

ENGINE MAINTENANCE

ENGINE OIL LEVEL (900 / 1000)

The 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 and oil fill cap by tilting the rear cargo box.

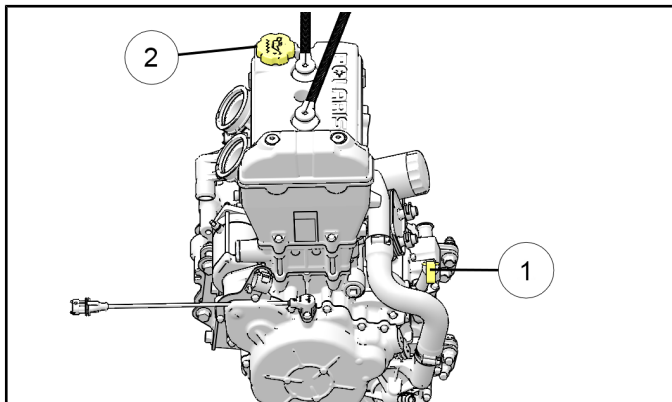
Polaris recommends the use of PS-4 Synthetic or PS-4 Extreme Duty Synthetic 4-Cycle Engine Oil.

FLUID CAPACITY
<p>Recommended Engine Oil: PS-4 Synthetic (PN 2876244) <i>Ambient Temp Range: -35° F to 100° F</i></p> <p>PS-4 Extreme Duty Synthetic (PN 2878920) <i>Ambient Temp Range: 0° F to 120° F</i> Capacity: 2.5 Qt (2.4 L)</p>

1. Remove all cargo from the cargo box.

CAUTION
Always remove all cargo from the cargo box before lifting the box to access the engine.

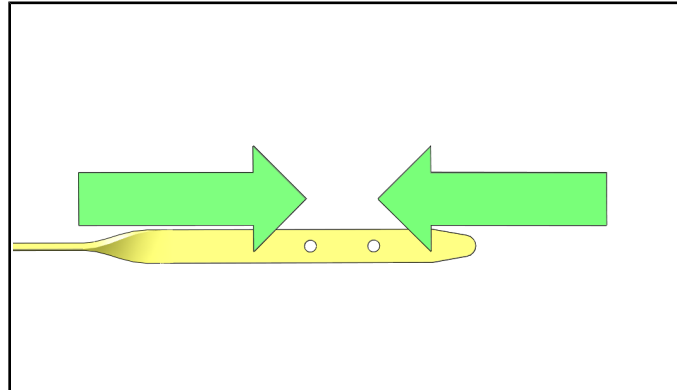
2. Position the vehicle on a level surface and place the transmission in PARK.
3. Stop the engine and allow it to cool down before removing the dipstick.
4. Pull up on the cargo box release lever to tilt the box.
5. From the right side of the vehicle, unlock the dipstick lever (A). Remove the dipstick and wipe it dry with a clean cloth.



6. 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.

7. Remove the dipstick and check the oil level.
8. 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.

9. Add engine oil through the oil fill cap (B) located on top of the valve cover.
10. When finished, reinstall dipstick and lock the lever.

ENGINE OIL AND FILTER CHANGE (900 / 1000)

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.

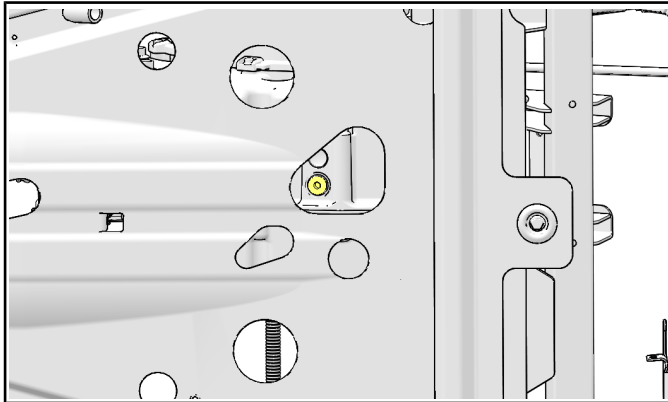
The engine oil dipstick is located on the right front side of the engine. The engine oil fill cap is located on top of the valve cover. Access the oil dipstick and oil fill cap by tilting the rear cargo box

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
Use caution when performing this procedure. Do not allow hot engine oil to come into contact with skin, as serious burns may result.

