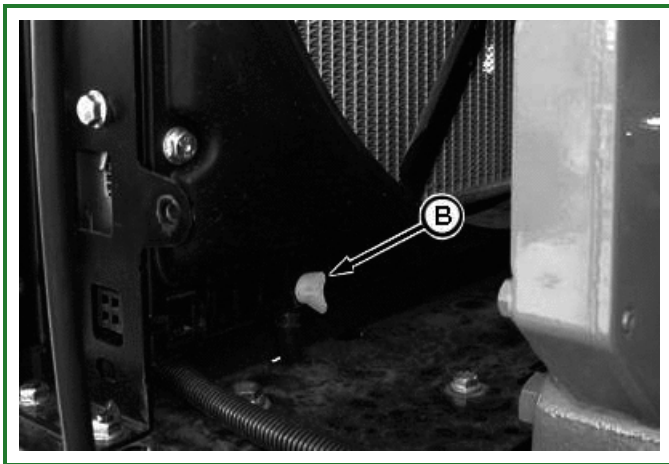


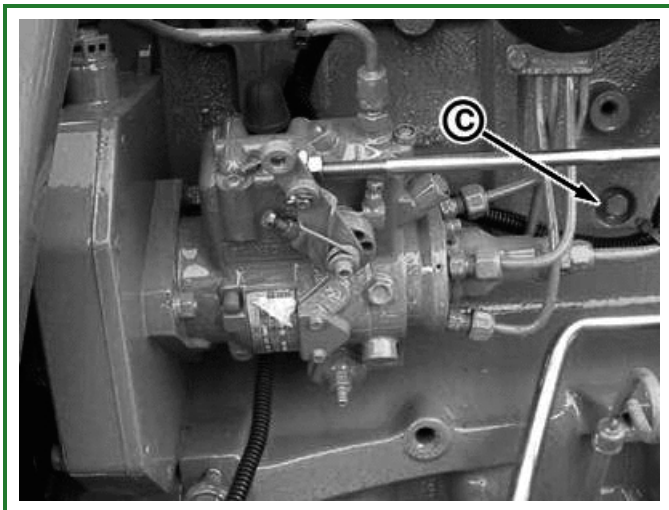
## Flush Cooling System and Replace Thermostat



**P13709-UN: Radiator Cap**



**P13710-UN: Drain Valve**



**P13415-UN: Drain Plug**

### **LEGEND:**

A - Radiator Cap

B - Drain Valve

C - Drain Plug

**-: Service Interval**

Service Interval — **Every 2000 hours/2 years** , whatever occurs first.

**NOTE:**

*Block drain plug is located above oil filter.*

For efficient operation, drain old coolant, flush the entire system, replace thermostat, and fill with clean antifreeze solution at least once every 2 years.

**⚠ CAUTION:**

***DO NOT remove radiator cap or drain coolant until coolant is cold (temperature gauge should be below the green striped zone). Always loosen radiator cap or drain cock slowly to relieve any excess pressure.***

1. Drain coolant - Remove radiator cap (A). Open drain valve (B) on radiator and drain coolant from radiator. Drain coolant from engine block:

- Open drain plug (C) on left-hand side of engine block.

**IMPORTANT:**

Thermostat must be removed to insure a thorough flush.

2. Remove thermostat - Remove thermostat cover, remove thermostat, and reinstall cover (without thermostat). Tighten cap screws to 47 N.m (35 lb-ft).
3. Flush system with water - Close all drain valves/plugs and fill system with clean water. Run engine about 10 minutes to stir up possible rust or sediment. Stop engine and drain water from system before rust and sediment settle.
4. Flush system with Radiator Cleaner - Close all drain valve/plugs, reinstall coolant start aid switch, and fill the cooling system with a good commercial radiator cleaner and water. Follow instructions provided with cleaner. Stop engine and immediately drain system.
5. Flush system with water. - Close all drain valve/plugs, reinstall coolant start aid switch, and fill with clean water to flush the system. Run the engine about 10 minutes, then drain out flushing water.