

ENGINE

ENGINE OIL LEVEL

This engine has a wet-sump design, meaning the engine oil is contained in the bottom of the crankcase. To check the oil level, follow the procedure listed below:

Access the oil dipstick through the opening in front of the passenger rear tire.

Access the oil fill cap through the cargo box access panel.

Polaris recommends the use of PS-4 Synthetic or PS-4 Extreme Duty Synthetic 4-Cycle Engine Oil.

FLUID CAPACITY

Recommended Engine Oil:

Capacity: 2.5 qt (2.4 L)

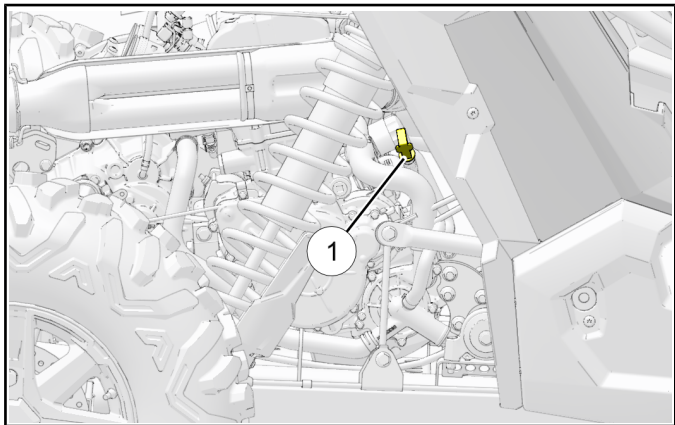
PS-4 Full Synthetic 5W-50

Ambient Temp Range: -35° F to 100° F

PS-4 Extreme Duty

Ambient Temp Range: 0° F to 120° F

1. Position vehicle on a level surface and place the transmission in PARK.
2. Stop the engine and allow it to cool down before removing the dipstick.
3. Unlock the dipstick lever ①. Remove the dipstick and wipe it dry with a clean cloth.



4. Reinstall the dipstick and push it into place. Do not lock the dipstick

NOTE

Make certain the dipstick is inserted all the way into the dipstick tube to keep the depth of the dipstick consistent.

5. Remove the dipstick and check the oil level.

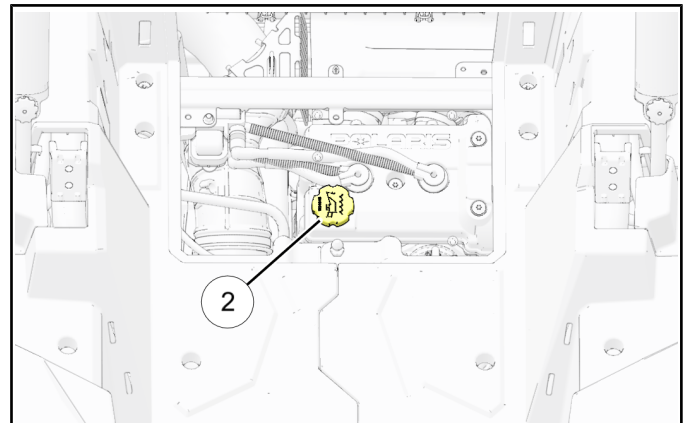
6. Add the recommended oil as necessary to bring the oil level within the SAFE range on dipstick. Do not overfill (see NOTE below).



NOTE

A rising oil level between checks during cold weather operation can indicate contaminants such as gas or moisture collecting in the crankcase. If the oil level is over the upper mark, change the oil immediately.

7. Add engine oil through the oil fill cap ② located on top of the valve cover, under the cargo box access panel.



8. When finished, reinstall dipstick and lock the lever.

MAINTENANCE

ENGINE OIL AND FILTER CHANGE

Always change engine oil and filter at the intervals outlined in the Periodic Maintenance Chart. Always change the oil filter whenever changing the engine oil.

The engine oil dipstick is located on the front side of the engine. Access the dipstick through the engine service panel.

The engine oil fill cap is located on top of the valve cover. Access the oil fill cap through the cargo box access panel.

