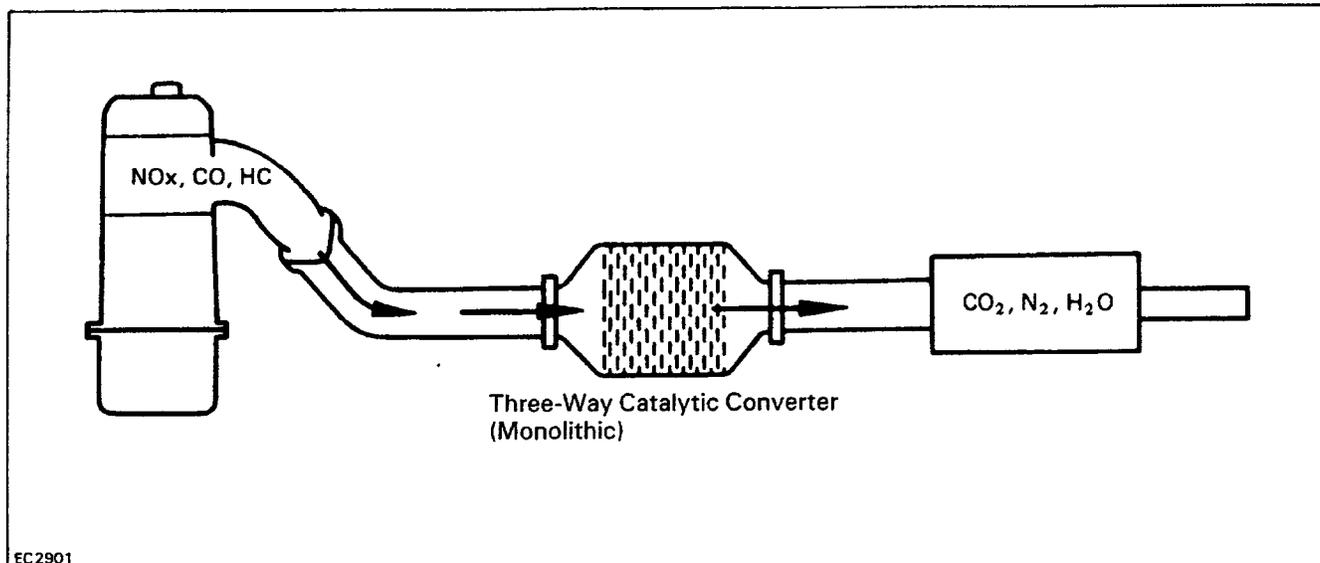
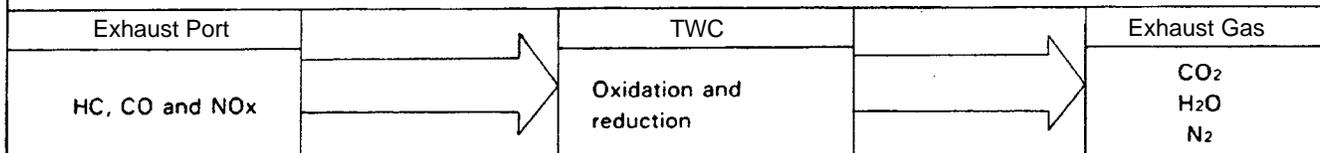


THREE-WAY CATALYTIC CONVERTER (TWC) SYSTEM

EG1WX-01



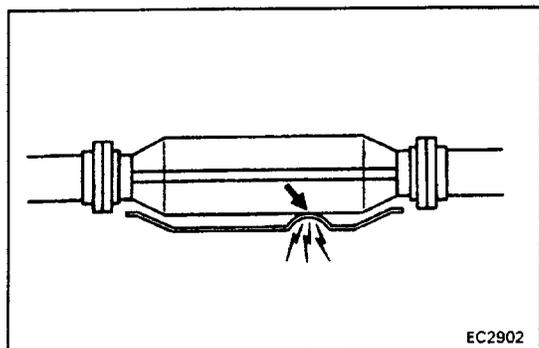
To reduce HC, CO and NO_x emissions, they are oxidized, reduced and converted to nitrogen (N₂), carbon dioxide (CO₂) and water (H₂O) by the catalytic converter.



V01777

EXHAUST PIPE ASSEMBLY INSPECTION

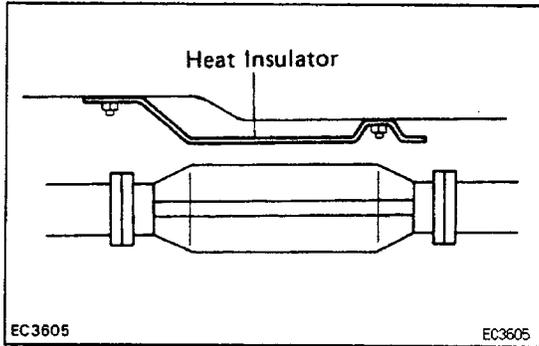
1. CHECK CONNECTIONS FOR LOOSENESS OR DAMAGE
2. CHECK CLAMPS FOR WEAKNESS, CRACKS OR DAMAGE



EG1WZ-01

CATALYTIC CONVERTER INSPECTION CHECK FOR DENTS OR DAMAGE

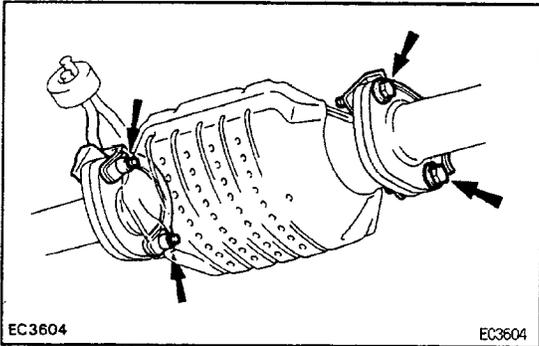
If any part of the protector is damaged or dented to the extent that it contacts the catalytic converter, repair or replace it.



HEAT INSULATOR INSPECTION

EG1X0-01

1. CHECK HEAT INSULATOR FOR DAMAGE
2. CHECK FOR ADEQUATE CLEARANCE BETWEEN CATALYTIC CONVERTER AND HEAT INSULATOR



CATALYTIC CONVERTER REPLACEMENT

1. REMOVE CONVERTER

- (a) Jack up the vehicle.
- (b) Check that the converter is cool.
- (c) Remove the bolts at the front and rear of the converter.
- (d) Remove the converter and gaskets.

2. INSTALL CONVERTER

- (a) Place new gaskets on the converter front and rear pipes, and connect the converter to the exhaust pipes.
- (b) Torque the bolts.

Torque: Catalytic converter-Exhaust pipe

39 N-m (400kgf-cm, 29ft-lbf)

- (c) Reinstall the bracket bolts and tighten them.

SERVICE SPECIFICATIONS TORQUE SPECIFICATIONS

EG1X2-01

Part tightened

	N-m	kgf-cm	ft-lbf
Cylinder Head x EGR Valve			
Air Intake Chamber x EGR Pipe	13	130	9
Intake Manifold x PAIR Reed Valve	13	130	9
No. 1 Air Injection Manifold x PAIR Reed Valve	13	130	9
	13	130	9