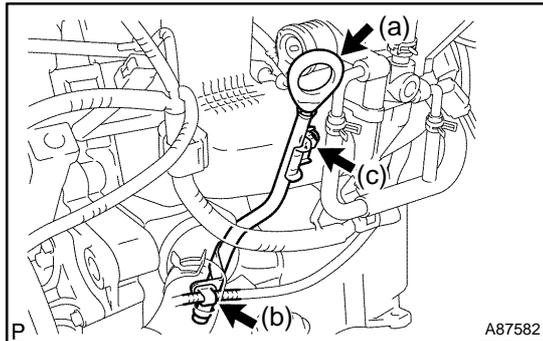
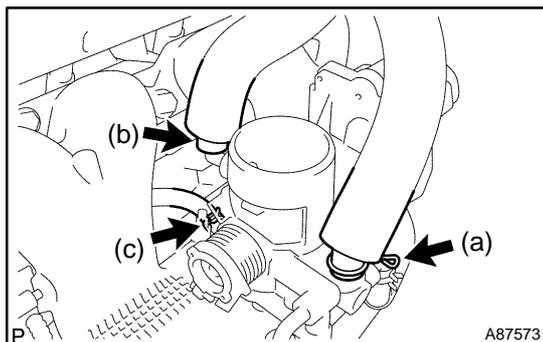


REPLACEMENT

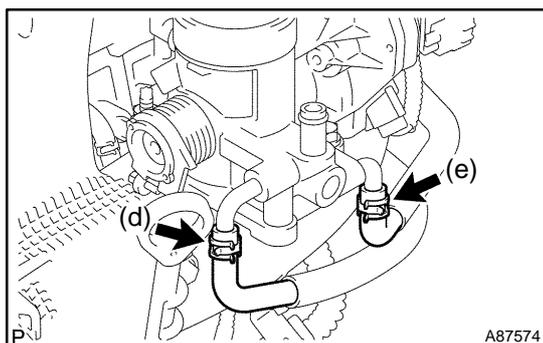
1. REMOVE RADIATOR SUPPORT OPENING COVER (See page 10-15)
2. REMOVE ENGINE UNDER COVER LH
3. DRAIN ENGINE COOLANT (See page 16-11)
4. REMOVE REAR FLOOR BOARD NO.2 (See page 19-2)
5. REMOVE DECK FLOOR BOX REAR (See page 19-2)
6. REMOVE REAR FLOOR BOARD NO.3 (See page 19-2)
7. DISCONNECT ENGINE WIRE NO.3 (BATTERY NEGATIVE TERMINAL) (See page 19-2)
8. REMOVE AIR CLEANER ASSY (See page 10-15)



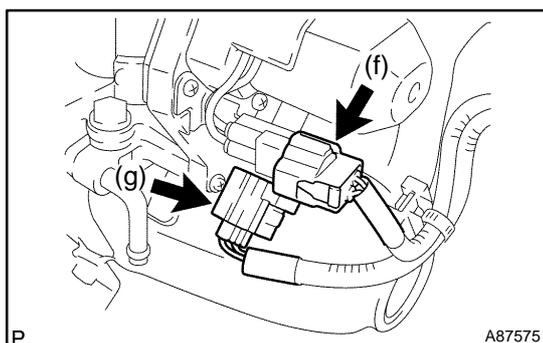
9. REMOVE OIL LEVEL GAUGE GUIDE
 - (a) Remove the oil level gauge from the oil level gauge guide.
 - (b) Remove the wire harness clamp.
 - (c) Remove the bolt, then pull out the oil level gauge guide.



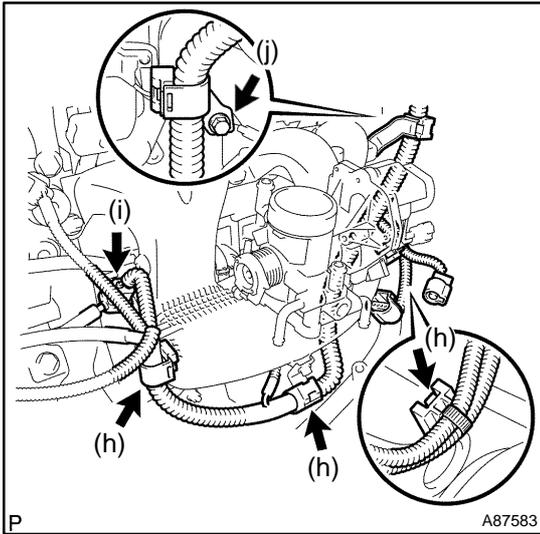
10. REMOVE INTAKE MANIFOLD
 - (a) Disconnect the ventilation hose from the throttle with motor body.
 - (b) Disconnect the ventilation hose No. 2 from the throttle with motor body.
 - (c) Disconnect the fuel vapor feed hose No. 1 from the throttle with motor body.



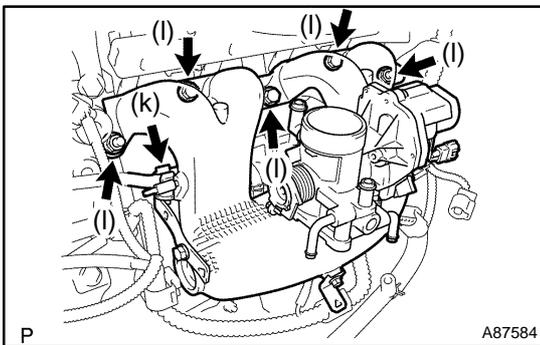
- (d) Disconnect the water by-pass hose from the throttle with motor body.
- (e) Disconnect the water by-pass hose No. 2 from the throttle with motor body.



