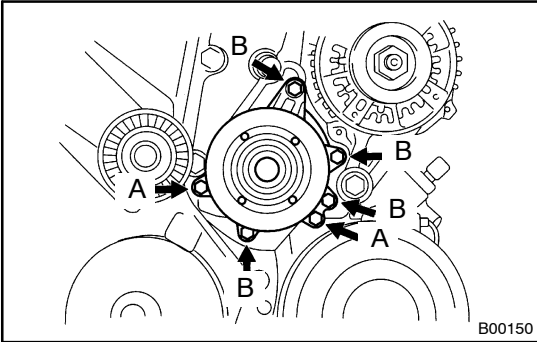




INSTALLATION

1. 1ZZ-FE:

INSTALL WATER PUMP

- (a) Place a new O-ring on the timing chain cover.
- (b) Install the water pump with the 6 bolts.

Torque:

Bolt A 9.0 N·m (92 kgf·cm, 80 in·lbf)

Bolt B 11 N·m (113 kgf·cm, 8 ft·lbf)

HINT:

Each bolt length is indicated in the illustration.

A: 30 mm (1.18 in.)

B: 35 mm (1.38 in.)

2. 2ZZ-GE:

INSTALL WATER PUMP

- (a) Place a new O-ring on the timing chain cover.
- (b) Install the water pump with the 6 bolts.

Torque: 9.0 N·m (92 kgf·cm, 80 in·lbf)

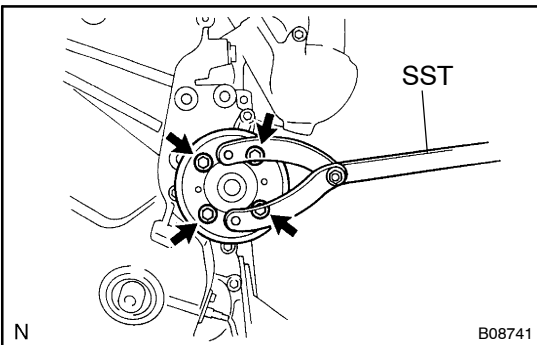
HINT:

Each bolt length is indicated in the illustration.

A: 30 mm (1.18 in.)

B: 35 mm (1.38 in.)

- (c) Install the water pump pulley.



- (d) Using SST, tighten the 4 water pump pulley set bolts.
SST 09960-10010 (09962-01000, 09963-00600)

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

3. INSTALL RH ENGINE UNDER COVER

4. INSTALL DRIVE BELT

(See [page CH-5](#))

5. FILL WITH ENGINE COOLANT

6. START ENGINE AND CHECK FOR LEAKS

7. RECHECK ENGINE COOLANT LEVEL