube			2200125	3
75-78	6	All				2500225	3
JEEP COMANCHE							
1986	6	2.8L				2200120	3
JEEP COMMANDER							
06-08	6	3.7L	Left or Right			2821124	3
07-08	8	4.7L	Left or Right			2821124	3
06-07	6	3.7L	Federal/CA Emissions	2049193			3
JEEP COMPASS							
07-11	4	2.0L		2034415			3
07-11	4	2.4L		2034415			3
JEEP GRAND CHEROKEE/GRAND WAGONEER							
05-06	6	3.7L	Federal/CA Emissions	2049193			3
02-04	6	4.0L	Rear, Federal Emissions	2049139			3
02-04	6	4.0L	Front, Federal and California Emissions	2041039			3
01-04	6	4.0L	Rear			2822225	3
2001	6	4.0L	Pre-cat, Federal Emissions, Front	2041039			3
96-98	6	4.0L	Rear		2040002	2200124	3
93-95	6	4.0L			2040001	2900224	3

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84-86	6	4.2L				2200120	3
02-04	8	4.7L	Rear, Federal Emissions	2049139		2822225	3
2001	8	4.7L	Rear			2822225	4
99-00	8	4.7L	Federal Emissions			2822225	4
99-00	8	4.7L	Rear, California Emissions			2822225	5
93-98	8	5.2L			2040002	2200124	3
84-91	8	5.9L				2900225	3
JEEP J-Series PICKUP							
82-86	6	4.2L				2200120	3
1981	6	4.2L	w/Air Tube			2200120	3
81-88	8	5.9L				2200120	3
JEEP LIBERTY							
2007	6	3.7L	Left or Right			2820124	3
2006	6	3.7L	Left or Right, Federal Emissions			2820124	4
2005	6	3.7L	Left or Right			2820124	3
05-07	6	3.7L	Federal/CA Emissions	2049913			3
2004	6	3.7L	Left or Right			2821124	3
02-03	6	3.7L	Front, Left	2041049		-	3
2002	6	3.7L	Rear	2055003			3
2003	6	3.7L	To 02/14/03, Rear	2055003			3
JEEP PATRIOT							
07-11	4	2.0L		2034415			3
07-10	4	2.4L		2034415			3
JEEP SCRAMBLER							
84-85	4	2.5L				2200120	3
82-85	6	4.2L				2200120	3
1981	6	4.2L	w/Air Tube			2200120	3
JEEP WAGONEER							
84-85	4	2.5L	w/Air Tube			2200120	3
84-86	6	2.8L				2200120	3
82-83	6	4.2L				2200120	3
80-81	6	4.2L	w/Air Tube			2200120	3
81-83	8	5.9L				2200120	3
1978	8	5.9L				2900225	3
JEEP WRANGLER							
03-06	4	2.4L	Front or Rear			2821120	3
01-02	4	2.5L			2040006	-	3
96-98	4	2.5L			2040003	2820224	3
93-95	4	2.5L			2040001	2900224	3
04-06	6	4.0L	Federal/CA Emissions		2049170		3
04-06	6	4.0L	Rear		2040004	-	3
2003	6	4.0L	Rear, With Flanged Converter Inlet		2040006	-	3
2003	6	4.0L	Rear, Without Flanged Converter Inlet		2040004	-	3
00-02	6	4.0L	Rear		2040006	-	3
93-95	6	4.0L			2040001	2900224	3

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00-03	6	4.0L	Front	2041030			3
87-90	6	4.2L				2200120	3
KIA SEDONA							
02-05	6	3.5L	Rear Main		2071089	2820224	3
02-05	6	3.5L	Front	2071070			3
KIA SORENTO							
03-06	6	3.5L	Front, Left	2071208			3
03-06	6	3.5L	Front, Right	2071208			3
KIA SOUL							
10-11	4	2.0L	Front	2071234			3
LEXUS RX300							
99-03	6	3.0L	Front		2011032	2821120	3
99-03	6	3.0L	Center	2051033			3
99-03	6	3.0L	Rear, OE Exhaust is completely welded, P/N 7511 required for installation, Federal/CA Emissions	2059232			3
04-06	6	3.3L	Front	2051114			3
04-06	6	3.3L	Rear	2051119			3
LINCOLN AVIATOR							
03-06	8	4.6L	Front, Left or Right			2821124	3
LINCOLN MARK Series							
06-08	8	5.4L	RWD, Left Side, Federal & California Emissions	2029257			3
06-08	8	5.4L	RWD, Right Side, Federal & California Emissions	2029256			3
07-08	8	5.4L	4WD, Right (Passenger) Side		2020007	-	3
07-08	8	5.4L	4WD, Left (Driver) Side		2020008	-	3
2006	8	5.4L	4WD, Right (Passenger) Side		2020005	-	3
2006	8	5.4L	4WD, Left (Driver) Side		2020006	-	3
LINCOLN NAVIGATOR							
07-14	8	5.4L	Right	2029985			3
01-02	8	5.4L	Rear, Left or Right, 4WD			2820225	3
01-02	8	5.4L	Front, Left or Right, 4WD			2821220	3
98-00	8	5.4L	Front, Left or Right			2821224	3
1998	8	5.4L	4WD, Right (Passenger) Side		2020017	-	3
1998	8	5.4L	4WD, Left (Driver) Side		2020018	-	3
MAZDA B-Series PICKUP							
86-87	4	2.0L	Main & Pre-Cat			2200120	3
90-93	4	2.2L	Rear, W/Air Tube			2200120	3
87-89	4	2.2L	Main & Pre-Cat			2200120	3
07-09	4	2.3L	B2300, Federal & California Emissions	2029255			3
01-06	4	2.3L	Rear			2820224	3
98-01	4	2.5L				2822225	3
98-99	6	3.0L	B3000	2029314			3
98-99	6	3.0L	Rear			2822225	3
98-99	6	3.0L	Front			2822225	3

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TRUCK, VAN, AND SUV APPLICATION LISTINGS FEDERAL CONVERTERS



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96-97	6	3.0L	Rear			2822225	3
96-97	6	3.0L	Front			2822225	3
94-95	6	3.0L	Rear			2900224	3
94-95	6	3.0L	Front			2900224	3
01-03	6	3.0L	B3000, Rear	2029144			3
04-06	6	3.0L	Front	2021105			3
98-99	6	4.0L	B4000	2029314			3
98-99	6	4.0L	Rear			2822225	3
98-99	6	4.0L	Front			2822225	3
96-97	6	4.0L	Rear			2822225	3
96-97	6	4.0L	Front			2822225	3
94-95	6	4.0L	Rear			2900224	3
94-95	6	4.0L	Front			2900224	3
01-03	6	4.0L	Front	2021044			3
01-03	6	4.0L	B4000, Rear	2029144			3
MAZDA MPV VAN							
02-03	6	3.0L	With California Emissions, Rear Main, Left (Not for use in California)			2821124	3
96-98	6	3.0L	Front			2820120	3
94-95	6	3.0L	Front			2220120	3
MAZDA TRIBUTE							
05-06	6	3.0L	Rear, Main	2029408			3
01-04	6	3.0L	Rear, Main	2029008			3
01-06	6	3.0L		2021252			3
01-06	6	3.0L		2021249			3
2008	4	2.3L	Rear, Main	2029408			3
05-06	4	2.3L	Rear, Main	2029408			3
MAZDA NAVAJO							
91-94	6	4.0L	Rear			2900224	3
91-94	6	4.0L	Front			2900224	3
MERCURY MARINER							
05-08	6	3.0L		2021252			3
05-07	6	3.0L		2021249			3
05-06	6	3.0L	Rear, Main	2029408			3
05-08	4	2.3L	Rear, Main	2029408			3
MERCURY MONTEREY							
04-07	6	4.2L		2024372			3
MERCURY MOUNTAINEER							
06-07	6	4.0L	Left or Right			2821124	3
02-05	6	4.0L	Code "E" Eng.	2029112			3
02-05	6	4.0L	Code "E" Eng., Front			2820120	3
02-05	6	4.0L	Code "E" Eng., Rear			2822225	3
98-01	6	4.0L	Code "E", w/Single Inlet Pipe Muffler, Rear	2029244			3
98-01	6	4.0L	Code "E", w/Single Inlet Pipe Muffler, Not front	2021044			3
97-01	6	4.0L	Code E or K, w/Dual Inlet Muffler, Right (Passenger) Side		2020049	2820124	3

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97-01	6	4.0L	Code E or K, w/Dual Inlet Muffler, Left (Driver) Side		2020050	2820224	3
06-10	8	4.6L		2024582			3
02-05	8	4.6L	Federal & California Emissions	2029173			3
02-05	8	4.6L	Front, Left or Right			2820120	3
02-05	8	4.6L	Rear			2822225	3
MERCURY VILLAGER							
96-98	6	3.0L	Rear			2820224	3
96-98	6	3.0L	Front			2821120	3
94-95	6	3.0L	Front			2220124	3
99-02	6	3.3L	Rear			2820224	3
MITSUBISHI ENDEAVOR							
2004	6	3.8L	AWD, Rear Main Conv.			2822225	3
MITSUBISHI MONTERO							
01-03	6	3.0L	Rear, Sport			2820224	3
93-94	6	3.0L				2820224	3
01-02	6	3.5L	Rear, (Exc. Sport)			2820225	3
99-00	6	3.5L	Federal Emissions, Exc. Sport Model			2820224	4
97-98	6	3.5L	Federal Emissions			2820224	4
94-96	6	3.5L				2820224	3
MITSUBISHI PICKUP							
87-89	4	All				2220124	3
NISSAN ARMADA							
05-06	8	5.6L	Left	2074738			3
05-06	8	5.6L	Right	2074739			3
NISSAN FRONTIER							
01-04	4	2.4L	Front	2071109			3
00-03	4	2.4L	Rear			2820120	3
02-04	6	3.3L	Front, Right	2071124			3
02-04	6	3.3L	Front, Left	2071125			3
99-04	6	3.3L	Main Left, w/ 26-3/4" Converter			2820224	3
99-01	6	3.3L	Front, Right	2071036		-	3
99-01	6	3.3L	Front, Left	2071037		-	3
05-10	6	4.0L	Front, Left	2074630			3
05-10	6	4.0L	Rear, Left	2074633			3
05-10	6	4.0L	Rear, Right	2074632			3
NISSAN MURANO							
03-07	6	3.5L	Front	2071196			3
03-07	6	3.5L	Rear	2071137/2074437			3
NISSAN PATHFINDER							
87-88	4	2.4L	w/Air Tube			2200124	3
1995	6	3.0L	Front			2220120	3
87-89	6	3.0L	w/Air Tube			2200124	3
97-00	6	3.3L		2071015		-	3

