C5 Corvette Intelligent Owner's Manual Service and Appearance Care

If you need more coolant, add the proper DEX-COOL@ coolant mixture at the surge tank, but only when the engine is cool.

CAUTION:

You can be burned if you spill coolant on hot engine parts. Coolant contains ethylene glycol, and it will burn if the engine parts are hot enough. Don't spill coolant on a hot engine.

When replacing the pressure cap, Make sure it is tight.

Surge Tank Pressure Cap

NOTICE:

The surge tank pressure caips a 15 psi (105 kPa) pressure-type cap and must be tightly installed to prevent coolant loss and possible engine damage from overheating. When you replace the surge tank pressure cap, a GM cap is recommended.

Thermostat

Engine coolant temperature is controlled by a thermostat in the engine coolant system. The thermostat stops the flow of coolant through the radiator until the coolant reaches a pre-set temperature. When you replace the thermostat, a GM thermostat is recommended.

Power Steering Fluid



When to Check Power Steering Fluid It is not necessary to regularly check power steering fluid unless you suspect there is a leak in the system or you hear an unusual noise. A fluid loss in this system could indicate a problem. Have the system inspected and repaired.

How To Check Power Steering Fluid

When the engine compartment is cool, wipe the cap and the top of the reservoir clean, then unscrew the cap and wipe the dipstick with ac lean rag. Replace the cap and completely tighten it. Then remove the cap again and look at the fluid level on the dipstick.

The level should be at the FULL COLD mark. If necessary, add only enough fluid to bring the level up to the mark.

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- When the engine compartment is hot, the level should be at the HOT mark.
- When the engine compartment is cool, the level should be at the FULL COLD mark.

What to Use

To determine what kind of fluid to use, see "Recommended Fluids and Lubricants" in the Index. Always use the proper fluid. Failure to use the proper fluid can cause leaks and damage hoses and seals.

Windshield Washer Fluid

What to Use

When you need windshield washer fluid, be sure to read the manufacturer's instructions before use. If you will be operating your vehicle in an area where the temperature may fall below freezing, use a fluid that has sufficient protection against freezing.

Adding Washer Fluid



Open the cap labeled WASHER FLUID ONLY. Add washer fluid until the tank is full.

NOTICE:

When using concentrated washer fluid, follow the manufacturer's instructions for adding water.

• Don't mix water with ready-to-use washer fluid. Water can cause the solution to freeze and