

1974-79 EXHAUST EMISSION SYSTEMS

Volkswagen Catalytic Converters

3-513

All Models

DESCRIPTION

The converter consists of a stainless steel housing with a ceramic honeycombed element plated with a thin coating of platinum. Vehicles with catalytic converters must use unleaded fuel as any lead will destroy the converter's efficiency.

OPERATION

When hot exhaust gases flow into the converter and meet the metal catalyst, in this case platinum, a chemical reaction occurs which reduces the exhaust emissions.

MAINTENANCE

The requirement to replace the catalytic converter at 30,000 mile intervals no longer exists. However, some early models may still have the reminder light connected.

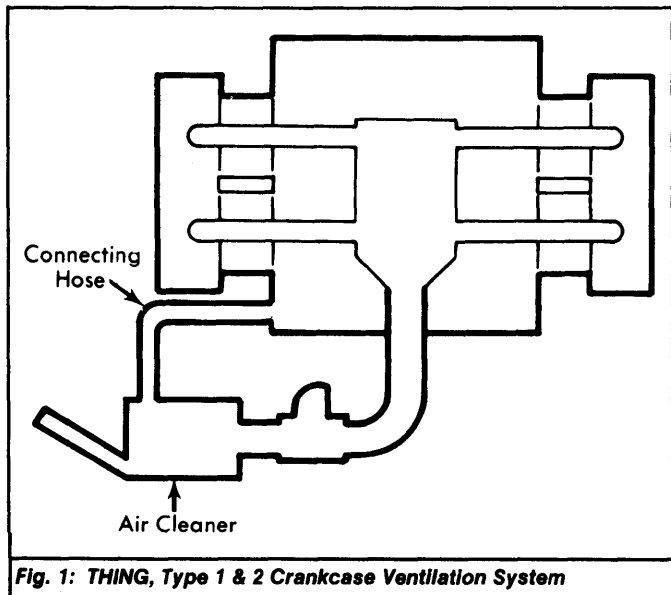
This light may be disabled as follows: Locate multi-pin wiring plug on maintenance reminder sensor. DO NOT confuse catalytic converter sensor with EGR sensor. Cut Yellow/Red wire to multi-pin plug and insulate cut end of wire.

Volkswagen Crankcase Ventilation

All Models

DESCRIPTION

Volkswagen crankcase ventilation system consists of a sealed oil filler cap and a rubber hose connected between cylinder head cover and air cleaner. Crankcase vapors and blow-by gases from the crankcase flow from cylinder head covers through the rubber hose into the engine air cleaner. From here they are drawn into the engine with the air/fuel mixture and are burned.



MAINTENANCE

Visually inspect rubber hose connected between air cleaner and the cylinder head covers for damage or plugging every 15,000 miles or at least once a year.

