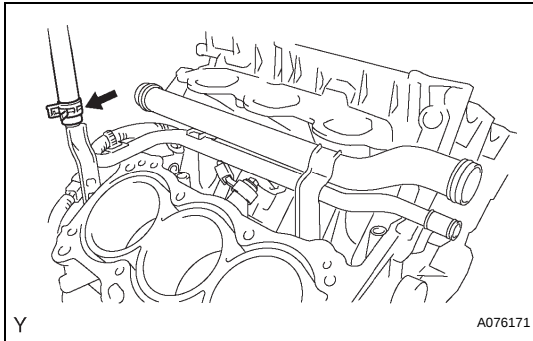
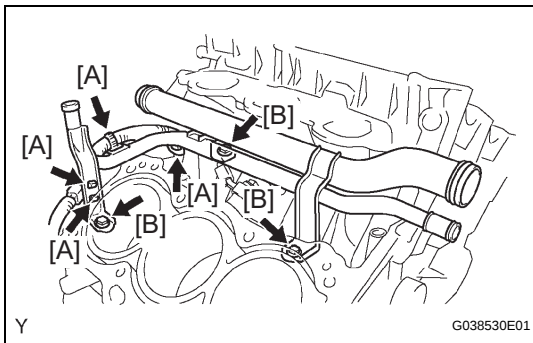


REMOVAL

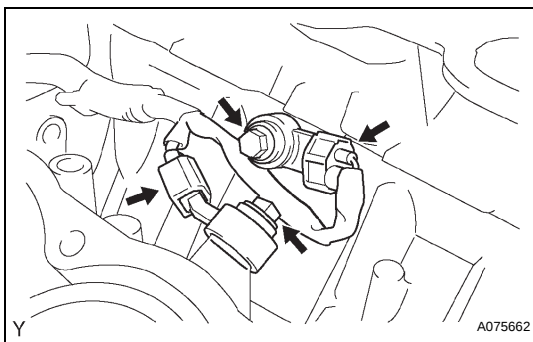
1. REMOVE CYLINDER HEAD SUB-ASSEMBLY (See page [EM-82](#))



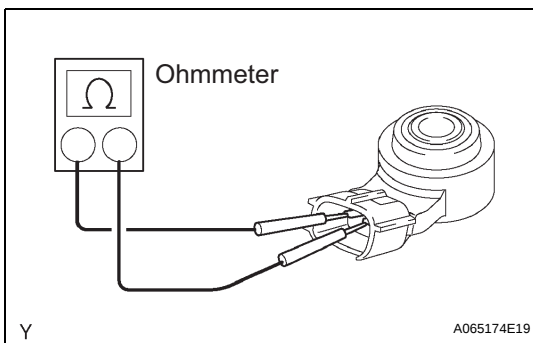
2. DISCONNECT HEATER WATER INLET HOSE A
 - (a) Disconnect the heater water inlet hose A.



3. REMOVE WATER OUTLET PIPE NO.1
 - (a) Remove the 4 wire harness clamps [A].
 - (b) Remove the 3 bolts [B] and the water outlet pipe.



4. REMOVE KNOCK SENSOR
 - (a) Disconnect the 2 knock sensor connectors.
 - (b) Remove the 2 bolts and the 2 knock sensors.



INSPECTION

1. INSPECT KNOCK SENSOR

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

Resistance:

120 to 280 kΩ at 20°C (68°F)

HINT:

If the resistance is not as specified, replace the sensor.

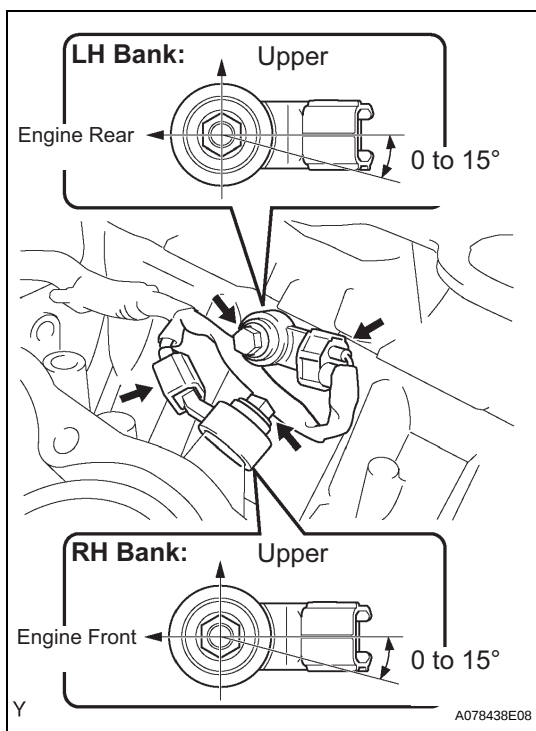
INSTALLATION

1. INSTALL KNOCK SENSOR

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

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

- (b) Connect the 2 knock sensor connectors.

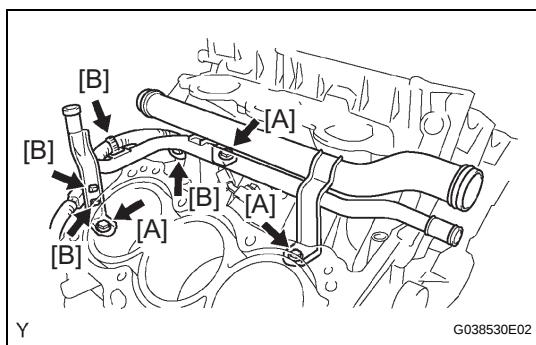


2. INSTALL WATER OUTLET PIPE NO.1

- (a) Install the 3 bolts [A] and the water outlet pipe.

Torque: 10 N*m (102 kgf*cm, 7 ft.*lbf)

- (b) Install the 4 wire harness clamps [B].



3. CONNECT HEATER WATER INLET HOSE A

- (a) Connect the heater water inlet hose A.

4. INSTALL CYLINDER HEAD SUB-ASSEMBLY (See page [EM-85](#))