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TRUCK, VAN, AND SUV APPLICATION LISTINGS

FEDERAL CONVERTERS



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01-04	6	3.5L		2071015		-	3
01-04	6	3.5L	Front, Right	2071118			3
05-10	6	4.0L	Front, Left	2074630			3
05-10	6	4.0L	Rear, Left	2074633			3
05-10	6	4.0L	Rear, Right	2074632			3
NISSAN PICKUP							
1983	4	2.0L				2200124	3
1980	4	2.0L				2200124	3
81-83	4	2.2L				2200124	3
96-97	4	2.4L				2820224	3
1995	4	2.4L	2WD			2900225	3
88-89	4	2.4L	w/Air Tube, 4WD			2200124	3
86-87	4	2.4L	D21 (Hardbody) Pickup			2200124	3
94-95	6	3.0L	4WD, Front			2220120	3
86-89	6	3.0L	w/Air Tube			2200124	3
NISSAN QUEST							
96-98	6	3.0L	Rear			2820224	3
96-98	6	3.0L	Front			2821120	3
94-95	6	3.0L	Front			2220124	3
99-02	6	3.3L	Rear			2820224	3
04-09	6	3.5L	Auto Trans, Main, Rear	2074438			3
04-09	6	3.5L	Rear	2071197			3
NISSAN TITAN							
04-06	8	5.6L	Left	2074738			3
04-06	8	5.6L	Right	2074739			3
NISSAN VAN							
87-88	4	2.4L				2200124	3
NISSAN XTERRA							
01-04	4	2.4L	Front	2071109			3
00-04	4	2.4L	Rear	2074317		2821224	3
02-04	6	3.3L	Front, Right	2071124			3
02-04	6	3.3L	Front, Left	2071125			3
00-01	6	3.3L	Front, Right	2071036		-	3
00-01	6	3.3L	Front, Left	2071037		-	3
05-10	6	4.0L	Front, Left	2074630			3
05-10	6	4.0L	Rear, Left	2074633			3
05-10	6	4.0L	Rear, Right	2074632			3
OLDSMOBILE BRAVADA							
02-04	6	4.2L			2010024	2822225	3
2000	6	4.3L	Federal Emissions			2822230	4
00-01	6	4.3L	4WD, Front	2019109			3
00-01	6	4.3L	California Emissions	2019109			3
96-99	6	4.3L				2822225	3
98-99	6	4.3L	Rear	2014792			3
96-97	6	4.3L		2014792			3

YR/YRS	CYL	LITER	DESCRIPTION	DIRECT FIT STANDARD SERIES	DIRECT FIT PROFESSIONAL SERIES	UNIVERSAL	FT
92-94	6	4.3L	Code "W"			2900225	3
91-92	6	4.3L	Code "Z"			2900225	3
OLDSMOBILE SILHOUETTE							
93-94	6	3.1L				2900224	3
90-92	6	3.1L				2900224	3
02-04	6	3.4L	2WD			2822225	3
2001	6	3.4L				2822225	3
97-00	6	3.4L				2820124	3
1996	6	3.4L				2822225	3
93-95	6	3.8L				2900224	3
PLYMOUTH B-VAN							
80-83	8	5.2L	Rear			2900225	3
80-83	8	5.2L	Main & Pre-Cat			2900225	3
80-83	8	5.9L	Rear			2900225	3
80-83	8	5.9L	Main & Pre-Cat			2900225	3
80-81	8	All	w/o Pre-Cat			2900224	3
75-79	8	All				2500225	3
PLYMOUTH TRAILDUSTER							
1980	6	3.7L	Rear			2900224	3
75-80	8	5.2L				2900225	3
75-80	8	5.9L				2900225	3
1976	8	6.6L				2400225	3
80-81	8	All	2WD, Rear			2900225	3
80-81	8	All	4WD, Rear			2900225	3
PLYMOUTH VOYAGER / GRAND VOYAGER							
01-03	4	2.4L				2821124	3
96-97	4	2.4L		2014967			3
96-00	4	2.4L	Voyager	2014967			3
92-95	6	3.0L				2900224	3
96-00	6	3.3L		2014967			3
94-95	6	3.3L	AWD			2900225	3
94-95	6	3.3L	(Exc. AWD or Flexible Fuel)			2900224	3
91-93	6	3.3L	AWD			2900225	3
97-99	6	3.8L	Voyager	2014967			3
96-99	6	3.8L		2014967			3
94-95	6	3.8L	AWD			2900225	3
94-95	6	3.8L	(Exc. AWD or Flexible Fuel)			2900224	3
PONTIAC AZTEK							
01-05	6	3.4L	AWD	2054274		2820124	3
PONTIAC MONTANA							
02-05	6	3.4L	2WD			2822225	3
2001	6	3.4L				2822225	3
99-00	6	3.4L				2820124	3

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05-06	6	3.5L	FWD	2014429		2820325	3
PONTIAC TORRENT							
2006	6	3.4L				2822225	3
06-09	6	3.4L		2014357			3
PONTIAC TRANS SPORT							
93-95	6	3.1L				2900224	3
90-92	6	3.1L				2900224	3
97-98	6	3.4L				2820120	3
1996	6	3.4L				2822225	3
93-95	6	3.8L				2900224	3
SATURN OUTLOOK							
07-10	6	3.6L	Front	2014572			3
07-10	6	3.6L	Rear	2014573			3
SATURN RELAY							
05-06	6	3.5L	FWD			2820325	3
2006	6	3.9L	FWD			2820325	3
SATURN VUE							
02-06	4	2.2L		2014290			3
04-07	6	3.5L	Front, Left	2061250			3
04-07	6	3.5L	Front, Right	2061251			3
SUBARU BAJA							
03-06	4	2.5L	Naturally Aspirated	2094181			3
SUBARU BRAT							
84-87	4	1.8L	(Exc. Turbo), Rear			2200120	3
SUBARU FORESTER							
1998	4	2.5L	Rear		2094367	2821220	3
99-05	4	2.5L	Naturally Aspirated	2094181			3
SUZUKI RENO							
06-08	4	2.0L				2821120	3
SUZUKI SIDEKICK							
96-98	4	1.6L		2014174		2014174	3
96-98	4	1.8L		2014174		2014174	3
SUZUKI VITARA							
99-02	4	1.6L		2014174		2014174	3
99-03	4	2.0L		2014174		2014174	3
SUZUKI X-90							
96-98	4	1.6L		2014174		2014174	3
SUZUKI XL-7							
02-03	6	2.7L	4WD, Auto. Trans., Federal Emissions, Rear Main Conv.			2822225	4
TOYOTA HIGHLANDER							
06-07	6	3.3L	Front	2051114			3
06-07	6	3.3L	Rear	2051119			3
04-05	6	3.3L	Front	2051114			3
04-05	6	3.3L	Rear	2051119			3
01-03	6	3.0L	Front, Rear, Rear Main			2821120	3

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01-03	6	3.0L	Front	2011032			3
01-03	6	3.0L	Rear	2051033			3
TOYOTA LAND CRUISER							
81-87	6	4.2L				2900224	3
TOYOTA 4RUNNER							
88-95	6	3.0L			2050002	-	3
99-02	6	3.4L	Front	2051053			3
99-02	6	3.4L	Rear, California Emissions	2059153			3
TOYOTA PICKUP (ALL MODELS Exc. TACOMA & TUNDRA)							
89-92	4	2.4L	(Exc. 4WD Cab Chassis)		2050002	2200124	3
84-95	4	2.4L	(Exc. Diesel & California Emissions)		2050001	-	4
88-95	6	3.0L			2050002	2200124	3
93-94	6	3.0L	T-100 Models			2900224	3
TOYOTA RAV4							
01-03	4	2.0L		2054293			3
96-97	4	2.0L	Rear			2820224	3
TOYOTA SIENNA							
01-03	6	3.0L	Rear	2059095		2821124	3
01-03	6	3.0L	Center	2059094			3
99-00	6	3.0L	With California Emissions, Main (Not for use in California)			2821124	5
98-00	6	3.0L	Federal Emissions	2054590			3
04-06	6	3.3L	Front	2051114			3
04-06	6	3.3L	FWD, Rear	2051127			3
04-06	6	3.3L	Rear	2051119			3
TOYOTA SEQUOIA							
01-04	8	4.7L	Left			2820124	3
01-04	8	4.7L	Right	2059134		2820124	3
TOYOTA TACOMA							
01-04	4	2.4L	Rear	2059240			3
99-04	4	2.4L	Front	2051040		-	3
99-00	4	2.4L	With California Emissions, Rear (Not for use in California)	2059240			3
98-01	4	2.4L	With California Emissions (Not for use in California)			2821120	5
95-00	4	2.4L			2050001	-	3
05-10	4	2.7L	Front or Rear			2821124	3
01-04	4	2.7L	Rear	2059240			3
98-01	4	2.7L	With California Emissions (Not for use in California)			2821120	5
2000	4	2.7L	Rear, Federal Emissions		2050003	-	4
2000	4	2.7L	With California Emissions, Rear (Not for use in California)	2059240			3
95-99	4	2.7L			2050003	-	3
01-04	6	3.4L	Rear		2050005	2821124	3
01-04	6	3.4L	Front		2050004	-	3

