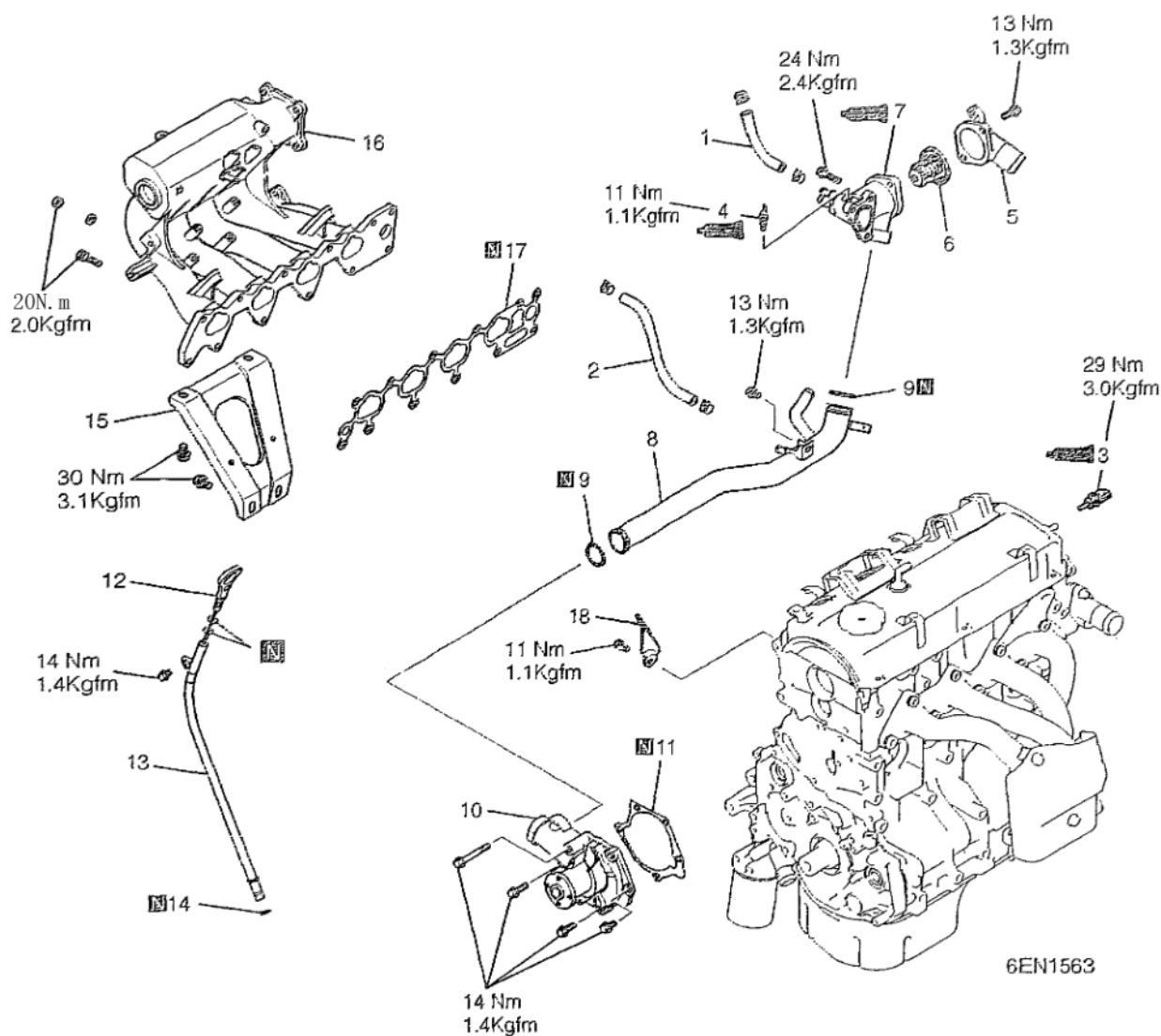


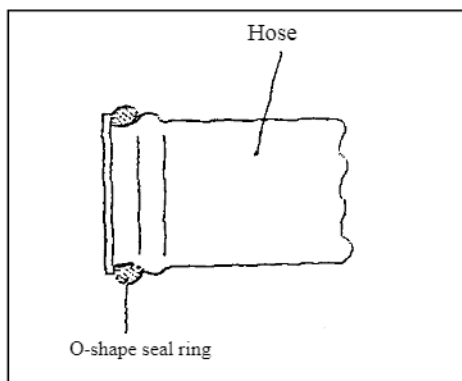
Chapter 6 Cooling System

Intake Manifold, Water Pump



Remove Steps:

