Engine Oil

In order for the engine, transmission, and clutch to function properly, maintain the engine oil at the proper level, and change the oil and replace the oil filter in accordance with the Periodic Maintenance Chart. Not only do dirt and metal particles collect in the oil, but the oil itself loses its lubricative quality if used too long.

⚠️ WARNING

HAZARD
Engine or transmission seizure.

WHAT CAN HAPPEN
Can lock the rear wheels causing an accident and injury.

HOW TO AVOID THE HAZARD
Do not operate this vehicle with insufficient, deteriorated, or contaminated engine oil.

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Oil Level Inspection

- If the oil has just been changed, start the engine and run it for several minutes at idle speed. This fills the oil filter with oil. Stop the engine, then wait several minutes until the oil settles.

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CAUTION

Racing the engine before the oil reaches every part can cause engine seizure. Operation with insufficient, deteriorated, or contaminated engine oil will cause accelerated engine wear.

- If the vehicle has just been used, wait several minutes for all the oil to drain down.
- Check the engine oil level through the oil level gauge in the lower right side of the engine. With the vehicle level front-to-rear and side-to-side, the oil level should come up between the upper and lower level lines next to the gauge.
- If the oil level is too high, remove the excess oil through the oil filler opening using a syringe or some other suitable device.
- If the oil level is too low, add the oil to reach the correct level. Use the same type and brand of oil that is already in the engine.

**WARNING**

**HAZARD**
Engine or transmission seizure.

**WHAT CAN HAPPEN**
Can lock the rear wheels causing an accident and injury.

**HOW TO AVOID THE HAZARD**
Check engine oil level before operating vehicle, and add oil if it is low.

**CAUTION**

If the engine is run without oil, it will be severely damaged.

*Oil and/or Oil Filter Change*
- Warm up the engine thoroughly, and then stop it.
- Place an oil pan beneath the engine.
- Remove the engine oil drain plug.

**WARNING**

**HAZARD**
Improper disposal of used motor oil.

**WHAT CAN HAPPEN**
Used motor oil is a toxic substance, which can pollute the environment.

**HOW TO AVOID THE HAZARD**
Contact your local authorities for approved disposal methods and follow those methods at all times.
● Install the oil filter cover and tighten its bolts.
● After the oil has completely drained out, install the engine oil drain plug with its gasket. Proper torque for it is shown in the table.

NOTE
○ Replace the damaged gasket with a new one.

Tightening Torque

| Engine Oil Drain Plug: 29 N·m (3.0 kg·m, 22 ft·lb) |

● Fill the engine up to the upper level line with a good quality engine oil specified in the table.

Engine Oil

<table>
<thead>
<tr>
<th>Engine Oil</th>
<th>Type:</th>
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<tbody>
<tr>
<td>API SF or SG</td>
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<tr>
<td>API SH or SJ with JASO MA</td>
<td></td>
</tr>
<tr>
<td>SAE 5W-30, 10W-40, 10W-50, 20W-40 or 20W-50</td>
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</tbody>
</table>

Capacity: KLF220: 2.0 L (2.1 US qt) [when filter is not removed]
2.1 L (2.2 US qt) [when filter is removed]
KLF300B: 1.7 L (1.8 US qt)
KLF300C: 2.4 L (2.5 US qt)

● Check the oil level.

KLF400:
● If the oil filter is to be replaced, remove the oil filter cartridge and replace it with a new one.

A. Packing
○ Apply a thin film of oil to the packing and tighten the cartridge to the specified torque.
A. Packing

- Install the engine oil drain plug with its gasket. Tighten it to the specified torque.

**NOTE**

- Replace any damaged gaskets with new ones.

**Engine Oil**

| Type | API SF or SG  
| SAE 5W-30, 10W-40, 10W-50, 20W-40 or 20W-50 |
| Capacity | 3.0 L (3.2 US qt)  
| [when filter is not removed]  
| 3.2 L (3.4 US qt)  
| [when filter is removed]  
| 3.7 L (3.9 US qt)  
| [when engine is completely dry] |

- Fill the engine up to the upper level line with a good quality engine oil specified in the table.

- Check the oil level.
- Start the engine and check for oil leakage.

**Tightening Torque**

| Engine Oil Drain Plug | 29 N·m (3.0 kg-m, 22 ft-lb) |
| Cartridge | 9.8 N·m (1.0 kg-m, 7.0 ft-lb) |