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2000	6	3.4L	Rear, Federal Emissions		2050003	-	4
2000	6	3.4L	Rear, California Emissions		2050005	2821124	5
2000	6	3.4L	Front, California Emissions		2050004	-	5
95-99	6	3.4L	Rear		2050003	-	3
TOYOTA TUNDRA							
01-04	6	3.4L	Front		2050004	-	3
2000	6	3.4L	Front, California Emissions		2050004	-	5
05-06	8	4.7L	Right		2050009	2821120	3
2004	8	4.7L	Left, Built BEFORE 08/04		2050006	-	3
2004	8	4.7L	Right, Built AFTER 08/04		2050009	2821120	3
2004	8	4.7L	Left, Built AFTER 08/04		2050008	-	3
04-06	8	4.7L	Left, Built AFTER 08/04			2820120	3
00-03	8	4.7L	Left		2050006	-	3
00-02	8	4.7L	Right		2050011	-	3
TOYOTA VAN							
84-85	4	2.0L			2050001	-	3
86-87	4	2.2L			2050001	-	3
VOLKSWAGEN RABBIT PICKUP							
80-83	4	All				2220120	3
VOLKSWAGEN EUROVAN							
93-95	4	2.5L				2900224	3
VOLKSWAGEN ROUTAN							
09-10	6	3.8L		2034441			3
VOLKSWAGEN VANAGON							
83-85	4	1.9L				2220120	3
80-83	4	2.0L				2220120	3
86-91	4	2.1L				2220120	3
77-79	4	All	w/12" Conv.			2220120	3



2000120



2000124



2000125



2000130



2010001



2010003



2010004



2010007



2010008



2010009



2010010



2010012



2010013



2010014



2010015



2010016



2010017



2010018



2010019



2010020



2010021



2010022



2010023



2010024



2010025

**PHOTO INDEX FOR PASSENGER, TRUCK, VAN,
AND SUV APPLICATIONS**

FLOWMASTER^{INC.}
THE EXHAUST TECHNOLOGY COMPANY[®]



2010026



2010027



2010028



2010029



2010030



2010034



2010036



2010043



2010044



2011032



2011069



2014015



2014174



2014205



2014246



2014284



2014290



2014299



2014316.



2014339



2014341



2014357



2014376



2014405



2014429



2014483



2014546



2014547



2014572



2014573



2014618



2014619



2014728



2014792



2014850



2014854



2014863



2014864



2014876



2014877



2014890



2014967



2019019



2019109



2019110



2019189



2019216



2019267



2019988



2019998

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2020005	2020006	2020007	2020008	2020013
				
2020014	2020017	2020018	2020023	2020025
				
2020026	2020027	2020031	2020040	2020041
				
2020042	2020049	2020050	2020053	2020054
				
2020056	2020057	2021023	2021044	2021084



2021085



2021105



2021185



2021249



2021252



2024184



2024185



2024372



2024391



2024392



2024400



2024420



2024421



2024490



2024582



2024634



2024803



2024865



2024888



2025002



2029008



2029057



2029112



2029144



2029173

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2029191	2029244	2029248	2029249	2029255
				
2029256	2029257	2029263	2029264	2029314
				
2029352	2029408	2029422	2029423	2029985
				
2030001	2030002	2030004	2030005	2030006
				
2030007	2030008	2030009	2030010	2030012



2030013



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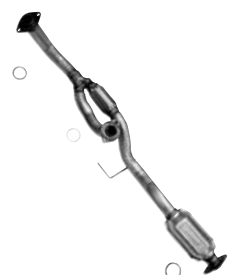
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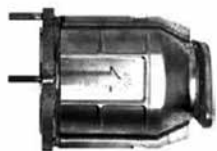
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CATALYTIC CONVERTER

INFORMATION AND DIAGNOSTIC MANUAL

Contents

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Catalytic Converter general information

Section Two:

General guidelines, non-OBD II systems

Section Three:

OBD/OBD II systems

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IM 240 or equivalent testing

Section Five:

EPA rules/regulations

CATALYTIC CONVERTERS

A catalytic converter is a device that chemically changes the harmful components of Internal Combustion engine exhaust into harmless gasses.

A converter is made up of several parts.

1. SUBSTRATE - serves as the internal structure to which the catalyst washcoat and noble metals are deposited upon. It is through this substrate that the engine exhaust flows through, or comes in contact with, to have a chemical reaction.

a. PELLET TYPE - small ceramic pellets are treated with washcoat and noble metals. They are held in place inside the converter body in a cage. The exhaust gas passes over them. There could be a couple of hundred thousand pellets in the average converter. The main disadvantage of this converter is the high exhaust back pressure.



b. CERAMIC MONOLITH TYPE - Also known as the honeycomb type. This ceramic type substrate has thousands of small channels through which the exhaust gas flows. This piece of ceramic is treated with the washcoat and noble metals.



c. METALLIC FOIL SUBSTRATE - This type of substrate uses wound or stacked metal foil on to which the washcoat and noble metals are deposited. The exhaust gas flows through this substrate. This type has many advantages over ceramic, such as, being able to be made into shapes that cannot be easily done with ceramic.



d. CERAMIC FOAM - This type of substrate is composed of ceramic solution on foam. It is then fired in a kiln to develop the multi-pore design seen in this photo. This substrate is then treated with washcoat and noble metals. As the exhaust gasses flow through it, the catalytic reaction takes place.



In addition, there are some other substrate designs that use screen, metal foam, wire wound elements, and even ceramic fiber elements. These types are currently not used in automotive applications.

2. WASHCOAT - This is a chemical formulation that is comprised of high surface area alumina and other compounds, such as, cerium, zirconium, nickel, barium and lanthanum. Its purpose is to extend the physical surface area of the substrate, and to act as a surface onto which the noble metals are deposited. It also acts to store the excess oxygen in the system so it can be used when needed.



3. NOBLE METALS - These are the commonly used elements; platinum, palladium and rhodium, and are deposited onto the washcoated substrate. These metals are what serve to cause the catalytic reaction.



The definition of a catalyst is: a material which increases the rate of a chemical reaction while it is treated during the noble metal and washcoat process, it passes through an oven process which removes excess water and calcines in the substrate. This means it removes all traces of the chemical carriers which are used to deposit the noble metals during the preparation of the catalyst.

4. SHELL - This is the stainless steel enclosure which the substrate is contained in.

5. INNERAM - This is a ceramic fiber based material which is wrapped around the ceramic substrate. It acts as a vibration cushion, as a seal to prevent exhaust gas from by-passing the substrate, and as an insulator to keep the heat from the substrate from transferring into the shell. Some types of inneram can also be made of stainless wire or silica materials. Generally, as a rule, metallic type substrates do not use inneram.

6. HEAT SHIELD - This is used to prevent the heat of the catalyst from causing any damage or fires to the under body or components of the vehicle.

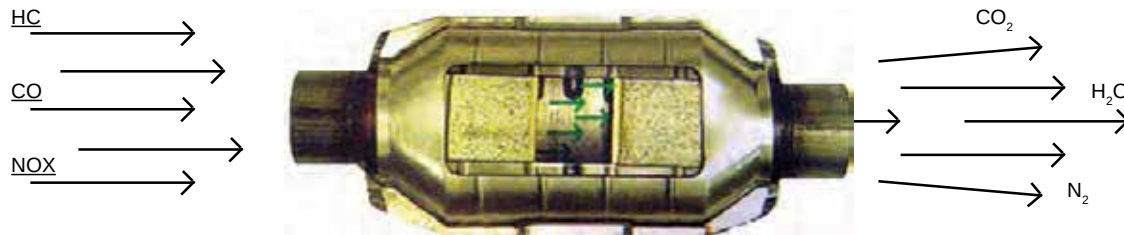
7. END PIPES - The stainless steel tubes used to connect the catalytic converter to the vehicles' exhaust system.



HOW DOES THE CONVERTER WORK?

As the exhaust flows through the substrate inside the converter housing, the catalytic reaction takes place.

As the pollutants like NO₂ (nitrogen oxide), HC (hydro carbon) and CO (carbon monoxide) pass through the substrate they are converted into less harmful compounds such as CO₂ (carbon dioxide), H₂O (water) and N₂ (nitrogen). This conversion starts at temperatures around 250⁰ Celsius.



RULES REGARDING THE DEVELOPMENT OF AFTERMARKET CATALYTIC CONVERTERS.

Rules for the development of converters that satisfy EPA requirements are set forth in the Federal Register. Briefly, the rules state that the converter manufacturer must submit two catalyst samples to an independent laboratory, who will accumulate 25,000 miles or its equivalent, on each of the catalysts. The catalysts are then tested for emissions performance and must convert a minimum of 70% Hydrocarbons and Carbon Monoxide and 30% NOX on a worst case vehicle. A worst case vehicle is defined as having the largest engine displacement and heaviest test vehicle weight that the converter manufacturer intends to cover with the catalyst.

Currently, the United States EPA requires the aftermarket converter manufacturer to warranty that the converter will not cause the MIL (check engine light) to illuminate within the 25,000 mile required warranty period of the substrate that has met all the prior EPA requirements.

THE BASICS OF VEHICLE EMISSION SYSTEM TROUBLESHOOTING

A customer walks into your shop, his car is stalling and will not run above 20 mph. You check the car out and tell him the catalytic converter is bad and you replace it. Off he goes, but did you really fix his problem? Was the old converter melted down and plugged? Why had it failed? Will the customer come back with the same problem? Did replacing the converter really fix the problem or just remedy it temporarily? This booklet will try to help you answer these questions and give you some direction in diagnosing and repairing emission system failures.

CONVERTERS: WHAT DO THEY DO?

A catalytic converter is a device located in the exhaust system of all cars and most light trucks produced since 1975. It chemically changes pollutants like carbon monoxide, hydrocarbons and nitrogen oxide into harmless substances like carbon dioxide, nitrogen and water vapor. A converter uses an inside structure called a substrate that is plated with precious metals such as platinum, palladium and rhodium. These elements cause the chemical change.

TESTING OF CONVERTERS

THE THUMP TEST:

Thump the converter with your fist. If it is a monolith type and you hear pieces moving around inside the converter, chances are the substrate has come apart. If it is a pellet type, you should hear pieces moving when you hit it. If you do not, chances are the pellets have melted together.

THE VACUUM TEST:

By using a vacuum gauge, you can tell if the converter is plugged. Connect the gauge to a manifold vacuum source and quickly move the throttle to midway of its travel, then let it snap back to idle. A proper vacuum reading will be about 15-20 in Hg at idle. When you quickly accelerate the engine, it will drop to zero. When you release the throttle, it will quickly return to its proper idle reading. If there is a long delay in return of the proper vacuum reading, it is a good indication of a restricted exhaust; most likely a plugged converter.

