

ELECTRICAL

Maintenance and Lubrication - Canyon, Colorado

SPECIFICATIONS

APPROXIMATE FLUID CAPACITIES

Maintenance Procedure	Link
Hydraulic Brake System Capacities	Approximate Fluid Capacities
Front Drive Axle Capacities	Approximate Fluid Capacities
Rear Drive Axle Capacities	Approximate Fluid Capacities
Engine Heating and Cooling Capacities	Approximate Fluid Capacities
HVAC Capacities	Approximate Fluid Capacities
Engine Controls and Fuel - 2.5L (LCV)	Approximate Fluid Capacities
Engine Controls and Fuel - 2.8L (LWN) Diesel	Approximate Fluid Capacities
Engine Controls and Fuel - 3.6L (LFX)	Approximate Fluid Capacities
Engine Mechanical - 2.5L (LCV)	Approximate Fluid Capacities
Engine Mechanical - 2.8L (LWN) Diesel	Approximate Fluid Capacities
Engine Mechanical - 3.6L (LFX)	Approximate Fluid Capacities
Automatic Transmission Fluid Capacities - 6L50 (MYB)	Approximate Fluid Capacities
Manual Transmission Fluid Capacities - Eaton 6-Speed (N8D)	Approximate Fluid Capacities
Transfer Case Capacities - MP 1622G (NQ7)	Approximate Fluid Capacities
Transfer Case Capacities - MP 3025G (NQ6)	Approximate Fluid Capacities

FLUID AND LUBRICANT RECOMMENDATIONS

Usage	Fluid/Lubricant
Engine Oil	Use only engine oil licensed to the dexos1 [®] specification of the proper SAE viscosity grade. ACDelco dexos1 Synthetic Blend is recommended. Use SAE 5W-30 viscosity grade engine oil for the 3.6L V6 engine. Use SAE 5W-20 viscosity grade engine oil for the 2.5L L4 engine. Cold Temperature Operation: In an area of extreme cold, where the temperature falls below -29 °C (-20 °F), an SAE 0W-30 oil may be used for the 3.6L V6 engine and SAE 0W-20 viscosity grade engine oil may be used for the 2.5L L4 engine. An oil of this viscosity grade will provide easier cold starting for the engine at extremely low temperatures. When selecting an oil of the appropriate viscosity grade, always select an oil of the correct specification. Refer to Owner's Manual for more information.
Engine Coolant	50/50 mixture of clean, drinkable water and use only DEX-COOL coolant.
Hydraulic Brake System	DOT 3 Hydraulic Brake Fluid (GM Part No. 19299818, in Canada 19299819).
Hydraulic Clutch System	DOT 3 Hydraulic Brake Fluid (GM Part No. 19299818, in Canada 19299819).
Windshield Washer	Automotive windshield washer fluid that meets regional freeze protection requirements.
Automatic Transmission	DEXRON [®] -VI Automatic Transmission Fluid.
Manual Transmission	DEXRON [®] -VI Automatic Transmission Fluid.

Key Lock Cylinders	Multi-Purpose Lubricant, Superlube (GM Part No. 12346241, in Canada 10953474).
Floor Shift Linkage	Lubriplate Lubricant Aerosol (GM Part No. 89021668, in Canada 89021674) or lubricant meeting requirements of NLGI #2 Category LB or GC-LB.
Chassis Lubrication	Chassis Lubricant (GM Part No. 12377985, in Canada 88901242) or lubricant meeting requirements of NLGI #2, Category LB or GC-LB.
Front and Rear Axle	SAE 75W-90 Axle Lubricant (GM Part No. 88863089, in Canada 88863090).
Transfer Case (Four-Wheel Drive)	DEXRON®-VI Automatic Transmission Fluid.
Hood Hinges, Body Door Hinge Pins, Tailgate Hinge and Linkage, and Fuel Door Hinge	Multi-Purpose Lubricant, Superlube (GM Part No. 12346241, in Canada 10953474).
Tailgate Handle Pivot Points, Hinges, Latch Bolt, and Linkage	Multi-Purpose Lubricant, Superlube (GM Part No. 12346241, in Canada 10953474).
Weatherstrip Conditioning	Weatherstrip Lubricant (GM Part No. 3634770, in Canada 10953518) or Dielectric Silicone Grease (GM Part No. 12345579, in Canada 10953481).
Weatherstrip Squeaks	Synthetic Grease with Teflon, Superlube (GM Part No. 12371287, in Canada 10953437).

