WATER PUMP ASSY (15B–FTE)

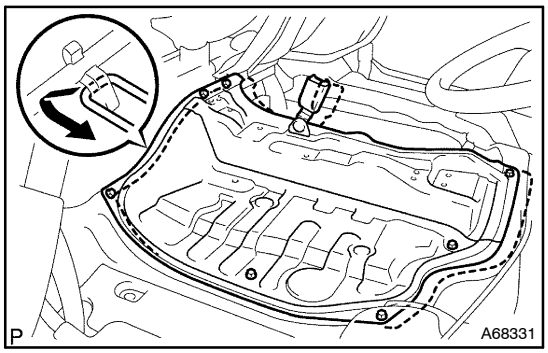
160K5–01

REPLACEMENT

1. **DISCONNECT BATTERY NEGATIVE TERMINAL**
2. **DRAIN ENGINE COOLANT**
3. **REMOVE FRONT SEAT ASSEMBLY (DRIVER SEAT) (W/O TILT CAB CAB TYPE)** (See page 72–2)
4. **REMOVE PARKING BRAKE HOLE COVER (W/O TILT CAB CAB TYPE)**
5. **REMOVE PARKING BRAKE LEVER ASSY (W/O TILT CAB CAB TYPE)** (See page 33–11)
6. **REMOVE FLOOR SHIFT SHIFT LEVER KNOB SUB–ASSY (W/O TILT CAB CAB TYPE)**
7. **REMOVE SHIFTING HOLE COVER SUB–ASSY AND SHIFT LEVER BOOT COVER (W/O TILT CAB CAB TYPE)** (See page 41–19)

(a) Remove the 3 clips and shift lever boot cover.

8. **REMOVE SHIFT AND SELECT TRANSMISSION CONTROL CABLE ASSY (W/O TILT CAB CAB TYPE)**
9. **REMOVE FLOOR SHIFT ASSY (W/O TILT CAB CAB TYPE)**



10. **REMOVE ENGINE SERVICE HOLE SUB COVER SUB–ASSY (W/O TILT CAB CAB TYPE)**

(a) Remove the floor mat.

(b) Remove the 7 bolts and engine service hole sub cover.

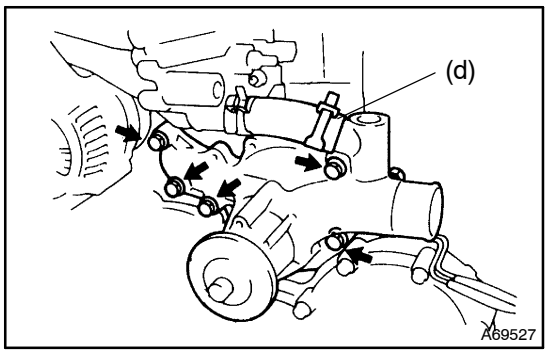
HINT:

As shown in the illustration, slide and remove the engine service hole sub cover, because there is a hook inside.

11. **DISCONNECT RADIATOR HOSE INLET**
12. **DISCONNECT RADIATOR HOSE OUTLET**
13. **REMOVE FAN SHROUD**
14. **REMOVE WATER PUMP ASSY**

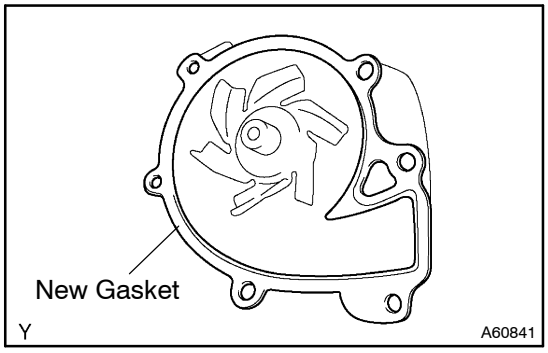
(a) Remove the 2 bolts.

(b) Disconnect the radiator hose from the water pump, and remove the radiator pipe.



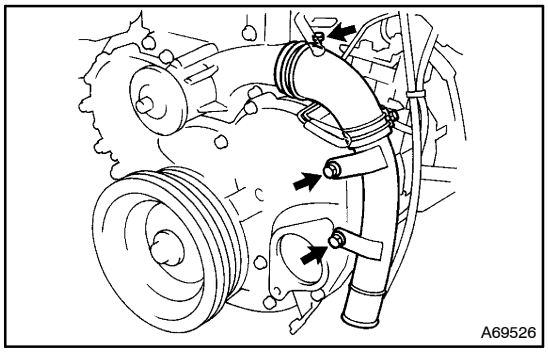
(c) Remove the 5 bolts.

(d) Disconnect the water bypass hose to the water pump, and remove the water pump and gasket.



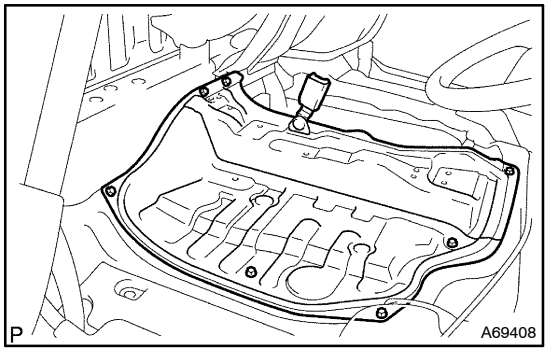
15. INSTALL WATER PUMP ASSY

(a) Install a new gasket to the water pump cover.
(b) Place a new gasket in position on the cylinder block
(c) Connect the water bypass hose to the water pump.
(d) Temporarily install the water pump with the 5 bolts.
(e) Tighten the bolts.
Torque: 25 N·m (255 kgf·cm, 18 ft·lbf)



(f) Connect the radiator hose to the water pump.
(g) Install the radiator pipe with the 2 bolts.
Torque: 18.5 N·m (189 kgf·cm, 14 ft·lbf)

16. INSTALL FAN SHROUD



17. INSTALL ENGINE SERVICE HOLE SUB COVER SUB–ASSY (W/O TILT CAB CAB TYPE)

(a) Install the engine service hole sub cover with the 7 bolts.
Torque: 11.5 N·m (115 kgf·cm, 8.5 ft·lbf)
(b) Install the floor mat.

18. INSTALL FLOOR SHIFT ASSY (W/O TILT CAB CAB TYPE) (See page 41–11)
19. INSTALL SHIFT AND SELECT TRANSMISSION CONTROL CABLE ASSY (W/O TILT CAB CAB TYPE) (See page 41–19)
20. INSTALL PARKING BRAKE LEVER ASSY (W/O TILT CAB CAB TYPE) (See page 33–11)
21. INSTALL FRONT SEAT ASSEMBLY (DRIVER SEAT) (W/O TILT CAB CAB TYPE) (See page 72–2)
22. ADJUST PARKING BRAKE SHOE CLEARANCE (CENTER PARKING BRAKE) (See page 33–11)
23. INSPECT AND ADJUST PARKING BRAKE LEVER TRAVEL (See page 33–11)
24. REFILL ENGINE COOLANT
25. CONNECT BATTERY NEGATIVE TERMINAL
26. CHECK FOR ENGINE COOLANT LEAKS