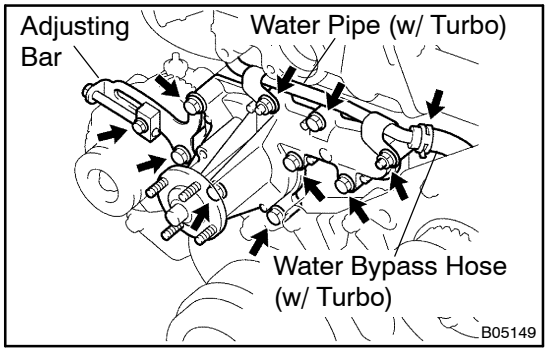
CO0RJ–01

INSTALLATION



1. INSTALL WATER PUMP

(a) Temporarily install a new gasket and the water pump with the 5 bolts.

(b) w/ Turbo:
Connect the turbo water pipe to the water bypass hose.

(c) w/ Turbo:
Temporarily install the turbo water pipe with the 2 nuts.

(d) w/o Turbo:
Temporarily install the 2 nuts.

(e) Temporarily install the alternator with the 3 bolts.

(f) Uniformly tighten the 7 bolts and 2 nuts holding the water pump to the cylinder block.
Torque:
19.6 N·m (200 kgf·cm, 14 ft·lbf) for 12 mm head
39.2 N·m (400 kgf·cm, 29 ft·lbf) for 14 mm head

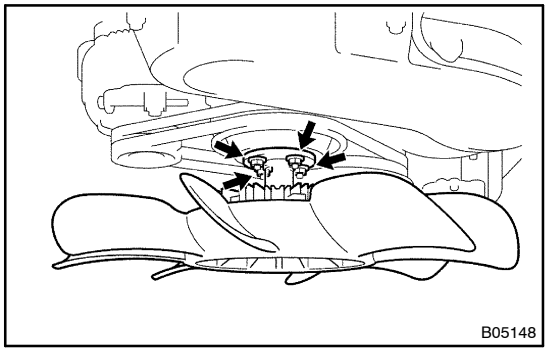
2. 1HD–FTE:
INSTALL NO.2 CYLINDER BLOCK INSULATOR

3. INSTALL CAMSHAFT OIL SEAL RETAINER
(1HZ and 1HD–T: See page EM–31)
(1HD–FTE: See page EM–31)

4. INSTALL NO.1 CAMSHAFT TIMING PULLEY
(See page EM–31)

5. INSTALL IDLER PULLEY (See page EM–31)

6. INSTALL TIMING BELT (See page EM–31)



7. INSTALL WATER PUMP PULLEY, FLUID COUPLING FAN AND DRIVE BELTS

(a) Install the fan to the fluid coupling with 4 new nuts.
Torque: 6.4 N·m (65 kgf·cm, 57 in.·lbf)

(b) Temporarily install the pump pulley, the fan with fluid coupling with the 4 nuts.

(c) Install and adjust the drive belt. (See page CH–2)

(d) tighten the 4 water pump pulley nuts.
Torque: 19.6 N·m (200 kgf·cm, 14 ft·lbf)

8. FILL WITH ENGINE COOLANT

9. START ENGINE, AND CHECK FOR COOLANT LEAKS