

MACHINE COMPLETION AND EQUIPMENT - 05

ENGINE - 10

HYDRAULIC SYSTEMS - 35

[35.000] Hydraulic systems - 35.1

[35.300] Reservoir, cooler, and filters - 35.2

[35.304] Combination pump units - 35.3

[35.352] Hydraulic swing system - 35.4

[35.353] Hydraulic travel system - 35.5

[35.357] Pilot system - 35.6

CX36B

Tier 4B (final)

Compact Hydraulic Excavator

PIN NETN36001(PX17-40001) and above

SERVICE MANUAL

Part number 47797999

1st edition English

October 2014

CASE
CONSTRUCTION

Radiator - Remove

Prior operation:

Remove the guards which prevents you from accessing the radiator. Refer to **Cab guard - Remove Guard (Cover) (90.150)**.

Prior operation:

Remove the counterweight. Refer to **Cab - Remove Counterweight (90.150)**.

Prior operation:

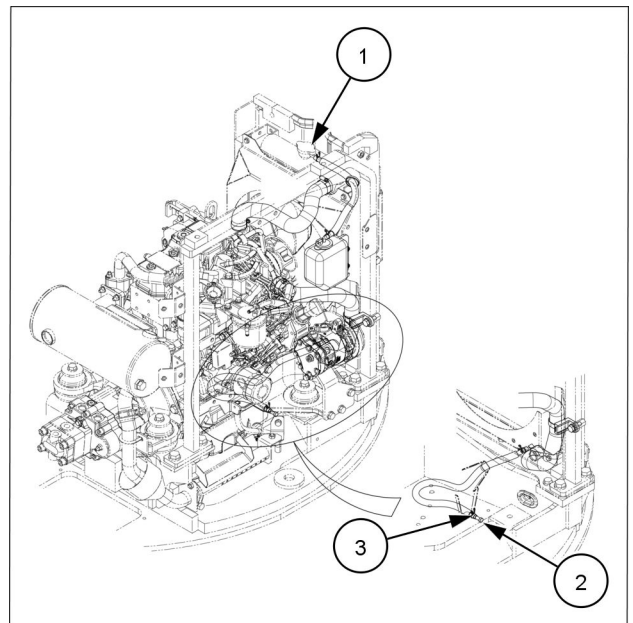
Remove the air conditioner condenser. Remove the receiver dryer. Secure the condenser and the dryer to the outside of the machine.

Prior operation:

Remove the fan guard.

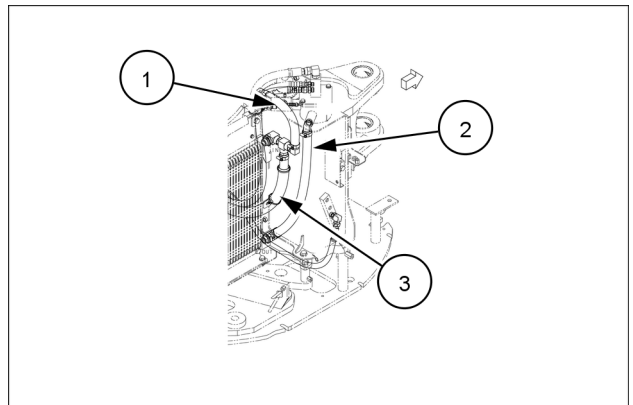
Tools required	
Socket: 17 mm	Pliers
Flat head screwdriver	

1. Relieve the pressure in the cooling system.
2. Remove the radiator cap (1).
3. Loosen clip (2) and remove plug (3) to drain the cooling system. Capacity is approximately **1.80 L (0.48 US gal)**.



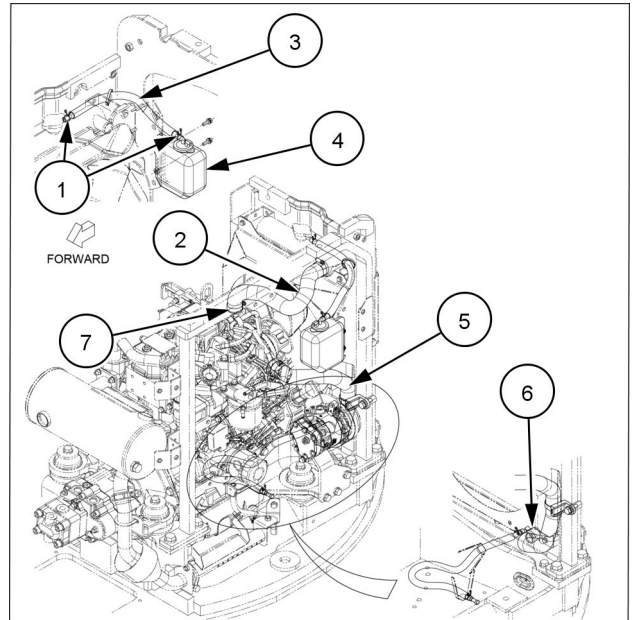
RAIL14CEX1384FA 1

4. Release the pressure in the hydraulic circuit.
5. Remove the oil cooler hoses (1), (2), and (3). Attach plugs to the outlet and inlet of the oil cooler hoses.



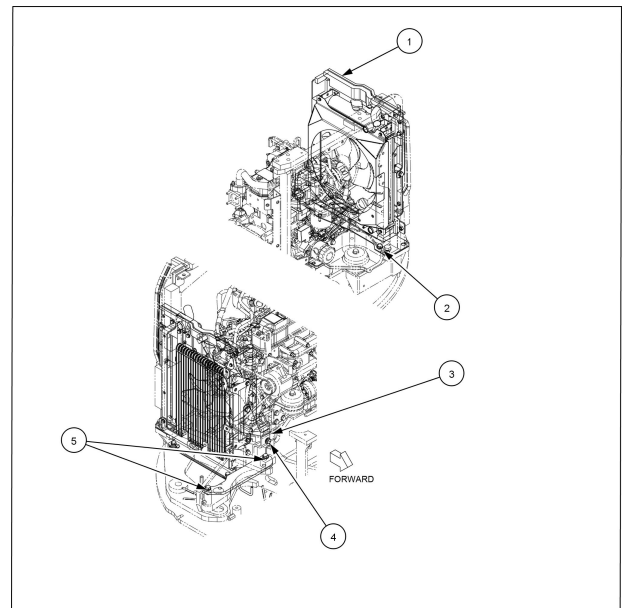
RAIL14CEX1383FA 2

6. Remove clip (1) from the connection hose (3) of the reserve tank (4). Remove the hose (3).
7. Remove radiator hose (2) and (5) secured with clips (4). Remove the hose.



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8. Loosen the three bolts (4). Remove the bracket assembly (3).
9. Loosen two bolts (5) and one (2).
10. Use a suitable lifting device to remove the radiator assembly from the machine. The radiator assembly weighs approximately **23.0 kg (50.7 lb)**.



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