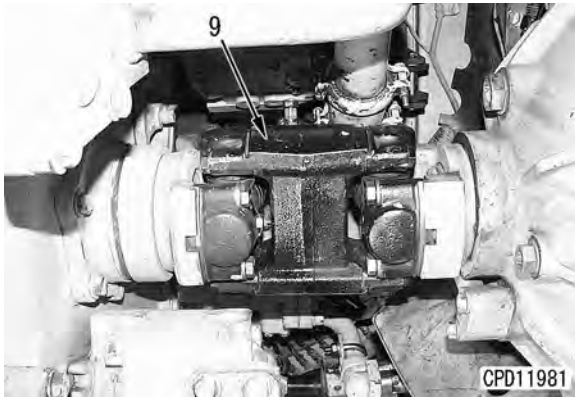
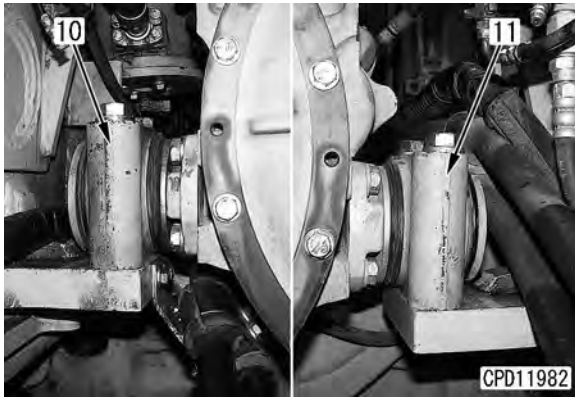


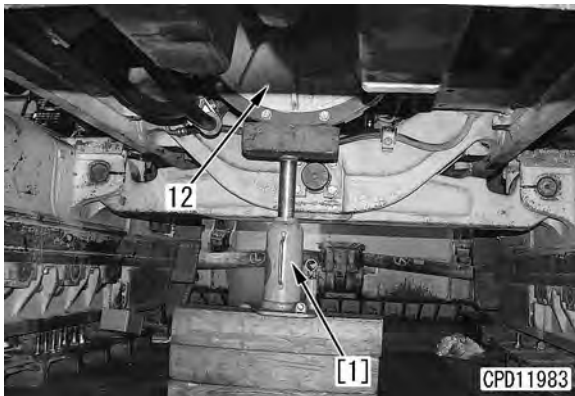
8. Disconnect universal joint assembly (9). [*3]



