

General Information

Maintenance and Lubrication - CTS Coupe & Wagon

SPECIFICATIONS

APPROXIMATE FLUID CAPACITIES

The following approximate capacities are given in US English and metric conversions. See **Fluid and Lubricant Recommendations (USA and Canada)** 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
Cooling System - Engine		
• 3.0L V6	10.7 liters	11.3 quarts
• 3.6L V6	11.6 liters	12.3 quarts
• 6.2L V8	11.8 liters	12.5 quarts
• 6.2L V8 - Cooling System - Intercooler	2.3 liters	2.4 quarts
Engine Oil With Filter		
• 3.0L and 3.6L V6	5.7 liters	6.0 quarts
• 6.2L V8	5.7 liters	6.0 quarts
Fuel Tank	68.1 liters	18.0 gallons
Front Differential	0.7 liters	0.74 quarts
Rear Differential		
• Drain and Fill, if differential side cover has been removed to service any internal differential component.		
• For vehicles equipped the Limited Slip Differential	1.2 liters	1.26 quarts
• For vehicles not equipped with the Limited Slip Differential	1.3 liters	1.37 quarts
• For vehicles equipped with the Limited Slip Differential and a Differential Oil Cooler	2.0 liters	2.1 quarts
Drain and Fill with use of drain plug		
• For vehicles equipped without a Differential Oil Cooler	1.1 liters	1.16 quarts
• For vehicles equipped with a Differential Oil Cooler	1.8 liters	1.9 quarts
NOTE: The following is for vehicles equipped with the Limited Slip Differential option. The Limited Slip		

Additive container capacity is greater than the amount needed. Only add the amount specified.

Limited Slip Differential Additive GM P/N 1052358 (Canadian P/N 992694)

• Drain and Fill - With Cover Removed	100 ml	3.38 ounces
• Drain and Fill - With Use of Drain Plug	70 ml	2.37 ounces
• Drain and Fill - With Cover Removed with Differential Oil Cooler	170 ml	5.75 ounces
• Drain and Fill - With Use of Drain Plug without Differential Oil Cooler	150 ml	5.07 ounces

Manual Transmission

• Aisin AY6	1.8 liters	1.9 quarts
• Tremec 6 Speed	3.8 liters	4.0 quarts

Automatic Transmission

• Pan Removal and Filter Replacement - Approximate Capacity	6.3 liters	6.7 quarts
• Overhaul - Approximate Capacity (6L45)	9.7 liters	10.3 quarts
• Overhaul - Approximate Capacity (6L50)	9.3 liters	9.8 quarts
• Overhaul - Approximate Capacity (6L90)	12.5 liters	13.2 quarts
• Complete Trans System - Approximate Capacity (6L45)	10.5 liters	11.0 quarts
• Complete Trans System - Approximate Capacity (6L50)	10.8 liters	11.4 quarts
• Complete Trans System - Approximate Capacity (6L90)	13.2 liters	14.0 quarts
• Complete Trans System (Heavy Duty Cooling) - Approximate Capacity (6L50)	11.0 liters	11.6 quarts
Transfer Case BW 4477	1.0 liters	1.1 quarts

FLUID AND LUBRICANT RECOMMENDATIONS (USA AND CANADA)

The Recommended Fluids and Lubricants information will 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 Fluids or Lubricants.

Most transmission, transfer case, front and rear axle lubricant recommendations will be found in those service categories (subsections).

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 (NORTH AMERICAN EMISSIONS)

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

This vehicle has a computer system that indicates when to change the engine oil and filter. This is based on engine revolutions and engine temperature, and not on mileage. Based on driving conditions, the mileage at which an oil change is indicated can vary considerably. For the oil life system to work properly, the system must be reset every time the oil is changed.

When the system has calculated that oil life has been diminished, it indicates that an oil change is necessary. A "Change Engine Oil Soon" message comes on. Change the oil as soon as possible within the next 1 000 km (600 miles). It is possible that, if driving under the best conditions, the oil life system might 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. Your dealer has trained service people who will perform this work using genuine parts and reset the system. It is also important to check the oil regularly and keep it at the proper level.

If the system is ever reset accidentally, the oil must be changed at 5 000 km (3,000 miles) since the last oil change. Remember to reset the oil life system whenever the oil is changed.

How to Reset the Engine Oil Life System

Reset the system whenever the engine oil is changed so that the system can calculate the next engine oil change. To reset the system:

1. Using the DIC MENU button and thumbwheel on the turn signal lever, display "Oil Life Remaining" on the DIC.
2. Press the SET button to reset the oil life at 100 percent.

Be careful not to reset the oil life display accidentally at any time other than after the oil is changed. It cannot be reset accurately until the next oil change.

The oil life system can also be reset as follows:

1. Turn the ignition to ON/RUN with the engine off.
2. Fully press and release the accelerator pedal three times within five seconds.

If the "Change Engine Oil Soon" message is not on, the system is reset.

The system is reset when the "Change Engine Oil Soon" message is off.

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