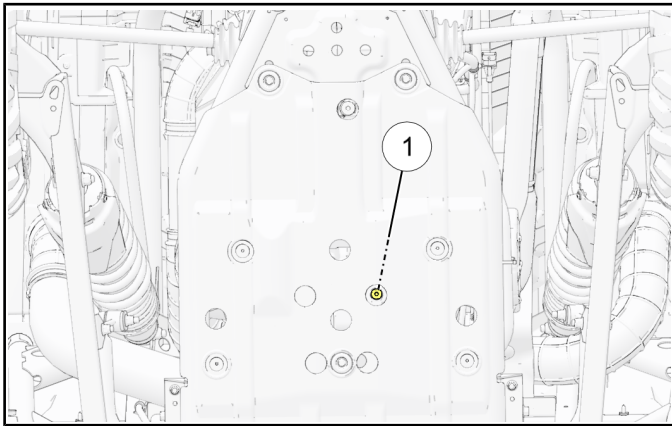
The crankcase drain plug is located on the bottom of the crankcase. Access the drain plug through the skid plate access hole located directly under the crankcase.

1. Position vehicle on a level surface and place the transmission in PARK.
2. Stop the engine and allow it to cool down.
3. Clean the area around the crankcase drain plug.

CAUTION

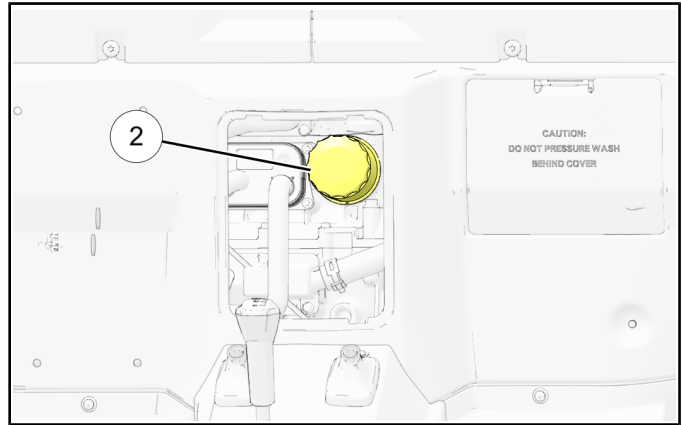
Do not allow hot engine oil to come into contact with skin, as serious burns may result.

4. Place a drain pan under the engine crankcase and remove the drain plug ①. Allow the oil to drain completely.



5. Remove the seats and engine service panel to access the oil filter.

6. Using the Oil Filter Wrench (PU-50105), turn the oil filter ② counter-clockwise to remove it.



Oil Filter Wrench:
PU-50105: 2.5" (64 mm)

7. Using a clean dry cloth, clean the filter sealing surface on the engine crankcase.
8. Lubricate the O-ring on the new oil filter with a film of fresh engine oil. Check to make sure the O-ring is in good condition. Install it by hand until the O-ring contacts the sealing surface, then turn an additional 1/2 turn.

TORQUE

Oil Filter Torque:

Turn by hand until filter O-ring contacts sealing surface, then turn an additional 3/4 turn

9. Replace the sealing washer on drain plug.

NOTE

The sealing surface on the drain plug should be clean and free of burrs, nicks or scratches.

10. Reinstall the engine crankcase drain plug. Torque drain plug to specification.

TORQUE

Engine Oil Drain Plug:
12 ft-lbs (16 Nm)

11. Remove oil fill cap (see Chapter 2 – Engine Oil Level). Fill engine with 2.5 quarts (2.4 L) of recommended engine oil.

FLUID CAPACITY
<p>Recommended Engine Oil: Capacity: 2.5 qt (2.4 L) PS-4 Full Synthetic 5W-50 <i>Ambient Temp Range: -35° F to 100° F</i></p> <p>PS-4 Extreme Duty <i>Ambient Temp Range: 0° F to 120° F</i></p>

12. Verify the transmission is still in PARK.
13. Start the engine and allow it to idle for 30 seconds.
14. Stop the engine and inspect for oil leaks. Wait at least 15 seconds before removing the dipstick.
15. Unlock the dipstick lever. Remove the dipstick and wipe it dry with a clean cloth (see Chapter 2 – Engine Oil Level).
16. Reinstall the dipstick and push it into place. Do not lock the dipstick

NOTE
<p>Make certain the dipstick is inserted all the way into the dipstick tube to keep the depth of the dipstick consistent.</p>

17. Remove the dipstick and check the oil level.
18. Add the recommended oil as necessary to bring the oil level within the SAFE range on dipstick. Do not overfill.


<p>Maintain Oil Level In SAFE Range</p> <p>DO NOT Overfill the Engine</p>

19. When finished, reinstall the oil fill cap, oil dipstick and lock the lever.
20. Reinstall the cargo box access panel, engine service panel and seats.
21. Dispose of used oil and filter properly.