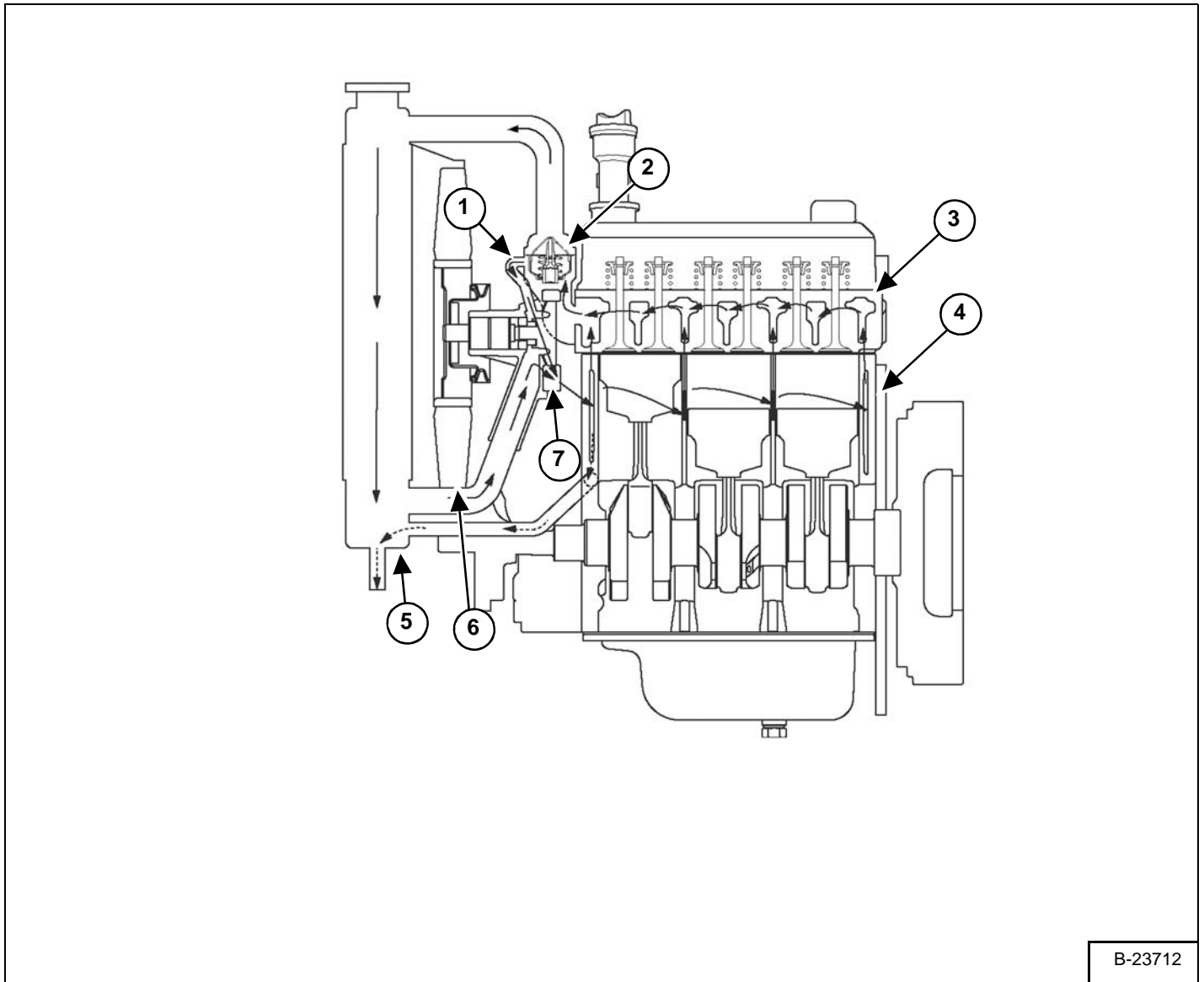


ENGINE COOLING SYSTEM

Description

Figure 70-50-1



- (1) Water Return Pipe
- (2) Thermostat
- (3) Cylinder Head Water Jacket
- (4) Cylinder Block Water jacket
- (5) Radiator
- (6) Cooling Fan
- (7) Water Pump

The cooling system consists of a radiator (Item 5), a centrifugal water pump (Item 7), a cooling fan (Item 6) and a thermostat (Item 2). The water is cooled as it flows through the radiator core, and the fan behind the radiator pulls the cooling air through the radiator core.

The water pump receives water from the radiator or from the cylinder head and forces it into the cylinder block. The thermostat opens or closes according to the water temperature. When the water temperature is high, the thermostat opens to allow the water to flow from the cylinder block to the radiator. When the water temperature is low, the thermostat closes and the flow stays within the block. The opening temperature of the thermostat is approximate 83°C (180°F) [Figure 70-50-1].

