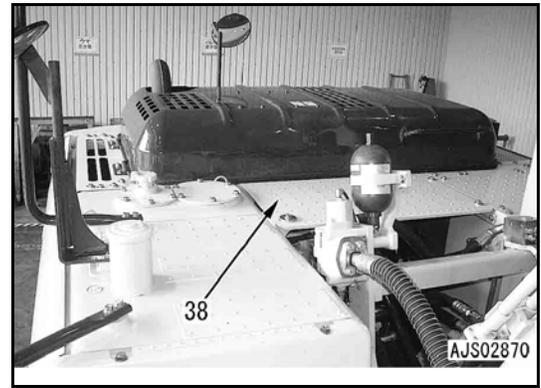


32. Open the engine hood and remove cover (38).

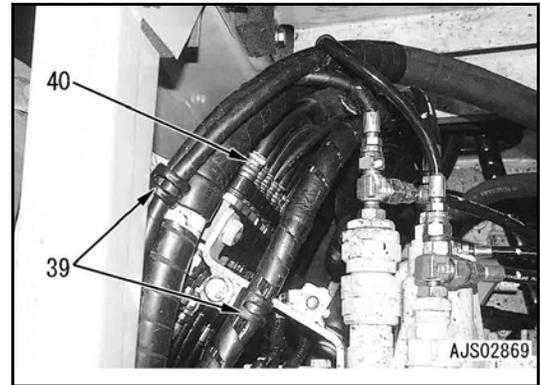


33. Disconnect clamp (39).

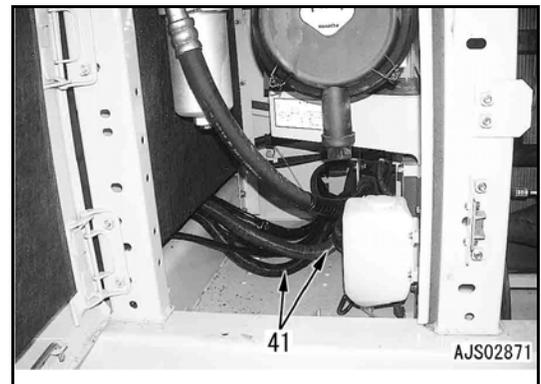
34. Disconnect PPC hose (40) of the work equipment. From the top, the color of the band is:

- White
- Brown
- None
- Blue
- Black
- Green
- Red
- Yellow

★ Prepare an oil sump.



35. Pull out PPC hose assembly (41) of the work equipment.



36. Sling floor frame assembly (42) and remove it.

★ Make sure that the hoses, connectors, clamps, and so on are disconnected without fail.



Floor frame assembly: 250 kg (552 lb)



Installation

- Installation is done in the reverse order of removal.

[*1]

- ★ When installing the air conditioner circuit hoses, take care so that dirt, water, may not enter.
- ★ Make sure before the installation that there is O-ring at the piping connector of the air conditioner hose.
- ★ Check that there is no defect or deterioration on the O-ring.
- ★ When connecting the refrigerant piping, coat the O-ring with compressor oil for new refrigerant (R134a) (Denso: ND-OIL8, Zexcel: ZXL100PG (PAG 46 or equivalent)).



Mounting bolt: 8 - 12 N•m (5.9 - 8.8 lbf ft)

[*2]

- ★ Make sure that the hoses do not lap over.
- Fill the air conditioner circuit with refrigerant (R134a).



Filling quantity: 870 ±50 g (1.91 ±0.11 advp lb)

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



Coolant: Approximately 36 ℓ (9.51 gal)

ELECTRICAL SYSTEMS

Air Conditioner Unit

Removal



WARNING! Disconnect the negative terminal (–) of the battery before starting the work.



WARNING! In the case that you do not drain the coolant, if you disconnect the heater hose when the coolant temperature in the radiator is high, you may be scalded. In this case, wait until the coolant temperature lowers and then disconnect the heater hose.



WARNING! Collect the air conditioner refrigerant (R134a) from air conditioner circuit in advance.

1. Collect the air conditioner refrigerant (R134a) from air conditioner circuit in advance.

★ Ask professionals for collecting and filling operation of refrigerant (R134a),



Quality of refrigerant: 950 ±50 g (2.09 ±0.11 advp lb)

★ Never release the refrigerant (R134a) to the atmosphere.



WARNING! If refrigerant gas (R134a) gets in your eyes, you may lose your sight. Accordingly, put on protective goggles while you are collecting the refrigerant (R134a) or filling the air conditioner circuit with the refrigerant (R134a). Collecting and filling work must be conducted by a qualified person.

2. Turn the upper structure by 90°.
3. Drain the engine coolant.



Coolant: Approximately 36 ℓ (9.51 gal)

4. Remove front window (1).
5. Remove step plate (2).
6. Remove floor mat (3).
7. Remove covers (5) and (6).

