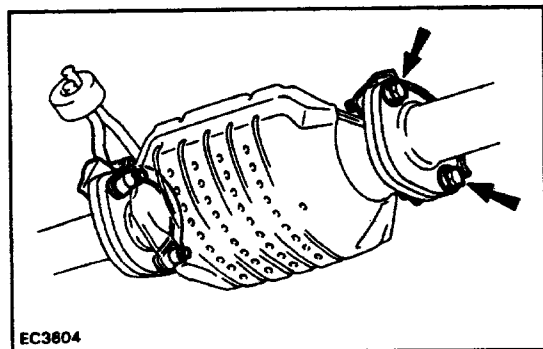


## HEAT INSULATOR INSPECTION

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



## THREE-WAY 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 gasket.

### 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: 39 N-m (400 kgf-cm, 29 ft-lbf)**
- (c) Reinstall the bracket bolts and tighten them.

## SERVICE SPECIFICATIONS

### SERVICE DATA

VSV for EGR	Resistance (at 20° C (68° F))	30 – 50 Ω
VSV for PAIR	Resistance (at 20° C (68° F))	30 – 50 Ω

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## TORQUE SPECIFICATIONS

Part tightened	N-m	kgf-cm	ft-lbf
TVV x Cylinder block	25	250	18
TWC x Exhaust pipe	39	400	29