ENGINE COOLING SYSTEM (CONT'D)

Radiator Removal And Installation

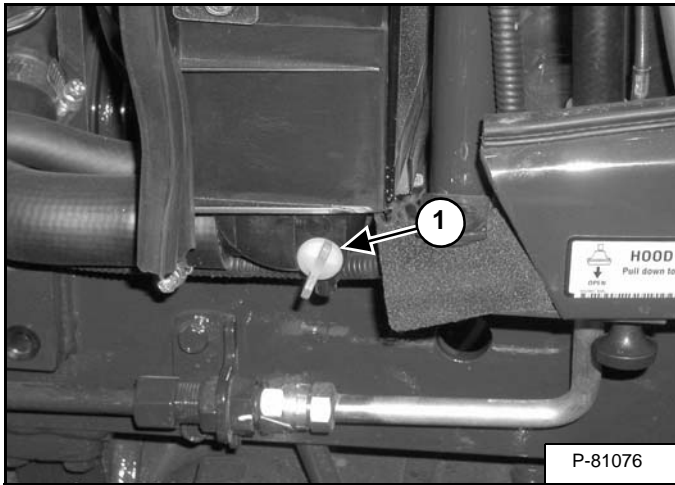
Remove the engine cover. (See Removal And Installation on Page 50-90-1.)

Remove the engine side covers. (See Removal And Installation on Page 50-100-1.)

Remove the air cleaner. (See Removal And Installation on Page 70-40-1.)

Remove the battery. (See Removing And Installing Battery on Page 60-20-1.)

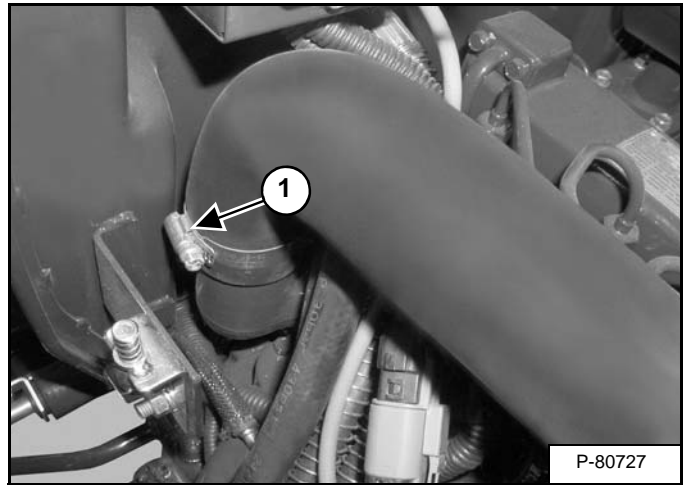
Figure 70-50-2



Open the radiator drain valve (Item 1) [Figure 70-50-2] and drain the coolant from the radiator.

Recycle or dispose of coolant in an environmentally safe manner.

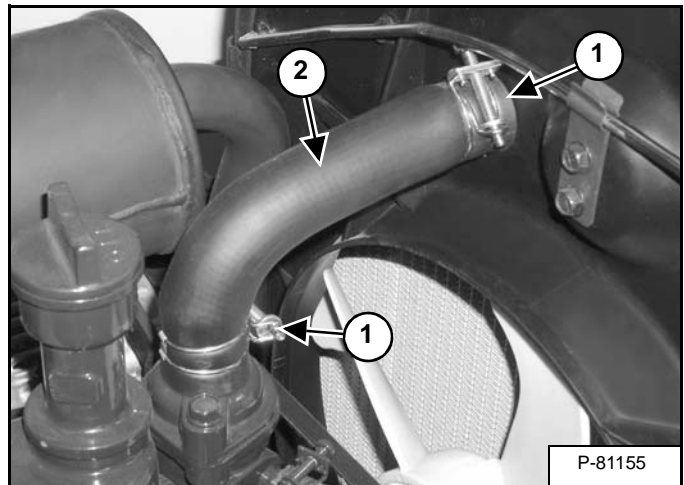
Figure 70-50-3



Loosen the hose clamp (Item 1) [Figure 70-50-3] from the air cleaner hose.

Remove the air cleaner hose.

