

MAINTENANCE

Maintenance and Lubrication - CTS Sedan

SPECIFICATIONS

APPROXIMATE FLUID CAPACITIES

The following approximate capacities are given in US English and metric conversions. See **Fluid and Lubricant Recommendations** for more information. All capacities are approximate. When adding, be sure to fill to the approximate level, as recommended in this manual. Recheck fluid level after filling.

Approximate Fluid Capacities

Application	Specification	
	Metric	US English
Engine Cooling System		
• 2.0L L4 Engine	7.6 liters	8.0 quarts
• 3.6L V6 Engine (LFX)	10.2 liters	10.8 quarts
• 3.6L V6 Engine (LF3)	13.7 liters	14.5 quarts
Engine Oil with Filter		
• 2.0L L4 Engine RWD	4.7 liters	5.0 quarts
• 2.0L L4 Engine AWD	5.7 liters	6.0 quarts
• 3.6L V6 Engine (LFX)	5.7 liters	6.0 quarts
• 3.6L V6 Engine (LF3)	6.6 liters	7.0 quarts
• Fuel Tank	72 liters	19 gallons
• Transfer Case - AWD	0.8 liters	0.8 quarts
Transmission Fluid (Pan Removal and Filter Replacement)		
• 6 - Speed Automatic	6.0 liters	6.4 quarts
• 8 - Speed Automatic with LFX Engine	4.7 - 5.2 liters	5.0 - 5.5 quarts
• 8 - Speed Automatic with LF3 Engine	5.2 - 5.7 liters	5.5 - 6.0 quarts

FLUID AND LUBRICANT RECOMMENDATIONS

Fluid and Lubricant Recommendations

Usage	Fluid/Lubricant
Engine Oil	Use only engine oil licensed to the dexos™ 1 specification, or equivalent, of the proper SAE viscosity grade. ACDelco dexos™ 1 Synthetic Blend is recommended.
Engine Coolant	50/50 mixture of clean, drinkable water and use only DEX-COOL Coolant.

Hydraulic Brake System	DOT 3 Hydraulic Brake Fluid (GM P/N 19299818, in Canada 19299819).
Windshield Washer	Automotive windshield washer fluid that meets regional freeze protection requirements.
6-Speed Automatic Transmission (w/2.0L L4 and 3.6L LFX AWD Engine)	DEXRON®-VI Automatic Transmission Fluid.
8-Speed Automatic Transmission (w/3.6L LFX RWD and 3.6L LF3 Engines)	ATF-WS Automatic Transmission Fluid (GM Part No. 88863400, in Canada 88863401).
Transfer Case (All-Wheel Drive)	Transfer Case Fluid (GM P/N 88861950, in Canada 88861951).
Rear Drive Module	SAE 75W-90 Synthetic Axle Lubricant (GM Part No. 89021677, in Canada 89021678) meeting GM Specification 9986115.
Rear Drive Module (Limited-Slip Differential)	SAE 75W-90 Synthetic Axle Lubricant (GM Part No. 89021677, in Canada 89021678) meeting GM Specification 9986115. With a complete drain and refill, add 118 mL (4 oz) of Limited-Slip Axle Lubricant Additive (GM Part No. 88900330, in Canada 992694) where required.
Key Lock Cylinders	Multi-Purpose Lubricant, Superlube (GM P/N 12346241, in Canada 10953474).
Hood Latch Assembly, Secondary Latch, Pivots, Spring Anchor, and Release Pawl	Lubriplate Lubricant Aerosol (GM P/N 89021668, in Canada 89021674) or lubricant meeting requirements of NLGI #2, Category LB or GC-LB.
Hood and Door Hinges	Multi-Purpose Lubricant, Superlube (GM P/N 12346241, in Canada 10953474).
Weather-strip Conditioning	Weather-strip Lubricant (GM P/N 3634770, in Canada 10953518) or Dielectric Silicone Grease (GM P/N 12345579, in Canada 992887).

MAINTENANCE ITEMS

The Normal Maintenance Replacement Parts information will only be found in the Owner's Manual. Refer to the Maintenance Schedule subsection of the Owner's Manual.

You may be able to use the Search information function using the words Replacement Parts.

MAINTENANCE

MAINTENANCE SCHEDULE

The Maintenance Schedule information will only be found in the Owner's Manual.

Refer to the Maintenance Schedule subsection of the Owner's Manual, or you may be able to use the Search information function using the words Scheduled Maintenance.

GM OIL LIFE SYSTEM RESETTNG

When the system has calculated that oil life has been diminished, it will indicate that an oil change is necessary. A CHANGE ENGINE OIL SOON message will come on. Change the engine oil as soon as possible within the next 600 miles (1 000 km). It is possible that, if driving under the best conditions, the oil life system may not indicate that an oil change is necessary for over a year. However, the engine oil and filter must be changed at least once a year and at this time the system must be reset.

If the system is ever reset accidentally, change the engine oil at 3,000 miles (5 000 km) since last oil change.

How to Reset the Engine Oil Life System

1. With the brake pedal released, depress and hold the engine start/stop button until ignition on/run engine off mode is entered.
2. Using the right steering wheel control SEL button, navigate the menu until the oil life monitor appears. With the monitor active, press and hold the SEL button until the monitor resets.
3. Press and hold the reset button until the DIC display shows ACKNOWLEDGED.
4. Depress the start/stop button once to turn the ignition off.

The system is reset when the CHANGE OIL SOON message is off.

If the CHANGE OIL SOON message comes back on when you start the vehicle, the Engine Oil Life System has not reset. Repeat the procedure.

Alternate Method

1. With the brake pedal released, depress and hold the engine start/stop button until ignition on/run engine off mode is entered.
2. Depress and release the accelerator pedal three times.
3. The life monitor display should now read 100%.
4. Depress the start/stop button once to turn the ignition off.