9. Remove the mounting bolts of both rear engine mounts (10) and (11).

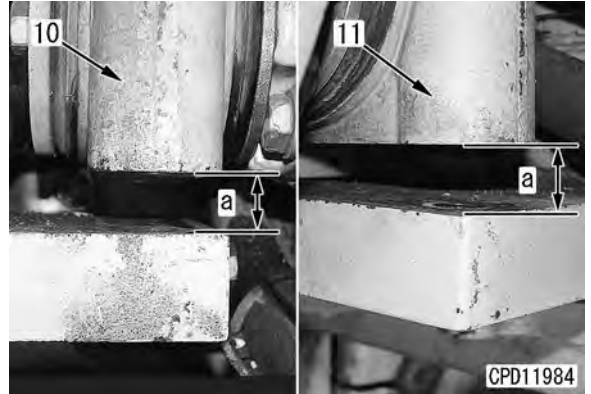


10. Set jack [1] under damper (12) to push up the damper.

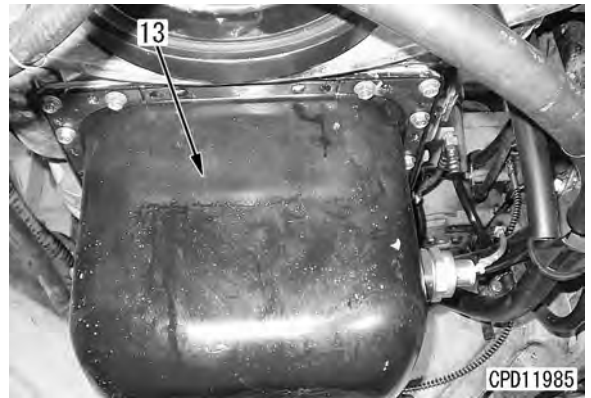


11. Push up the damper until clearance a of both rear engine mounts (10) and (11) is 25 mm.

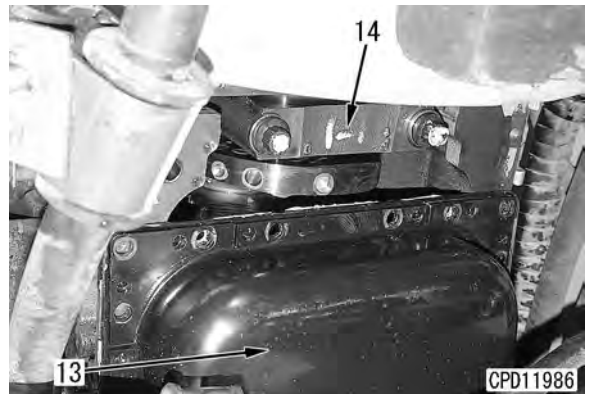
★ This work must be performed to prevent the main cap of No. 6 engine cylinder from interfering with the oil pan when the oil pan is pulled out.



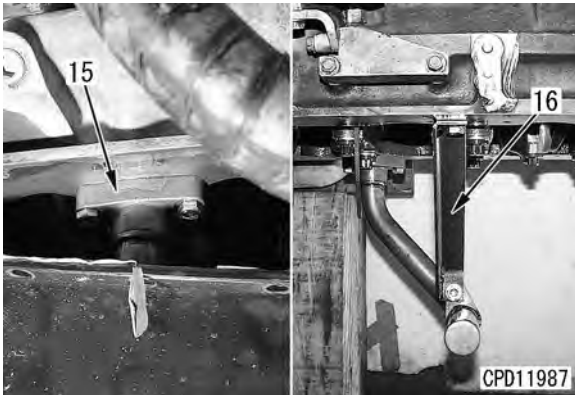
12. Remove the mounting bolts of engine oil pan (13). [*4]




13. Pull oil pan (13) forward until it can pass main cap (14) of No. 6 engine cylinder.

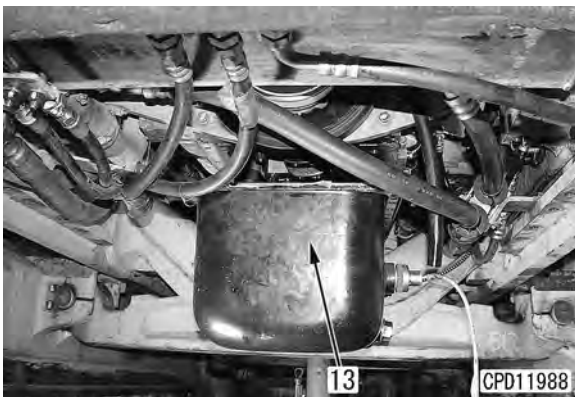


14. Remove oil suction pipe (15) and pipe bracket (16) together.




15. Pull oil pan (13) forward to remove it.

 Oil pan: **26 kg**





INSTALLATION

- Carry out installation in the reverse order to removal.

[*1]  Drain plug:
127.4 – 176.4 Nm {13 – 18 kgm}

[*2] Length of spacer: **L = 98.5 mm (2 pieces)**


[*3]  Mounting bolt:
98.1 – 122.6 Nm {10 – 12.5 kgm}

[*4]  Mating face of oil pan:
Gasket sealant (LG-7)

- **Refilling with water**
Add water through the water filler to the specified level. Run the engine to circulate the water through the system. Then, check the water level again.

 Cooling water: **Approx. 80 ℓ**

- **Refilling with oil**
Tighten the drain plug and add oil through the engine oil filler to the specified level. Run the engine to circulate the oil through the system. Then, check the oil level again.

