

To reset the computer after changing the catalytic converter on an EcoBoost vehicle, you'll typically need to reset the Engine Control Module (ECM), also known as the Powertrain Control Module (PCM). This can be done by disconnecting the battery or using a scan tool. The process involves allowing the ECM to relearn the new conditions after the catalytic converter replacement. ⌚

Here's a breakdown of the process:

1. Disconnecting the Battery:

- Turn off the vehicle and ensure all electrical accessories are off. ⌚
- Locate the battery and disconnect the negative (-) terminal first. ⌚
- Then, disconnect the positive (+) terminal. ⌚
- Wait for 10-15 minutes to allow the ECM to discharge. ⌚
- Reconnect the battery, connecting the positive (+) terminal first, then the negative (-) terminal. ⌚
- Start the vehicle and let it idle for a few minutes with all accessories off. ⌚
- Then, turn on the air conditioning and let it idle for a few more minutes. ⌚
- Finally, drive the vehicle normally, allowing the ECM to relearn your driving style and conditions, according to a forum post. ⌚

2. Using a Scan Tool (if available):

- Connect a capable scan tool to the vehicle's diagnostic port. ⌚
- Follow the scan tool's instructions to reset the ECM or PCM. ⌚
- This method can be faster and more precise, especially if you have a professional-grade scan tool. ⌚

3. Relearning Process:

- After resetting the ECM, the vehicle will need to relearn its optimal settings.
- Be patient and drive the vehicle normally during this period. ⌚

Important Notes:

- Always disconnect the negative (-) terminal first when disconnecting the battery to prevent short circuits. ⌚
- Reconnect the positive (+) terminal first when reconnecting the battery. ⌚
- Some vehicles may have specific procedures for resetting the ECM or PCM, so consult your owner's manual for detailed instructions. ⌚
- If you're not comfortable performing these steps yourself, it's best to consult a qualified mechanic. ⌚