

ENGINE EXHAUST SYSTEM

2420-01

GENERAL

1. OVERVIEW OF EXHAUST SYSTEM

CAUTION

- When you are inspecting or replacing exhaust system components, make sure there is adequate clearance from all points on the underbody to avoid possible overheating of the floor panel and possible damage to the passenger compartment insulation and trim materials.

Check the complete exhaust system and the nearby body areas and trunk lid for broken, damaged, missing or mispositioned parts, open seams, holes, loose connections, or other deterioration which could permit exhaust fumes to seep into the trunk may be an indication of a problem in one of these areas. Any defects should be corrected immediately.

2. OVERVIEW OF MUFFLER

Aside from the exhaust manifold connection, the exhaust system uses a flange and seal joint design rather than a slip joint coupling design with clamp and U-bolts.

If hole, open seams, or any deterioration is discovered upon inspection of the front muffler and pipe assembly, the complete assembly should be replaced, the complete assembly should be replaced.

The same procedure is applicable to the rear muffler assembly. Heat shields for the front and rear muffler assembly and catalytic converter protect the vehicle and the environment from the high temperatures that the exhaust system develops.

3. OVERVIEW OF CATALYTIC CONVERTER

CAUTION

- When jacking or lifting the vehicle from the body side rails, be certain that the lift pads do not contact the catalytic converter, as this could damage the catalytic converter.

CAUTION

- Use of anything other than unleaded fuel will damage the catalyst in the catalytic converter.
 - The catalytic converter are emission-control devices added to the exhaust system to reduce pollutants from the exhaust pipes.
 - The oxidation catalyst is coated with a catalytic material containing platinum and palladium, which reduces levels of hydrocarbon (HC) and carbon monoxide (CO) from the exhaust gas. The three-way catalyst has coatings which contain platinum and rhodium, which additionally lower the levels of oxides of nitrogen (NOx).

Modification basis	
Application basis	
Affected VIN	

4. FASTENER TIGHTENING SPECIFICATIONS

Application	Nm	Lb-Ft	Lb-In
Exhaust manifold to front exhaust pipe nut	15 ~ 28	11 ~ 21	-
Front exhaust pipe to muffler nut	28 ~ 47	21 ~ 35	-
Intake air duct mounting bolt	22.5 ~ 27.5	16.6 ~ 20.3	-
Intake manifold mounting bolt	22.5 ~ 27.5	16.6 ~ 20.3	-
Muffler to tail exhaust pipe nut	28 ~ 47	21 ~ 35	-
Resonance flap mounting bolt	9 ~ 11	-	80 ~ 97

Modification basis	
Application basis	
Affected VIN	