 Oil pan: **Approx. 47 ℓ**

REMOVAL AND INSTALLATION OF FUEL TANK ASSEMBLY

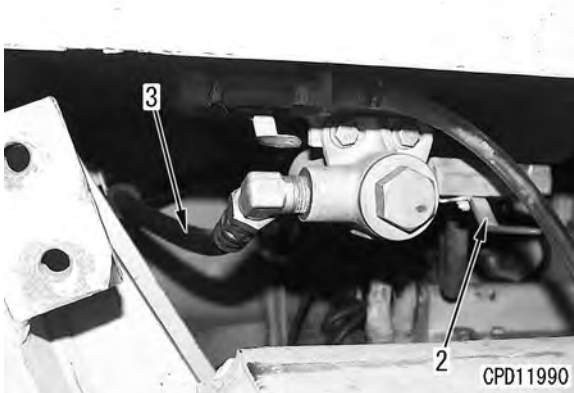
REMOVAL

⚠ Disconnect the cable from the negative (-) terminal of the battery.

- 1. Remove rear cover (1).



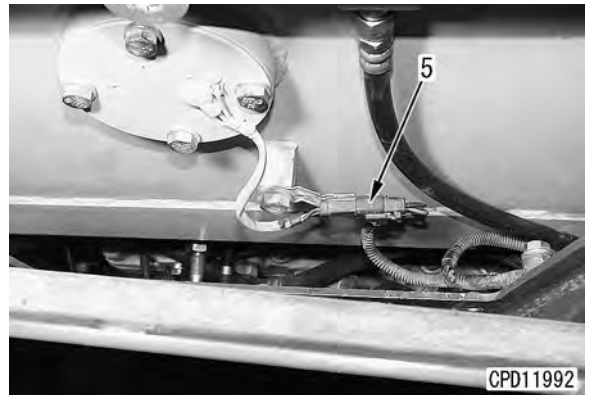
- 2. Close fuel supply valve (2).
- 3. Disconnect fuel supply hose (3).



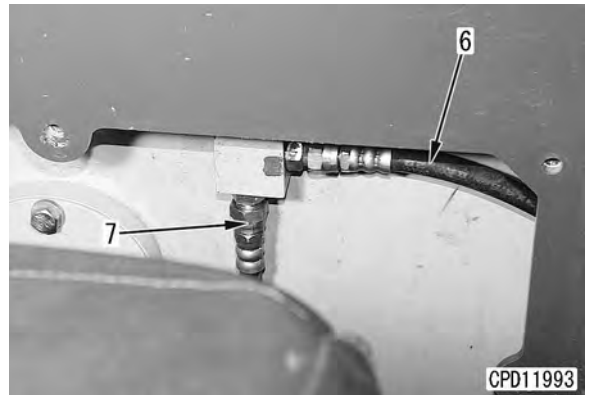
- 4. Remove rear cover (4).



- 5. Disconnect fuel level sensor wiring connector 423 (5).




- 6. Disconnect 2 fuel return hoses (6) and (7).



- 7. Remove 6 fuel tank mounting bolts (8).



8. Lift off fuel tank assembly (9).

 Fuel tank assembly: **215 kg (When empty)**
618 kg (When full)



INSTALLATION


- Carry out installation in the reverse order to removal.

REMOVAL AND INSTALLATION OF RADIATOR ASSEMBLY

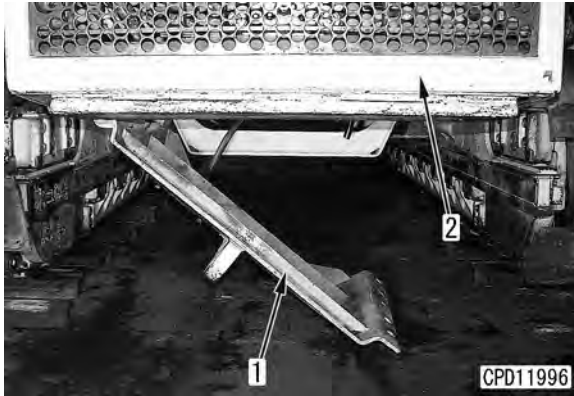
REMOVAL

⚠ Disconnect the cable from the negative (-) terminal of the battery.

