

## SECTION THREE: T1

### PRE-OBDII CATALYTIC CONVERTER CATEGORIES

The California Air Resources Board divides Pre-OBDII replacement catalytic converters into four categories.

#### PASSENGER CARS

PC1: Cars with one converter per vehicle or per engine bank.

PC2: Cars with two converters back to back or having more than two converters.

#### TRUCKS

T1: Trucks with one converter per vehicle or per engine bank.

T2: Trucks with two converters back to back or having more than two converters.

### NOTICE TO USERS OF THIS VEHICLE APPLICATION CATALOG (VAC)

This catalog is designed to facilitate the selection of the appropriate catalytic converter(s) for selected pre-OBDII vehicles. The user must consider all relevant data (make, model, year, and number of cylinders in every case, as well as other features such as air tubes, type of transmission, engine displacement, etc., where listed) to ensure the proper match for any particular application.

It is illegal to install a catalytic converter that is not approved for the specific vehicle application. It is also illegal to select a catalytic converter for installation based solely on vehicle weight and engine size or based upon catalytic converter physical shape, size, configuration, or pipe diameters. Further, PC1, PC2, T1, and T2 converters must never be installed on OBDII vehicles.



**HAYWARD** 1 (800) 826-6615 • **FRESNO** 1 (559) 441-0632  
**ANAHEIM** 1 (800) 858-0088 • **SAN DIEGO** 1 (800) 901-2287





Aftermarket Catalytic Converters  
**IMPORTANT INFORMATION**  
Trucks, Vans, and SUV's



## INSTRUCTIONS FOR INSTALLING CONVERTERS ON PRE-OBDDII VEHICLES

Series 59000 converters are a new line of converters designed for use on vehicles equipped with pre-OBDDII systems. They are designed, tested, and catalogued for specific vehicles. They are not traditional universal converters. These converters have higher efficiency and are evaluated and exempted by the California Air Resources Board (CARB) as meeting strict California requirements for conversion efficiency and durability. These converters are warranted for 5 years or 50,000 miles on the converter body and 5 year on the performance of the internal catalyst, including replacement for pre-OBDDII diagnostic codes for low catalyst efficiency.

The specific vehicle applications exempted by the CARB for Series 59000 are included in our catalog. Other applications are NOT automatically exempted. Additional vehicle applications will be added as testing is completed. Please check for new applications and new pre-OBDDII converter series that are not included in this catalog. For vehicles outside of California, Series 59000 converters offer superior efficiency and durability.

CARB has the following policy on pre-OBDDII Aftermarket Converter Replacement:

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 VAC, the manufacturer's website, requests via phone or email 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:

1. The vehicle is specifically included in the vehicle application list for which the new aftermarket catalytic converter has been exempted;
2. The vehicle is more than 7 years old or has more than 70,000 miles on its odometer;
3. 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).\* 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;



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4. 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;
5. 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 of the OEM catalytic converter was located. The installation may not alter the location, position, or orientation of oxygen sensors upstream and downstream of the catalytic converter(s);
6. The exempted new aftermarket catalytic converter is installed on a one-for-one catalytic converter (not substrate) basis;
7. 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); and
8. 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 converters 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 four years from the date of sale or installation of the catalytic converter.

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\*The 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 seven years and 70,000 miles, eight years and 80,000 miles, and 15 years and 150,000 miles, depending on the vehicle.



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## 59000 SERIES CATALYTIC CONVERTERS

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Single inlet, single outlet, w/o air tube

<u>Part No.</u>	<u>Inlet Diameter</u>	<u>Outlet Diameter</u>
59175	1.75"	1.75"
59200	2"	2"
59225	2.25"	2.25"
59212	2.5"	2.5"
59300	3"	3"



Single inlet, single outlet, with air tube

<u>Part No.</u>	<u>Inlet Diameter</u>	<u>Outlet Diameter</u>
59175A	1.75"	1.75"
59200A	2"	2"
59225A	2.25"	2.25"
59212A	2.5"	2.5"
59300A	3"	3"





Dual inlet, Single outlet, w/o air tube

<u>Part No.</u>	<u>Inlet Diameter</u>	<u>Outlet Diameter</u>
59200D	2"	2.5"



Dual inlet, Dual outlet, w/o air tube

<u>Part No.</u>	<u>Inlet Diameter</u>	<u>Outlet Diameter</u>
59200DD	2"	2"

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