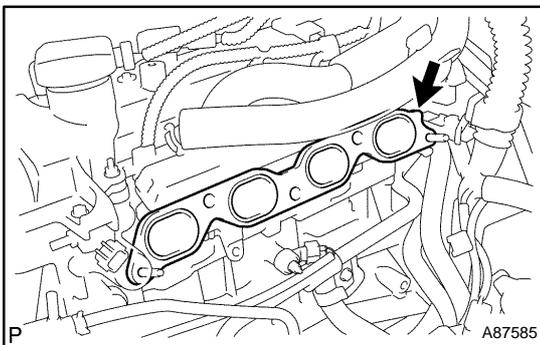
- (f) Disconnect the throttle control motor connector.
- (g) Disconnect the throttle position sensor connector.



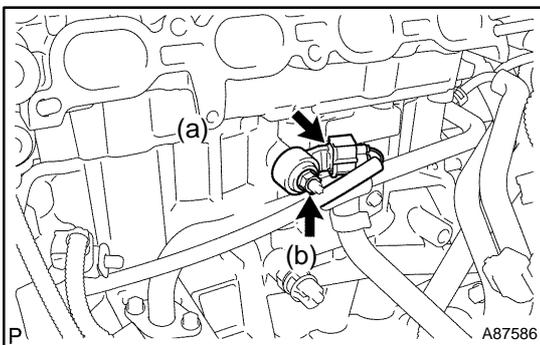
- (h) Remove the 3 wire harness clamps.
- (i) Remove the connector clamp.
- (j) Remove the bolt, then remove the harness clamp bracket.



- (k) Remove the fuel vapor feed hose No. 1 from the hose clamp.
- (l) Remove the 3 bolts and 2 nuts, then remove the intake manifold.

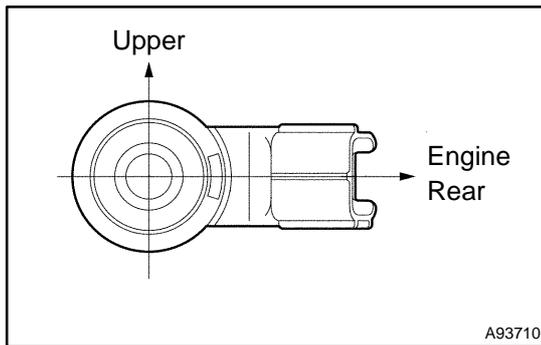


- (m) Remove the gasket from the cylinder head.



11. REMOVE KNOCK SENSOR

- (a) Disconnect the knock sensor connector.
- (b) Remove the nut, then remove the knock sensor.

**12. INSTALL KNOCK SENSOR**

- (a) Install the knock sensor with the nut.

Torque: 20 N·m (204 kgf·cm, 15 ft·lbf)

NOTICE:

Be careful to install the knock sensor in the correct direction.

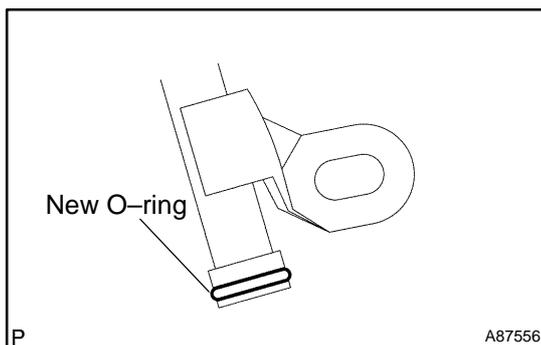
- (b) Connect the knock sensor connector.

13. INSTALL INTAKE MANIFOLD

- (a) Install a new gasket to the cylinder head.
 (b) Install the intake manifold with the 3 bolts and 2 nuts.
Torque: 20 N·m (204 kgf·cm, 15 ft·lbf)
 (c) Install the fuel vapor feed hose No. 1 to the hose clamp.
 (d) Install the harness clamp bracket with the bolt.

Torque: 9.0 N·m (92 kgf·cm, 80 in·lbf)

- (e) Install the connector clamp.
 (f) Install the 3 wire harness clamps.
 (g) Connect the throttle position sensor connector.
 (h) Connect the throttle control motor connector.
 (i) Connect the water by-pass hose No. 2 to the throttle with motor body.
 (j) Connect the water by-pass hose to the throttle with motor body.
 (k) Connect the fuel vapor feed hose No. 1 to the throttle with motor body.
 (l) Connect the ventilation hose No. 2 to the throttle with motor body.
 (m) Connect the ventilation hose to the throttle with motor body.

**14. INSTALL OIL LEVEL GAUGE GUIDE**

- (a) Apply a light coat of engine oil to a new O-ring, then install it to the oil level gauge guide.
 (b) Apply a light coat of engine oil to the O-ring again, then install the oil level gauge guide with the bolt.

Torque: 9.0 N·m (92 kgf·cm, 80 in·lbf)

NOTICE:

Be careful that the O-ring is not cracked or jammed when installing.

- (c) Install the wire harness clamp.
 (d) Install the oil level gauge to the oil level gauge guide.

15. INSTALL AIR CLEANER ASSY (See page 10-15)**16. CONNECT ENGINE WIRE NO.3 (BATTERY NEGATIVE TERMINAL) (See page 19-2)****17. ADD ENGINE COOLANT (See page 16-11)****18. CHECK FOR ENGINE COOLANT LEAKS (See page 16-11)****19. CHECK FOR ENGINE OIL LEAKS****20. INSTALL REAR FLOOR BOARD NO.3****21. INSTALL DECK FLOOR BOX REAR****22. INSTALL REAR FLOOR BOARD NO.2****23. INSTALL ENGINE UNDER COVER LH**

24. **INSTALL RADIATOR SUPPORT OPENING COVER**
25. **POWER WINDOW CONTROL SYSTEM INITIALIZE (See page 01-28)**