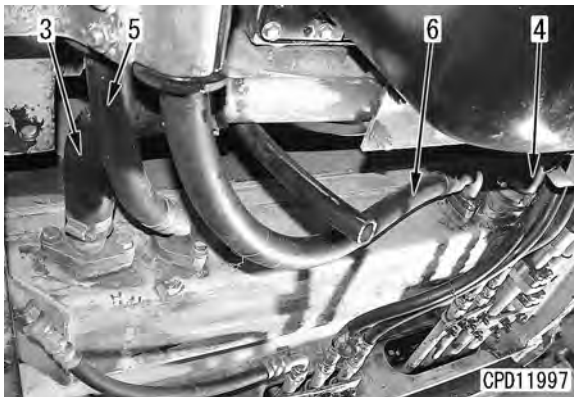
1. Drain the cooling water from the radiator.

 Cooling water: **Approx. 80 ℓ**

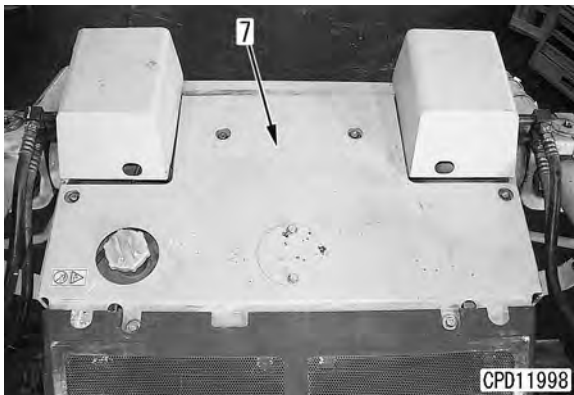
2. Open undercover (1) and guard (2).



3. Disconnect radiator bypass inlet hose (3), radiator outlet hose (4), power train oil cooler inlet hose (5), and outlet hose (6). [^{*}1]



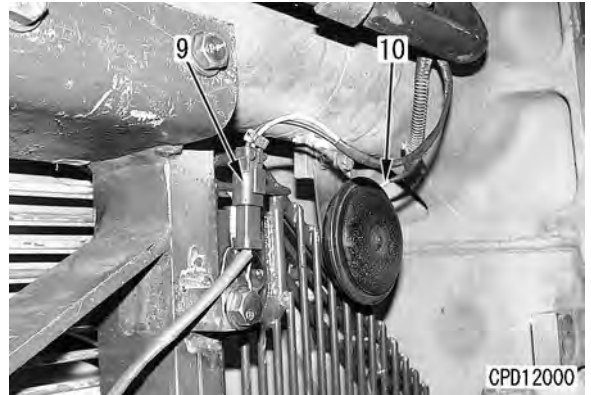
4. Remove radiator upper cover (7).



5. Disconnect right and left head lamp wiring connectors 203 and 204 (8).



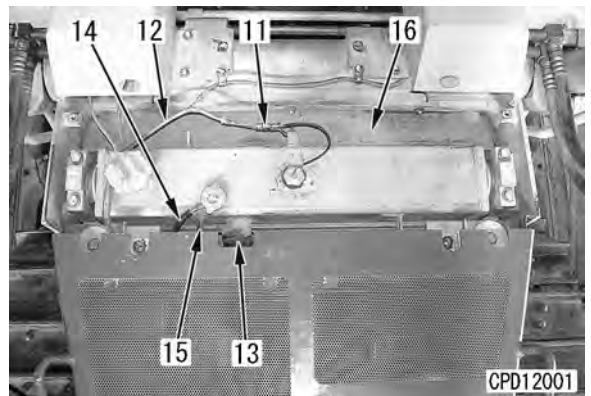
6. Disconnect fan motor solenoid wiring connector FAR2 (9) and horn wiring connector 205 (10).



