

Converter Warranty Return

A catalytic converter will rarely fail without a problem or malfunction occurring somewhere in the emissions system upstream of the converter. It is important to determine the cause of the failure and repair it, in order to prevent a reoccurrence.

1. Carbon Deposits

This is an example of a converter with carbon deposits in the ceramic catalyst. This is usually a result of oil or antifreeze entering the exhaust system or a too-rich fuel mixture. The heavy carbon deposit clogs the converter and restricts exhaust flow.

2. Catalyst Fracture

This is an example of a catalyst fracture. The ceramic becomes loose, then cracks and begins to break down. The pieces begin to obstruct flow, creating backpressure and increasing the heat in the exhaust system.

3. Overheated or Running Hot

A converter glowing red-hot or displaying evidence of heat discoloration, such as this one, is an indication of catalyst meltdown. This is a serious condition that should be addressed immediately, as it can cause additional damage to the engine.

4. Catalyst Meltdown

The catalyst pictured is the victim of meltdown, a condition occurring from extremely high temperatures. The ceramic melts and collapses, eliminating the honeycomb perforations and blocking exhaust flow, which can cause additional damage to the engine. A variety of malfunctions, including an incorrect fuel mixture, can create this condition. A careful check and repair of the vehicle's systems will help prevent a reoccurrence.

5. OBDII Check Engine Light

All 1996 and later model passenger cars and light-duty trucks are equipped with a second generation On-Board Diagnostics computer (OBD II). This computer monitors the engine through various sensors to ensure the emission control components are functioning properly. In case of a malfunction of an emission component, a Malfunction Indicator Light (MIL) will illuminate alerting the driver to possible problems.

Car Sound's Warranty Policy

The manufacturer warrants that this catalytic converter is free from defects in materials and workmanship. This catalytic converter has been designed and manufactured to meet the Emission Performance requirements specified by the Federal EPA and the California Air Resource Board (CARB). When the vehicle is properly maintained, the catalytic converter is warranted to meet such requirements from the date of installation for a mileage duration which will vary from state to state; please check your specific warranty card for exact details. The manufacturer further warrants the catalytic converter's external shell and end-pipes (those being attached during the original manufacturing process and otherwise unaltered during installation) against defects in materials and workmanship for 5 years or 50,000 miles, whichever comes first, from date of installation.

The manufacturer's warranty is void and no liability can be assumed:

- If the catalytic converter is not properly installed on the vehicle for which it is designed and cataloged.
- If the catalytic converter has been altered or repaired, or if it has been damaged by negligence, accident or mishandling.
- If the catalytic converter failure is related to the engine not operating within original equipment specifications, to a vehicle with an illegal add-on device or modified part, or to use of specialty fuels, lubricants, sealants or additives.

The manufacturer reserves the right to determine what constitutes the vehicle's proper operating condition. No other warranty, expressed or implied, including merchantability, applies to the catalytic converter, nor is any person or company authorized to assume any other warranty. The manufacturer does not assume any responsibility for any consequential damages occasioned by the catalytic converter, or inconvenience or interruption in any operation. This warranty gives you specific legal rights. You may also have other rights that vary from state to state.

MAGNAFLOW
Catalytic Converters
by CAR SOUND

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For an on-line version of this document, check out: www.car-sound.com/warranty.pdf