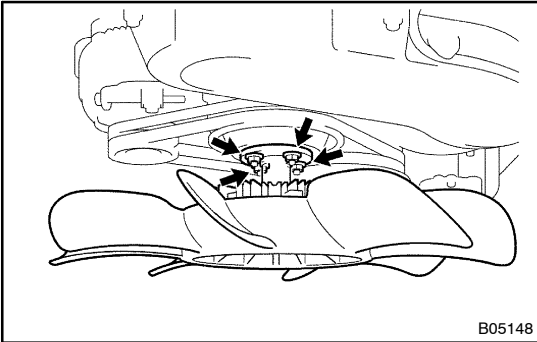


REMOVAL

1. DRAIN ENGINE COOLANT



2. REMOVE DRIVE BELTS, FAN, FLUID COUPLING AND WATER PUMP PULLEY

- (a) Loosen the 4 water pump pulley nuts.
- (b) Loosen the alternator pivot bolt and adjusting lock bolt.
- (c) Loosen the adjusting bolt, and remove the 2 drive belts.
- (d) Remove the 4 nuts, the fan with fluid coupling and pulley.
- (e) Remove the 4 nuts and fan from the fluid coupling.

3. REMOVE TIMING BELT (See page EM-27)

4. REMOVE IDLER PULLEY (See page EM-27)

5. REMOVE NO.1 CAMSHAFT TIMING PULLEY (See page EM-27)

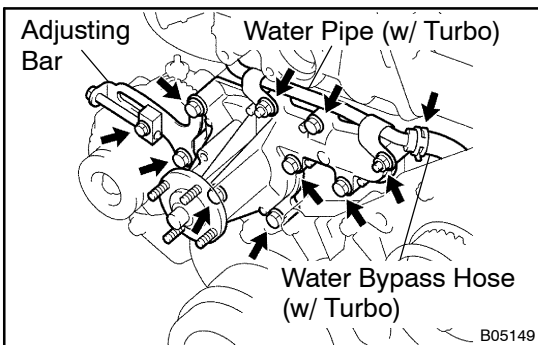
6. REMOVE CAMSHAFT OIL SEAL RETAINER

(1HZ and 1HD-T: See page EM-48)

(1HD-FTE: See page EM-77)

7. 1HD-FTE:

REMOVE NO.2 CYLINDER BLOCK INSULATOR



8. REMOVE WATER PUMP

- (a) Remove the 3 bolts and alternator adjusting bar.
- (b) Remove the 2 nuts.
- (c) w/ Turbo:
Disconnect the turbo water pipe from the water pump.
- (d) w/ Turbo:
Disconnect the turbo water pipe from the water bypass hose.
- (e) Remove the 5 bolts, water pump and gasket.