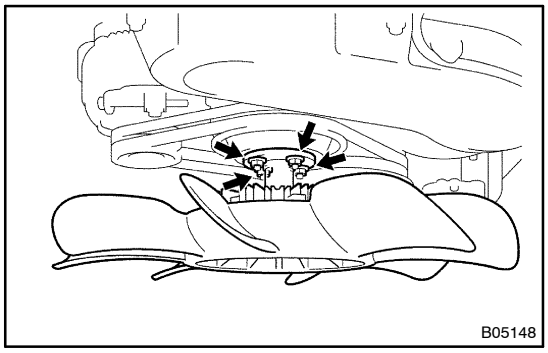
CO0RH–01

# 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.

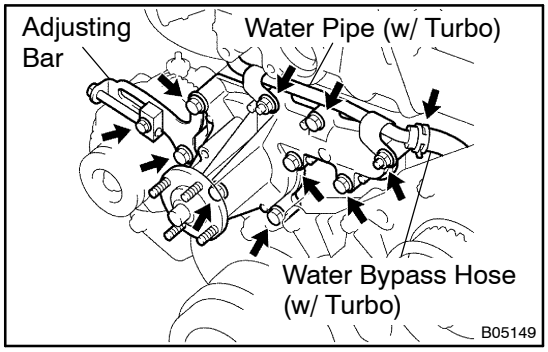
**3. REMOVE TIMING BELT (See page EM–27)**

**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.