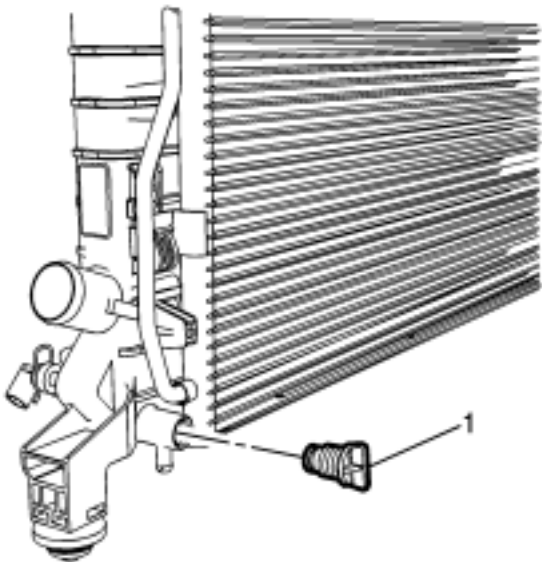


Cooling System Draining and Filling

Draining Procedure

Warning: To avoid being burned, do not remove the radiator cap or surge tank cap while the engine is hot. The cooling system will release scalding fluid and steam under pressure if radiator cap or surge tank cap is removed while the engine and radiator are still hot.

1. Remove the coolant pressure cap from the radiator surge tank.
2. Raise and support the vehicle. Refer to [Lifting and Jacking the Vehicle](#) .
3. Remove the front bumper opening lower cover. Refer to [Front Bumper Fascia Opening Lower Cover Replacement](#) .
4. Place a drain pan under the drain cock.



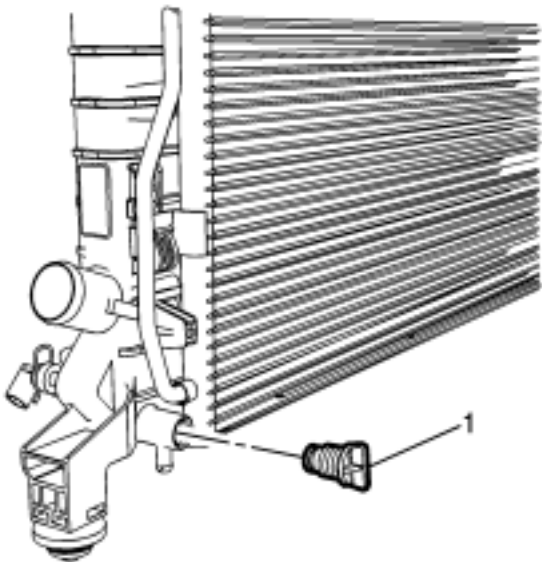
5. Loosen the radiator drain cock (1).
6. Drain the cooling system.
7. Lower the vehicle.
8. Inspect the coolant.
9. Follow the appropriate procedure based on the condition of the coolant.
 - Normal in appearance—Follow the filling procedure.
 - Discolored—Follow the flush procedure. Refer to [Coolant System Flushing](#) .

Filling Procedure

Caution: The procedure below must be followed. Improper coolant level could result in a low or high coolant level condition, causing engine damage.

1. Raise and support the vehicle.

Caution: Refer to [Fastener Caution](#) .



2. Tighten the radiator drain cock (1) to **2 N·m (18 lbin)**.
3. Install the front bumper opening lower cover. Refer to [Front Bumper Fascia Opening Lower Cover Replacement](#) .
4. Lower the vehicle.

Note: Use a 50/50 mixture of DEX-COOL antifreeze and clean drinkable water.

5. Slowly fill the radiator with a 50/50 coolant mixture until the coolant level reaches the base of the radiator surge tank. Refer to [Approximate Fluid Capacities](#) .