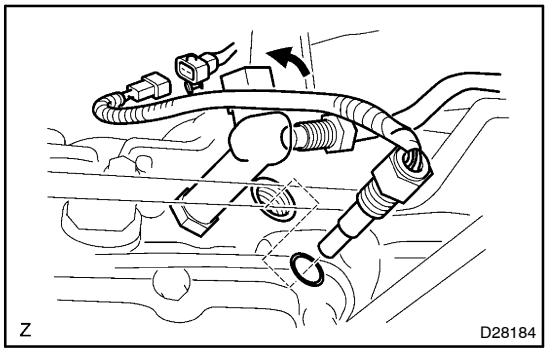
TEMPERATURE SENSOR (ATM)

REPLACEMENT

400TT–01



1. REMOVE TEMPERATURE SENSOR

(a) 3RZ–FE

(1) Remove the 3 bolts and oil cooler pipe clamp.

(2) Using SST, disconect 2 oil cooler pipes.

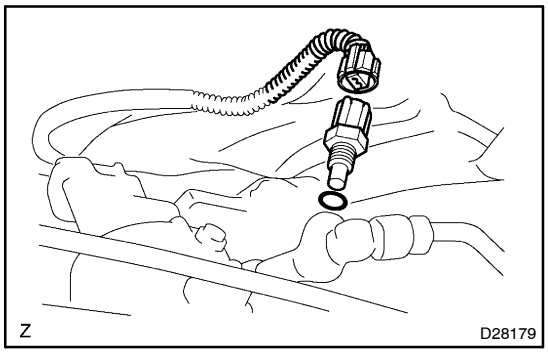
SST 09023–12700

(3) Loosen the elbow.

(4) Disconnect the temperature sensor connector.

(5) Remove the temperature sensor.

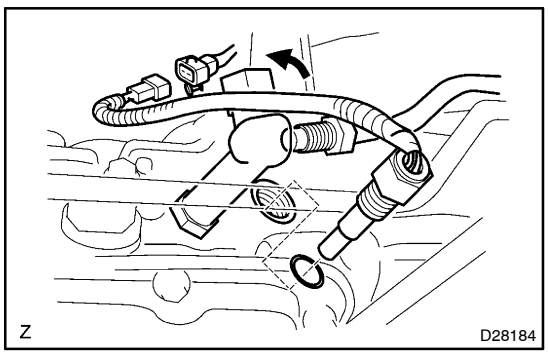
(6) Remove the O–ring from temperature sensor.



(b) 1KD–FTV, 1KZ–TE

(1) Disconnect the temperature sensor connector.

(2) Remove the temperature sensor.



2. INSTALL TEMPERATURE SENSOR

(a) 3RZ–FE

(1) Coat a new O–ring with ATF and install it on the temperature sensor.

(2) Install the temperature sensor.

Torque: 15 N·m (150 kgf·cm, 11 ft·lbf)

(3) Tighten the elbow.

Torque: 29 N·m (300 kgf·cm, 22 ft·lbf)

(4) Using SST and spanner, tighten the oil cooler pipes.

SST 09023–12700

Torque: 34 N·m (350 kgf·cm, 25 ft·lbf)

(5) Install the 3 oil cooler pipe clamps and bolts.

Torque:

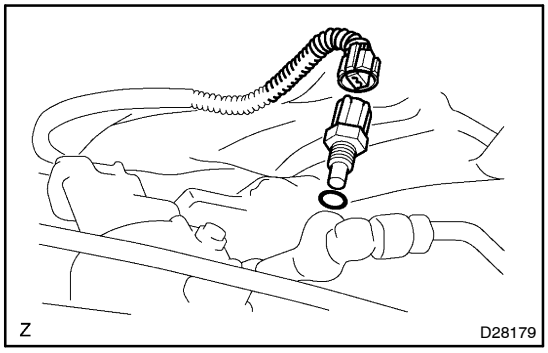
10 mm head bolt: 5.0 N·m (51 kgf·cm, 44 in.·lbf)

12 mm head bolt: 12 N·m (122 kgf·cm, 9 ft·lbf)

(6) Connect the temperature sensor connector.

NOTICE:

Be careful not to twist the harness.



(b) 1KD–FTV, 1KZ–TE

(1) Install the temperature sensor.

Torque: 15 N·m (150 kgf·cm, 11 ft·lbf)

(2) Connect the temperature sensor connector.

NOTICE:

Be careful not to twist the harness.

3. INSPECT AUTOMATIC TRANSMISSION FLUID (See page 40–2)