1. Water soft tube
2. Water soft tube
3. Engine coolant temperature sensor
4. Engine coolant induction plug
5. Inflow tube joint
6. Thermostat
7. Inflow Tube
8. O-shape seal ring
9. Water pump
10. Water pump seal ring
11. Oil gauge
12. Oil gauge duct
13. O-shape seal ring
14. Manifold bracket
15. Intake manifold
16. Manifold gasket
17. Engine flying ring



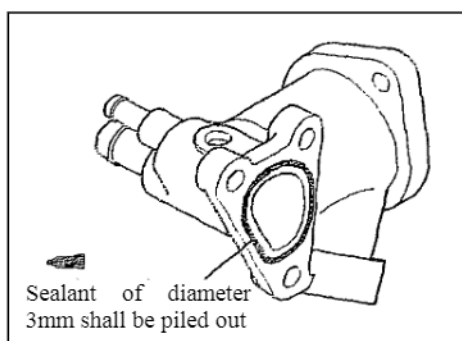
Installation Notice

O-shape seal installation

(1) Make seal ring wet to install it easily.

Caution:

There must be no engine oil or lubricate grease on seal ring.



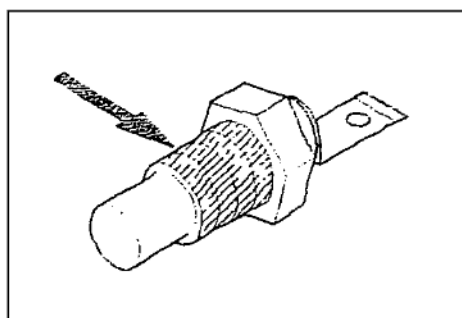
Daub thermostat shell with sealant

Specific sealant:

Component of Mitsubishi brand 3M ATD or equivalent.

Note:

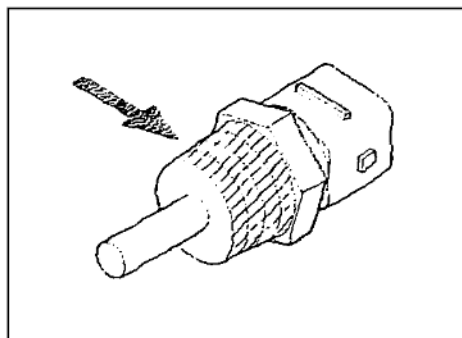
- (1) Thermostat shell should be installed immediately when the sealant is still wet (in 15 minutes).
- (2) Don't daub oil on the sealed part in about 1 hour after installation.



Daub engine coolant induction plug with sealant

Specific sealant:

3M ATD or equivalent



Daub engine coolant temperature sensor with sealant

Specific sealant:

