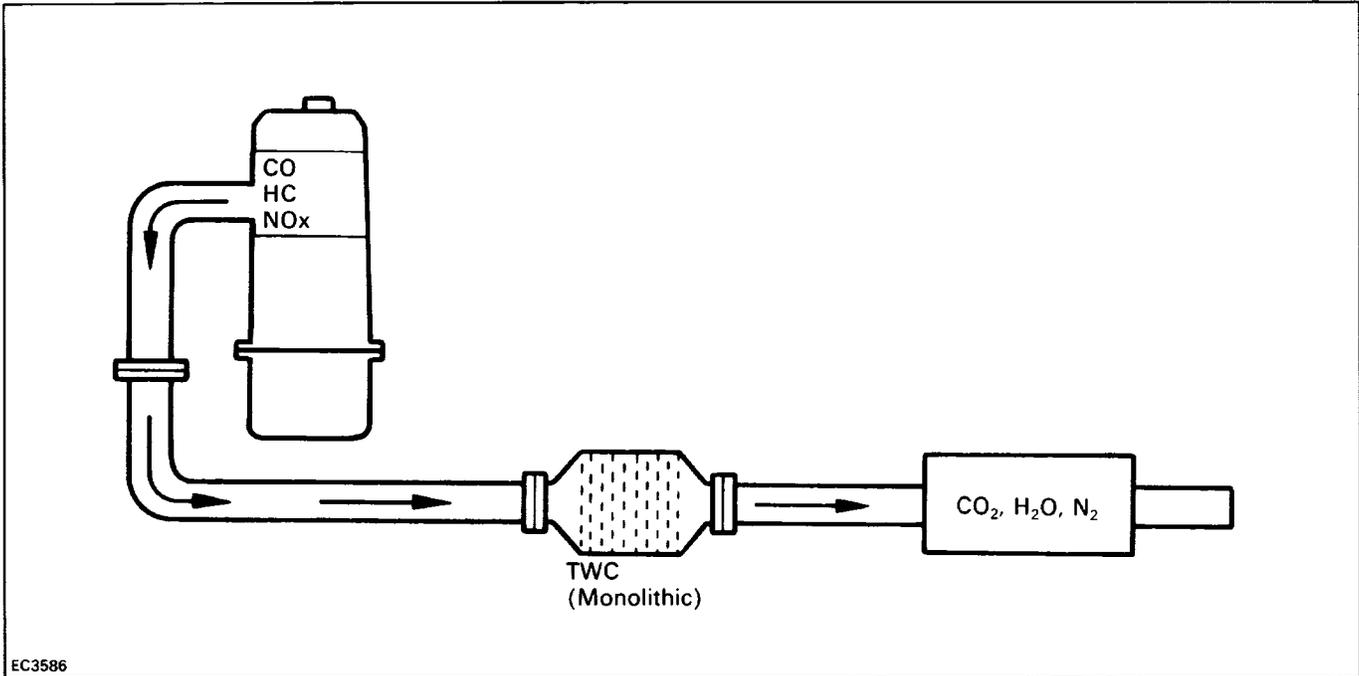


THREE-WAY CATALYTIC CONVERTER (TWC) SYSTEM



To reduce CO, HC and NO_x emissions, they are oxidized, and converted to carbon dioxide (CO₂), water (H₂O) and nitrogen (N₂) by the three-way catalytic converter

Exhaust Port		TWC		Exhaust Gas
CO HC NO _x	→	OXIDATION AND REDUCTION	→	CO ₂ H ₂ O N ₂

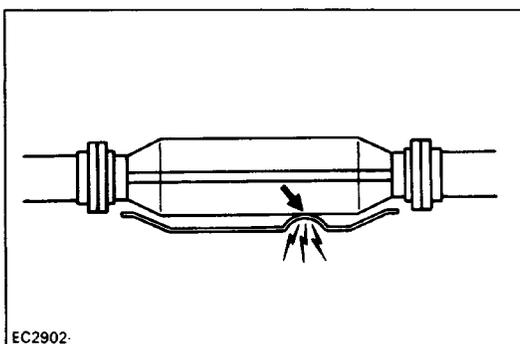
INSPECTION OF EXHAUST PIPE ASSEMBLY

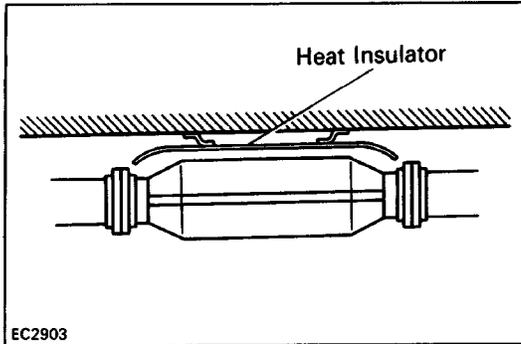
1. INSPECT CONNECTIONS FOR LOOSENESS OR DAMAGE
2. INSPECT CLAMPS FOR WEAKNESS, CRACKS OR DAMAGE

INSPECTION OF THREE-WAY CATALYTIC CONVERTER

INSPECT FOR DENTS OR DAMAGE

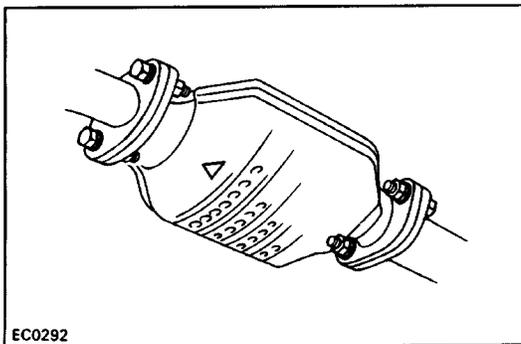
If any part of protector is damaged or dented to the extent that it contacts the three-way catalytic converter, repair or replace it.





INSPECTION OF HEAT INSULATOR

1. INSPECT HEAT INSULATOR FOR DAMAGE
2. INSPECT FOR ADEQUATE CLEARANCE BETWEEN THREE-WAY CATALYTIC CONVERTER AND HEAT INSULATOR



REPLACEMENT OF THREE-WAY CATALYTIC CONVERTER

1. REMOVE THREE-WAY CATALYTIC CONVERTER

- (a) Check that the three-way catalytic converter is cool.
- (b) Remove the four bolts and nuts holding the pipes to the three-way catalytic converter.
- (c) Remove the three-way catalytic converter and two gaskets.

2. REINSTALL THREE-WAY CATALYTIC CONVERTER

- (a) Place two new gaskets on the front and rear pipes.
- (b) Install the three-way catalytic converter with the bolts and nuts. Torque the bolts and nuts.

Torque: 43 N-m (440 kgf-cm, 32 ft-lbf)