THERMOSTAT (1KZ–TE)

160HB–01

REPLACEMENT

1. REMOVE ENGINE UNDER COVER SUB–ASSY NO.1

(a) Remove the 4 bolts and engine under cover.

2. DRAIN ENGINE COOLANT (See page 16–34)

3. REMOVE WATER INLET

(a) Remove the oil level gage , bolt, O–ring and oil level gage guide.

(b) Remove the bolt and wire harness clamp.

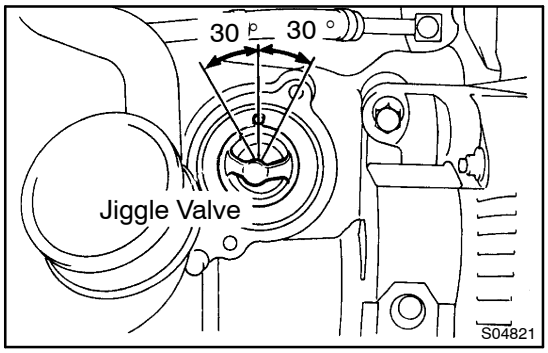
(c) Remove the bolt and oil cooler tube clamp No. 3.

(d) Remove the water inlet and radiator inlet hose with the 3 bolts.

4. REMOVE THERMOSTAT

5. INSTALL THERMOSTAT

(a) Install a new gasket to the thermostat.



(b) Install the thermostat with the jiggle valve upward.

HINT:

The jiggle valve may be set within 30 ° of either side of the prescribed position.

6. INSTALL WATER INLET

(a) Install the water inlet with the 3 bolts.
Torque: 13 N·m (133 kgf·cm, 10 ft·lbf)

(b) Install a new O–ring, oil level gage guide and oil level gage with the bolt.
Torque: 8 N·m (82 kgf·cm, 71 in.·lbf)

(c) Install the wire harness clamp with the bolt.
Torque: 12 N·m (130 kgf·cm, 9 ft·lbf)

(d) Install the oil cooler tube clamp No. 3 with the bolt.
Torque: 12 N·m (130 kgf·cm, 9 ft·lbf)

7. ADD ENGINE COOLANT (See page 16–34)

8. CHECK FOR ENGINE COOLANT LEAKS (See page 16–34)

9. INSTALL ENGINE UNDER COVER SUB–ASSY NO.1

(a) Install the engine under cover with the 4 bolts.
Torque: 29 N·m (300 kgf·cm, 21 ft·lbf)