3M ATD nut fastening or equivalent

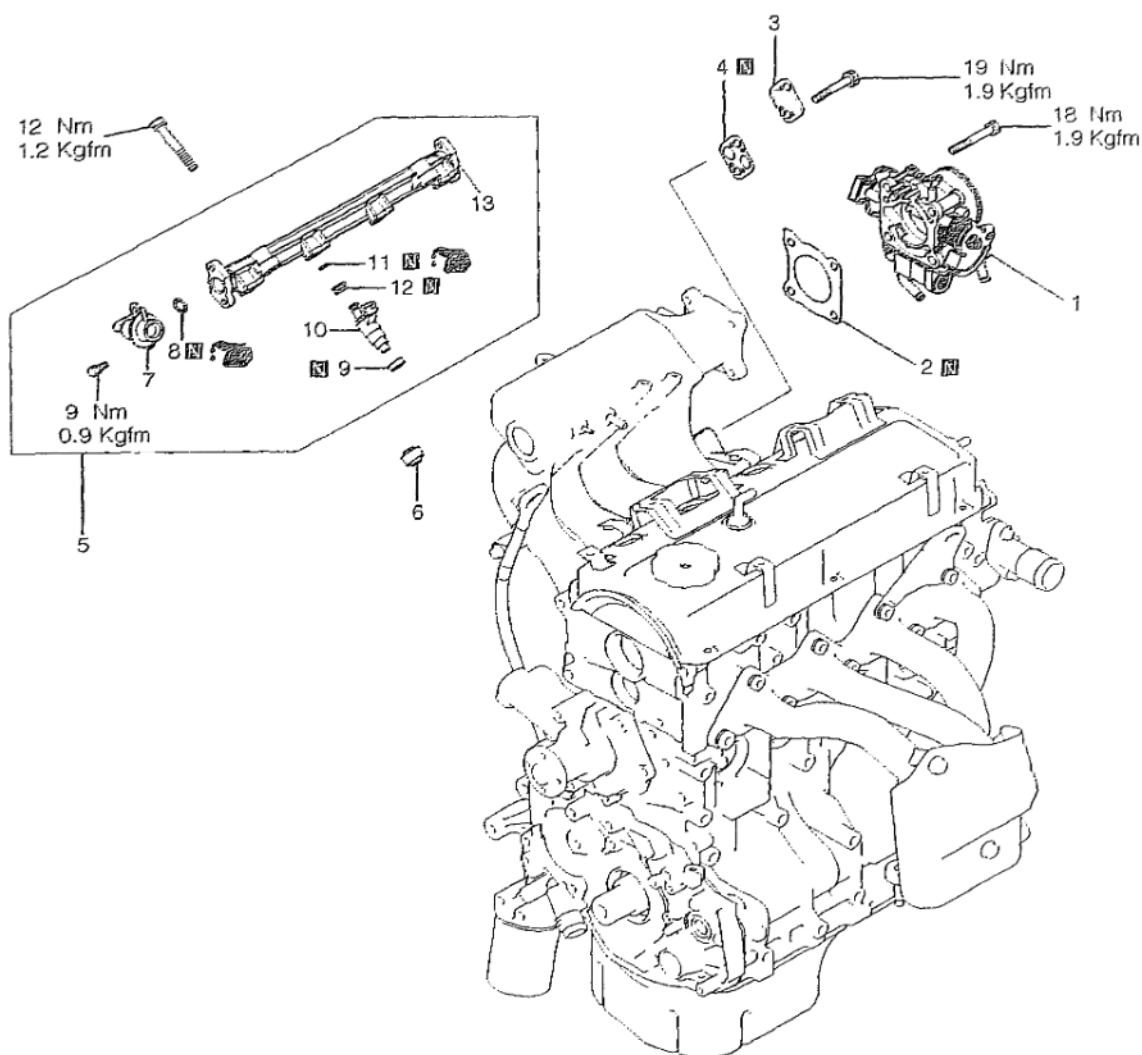


Chapter 7 Fuel Supply System

Fuel, Exhaust Gas Control

Component

Exhaust Gas Return Valve (EGR)



Remove Steps

1. Throttle body

2. Throttle body pad

3. Lid

4. EGR valve gasket

5. Fuel injector & distribution tube components

8 O-Shape seal ring

9. Insulator

10. Injector

11. O-Shape seal ring

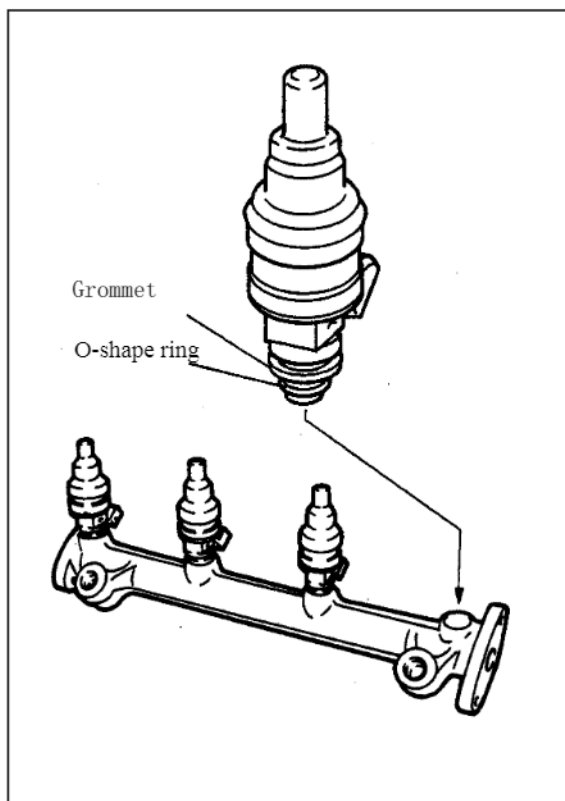
12. Grommet

13. Fuel distribution tube

Installation Notice

Fuel Injector Installation

- (1) Before fuel injector installation, please daub a drop of clearly engine oil on O-shape seal ring surface, which make installation easy.
- (2) Be careful enough not to destroy O-shape seal ring when inserting the top end of injector into fuel distribution tube.



Fuel Pressure Regulator Installation

- (1) Daub a drop of clearly engine oil on O-shape seal ring surface. And be careful not to destroy the seal ring when inserting fuel pressure regulator into fuel distribution tube.

Note:

Do not let engine oil enter into the fuel distribution tube.

- (2) Check if fuel pressure regulator run smoothly. If not, O-shape seal ring may be locked. Please remove fuel pressure regulator and check if the seal ring has been destroyed. And then insert pressure regulator into fuel distribution tube and check it again.

Throttle Body Gasket Installation

- (1) Install throttle body gasket as shown and make extrusion at the position shown.