THE TEMPERATURE TEST:

For this test you will need a digital pyrometer. To commence testing, run the vehicle at a high rpm for two minutes (about 2000 rpm). This needs to be done to ensure that the converter has had time to activate. Touch the probe of the pyrometer to the front of the converter and note temperature. Touch the probe to the rear of the converter and note

temperature. There should be a noticeable difference between the two temperatures, with the rear temperature being hotter. If the rear temperature is not hotter than the front, the converter is not working properly.

THE BACK PRESSURE TEST:

This test will require a back-pressure gauge. An inexpensive back-pressure gauge can be made from a small pressure gauge that reads from 0 to 30 psi, a piece of vacuum tubing and a small 1/8" O.D. piece of copper tube is inserted into. A back-pressure gauge may also be purchased from numerous sources, pre-made.

To use the back-pressure gauge, drill a 1/8" hole in the exhaust pipe at the front of each converter. With the engine running, check the back pressure. The back pressure should be no more than 4 to 5 psi. This reading is with the throttle partly open at 2500 rpm. When checking exhaust back pressure, be sure to check at the inlet and outlet of each converter or exhaust component tested. A reading of 1/2 to 2 psi is normal.

By using a plug with the same thread as an oxygen sensor, you can remove the O2 sensor, install the plug into the hole and connect it to your back-pressure gauge. To do this, you will need to obtain a plug with an 18mm x 1.25 thread. This plug may be purchased at any auto parts store under the name of Spark Plug Non Fouler Adapter. You will then need to fix a small piece of 1.8" O.D. tube to the back side of the plug. This will serve as a way to connect it to your gauge by the vacuum hose.

EXHAUST GAS ANALYZER TEST:

A gas analyzer will tell you if the converter is functioning properly. By checking your CO (carbon monoxide) reading, you will be able to tell if the system is operating rich. Hooking up the machine differs according to the model and brand of analyzer being used. Consult the analyzer manual for instructions. Once you have determined that the converter has failed, the next step should be to find out why it failed. As a rule of thumb, the following will usually be correct over 95% of the time: if the tail pipe reading shows that hydrocarbons (HC) are higher than 125 ppm, but less than 400 ppm and carbon monoxide (CO) is greater than 0.3% and oxygen (O2) is greater than 0.4%, the converter is most likely defective.

TESTING OF CONVERTERS

You remove a defective converter from a car and it has melted down. What could have caused the converter to melt down? A step by step approach is needed to find the answer; so let's start at the beginning:

FUEL:

Unleaded fuel must be used in vehicles with a catalytic converter. Using leaded fuel will cause the converter to become plugged and inoperative. Also, some gas additives can damage a converter. Always check the instruction label of any additive added to your fuel system to be sure that it is converter safe!

OXYGEN SENSOR:

This sensor sends information to the ECU (Electronic Control Unit) to maintain proper air/fuel mixture. It is located either in the exhaust manifold, pipe or catalytic converter. As an oxygen sensor operates, it checks to see if oxygen is present in the system. If no oxygen is detected, this would indicate a rich mixture and the oxygen sensor will read about 900mV (millivolts). When excessive amounts of oxygen are present, the sensor voltage will read about 100mV. Rich mixtures mean high readings, lean mixtures mean low readings. Please note that the exhaust temperature must be at least 600 degrees Farenheit for the sensor to operate. The measurements should only be taken with a multimeter that has a 10 meg ohm impedance rating. Failure to follow this rule may cause you to replace the vehicles ECU. A properly functioning sensor will oscillate between 900mV and 100mV every few seconds. You can measure this with your multimeter. If the reading does not oscillate or stays fixed, the sensor is defective. Also, note that silicone, from either antifreeze or RTV (silicone) sealant, can clog an oxygen sensor and make it defective. If the vehicle has a coolant leak into the combustion chamber, the sensor should be replaced. When using a silicone sealer, make sure it is oxygen sensor safe. Consult the last pages of this catalog for wiring information on O2 sensors. Also note, there are two types of oxygen sensors. The Zirconia, the most common type, works by generating a voltage. The Titania type works by varying its resistance.

**IGNITION SYSTEM:**

Many parts are used in the ignition system. This system delivers the voltage or spark to the appropriate cylinder to fire the engine. Any of the following problems can cause the converter to fail or be damaged; fouled spark plugs, bad spark plug wires or carbon tracked distributor cap. Make sure all spark plugs and wires are firing properly. A misfiring plug not only wastes gas, but it makes the mixture rich. In time this will ruin the converter. Be sure to check distributor timing and vacuum advance for proper operation.

**CARBURETOR SYSTEM:**

A carburetor is a device that mixes gasoline with air and delivers it into the intake manifold for the engine to burn. If a carburetor is worn or defective, it may be the cause of a converter failure. Problems such as improper float adjustments, air/fuel mixture adjustments, out of



spec or worn metering rods can cause damage to the catalyst. Also, check the choke system to make sure it is operating properly and if the carburetor is an electronic feed-back model, make sure all adjustments are made according to manufacturer specs. Also make sure all feedback sensors and electronic components, such as mixture control solenoids, throttle position sensors and throttle holding solenoids are operating and are within specs.

FUEL INJECTION SYSTEM:

Problems in the fuel injection system can also cause problems with the converter. Fuel injection systems differ greatly. Basically, a fuel injection system uses small electronically controlled solenoids that deliver or inject fuel into the throttle body, or into the intake part of the engine. These little solenoids are controlled by a computer which obtains information from various sensors located throughout the engine. These sensors help the computer to determine how much fuel to inject. If an injector is leaking internally or dribbling fuel into the engine, it may damage the converter. If the oxygen sensor is defective or the map sensor is bad, this can lead to converter damage. If the injection system uses a cold start injector (which is a small injector that is used to richen the mixture by injecting fuel into the intake air stream when the engine is cold) and it is leaking or dripping, or if its temperature sensor is not operating properly, this too, can damage the converter. Because of the many different injection systems used, consult the proper manual when diagnosing this system.



MASS AIR FLOW SENSOR:

This sensor measures the volume of intake air. It is tested with a special tester or a computer scan tool. If it is defective, it can cause problems such as rough idles, no start and poor fuel economy.



Most of the previously talked about systems and devices can be tested with the use of a scan tool. There are many types of this tool, so please consult tool makers information for proper hookup. While some of these tools are expensive, they are well worth the cost when you realize how useful they are.

MAP SENSOR:

This sensor tells the ECU how much air is entering the engine as well as the load on the engine. It also monitors barometric pressure. When this sensor fails it can cause a rich condition which can damage the converter. Because testing of these sensors vary between make and model, consult the manual before testing.

Generally there are two types; the voltage type and the frequency type. To check the voltage type you would use a volt meter and a vacuum pump. To check the frequency type you would use a tach and a vacuum pump.



CANISTER PURGE VALVE:

This vacuum-operated valve vents fuel vapors from the carburetor bowl to the charcoal canister. If the diaphragm becomes ruptured, the charcoal canister will flood and the mixture will become very rich and can damage the converter. To check the valve, disconnect the hoses to see if any gas comes out of the hoses or valve. If there is gas, the valve should be replaced.

**AIR INJECTION SYSTEM:**

Air Pumps - Air pumps operate from the vehicle engine through a belt. This pump supplies the air injection needed at the catalyst and at the air manifolds. Generally, when this component goes bad, it stops turning, breaking its belts or it just becomes very noisy. If the pump won't turn and the belt is broken off, it is defective. The air injection system as a whole aids in the control of carbon monoxide.

Air Manifolds - Air manifolds direct air into the exhaust manifolds to aid in reduction of CO. When they go bad it is usually obvious due to the loud exhaust noise coming from under the hood. Check the air manifolds to make sure they are free of rust out or corrosion when cool.

High Temperature Hose - This hose routes air from the air pump and diverter valve to the air manifolds and check valves. If this hose is found to be burnt, check the exhaust check valve that is in that hose; it may be defective.

Check Valves - These valves allow air to pass to the various components (ie. air manifolds, converter). They should only allow the air to pass in one direction. If air passes freely in both directions, the diaphragm is ruptured and the valve is no good. This failure can lead to damage of the air pump, diverter valve or the high temperature hose if left unchecked. If hoses are melted or components like the air pump or the diverter valve are damaged, check the exhaust check valves.

Converter Air Tubes - These tubes route air into the catalyst to help aid in the oxidation process. Check to make sure it is connected and that it is not rusted through.

**DIVERTER VALVE:**

This valve helps to route air to the exhaust manifold or catalytic converter to assist in maintaining proper emissions. Operation should be checked and a manual should be consulted regarding proper test procedures.



EGR SYSTEM:

This system routes small amounts of exhaust gasses back to the intake manifold to reduce oxides of nitrogen or NOX. Systems vary by design, so you need to consult the proper manual for the vehicle you are working on. Some newer systems also use an EGR valve position sensor. If the exhaust system you are working on has one, it must be checked also. While a bad EGR system will not lead to a converter failure, it might be the reason why the vehicle has a NOX problem. The EGR valve should be checked according to the vehicle manufacturers procedure to determine if it and its system components are functioning properly. Make sure the valve moves when vacuum, pressure or electric signal are applied and that the passages are open and not plugged with carbon. Also, check any switches, relays or solenoids that are used. Generally, the EGR valve can be checked with a vacuum pump. However, some late 1970's Ford EGR valves worked by air pressure supplied by the air pump. Some EGR valves operate with positive or negative exhaust back pressure. Also, be aware that some EGR valves are totally electronic. Always consult a service manual for proper service and test procedures.

**IDLE SPEED CONTROL MOTOR:**

This device helps the computer controlled engine to maintain proper idle speed. When this device goes bad, it can cause erratic idle speed, stalling, hesitation or engine run-on. This device can be checked with a 9 volt power source and an OHM meter. Consult your vehicle service manual for proper wiring diagram and test procedure.

