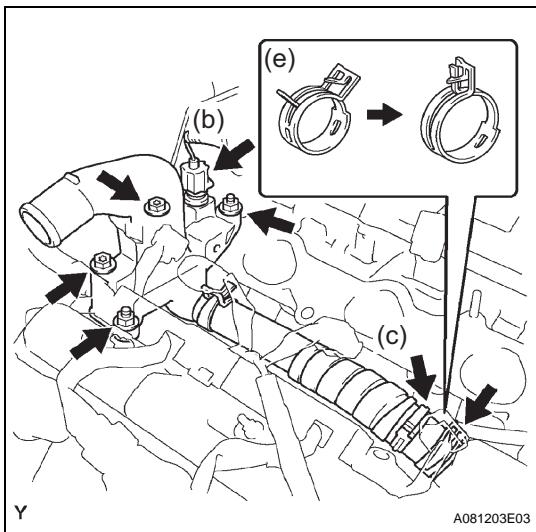


16. REMOVE WATER OUTLET

(a) Disconnect the radiator hose inlet.



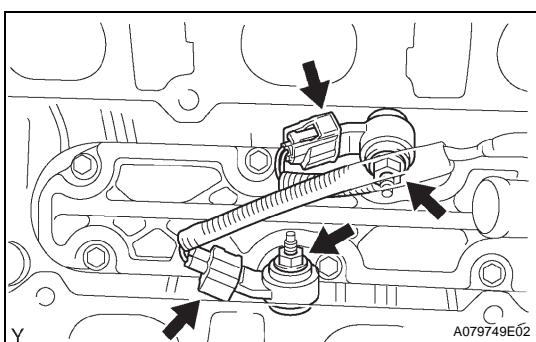
(b) Disconnect the engine coolant temperature sensor connector.

(c) Remove the clamp.

(d) Remove the 2 bolts, 2 nuts and 2 washers.

(e) Lock the hose clamp as shown in the illustration and remove the water outlet together with water by-pass hose No. 1.

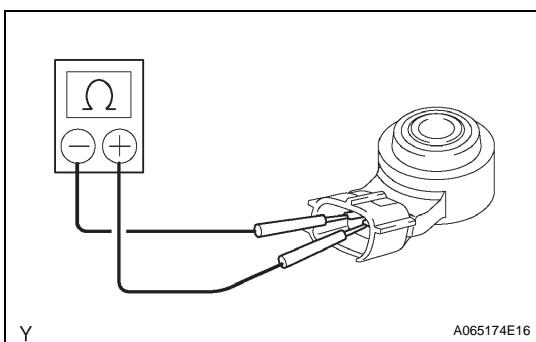
(f) Remove the 2 gaskets from the 2 cylinder heads.



17. REMOVE KNOCK SENSOR

(a) Disconnect the 2 knock sensor connectors.

(b) Remove the 2 nuts, and then remove the 2 knock sensors.



INSPECTION

1. INSPECT KNOCK SENSOR

(a) Continuity inspection.

(1) Using an ohmmeter, measure the resistance between the terminals.

Resistance:

120 to 280 kΩ at 20°C (68°F)

HINT:

If the resistance is not specified, replace the sensor.

INSTALLATION

1. INSTALL KNOCK SENSOR

- (a) Install the 2 knock sensors with the 2 nuts as shown in the illustration.

Torque: 20 N*m (199 kgf*cm, 14 ft.*lbf)

- (b) Connect the 2 knock sensor connectors.

2. INSTALL WATER OUTLET

- (a) Install 2 new gaskets to the 2 cylinder heads.

- (b) Install the water outlet together with water by-pass hose No. 1 and unlock the hose clamp.

- (c) Tighten the 2 bolts, 2 nuts and 2 washers.

Torque: 15 N*m (153 kgf*cm, 11 ft.*lbf)

- (d) Install the clamp.

- (e) Connect the engine coolant temperature sensor connector.

- (f) Connect the radiator hose inlet.

3. INSTALL ENGINE MOVING CONTROL ROD (See page [EM-29](#))

4. INSTALL INTAKE MANIFOLD

- (a) Install the intake manifold with the 9 bolts, 2 nuts and 2 washers. Using several steps, tighten the bolts and nuts uniformly in the sequence shown in the illustration.