Figure 70-50-4

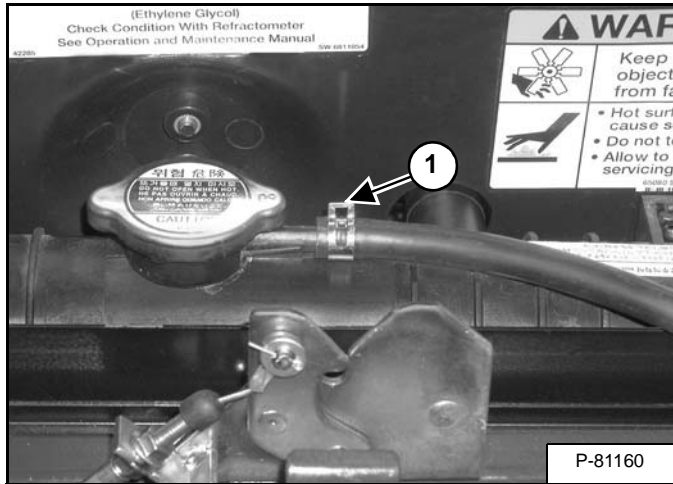


Loosen the hose clamps (Item 1) and remove the top radiator hose (Item 2) [Figure 70-50-4].

ENGINE COOLING SYSTEM (CONT'D)

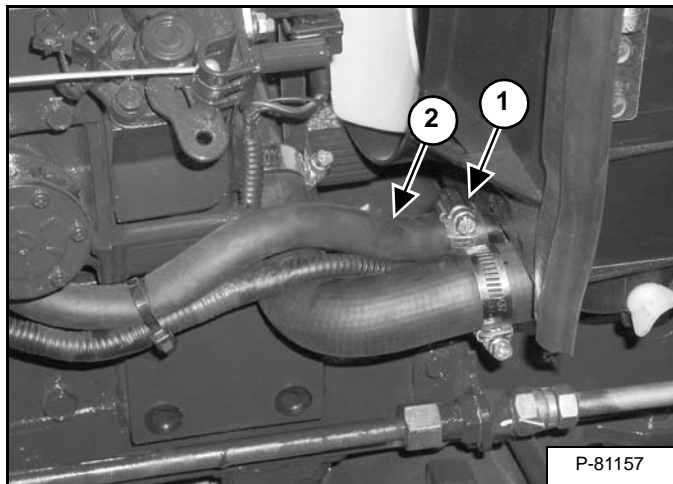
Radiator Removal And Installation (Cont'd)

Figure 70-50-5



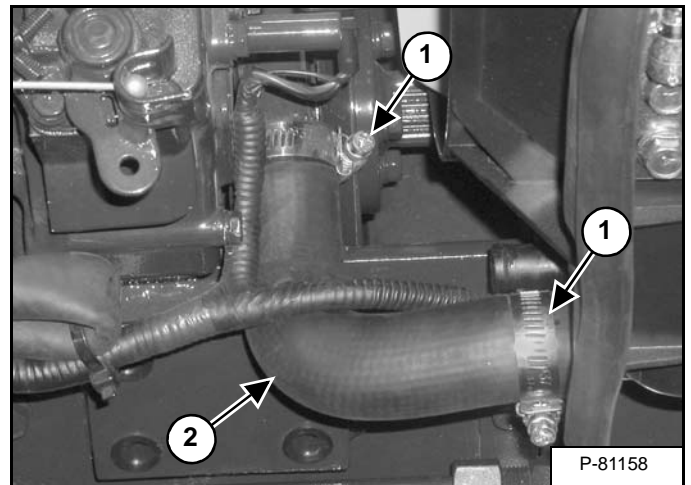
Remove the radiator over flow hose (Item 1) [Figure 70-50-5] from the radiator.

Figure 70-50-6



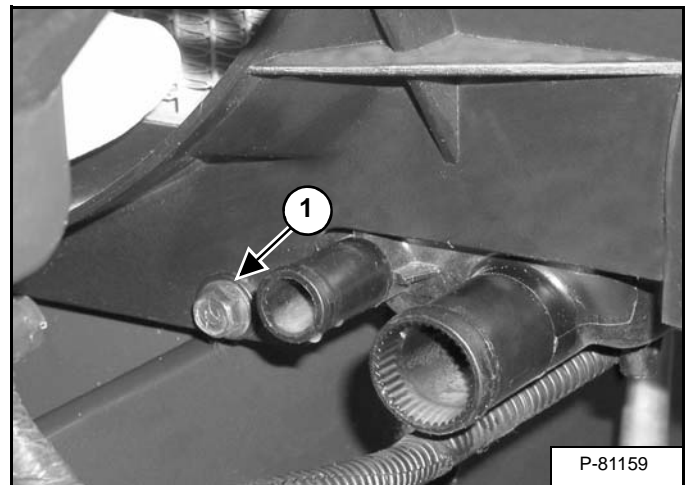
Loosen the clamp (Item 1) and remove the coolant return hose (Item 2) [Figure 70-50-6] from the radiator.

Figure 70-50-7



Loosen the clamps (Item 1) and remove the lower radiator hose (Item 2) [Figure 70-50-7] from the radiator.

Figure 70-50-8



Remove the bolt (Item 1) [Figure 70-50-8] from the bottom of the radiator shroud. (Both sides)