

Cooling System Service with R106 Cooling System Flush

**R106 is compatible with all coolant flush and fluid exchange equipment. Please follow the instructions for the equipment you are using*

**Specialized Equipment is not required*



Note: During the service procedure, the engine will have to be brought up to normal operating temperature. DO NOT open the radiator cap until the vehicle's cooling system has been allowed to cool. Please read complete instructions before starting the procedure.

Before Performing Procedure:

- **Wear proper clothing, gloves, goggles, etc.**
- **Check Engine Oil**
- **Check Transmission Fluid**
- **Perform a visual inspection of the vehicle for fluid leakage.**
- **Verify the engine is cool and the cooling system does not contain pressure. This usually can be done by squeezing the upper radiator hose.**
- **Verify adequate ventilation.**
- **Verify that the vehicle is not making any underhood noises such as knocking or rapping.**

Cleaning The Cooling System with R106 Cooling System Flush

Step 1: Locate the Radiator Cap.

Step 2: With the engine off. Squeeze the upper radiator hose to verify the engine has cooled and no pressure exists in the cooling system. Remove the radiator cap.

Step 3: There has to be enough room to add 12 oz. of Radiator Flush to the cooling system. Either drain a small amount, or using a suction device, draw 12 oz. of coolant out of the radiator or cooling system pressure tank.

Step 4: Refill the cooling system with R106 Cooling System Flush. Reinstall Radiator Cap.

Step 5: Start Engine. Verify there are no coolant leaks.



Step 6: Allow engine to run at least 15 minutes, up to 1 hour, after reaching normal operating temperature. The amount of running time will depend upon the condition of the coolant before starting the service. The more rust and calcium deposits you find, the longer the engine will have to be run at operating temperature.



Step 7: Shut off the engine and allow the radiator to cool off.

Rinsing The Cooling System

Note: If you are using a coolant flush, or fluid exchange machine. Follow the manufacturer's instructions for the equipment you are using.

Step 8: Drain Cooling System. As with all automotive fluids, please dispose of properly.



Step 9: Rinse cooling system with clear water until the fluid exiting the drain is clear.



Step 10: Drain the now clean system and close the system drain plug.

Step 11: Fill cooling system with Fresh Coolant of the correct type for your application. Consult manufacturer's specifications.



Step 12: Start engine and properly bleed cooling system per manufacturer's instructions.

Step 13: With the engine off, clean up any spilled fluid. Road test vehicle and verify there are no leaks in the cooling system.

Step 14: Allow the vehicle to cool and check coolant level.

***Dispose of all used automotive fluids properly**