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

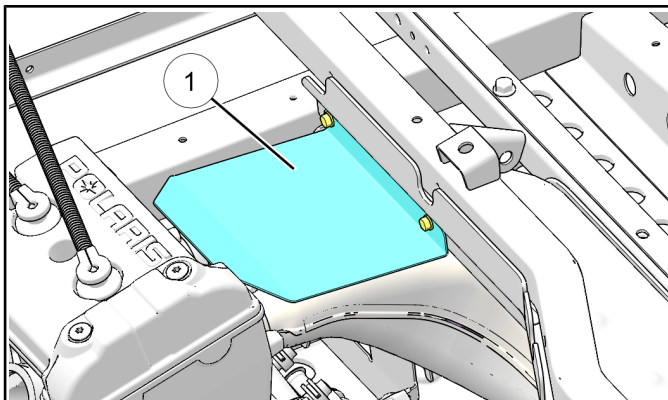


- Remove all cargo from the cargo box.

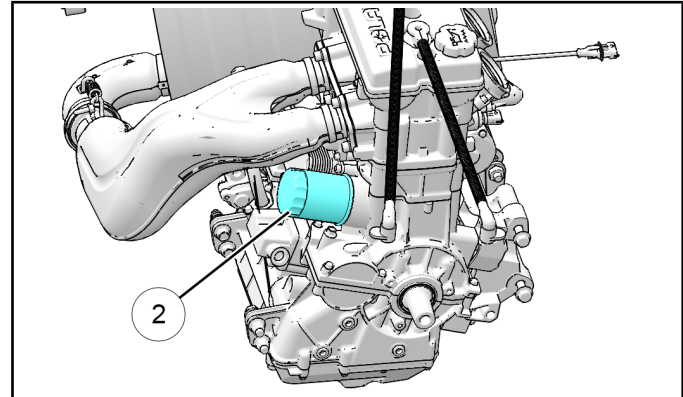
CAUTION

Always remove all cargo from the cargo box before lifting the box to access the engine.

- Pull up on the cargo box release lever to tilt the box.
- Remove the two screws retaining the upper exhaust heat shield ① and remove the heat shield to access the oil filter.



- 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)

- Using a clean dry cloth, clean the filter sealing surface on the engine crankcase.
- 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 to specification.

TORQUE

Oil Filter: **Turn by hand until filter O-ring contacts sealing surface, then turn an additional 3/4 turn.**

- 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.

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

TORQUE

Crankcase Drain Plug:
12 lb-ft (16 Nm)

- Remove oil fill cap (refer to “**Engine Oil Level**”, page 2.14 procedure). Fill engine with recommended engine oil.

FLUID CAPACITY

Recommended Engine Oil:
PS-4 Synthetic (PN 2876244)
Ambient Temp Range: -35° F to 100° F
PS-4 Extreme Duty Synthetic (PN 2878920)
Ambient Temp Range: 0° F to 120° F
Capacity: 2.5 Qt (2.4 L)

- Verify the transmission is still in PARK.

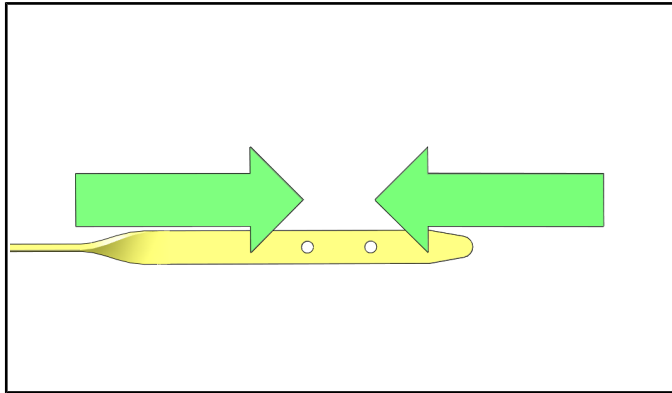
MAINTENANCE

15. Start the engine and allow it to idle for 30 seconds.
16. Stop the engine and inspect for oil leaks. Wait at least 15 seconds before removing the dipstick.
17. Unlock the dipstick lever. Remove the dipstick and wipe it dry with a clean cloth (refer to “**Engine Oil Level**”, page 2.14 procedure).
18. 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.

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



21. When finished, reinstall the oil fill cap, oil dipstick and lock the lever.
 22. Dispose of used oil and filter properly.
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