



IMPORTANT CATALYTIC CONVERTER REPLACEMENT INFORMATION – **PLEASE READ**

Catalytic Converter failures (destruction or contamination) are primarily the result of engine operating system component failures. Prior to the replacement of the affected converter(s) proper AND comprehensive repair of the engine operating system must be completed. The vehicle must be operating at the manufacturers specifications (properly tuned) before installation of a replacement converter(s). Flowmaster assumes no liability for damage and/or catalytic converter failure due to installation of a converter(s) on an improperly repaired, tuned or maintained engine operating system.

INSTALLATION REQUIREMENTS

The Environmental Protection Agency (EPA) has issued the following installation requirements. The converter must be:

A- Only replaced in one of three 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 five (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 Federal vehicles have an 8 year/80,000 mile warranty.

B- In the same location as the original converter.

C- The same type of converter as the original converter (i.e. oxidation, 3-way or 3-way with air).

D- The proper converter for the vehicle application as determined and specified by the manufacturer.

E- Connected properly to any existing air injection components on the vehicle.

F- 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

G- If a new converter, accompanied by the warranty information card, filled in by the installer.

MAKE SURE YOU HAVE THE PROPER CONVERTER FOR THE APPLICATION

Care must be taken to select and use the proper type converter. Please refer to the application guide contained in the catalog or website. Attention should be given to the engine size limits and vehicle curb weights listed in the catalog/application guide. If a universal converter is not listed for the application you need, you can easily identify which one to use with the following information: Note: OBDII catalyst types MUST be used on OBDII operating system equipped vehicles!

1. Identify the catalyst type that is on the car. This can be done by finding the vehicles emission control information label. It is located under the hood and will list tune up procedures as well as emission information.
2. Identify the vehicle model year and engine type by using the VIN number. Charts are available in the catalog to help decode this label.

Once you have obtained this information you can find the proper replacement converter for the vehicle by using the specification pages in the catalog. If you are unsure of which converter to use, please contact Technical Support at 1-800-544-4761. When calling Technical Support, 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 i.e. (Federal or California emissions pre ODB or OBDII).

General Information About Catalytic Converter Replacement

First Things First...

1. 1996 and newer Federal vehicles have a manufacturer's 8 year or 80,000 mile warranty which covers the converter(s), PCM, ECU, and other components specific to the make, model, and year of the vehicle. During this warranty period, the dealer must do any warranty repairs or replacements.
2. Check the vehicle owners' manual for additional component coverage and information.
3. OEM converters are designed to last the life of the vehicle.
4. The DTC (Diagnostic Trouble Code) P0420, identifies a converter that is unable to do its' job due to an engine operating condition that is out of specifications.

Check and Identify

- a. Component failures (other DTC's) that create a rich condition (high HC or CO)
 - b. Component failures (other DTC's) that create a lean condition (high NOx)
 - c. Destruction or contamination of the converter substrate surface area.
5. Research all related TSB's (Technical Service Bulletins) for the specific vehicle. Many vendors offer this service on line for a fee.
 6. Complete repair of the vehicle operating system failure(s), all related found DTC's, before continuing.
 7. If a converter replacement is justified, replace the converter(s) with the proper unit(s) as called for in the Flowmaster application catalog. Do Not Substitute! Complete all required paperwork.
 8. Aftermarket Replacement Catalytic Converters carry a Federally Mandated Warranty. Each converter has a pipe and shell warranty of 5 years or 50,000 miles and an emissions performance warranty of 25,000 miles from the date of installation on a properly repaired vehicle.
 9. To complete the repair, it is strongly recommended that you perform the manufactures drive cycle test before releasing the vehicle to the customer.