MAINTENANCE ITEMS

Maintenance Procedure	Link
Approximate Fluid Capacities	Approximate Fluid Capacities
Fluid and Lubricant Recommendations	Fluid and Lubricant Recommendations
Maintenance Replacement Parts	Maintenance Replacement Parts
GM Oil Life System Resetting	GM Oil Life System ResettingGM Oil Life System Resetting (With Scan Tool)
Tire Pressure Indicator Sensor Learn	Tire Pressure Indicator Sensor Learn
Passenger Compartment Air Filter Replacement	Passenger Compartment Air Filter Replacement
Brake Pad Inspection	Brake Pad Inspection
Cooling System Draining and Filling	Cooling System Draining and Filling (Static Fill) Cooling System Draining and Filling (Vac n Fill)
Hydraulic Brake System Bleeding	Hydraulic Brake System Bleeding (Manual) Hydraulic Brake System Bleeding (Pressure)
Hydraulic Clutch System Bleeding	Hydraulic Clutch System Bleeding
Air Cleaner Element Replacement - 2.5L (LCV)	Air Cleaner Element Replacement - 2.5L (LCV)
Air Cleaner Element Replacement - 3.6L (LFX)	Air Cleaner Element Replacement - 3.6L (LFX)
Spark Plug Replacement - 2.5L (LCV)	Spark Plug Replacement - 2.5L (LCV)
Spark Plug Replacement - 3.6L (LFX)	Spark Plug Replacement - 3.6L (LFX)
Drive Belt Replacement - 2.5L (LCV)	Drive Belt Replacement - 2.5L (LCV)
Drive Belt Replacement - 3.6L (LFX)	Drive Belt Replacement - 3.6L (LFX)
Automatic Transmission Fluid, Fluid Pan and/or Filter Replacement - 6L50 (MYB)	Automatic Transmission Fluid, Fluid Pan and/or Filter Replacement - 6L50 (MYB)
Manual Transmission Fluid Drain and Fill - Eaton 6-Speed (N8D)	Transmission Fluid Drain and Fill - Eaton 6-speed (N8D)

REPLACEMENT PARTS**GM Part Number****ACDelco Part Number**

Replacement parts identified below by name, part number, or specification can be obtained from your dealer.

Part	GM Part Number	ACDelco Part Number
Engine Air Cleaner/Filter	94775933	A3195C
Oil Filter		
• 2.5L L4	12640445	PF64
• 3.6L V6	19303249	PF2130
Passenger Compartment Air Filter	23135671	CF196
Spark Plugs		
• 2.5L L4	12627160	41-115
• 3.6L V6	12622561	41-109
Wiper Blades		
• Driver Side - 55 cm (21.7 in)	23117447	-
• Passenger Side - 45 cm (17.7 in)	23117448	-

MAINTENANCE**GM OIL LIFE SYSTEM RESETTNG****When to Change Engine Oil**

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.

On some vehicles, when the system has calculated that oil life has been diminished, a CHANGE ENGINE OIL SOON message comes on to indicate that an oil change is necessary. 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. For vehicles without the CHANGE ENGINE OIL SOON message, an oil change is needed when the OIL LIFE REMAINING percentage is near 0 percent. 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

Oil Life System calculates when to change the engine oil and filter based on vehicle use. Whenever the oil is changed, reset the system so it can calculate when the next oil change is required. If a situation occurs where the oil is changed prior to a CHANGE ENGINE OIL SOON message coming on, reset the system.

Always reset the engine oil life to 100 percent after every oil change. It will not reset itself. To reset the Engine Oil Life System on most vehicles:

1. Display the OIL LIFE REMAINING on the DIC. If the vehicle does not have DIC buttons, the vehicle must be in P (Park) to access this display.
2. Press and hold the SET/RESET button on the DIC, or the trip odometer reset stem if the vehicle does not have DIC buttons, for more than five seconds. The oil life will change to 100 percent.

On all vehicles, the Engine Oil Life System can be reset as follows:

1. Turn the ignition to ON/RUN with the engine off.
2. Fully press the accelerator pedal slowly three times within five seconds.
3. Display the OIL LIFE REMAINING on the DIC. If the display shows 100 percent, the system is reset.

If the vehicle has a CHANGE ENGINE OIL SOON message and it comes back on when the vehicle is started and/or the OIL LIFE REMAINING is near 0 percent, the Engine Oil Life System has not reset. Repeat the procedure.

GM OIL LIFE SYSTEM RESETTING (WITH SCAN TOOL)

When the system has calculated that oil life has been diminished, it will indicate that an oil change is necessary. A ENGINE OIL light 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 applicable)With Scan Tool

1. Ignition On/Vehicle in Service Mode.
2. Select:Module Diagnostics
3. Select:K20 Engine Control Module
4. Select:Configuration/Reset Functions
5. Select:Reset Functions
6. Select:Engine Oil Life Reset
7. Enter the desired value
8. Select:Continue

GM FUEL FILTER LIFE SYSTEM RESETTING

How to Reset the Fuel Filter Life Reset

Reset the Fuel Filter Life Remaining display after each fuel filter change. It will not reset itself. Also, be careful not to reset the display at any time other than when the fuel filter has just been changed because it cannot be reset accurately until the next fuel filter change. The fuel filter life will change to 100% when the system has been reset.

1. Turn the ignition to ON/RUN with the engine off.
2. Display the Fuel Filter Life Remaining on the DIC. If the vehicle does not have DIC buttons, the vehicle must be in P (Park) to access this display

d hold the SET/RESET button on the DIC, or the trip odometer reset stem if the vehicle does not have DIC buttons, for more than two seconds. The Fuel Filter Life Remaining will change to 100 percent.

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