Torque: 15 N*m (153 kgf*cm, 11 ft.*lbf)

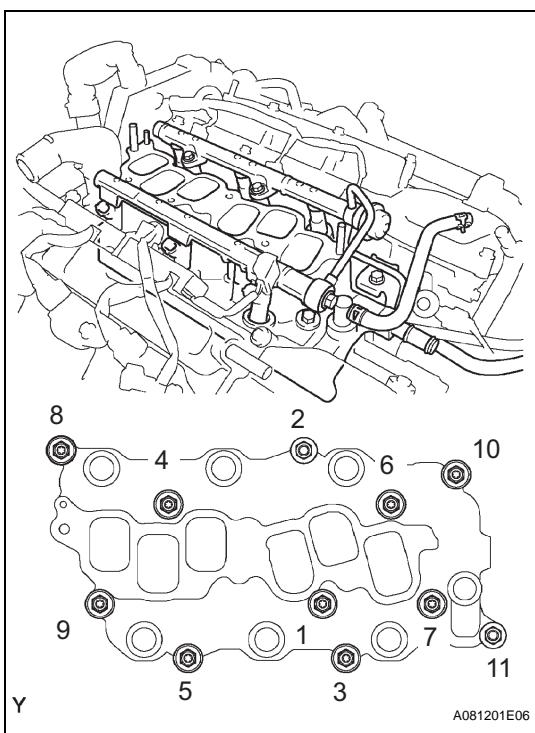
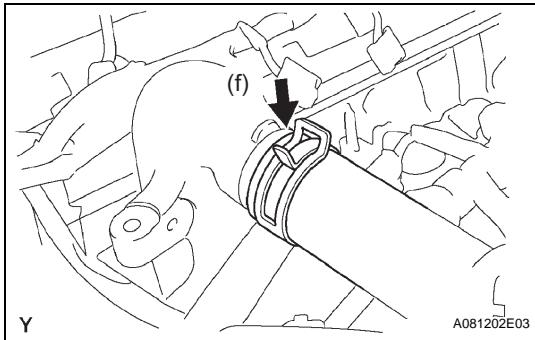
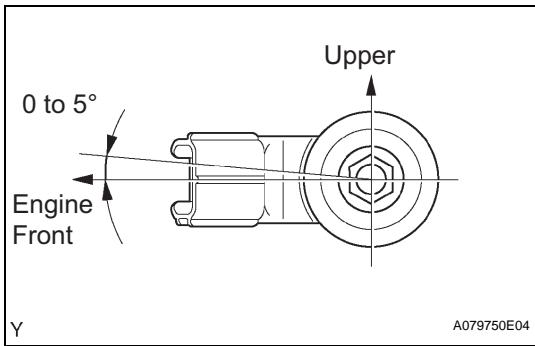
- (b) Retighten the water outlet mounting bolts and nuts.

Torque: 15 N*m (153 kgf*cm, 11 ft.*lbf)

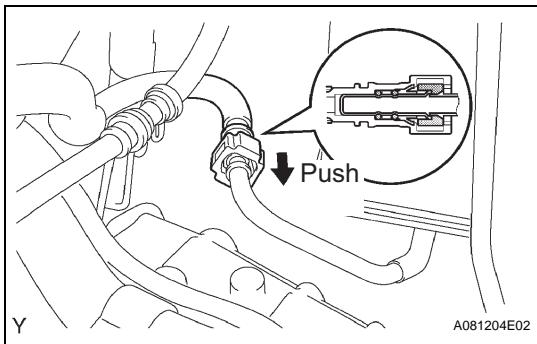
- (c) Install the ground cable with the nut.

Torque: 8.4 N*m (86 kgf*cm, 74 in.*lbf)

- (d) Connect the heater inlet water hose.



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(e) Connect the fuel pipe No. 1.

- (1) Push in the quick connector to the pipe until it makes "click" sound.

NOTICE:

- Check if there is any damage or foreign objects on the connected part.
- After connecting, check if the connector and pipe are securely connected by pulling them.

- (2) Install the EFI fuel pipe clamp.

5. **INSTALL INTAKE AIR SURGE TANK** (See page [FU-15](#))
6. **INSTALL EMISSION CONTROL VALVE SET** (See page [FU-16](#))
7. **INSTALL AIR CLEANER CAP SUB-ASSEMBLY** (See page [FU-16](#))
8. **CHECK CONNECTION OF VACUUM HOSE** (See page [EM-127](#))
9. **ADD ENGINE COOLANT** (See page [CO-7](#))
10. **CHECK FOR ENGINE COOLANT LEAKS** (See page [CO-1](#))
11. **CHECK FOR FUEL LEAKS** (See page [FU-4](#))
12. **INSTALL V-BANK COVER SUB-ASSEMBLY** (See page [ES-374](#))
13. **INSTALL COWL TOP PANEL SUB-ASSEMBLY OUTER** (See page [FU-16](#))
14. **INSTALL WINDSHIELD WIPER LINK ASSEMBLY** (See page [WW-38](#))
15. **INSTALL COWL TOP VENTILATOR LOUVER SUB-ASSEMBLY**
16. **INSTALL FRONT FENDER TO COWL SIDE SEAL RH**
17. **INSTALL FRONT FENDER TO COWL SIDE SEAL LH**
18. **INSTALL FR WIPER ARM RH** (See page [WW-40](#))
19. **INSTALL FR WIPER ARM LH** (See page [WW-39](#))

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