

Case 410 And 420 Skid Steers Service Repair Workshop Manual



410/420 SKID STEER
Service Manual
Bur 6-78950
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RADIATOR

Removal

NOTE: Photos may be slightly different from the machine you are repairing. The procedure is the same.

NOTE: Put caps on all fittings and plugs in all disconnected hoses.

STEP 1

Park the machine on a level surface.

STEP 2

Lift the hood and open the rear access door on the machine.

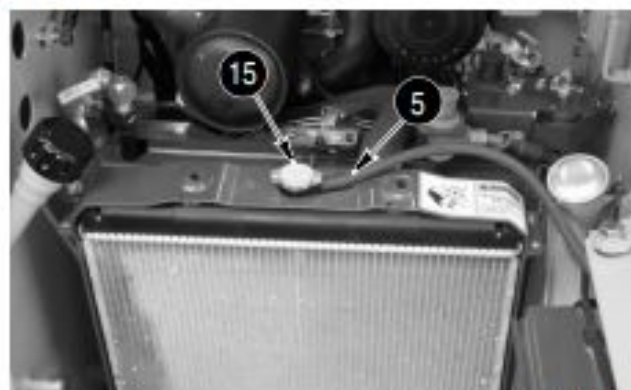
STEP 3

Turn the ignition switch and the master disconnect switch (if equipped) to the OFF position.

STEP 4

Disconnect the negative battery cable from the battery.

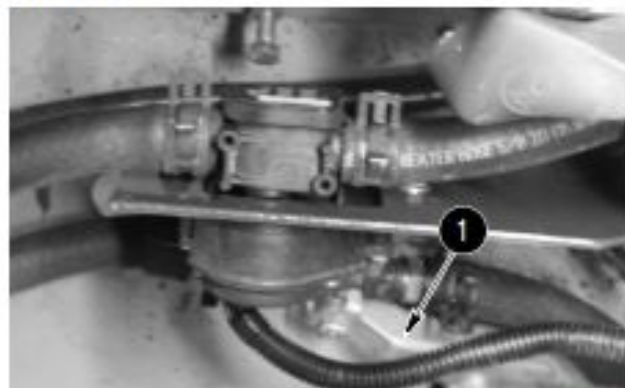
STEP 5



Slowly loosen the radiator cap (15). Disconnect the overflow hose (5) from the radiator neck.

NOTE: Refer to illustration on page 5.

STEP 6



If equipped with a heater, open the heater coolant valve.

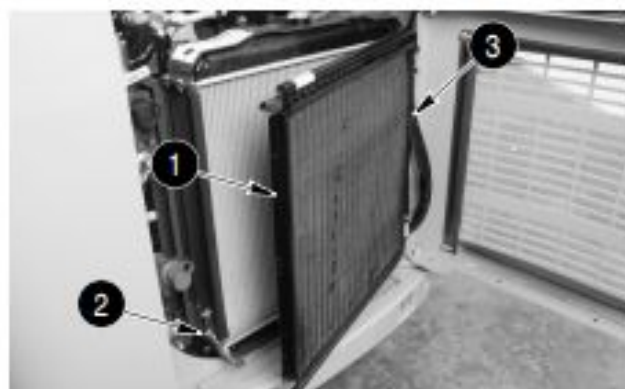
STEP 7

Install a hose on the drain valve (16) and drain the radiator (1) into a clean container that holds approximately 17 litres (4.5 gallons).

STEP 8

If equipped with a heater, close the heater coolant valve (1).

STEP 9



If the machine is equipped with a High Flow Oil Cooler (1), release the latch (2) on the lower left side of the oil cooler and swing the oil cooler away from the radiator. Remove mounting bolts (3) from the hinge and remove the oil cooler (1) from the radiator mounting location. Secure the oil cooler away from the radiator.

STEP 8

1. CYLINDER PIVOT BOLT

Remove the nut from cylinder pivot bolt (1) on the hood end of the cylinder.

STEP 9

Remove the plastic clip (2) from the hood pivot shaft. Slide the hood to the left and remove the hood from the hood pivot shaft on both sides of the machine. Remove the hood from the machine.

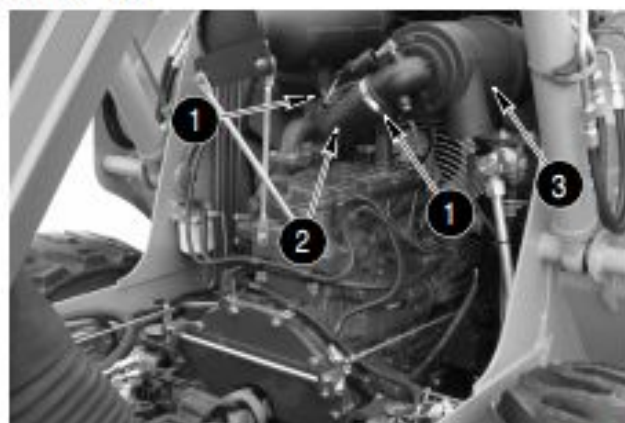
STEP 10

Push the hood to the right hand side of the machine and remove the left hand side of the hood from the pivot pin. Remove the hood from the machine.

STEP 11

1. AIR RESTRICTION INDICATOR SWITCH

Disconnect the electrical connector for the air restriction indicator switch (1).

STEP 12

Loosen the clamps (1) on the outlet hose (2). Remove the outlet hose (2) from the intake and air filter assembly (3).

NOTE: Torque clamps (1) 3 to 4 Nm (25 to 35 pound-inches) during assembly.

NOTE: Refer to illustration on page 14 and 15.

STEP 13

Loosen and remove the mounting bolts and washers from the air filter housing mounting bracket.

STEP 14

Remove the air cleaner and bracket from the machine.



Thank you very much
for your reading.
Please click here
to get more information.