**AIRTEMP SENSOR:**

This sensor is sometimes called a Manifold Temperature sensor or an Air Charge Temperature sensor. It monitors the temperature of the intake air, and if defective, it causes a problem of poor overall performance, heavy black exhaust smoke and bad fuel economy. It is tested with an OHM meter.

**COOLANT TEMPERATURE SENSOR:**

This sensor is located on either the water outlet or the engine block. It monitors engine coolant temperature. The computer uses this information to control idle speed, timing and fuel mixture. If this sensor goes bad, it can cause heavy black exhaust smoke, surging or poor fuel economy. To test this sensor, with the engine cold, disconnect the sensor wire harness. With an OHM meter, measure the resistance across the sensor, then reconnect the sensor harness and run the engine for 3 to 5 minutes until it reaches normal operating temperature. Disconnect the wire harness and again measure resistance across sensor. If the difference between cold and hot readings is less than 200 OHMs, the sensor is defective.



POSSIBLE EXHAUST EMISSION DEVICE PROBLEMS AND CAUSES

BLACK EXHAUST SMOKE

- *Oxygen Sensor
- *Coolant Temp Sensor
- *Map Sensor
- *Air Change Sensor

STRONG EXHAUST SMELLS

- *Catalytic Converter
- *Map Sensor
- *Air Change Sensor

MELTED CONVERTER

- *Oxygen Sensor
- *Fuel System Problems
- *Ignition Problems
- *Map Sensor
- *Vehicle Overload

CONVERTER PROBLEM FLOW CHART

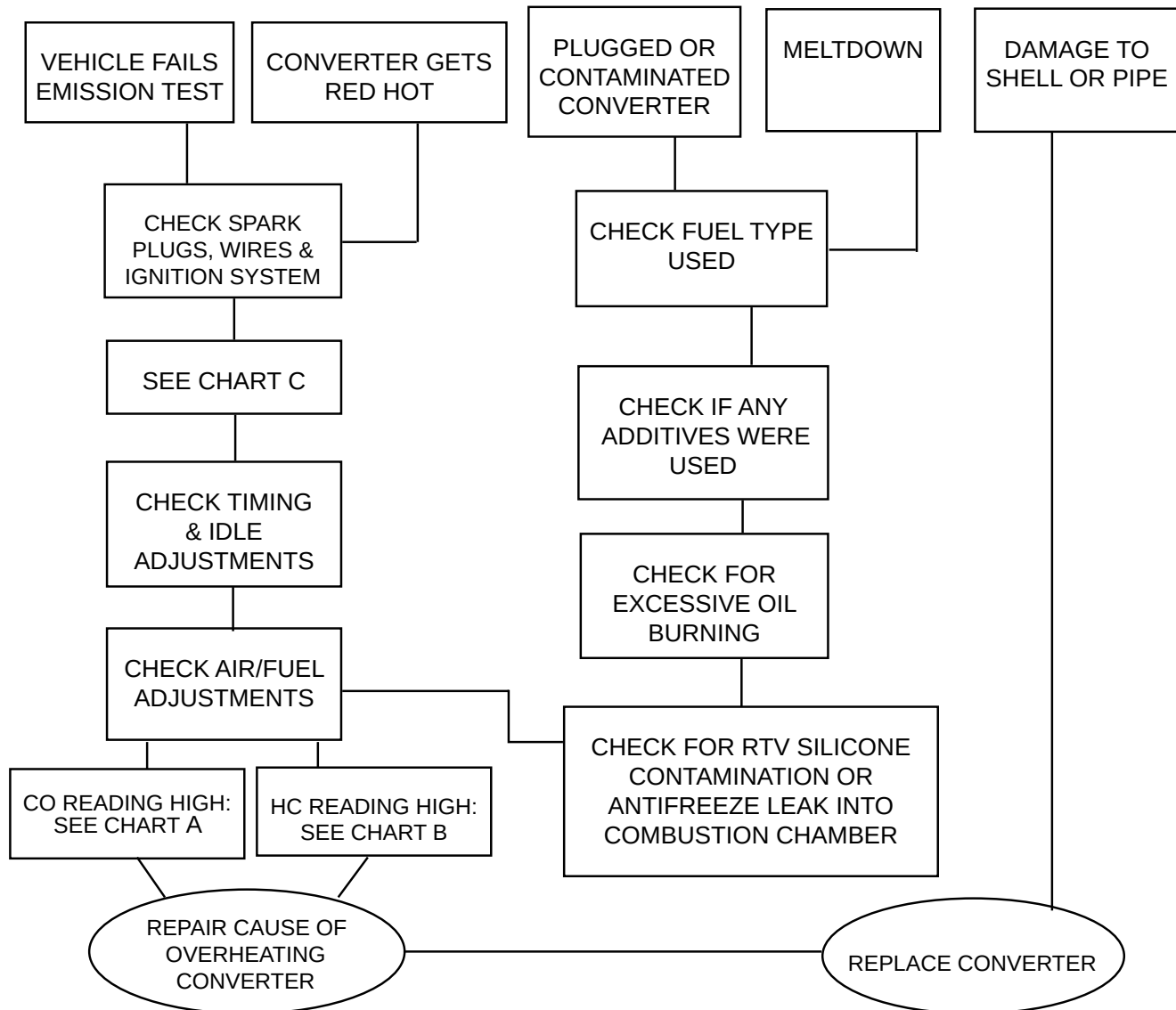


CHART A	CHART B	CHART C
POSSIBLE HIGH CO READING CAUSES	POSSIBLE HIGH HC READING CAUSES	FAULTY IGNITION COMPONENTS THAT CAN DAMAGE A CONVERTER
~ Improper idle speed or mixture ~ Inoperative air pump or air injection ~ Inoperative choke ~ Faulty PVC ~ Improper timing ~ Faulty gas check valve ~ Faulty O ² sensor ~ Fuel system malfunction ~ Faulty converter	~ Ignition system malfunction ~ Vacuum leak ~ Fuel system malfunction ~ Engine mechanical damage - worn rings or burnt valves ~ Faulty O ² sensor ~ Faulty canister purge valve ~ Overly rich fuel mixture ~ Faulty converter ~ Faulty PVC valve	~ Cracked distributor cap ~ Faulty coil ~ Faulty spark plug wires ~ Fouled plugs ~ Faulty rotor

OBD II: WHAT IS IT?

OBD II refers to the On Board Diagnostics generation two. This is a system that has the ability to test its various components and systems and tell the driver when a fault has been detected that will cause the vehicle to put out excessive emissions. This system first became available on passenger cars in the 1995 model year and 1996 for light trucks with a gross vehicle weight of under 8500lbs.

WHAT CAN THE SYSTEM DETECT?

The system has the ability to detect malfunctions in many engine systems that can cause excessive emissions. Let's look at the individual system checks or monitors and how they work. The OBD II system uses different monitors. These monitors are divided into three types:

1. Comprehensive Component Monitor
2. Continuous Monitor
3. Non Continuous Monitor

The Comprehensive Component Monitor runs electrical tests on all of the sensors to ensure that they perform. It tests the sensor range and also does rationality tests. This test ensures that the sensor output makes sense or are rational when compared to each other.

NTK Sensor Shown

Gray Wire, Sensor Ground
Black Wire, Sensor Signal
White Wire, Heater Circuit

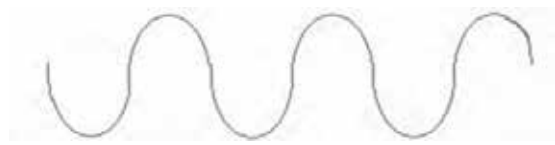


OXYGEN SENSOR SYSTEM MONITOR

The O₂ sensors are monitored or checked for proper reference signals and to make sure that the heater circuit is functioning. O₂ sensors that are located before the catalytic converter are tested for high and low voltage thresholds and for switching frequency. The switching frequency test will count the number of times that the signal voltage goes beyond the mid point of 450 millivolts during a specified time frame and compares this figure with the information stored in the vehicles computer. The system will also count the rich to lean transition and the lean to rich transition. This, again, is checked against the time stored in the vehicles computer. For universal O₂ wiring information, please see the O₂ sensor section of this catalog.

THE CATALYTIC CONVERTER MONITOR

The vehicles O₂ sensors are used to determine catalytic converter efficiency. All the oxygen sensors located before the catalytic converter show a voltage pattern on an oscilloscope of a wave form having many peaks and valleys. These peaks and valleys are the varying voltages of the oxygen sensor signaling rich and lean air/fuel ratios. This type of wave form is proper for the O₂ sensors that are located before the catalytic converter.

EXAMPLE
PATTERN

The voltage is generated by a sensor that has a probe assembly which contacts the exhaust stream. This probe assembly is made up of a compound called zirconium dioxide, which is an electrically conductive material that can generate small voltages when in contact with oxygen. The probe tip is also coated with platinum to aid in this process.

The downstream, or after converter, oxygen sensors measure the amount of oxygen present in the exhaust after the converter. Generally, the wave form of a system with a properly operating catalyst will show little or no voltage fluctuation on an oscilloscope.

EXAMPLE
PATTERN

The catalytic converter is comprised of an internal substrate onto which a chemical washcoat is placed. It extends the geometric surface area of the substrate and also acts as an absorbing or storing material for oxygen in the exhaust. On to this substrate the precious metals are impregnated that cause the catalytic reactions with the pollutants.

Ceramic Monolith
Substrate shown



When the engine burns a lean air/fuel mixture, high amounts of oxygen from the exhaust stream flow through the substrate of the catalytic converter. The washcoat on the substrate absorbs this excess O₂ and stores it for use during rich air/fuel mixtures when it is released to help in the oxidation process.

A properly functioning catalytic converter downstream, or after converter oxygen sensor, will show little or no fluctuation in voltage. If catalytic converter degradation occurs affecting the oxygen storage capacity of the washcoat, a fluctuating voltage signal will be sent to the vehicle's computer which will in turn illuminate the (MIL) Malfunction Illumination Light. This will notify the driver of a problem. The vehicle's computer has an algorithm stored in it which allows the computer to determine converter efficiency by the amount of oxygen absorbed. The catalyst monitor is a Non Continuous Monitor. This type runs one time per drive trip.

