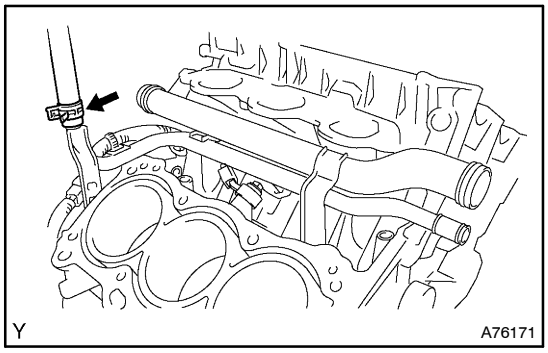
KNOCK SENSOR (1GR–FE)

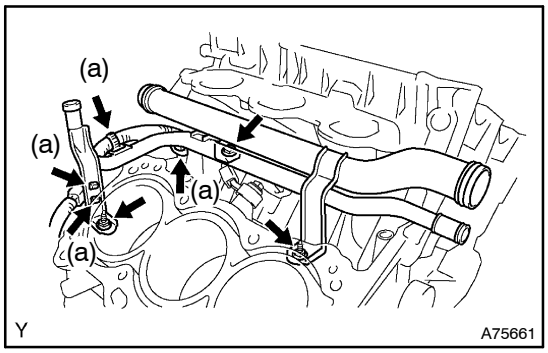
100D9–02

REPLACEMENT

1. REMOVE CYLINDER HEAD SUB–ASSY (See page 14–89)



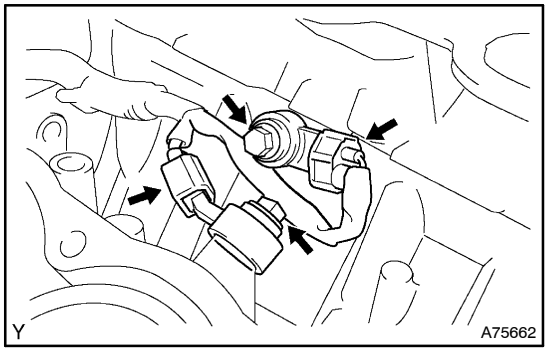
2. DISCONNECT HEATER WATER INLET HOSE A



3. REMOVE WATER OUTLET PIPE NO.1

(a) Remove the 4 wire harness clamps.

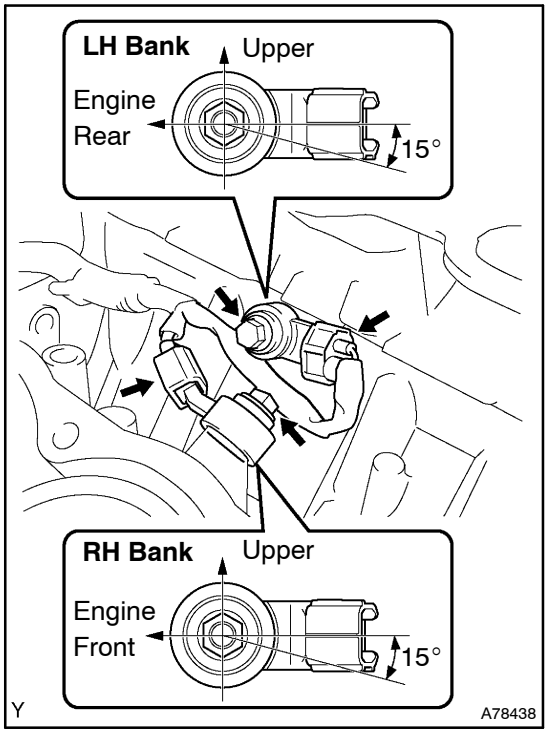
(b) Remove the bolt, the 2 nuts and the water outlet pipe.



4. REMOVE KNOCK SENSOR

(a) Disconnect the 2 knock sensor connectors.

(b) Remove the 2 bolts and the 2 knock sensors.



5. INSTALL KNOCK SENSOR

(a) Install the 2 knock sensor with the 2 bolts.
Torque: 20 N·m (204 kgf·cm, 15 ft·lbf)

(b) Connect the 2 knock sensor connectors.

6. REMOVE WATER OUTLET PIPE NO.1
Torque: 9.0 N·m (92 kgf·cm, 80 in.·lbf)

7. CONNECT HEATER WATER INLET HOSE A

8. INSTALL CYLINDER HEAD SUB–ASSY (See page 14–89)