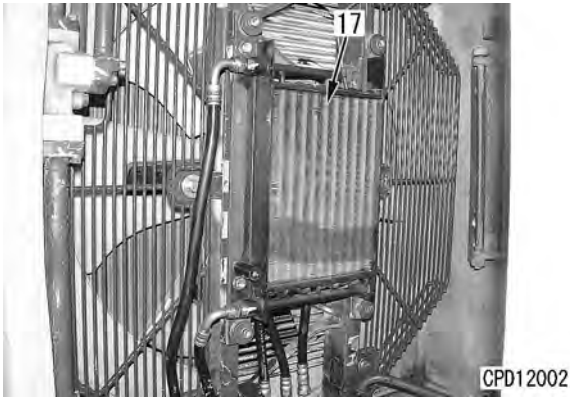
7. Disconnect radiator water level sensor wiring connector WLD (11) and remove the 2 clamps of wiring harness assembly (12).
★ Pull out the wiring harness assembly and place it on the hood.

8. Disconnect radiator inlet hose (13), reservoir hose (14), and aeration hose (15).

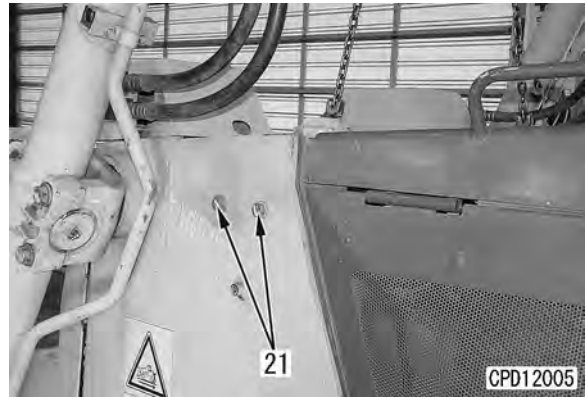
9. Remove windbreak plate (16). [^{*}2]



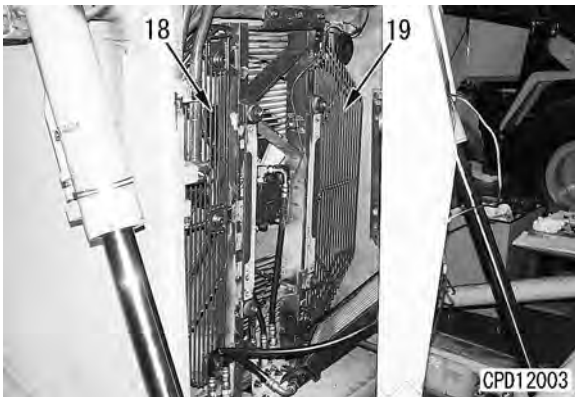
10. Remove hydraulic oil cooler assembly (17).
 ★ Move the oil cooler assembly aside.




13. Sling the radiator assembly temporarily and remove 2 mounting bolts (21) on each side.



11. Remove both fan guards (18) and (19).



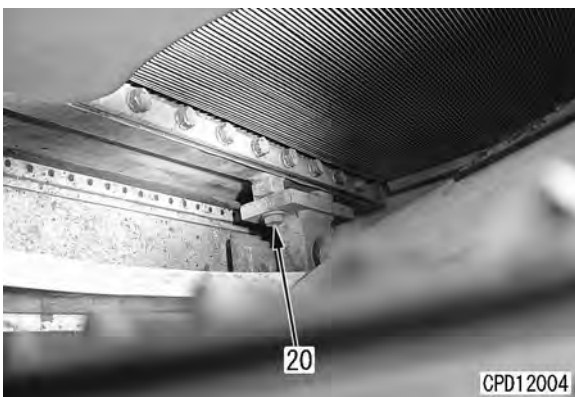
14. Lift off the radiator assembly (22).

 Radiator assembly: **286 kg**



12. Remove 2 mounting bolts (20) of radiator lower bracket.


★ The lower bracket is between the fan and radiator.




INSTALLATION

- Carry out installation in the reverse order to removal.

[*1]

 Radiator bypass inlet hose (3):
 $8.8 \pm 0.5 \text{ Nm } \{90 \pm 5 \text{ kgcm}\}$

 Radiator outlet hose (3):
 $8.8 \pm 0.5 \text{ Nm } \{90 \pm 5 \text{ kgcm}\}$

[*2]

- ★ Fit the rubber windbreak plate to the radiator tank securely.

- **Refilling with water**

Add water through the water filler to the specified level. Run the engine to circulate the water through the system. Then, check the water level again.

 Cooling water: **Approx. 80 ℓ**