THE FUEL SYSTEM MONITOR

The fuel system monitor controls fuel trim to the engine. The vehicle's computer allows for fine tuning of the air/fuel ratio. The computer actually stores information on fuel trim and compares this to a pre-programmed based fuel calculation. Fuel trim can be

divided into two types; Long Term fuel trim and Short Term fuel trim. The Short Term fuel trim applies to the function of temporary or short term changing of the fuel deliver. Short Term fuel trim can only happen in closed loop operation. Long Term fuel trim applies to the long term effects of the Short Term fuel trim corrections. In simple terms, the vehicles computer will add or subtract fuel from the programmed based calculation in accordance with the signals received from the vehicles oxygen sensors. The computer tries to maintain the air/fuel ratio at 14.7:1. This is the air/fuel ratio referred to as the Stoichiometric Ratio. Fuel trim information can be monitored through the Data Link with a scan tool. The scan tool will monitor fuel trim in terms of percentage from 1-100.

THE EVAPORATIVE EMISSIONS SYSTEM

The EVAP system monitors tests for leaks in the Evaporative Emissions System. The vehicles computer checks the EVAP, which is the system where hydrocarbon vapors emitted from the gasoline, or the fuel system, are stored into a canister that is loaded with activated charcoal. The system monitor is generally comprised of two components; a purge valve and a fuel tank pressure sensor. In most applications the monitor system will close the EVAP system off from the atmospheric pressure and will open the purge valve during vehicle cruise down. The fuel pressure sensor in the fuel tank then checks the rate at which a vacuum increases in the EVAP system. This information is then used by the vehicles computer to determine purge flow rate or volume. Remember, the function of this system is to store hydrocarbon vapors into the charcoal canister and then purge them into the engine, generally through the intake manifold, via a hose that connects the two points. The purge valve opens at the proper time to allow this to happen. The EVAP monitor also checks the system for fuel leaks. It does this by closing the purge valve completely which in turn causes the system to be completely closed. The pressure sensor in the fuel tank then checks the leak down rate. If the rate is greater than the value stored in the vehicles computer, a leak is determined to exist, and the MIL will be illuminated. The EVAP monitor is another Non Continuous Monitor.

THE EGR SYSTEM MONITOR

The EGR monitor works by performing tests which open and close the EGR valve and measure the voltage signal sent by the EGR valves position sensor. The computer compares these signals to the ones that are stored in the computer, and uses these figures to determine exhaust gas flow an efficiency. If a problem is detected, the MIL will illuminate.

SECONDARY AIR INJECTION MONITOR

This system checks the function of the secondary air injection system components. The diverter valve and bypass valve are checked for proper function. If the system uses an electronically drive air pump, instead of the common engine belt driven type, it checks this also. The upstream converter oxygen sensors are used to check the exhaust to

detect the excess oxygen that will be present in the exhaust. This will determine if there is air flow from the air pump. If a malfunction is indicated, the MIL will illuminate.

MISFIRE MONITOR SYSTEM

This system monitors and detects misfire on a cylinder by cylinder basis. The system does this by using the crankshaft position sensor to detect a slowdown in crankshaft speed caused by a misfiring cylinder. Not only can the system detect a misfire, it can also isolate and determine which cylinder misfired. This is done through the vehicles computer monitoring sensor signals; not only from the crankshaft position sensor, but also the camshaft position sensor. If a misfire occurs, excess hydrocarbons can be released into the exhaust gas which can damage the catalytic converter. When the computer detects a misfire it will illuminate the MIL. The Misfire Monitor is a Continuous Monitor type. It monitors a system constantly and is very important to the OBD II system.

HOW CAN THE OBD II SYSTEM BE USED TO DIAGNOSE EMISSION PROBLEMS?

The OBD II vehicle computer can be invaluable in diagnosing what is causing a vehicle to have emission problems and MIL illumination. This system was designed with SAE (Society of Automotive Engineers) guidelines that make the system economical and easy for all technicians to use. It uses a data connector or link in which all of the pins or connections are the same, no matter who the vehicle manufacturer is. This enables a technician to purchase one OBD II reader or scan tool and be able to use this tool on all vehicles. Another guideline called for easy access to the location of this data connector. The guidelines also called out for a standardized system of fault code identifications. This way, all vehicle manufacturers would use the same codes to show MIL illuminating DTCs (Diagnostic Trouble Codes).

HOW DO YOU USE THE DATA LINK TO DIAGNOSE PROBLEMS?

First you will need a scan tool to be able to decode or read DTCs. Inexpensive scan tools can be found at most auto parts stores. When you connect the scan tool to the data link and turn it on, it will display or read the stored DTCs. These codes appear as:

P0123

The first character in the display code identifies which system the code relates to:

B - is used for body codes

C - is used for chassis codes

P - is used for powertrain codes

The second character denotes what type of code it is:

0 - OBD II

1 - Manufacturer

2 or 3 - SAE

The third character denotes what system the code refers to:

1 or 2 - denotes fuel or air

3 - denotes ignition

4 - denotes emission control

5 - denotes speed control

6 - denotes vehicle computer or output

7 or 8 - denotes transmission

9 or 0 - denotes SAE

The fourth and fifth characters denote the part or condition that caused the problem.

The scan tools manual will identify the measuring of all displayed codes. This explanation is in a simple or abbreviated form and the scan tool manual, vehicle service manual or competent diagnostic manual should be consulted for complete explanation of the OBD II system. The system may also have capabilities to display enhanced DTC as opposed to just generic codes. So again, it is important to have not only proper tools, but service manuals, if you truly want to get to understand OBD II inside and out. The DTCs are broken down into 4 types.

Type 1 or type A - indicates a DTC that is an emission related failure, and illuminates the MIL after one trip in which the fault is detected.

Type 2 or type B - indicates a DTC that is an emission related failure, and illuminates the MIL after two trips in which the fault is detected.

Type 3 or type C - indicates a DTC that is a non emission related failure, and illuminates the MIL after one trip in which the fault is detected.

Type 4 or type D - indicates a DTC that is a non emission related failure, and illuminates the MIL after two consecutive trips in which the fault is detected.

See end of section for a list of emission related DTCs.

I FIXED THE PROBLEM, WHY WON'T THE MIL GO OFF?

Once the MIL has come on, it can be turned off with a scan tool. The MIL should only be turned off after the problem that caused it is corrected. Never disconnect the vehicles battery to try to shut the light off; doing so can cause a host of new problems for the car owner and you. Disconnecting the battery can cause simple but aggravating problems; such as a radio that will not work unless you know the security code to re-enable it; or a possible major problem, like disconnecting and reconnecting the battery that causes a voltage surge which can damage the vehicles computer. The OBD II system will reset and shut the MIL off, if after three consecutive trips the fault does not occur again. Also, make sure that the MIL bulb is good. An ECM that shows the MIL to be commanded on, but not illuminating the check engine light due to a bad bulb will fail an emission test even

if everything else is correct. Bulb replacement can be time consuming, but it is necessary. Consider the MIL bulb to be just another emission control and offer this service.

WHAT MAKES THE OBD II CATALYTIC CONVERTER DIFFERENT THAN A NORMAL OR NON OBD II CATALYTIC CONVERTER?

The main difference between the two is the oxygen storage capacity of the catalytic converter. The catalyst is comprised of three distinct parts.

1) SUBSTRATE - The structure onto which the catalytic reactants are deposited. This structure is placed in contact with the exhaust gases. The substrate can be in the form of pellets or a monolithic honeycomb. It can also be metallic or ceramic.

2) WASHCOAT - This is a solution made up of alumina and other chemicals that stabilize and promote a good catalytic reaction. This coating of chemicals also extends the geometric surface area of the substrate. This extending of the surface area is important because, as this area is increased, it allows for more space or sites in which a reaction can take place. The more areas in which a reaction can take place, the better the catalytic reaction, and the better the converter efficiency. The catalytic washcoat also stores excess oxygen from lean operating cycles and releases it for use during rich cycles.

3) NOBLE or PRECIOUS METALS LOADING - These materials, commonly Platinum, Palladium and Rhodium, are the elements that make the catalytic reaction to reduce pollutants. The definition of the word "catalyst" means that something causes a reaction without itself being consumed or changed in that reaction. The metals can be used together or by themselves. It should be noted that OEM OBD II catalysts contain an average of about twice the precious metal loading of their non OBD II counterparts.

Now that you know what comprises a catalytic converter, you can see a very important difference between OBD II and Non OBD II catalytic converters. OBD II catalytic converters must have excellent oxygen storage capacity. Other chemicals and compounds are added into the washcoat of OBD II converters to aid in this oxygen storage capacity. If the oxygen storage capacity is not good, the MIL will illuminate. Please refer back to the Catalyst Monitor section of this publication.

WHAT ARE THE PARTS OF AN OBD II SYSTEM AND HOW CAN I FIND THEM?

CRANKSHAFT POSITION SENSOR:

The purpose of this sensor is to give the engine speed to the vehicles computer so that it can send spark at the appropriate time to the right cylinder. There are three types of CKP's (crankshaft position sensors) used. The first is the Hall Effect which works by using a slotted wheel and a magnetic field, and this information is sent to the computer. The second, is the Magnetic Pulse



Generator which generates its own signal through magnetic induction. The third is the Optical Sensor. This type uses a spinning wheel or rotor, a light beam and a photo transistor. As the wheel rotates and cuts through the light beam, a signal is sent.

CAMSHAFT POSITION SENSOR:

This sensor signals camshaft position and speed and sends the signal back to the vehicles computer. This sensor is of the same type that is used for crankshaft position.



OXYGEN SENSOR:

This sensor sends information to the ECU (Electronic Control Unit) to maintain proper air/fuel mixture. It is located either in the exhaust manifold pipe or catalytic converter. As an oxygen sensor operates, it checks to see if oxygen is present in the system. If no oxygen is detected, this would indicate a rich mixture. The oxygen sensor will read about 900mV.



When excessive amounts of oxygen are present, the sensor voltage will read about 100mV. Rich mixture means high readings, lean mixture means low readings. Please note the exhaust temperature must be at least 600 degrees Fahrenheit for the sensor to operate. The measurements should only be taken with a multimeter that has a 10 meg OHM impedance rating. Failure to follow this rule may cause you to replace the vehicles ECU. A properly functioning sensor will oscillate between 900mV and 100mV every few seconds.

You can measure this with your multimeter. If the reading does not oscillate, or stays fixed, the sensor is defective. Note that silicone from either antifreeze or RTV (silicone) sealant can clog an oxygen sensor and make it defective. If the car has a coolant leak into the combustion chamber, the sensor should be replaced. When using a silicone sealer, make sure it is oxygen sensor safe. Also note, there are two types of oxygen sensors. The Zirconia (the most common type) works by generating a voltage. The Titania works by varying its resistance. Remember how many things are monitored by the oxygen sensor in the OBD II system. This is the most important part in catalyst monitoring.

NOTE: When using a universal converter in place of a direct fit, make sure the post converter O2 sensor is in the same position on the replacement, as it was on the original converter. Measure the distance from the outlet end of the converter substrate on the original unit to the O2 sensor port location. When installing the new universal converter make sure to install it so that the O2 sensor will be at the same distance in relation to the outlet end of the new substrate as the original unit was. Keep in mind that not all oxygen sensors operate the same. Consult the catalog on proper replacement sensor applications. Removal of insulation or change to the pipe (exc. insulated pipes) can cause codes pointing to a converter malfunction that is not the fault of the converter. If you are using a universal converter, please keep this in mind. If in doubt use the direct fit. Flowmaster engineers their direct fits so that any insulation is included with the direct fit assembly.

IGNITION SYSTEM:

Many parts are used in the ignition system. This system delivers the voltage or spark to the appropriate cylinder to fire the engine. Any of the following problems can cause the converter to fail or be damaged: fouled spark plugs, bad spark plug wires or carbon tracked distributor cap. Make sure all spark plugs and wires are firing properly. A misfiring plug not only wastes gas, but it makes the mixture rich, and in time, will ruin the converter. Be sure to check distributor timing and vacuum advance for proper operation. Some cars also use a system called Distributerless or Coil Pack, where the ignition coil is connected right to the spark plug and the coil is fired through the computer.

**FUEL INJECTION SYSTEM:**

Problems in the fuel injection system can also cause problems with the converter. Fuel injection systems differ greatly. Basically, a fuel injection system uses small electrically controlled solenoids that deliver or inject fuel into the throttle body or into the intake part of the engine. These little solenoids are controlled by a computer which obtains information from various sensors located throughout the engine. This sensor helps the computer determine how much fuel to inject. If an injector is leaking internally or dribbling fuel into the engine, it may damage the converter. If the oxygen sensor is defective or the map sensor is bad, this too can lead to converter damage. If the injection system uses a cold start injector (which is a small injector used to richen the mixture by injecting fuel into the intake air stream when the engine is cold) better the converter efficiency. The catalytic washcoat also stores excess oxygen from lean operating cycles and releases it for use during rich cycles. If this injector is leaking or dripping, or if its temperature sensor is not operating properly, this too, can damage the converter. Because of the many different injection systems used, consult the proper manual when diagnosing this system. The Fuel Injection System is monitored by the Fuel Monitor, another continuous monitor.

**MASS AIR FLOW SENSOR:**

This sensor measures the volume of intake air. It is tested with a special tester or a computer scan tool. If it is defective it can cause problems from rough idles to no start and poor fuel economy.



Most of the previously talked about systems and devices can be tested with the use of a scan tool. There are many types of this tool, so please consult tool maker's information for proper hookup. While some of these tools are expensive, they are well worth the cost when you realize how useful they are.

MAP SENSOR:

This sensor tells the ECU how much air is entering the engine as well as the load on the engine. It also monitors barometric pressure. When this sensor fails, it can cause a rich condition which can damage the converter.



Because testing of these sensors vary between make and model, consult the manual before testing. Generally, there are two types; the Voltage Type you would use a volt meter and a vacuum pump. To check the Frequency Type you would use a tach and a vacuum pump.

CHARCOAL CANISTER AND PURGE VALVE:

This valve vents fuel vapors from the charcoal canister into the engine. The vapors are collected into the charcoal canister from the fuel tank. The canister is located by the tank or under the hood.



AIR INJECTION SYSTEM:

Air Pumps - Air pumps operate from the vehicle engine through a belt. This pump supplies the air injection needed at the catalyst and at the air manifolds. Generally, when this component goes bad, it stops turning, breaking its belts or it just becomes very noisy. If the pump won't turn and the belt is broken off, it is defective. The air injection system as a whole aids in the control of carbon monoxide.

Air Manifolds - Air manifolds direct air into the exhaust manifolds to aid in reduction of CO. When they go bad it is usually obvious due to the loud exhaust noise coming from under the hood. Check the air manifolds to make sure they are free of rust out or corrosion when cool.

High Temperature Hose - This hose routes air from the air pump and diverter valve to the air manifolds and check valves. If this hose is found to be burnt, check the exhaust check valve that is in that hose; it may be defective.

Check Valves - These valves allow air to pass to the various components (ie. air manifolds, converter). They should only allow the air to pass in one direction. If air passes freely in both directions, the diaphragm is ruptured and the valve is no good. This failure can lead to damage of the air pump, diverter valve or the high temperature hose if left unchecked. If hoses are melted or components like the air pump or the diverter valve are damaged, check the exhaust check valves.

Converter Air Tubes - These tubes route air into the catalyst to help aid in the oxidation process. Check to make sure it is connected and that it is not rusted through.



DIVERTER VALVE:

This valve helps to route air to the exhaust manifold or catalytic converter to assist in maintaining proper emissions. Operation should be checked and a manual should be consulted regarding proper test procedures.



EGR SYSTEM:

This system routes small amounts of exhaust gases back to the intake manifold to reduce oxides of nitrogen or NOX. Systems vary by design so you need to consult the proper manual for the vehicle you are working on.



Some newer systems also use an EGR valve position sensor. If the exhaust system you are working on has one, it must be checked also. While a bad EGR system will not lead to a converter failure, it might be the reason why the vehicle has a NOX problem.

IDLE SPEED CONTROL:

This device helps the computer controlled engine to maintain proper idle speed. When this device goes bad, it can cause erratic idle speed, stalling, hesitation or engine run-on. This device can be checked with a 9 volt power source and an OHM meter. Consult the vehicle service manual for proper wiring diagram and test procedure.



AIRTEMP SENSOR:

This sensor is sometimes called a Manifold Temperature sensor or an Air Charge Temperature sensor. It monitors the temperature of the intake air, and if defective, it causes a problem of poor overall performance, heavy black exhaust smoke and bad fuel economy. It is tested with an OHM meter.



COOLANT TEMPERATURE SENSOR:

This sensor is located on either the water outlet or the engine block. It monitors engine coolant temperature. The computer uses this information to control idle speed, timing and fuel mixture. If this sensor goes bad, it can cause heavy black exhaust smoke, surging or poor fuel economy. To test this sensor, with the engine cold, disconnect the sensor wire harness. With an OHM meter, measure the resistance across the sensor, then reconnect the sensor harness and run the engine for 3 to 5 minutes until it reaches normal operating temperature. Disconnect the wire harness and again measure resistance across sensor. If the difference between cold and hot readings is less than 200 OHMs, the sensor is defective.



ENGINE COMPUTER:

ECS (Engine Control System) - PCM (Powertrain Control Module) - This is the unit that controls all the functions of the engine/powertrain. Everything from how much fuel, to the when a cylinder fires, to max engine speed, and timing, are controlled by this unit. All the signals from the various sensors are sent to this part and all commands back to the various systems come from it.



There are many other sensors used in modern vehicles such as; Detonation Sensors, Power Steering Cut Off Sensor Switches, Throttle Position Sensors, Vehicle Speed Sensors and sensors used to turn cooling fans on. Make sure you have the proper manual for the system you are working on. This booklet has only covered the main parts and systems that make the engine operate.

This booklet is intended to give you background and insight on how the OBD II system works and how to repair it. Only the proper repair manual and experience can answer all questions.

EMISSION TESTING AND OBD II:

Since most states have gone to some form of enhanced emissions testing (ie. I/M 240) let's discuss the OBD II system and how it relates to the emission test process.

The I/M 240 test is an enhanced procedure that was designed to demonstrate "real world" driving conditions. Prior to this test procedure, most states used a Static or Unloaded test where the emissions were sampled out of the tail pipe without the vehicle being under any load. The I/M 240 procedure measures vehicle emissions for HC, CO and NOX under a loaded condition. The I/M 240 is run on a Dynamometer. It takes 240 seconds. This procedure can show which vehicles are not meeting the emissions standards in a real and reliable way.

HOW OBD II EFFECTS I/M 240 TESTING:

The OBD II system monitors emissions through its use of dedicated monitors to check for deteriorated or non-functioning systems or controls. It is very important that any vehicle that comes into your shop under the following conditions gets its OBD II system checked thoroughly before the system is repaired and the vehicle is emission tested.

- A. Vehicle comes in with MIL illuminated
- B. Vehicle comes in with a catalytic converter that is broken up internally
- C. Vehicle has failed a State required emissions test
- D. MIL commanded to be on through ECR, but light is not illuminated

After all repairs have been made, trouble codes have been erased, and the MIL has been turned off, you will need to drive the vehicle before any emission tests can be performed. The OBD II system conducts the tests under certain conditions or enabling criteria. These conditions are comprised of various information; a few examples:

- 1. Elapsed time since vehicle engine start up
- 2. Throttle position
- 3. Engine speed
- 4. Vehicle speed
- 5. Engine temperature

Most of the various systems tested by the different monitors are only conducted after the engine has reached normal operating temperature.

The computer runs three types of tests:

- 1. PASSIVE TEST - This test monitors a system component without affecting its operation.
- 2. ACTIVE TEST - The computer has the monitor produce a test signal so that its response can be checked against stored information
- 3. INTRUSIVE TEST - The computer performs system checks that affect vehicle performance and emissions.

After a passive test is run and it fails, the computer then performs active test procedures on the system. If, after this test, a failure is found, the computer will run an intrusive test. If, after the intrusive test produces a failure, the computer may not store a trouble code and/or illuminate the MIL unit after the failure appears in two consecutive tests. Because of this, it is suggested that you perform the drive cycle or I/M Readiness Drive Cycle to be sure that all systems have been checked and that all I/M Flags are set. These are benchmarks or messages that the OBD II system uses to show that all emission monitors have been run. It is important that all of these I/M Flags are set before the vehicle goes through an I/M 240 test.

I/M READINESS CYCLE:

- A. Vehicle should be started with the engine cold
- B. Let vehicle idle until the engine is at normal operating temperature (the engine coolant temperature sensor should read 180° F or higher); generally 5 to 10 minutes
- C. Put vehicle in gear and idle for 45 seconds
- D. Accelerate to 45mph with no more than a 1/4 throttle for 10 seconds
- E. Decelerate to 35-40mph and run at steady throttle for 1 minute
- F. Drive between 20-45mph for 4 minutes, but do not operate under open throttle
- G. Decelerate and idle for 10 seconds
- H. Accelerate to 55mph using no more than 1/2 throttle for 10 seconds
- I. Drive 40-55mph using steady throttle for 1 1/2 minutes

Shut the vehicle off when you return to the shop. If time permits, run the cycle again after the vehicle has cooled off. Doing so will ensure that all Flags have been set, all problems have been repaired and the vehicle will pass an I/M 240 test.

OTHER OBD II INFORMATION:

The OBD II system can perform other tests and store other information that cannot be fully detailed in this booklet. Among some of the other information stored when the vehicles MIL is illuminated showing air/fuel ratio, fuel trim, fuel injector base pulse width, loop status, mass airflow rate, engine speed, engine load, vehicle speed, map sensor signal and engine cooling temperature. This information is very helpful in fixing OBD II system faults.

For more information on OBD II systems, consult the vehicles manufacturers service manual or a service publication like Mitchell, Motor or ALLDATA.

ENGINE RELATED DTCs

PO400	Exhaust Gas Recirculation Flow Malfunction
PO401	Exhaust Gas Recirculation Flow Insufficient
PO402	Exhaust Gas Recirculation Flow Excessive
PO403	Exhaust Gas Recirculation Circuit Malfunction
PO404	Exhaust Gas Recirculation Circuit Range/Performance
PO405	Exhaust Gas Recirculation Sensor A Circuit Low
PO406	Exhaust Gas Recirculation Sensor A Circuit High
PO407	Exhaust Gas Recirculation Sensor B Circuit Low
PO408	Exhaust Gas Recirculation Sensor B Circuit High
PO410	Secondary Air Injection System Malfunction
PO411	Secondary Air Injection System Incorrect Flow
PO412	Secondary Air Injection System Switching Valve A Circuit Malfunction
PO413	Secondary Air Injection System Switching Valve A Circuit Open
PO414	Secondary Air Injection System Switching Valve A Circuit Shorted
PO415	Secondary Air Injection System Switching Valve B Circuit Malfunction
PO416	Secondary Air Injection System Switching Valve B Circuit Open
PO417	Secondary Air Injection System Switching Valve B Circuit Shorted
PO420	Catalyst System Efficiency Below Threshold (Bank 1)
PO421	Warm Up Catalyst Efficiency Below Threshold (Bank 1)
PO422	Main Catalyst Efficiency Below Threshold (Bank 1)
PO423	Heated Catalyst Efficiency Below Threshold (Bank 1)
PO424	Heated Catalyst Temperature Below Threshold (Bank 1)
PO430	Catalyst System Efficiency Below Threshold (Bank 2)
PO431	Warm Up Catalyst Efficiency Below Threshold (Bank 2)
PO432	Main Catalyst Efficiency Below Threshold (Bank 2)
PO433	Heated Catalyst Efficiency Below Threshold (Bank 2)
PO434	Heated Catalyst Temperature Below Threshold (Bank 2)
PO440	Evaporative Emission Control System Malfunction
PO441	Evaporative Emission Control System Incorrect Purge Flow
PO442	Evaporative Emission Control System Leak Detected (Small Leak)
PO443	Evaporative Emission Control System Purge Control Valve Circuit Malfunction
PO444	Evaporative Emission Control System Purge Control Valve Circuit Open
PO445	Evaporative Emission Control System Purge Control Valve Circuit Shorted
PO450	Evaporative Emission Control System Pressure Sensor Malfunction
PO451	Evaporative Emission Control System Pressure Sensor Range/Malfunction
PO452	Evaporative Emission Control System Pressure Sensor Low Input
PO453	Evaporative Emission Control System Pressure Sensor High Input
PO454	Evaporative Emission Control System Pressure Sensor Intermittent
PO455	Evaporative Emission Control System Leak Detected (Large Leak)
PO460	Fuel Level Sensor Circuit Malfunction
PO461	Fuel Level Sensor Circuit Range/Performance
PO462	Fuel Level Sensor Circuit Low Input
PO463	Fuel Level Sensor Circuit High Input
PO464	Fuel Level Sensor Circuit Intermittent
PO465	Purge Flow Sensor Circuit Malfunction

PO466	Purge Flow Sensor Circuit Range/Performance
PO467	Purge Flow Sensor Circuit Low Input
PO468	Purge Flow Sensor Circuit High Input
PO469	Exhaust Pressure Sensor Malfunction
PO470	Purge Flow Sensor Circuit Intermittent
PO471	Exhaust Pressure Sensor Range/Performance
PO472	Exhaust Pressure Sensor Low
PO473	Exhaust Pressure Sensor High
PO474	Exhaust Pressure Sensor Intermittent
PO475	Exhaust Pressure Control Valve Malfunction
PO476	Exhaust Pressure Control Valve Range/Performance
PO477	Exhaust Pressure Control Valve Low
PO478	Exhaust Pressure Control Valve High
PO479	Exhaust Pressure Control Valve Intermittent

Enhanced Testing

IM 240 - An enhanced testing procedure that lasts a total of 240 seconds. The vehicle is tested on a roller or dynamometer. This allows the car to be tested under varying loads and speeds. This testing requires that the total exhaust produced during the test be analyzed instead of just a small sample as used in other tests.

The IM program that is administered by the state is intended to detect and repair in-use vehicles with excessive emissions by encouraging the vehicles owner to properly maintain and use their vehicle. The IM programs will encompass more areas as time goes on and will definately help to increase replacement of catalytic converters for shops doing exhaust and emissions work.

What does testing tell us?

The test paper that the IM 240 station gives the customer has some other information other than just HC, CO and NOX. You will also find O₂ (oxygen) and CO₂ (carbon dioxide) listed. Generally, O₂ has an inverse relationship to CO, meaning if one goes up or increases, the other goes down or decreases. Too little O₂ during the combustion process will cause CO to increase. The normal reading out of the tail pipe of O₂ will be 1.5% or less. If the car has a secondary air injection system, the reading will be 3% to 4% with the injection system activated. If the O₂ reading that the oxygen sensor picks up is incorrect, air/fuel ratio will be affected. For CO₂, you should consider that it is an excellent indicator of complete engine combustion. It is also produced by a functioning converter. Usually the CO₂ level before the catalytic converter will be about 11% to 12%. If the converter is functioning properly, it will be 15% or higher out of the tail pipe.

Points to check when a vehicle fails testing

1. Was the vehicle running at operating temperature (properly warmed up)?
2. Was the vehicle running at manufacturers specs?
3. Is the vehicles cooling system operating properly?
4. Is the vehicles EGR system functional?
5. Does the vehicle have high mileage on the odometer?
6. Has the vehicles engine or exhaust been modified?
7. Make sure the vehicle is IM ready. (See the IM readiness cycle in the OBD II section)

Causes of test failure

HC (hydrocarbon) failure - Ignition misfire, fuel system malfunction, bad O2 sensor or other feedback sensor, worn piston rings/burned valves, bad canister purge valve or system, defect in PCV system, inoperative converter

CO (carbon monoxide) failure - Improper air/fuel mixture, inoperative air injection system, inoperative choke/cold idle enrichment device, faulty O2 sensor or other feedback sensor, incorrect timing, inoperative converter

NOX (oxides of nitrogen) failure - Mechanical engine problems: stuck engine thermostat, corroded radiator internally, air flow to radiator plugged, blocked or corroded cooling passages, carbon deposits

System component problems

- Inoperative EGR valve or system
- Plugged EGR passages
- Bad air diverter valve
- Extremely lean air/fuel ratio
- Bad heat riser valve
- Malfunctioning radiator fan motor or switch
- Advanced ignition timing
- Bad feedback sensor

Usually if a converter passes HC and CO but fails NOX, the problem is not the converter. Use this rule for determining a non-functioning converter. (It will be accurate 95% of the time or better)

If the tail pipe reading shows the:

*CO is greater than 0.3%

*O2 is greater than 0.4%

*HC is higher than 125 ppm but not less than 400 ppm
the converter is most likely defective.

Exhaust emission effects due to engine problems

	<u>HC</u>	<u>CO</u>	<u>NOX</u>
Ignition System Malfunction	Increase	Decrease	Decrease
Retard Timing	Little Change	Generally no change	Decrease
Advance Timing	Small Increase	Little Change	Increase
Inoperative Air Injection	Increase	Increase	No change
Faulty EGR	Little Change	Generally No change	Increase
Fuel System Rich	Increase	Increase	Decrease
Fuel System Lean	Increase	Decrease	Increase

For the most part, the rules or guidelines for aftermarket converters are quite clear and concise. It is permissible to install an aftermarket converter in the following situation:

- A. The vehicle is over 5 years old or has more than 50,000 miles. This applies to vehicles produced in, or before, 1994. For vehicles 1995 or newer, the period of 8 years or 80,000 miles applies.
- B. A state sponsored inspection program has determined that the current converter has been damaged or poisoned.
- C. Any situation where the need for converter replacement has been documented.

It is possible to use an aftermarket converter in a situation where the vehicle is less than 5 years old (1994 or older) or has less than 50,000 miles. These situations are:

- A. The catalytic converter is already missing from the vehicle and it has been properly documented.
- B. A state inspection program has determined that the current converter is damaged or inoperable.

The following are examples of situations where original equipment converters must be installed:

- A. Vehicles O.E. converter is covered under a warranty or recall.
- B. Vehicle has been returned from overseas use and the catalytic converter is missing.

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