

## ENGINE


### Engine Oil Level

The *RANGER* RZR XP engine has a dry-sump design, meaning the engine oil is contained within a remote oil tank. To check oil level follow the procedure listed below:

**IMPORTANT: Always check the oil level when the engine is cold. If the engine is hot when the oil level is checked, the level will appear to be overfull.**

Access the oil tank dipstick through the oil tank access panel located in the left front corner of the cargo box.

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



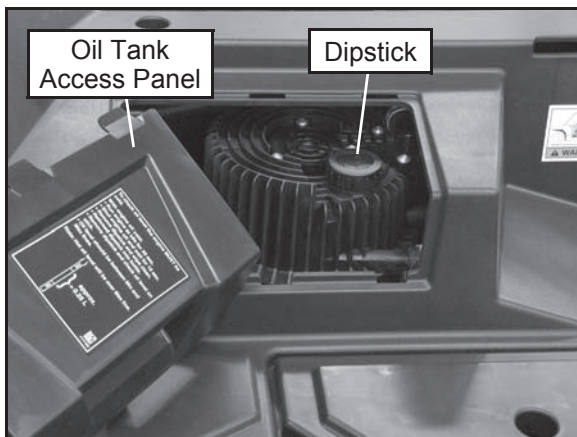
**Recommended Engine Oil:**

**PS-4 Plus 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*

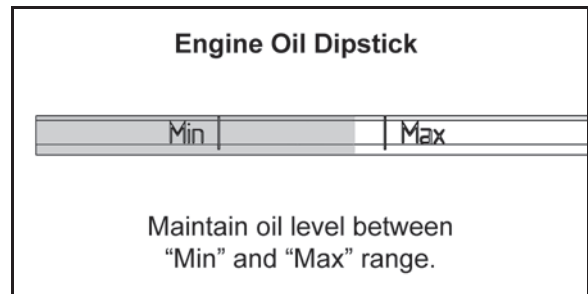
**Capacity: 3.5 Quarts (3.3 L)**

1. Position vehicle on a level surface and place the transmission in PARK.
2. Start the engine and allow it to idle for 30 seconds.
3. Stop the engine and wait 15 seconds.
4. Remove oil tank access panel. Remove the dipstick from the oil tank and wipe it dry with a clean cloth.



5. Reinstall the dipstick completely (fully threaded). Remove the dipstick and check the oil level.

6. Add the recommended oil as necessary to bring the level near the "Max" mark on dipstick. Do not overfill.



7. When finished, reinstall dipstick and oil tank access panel.


### 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 oil tank drain plug is located on the bottom of the oil tank. Access the drain plug through left rear wheel well.

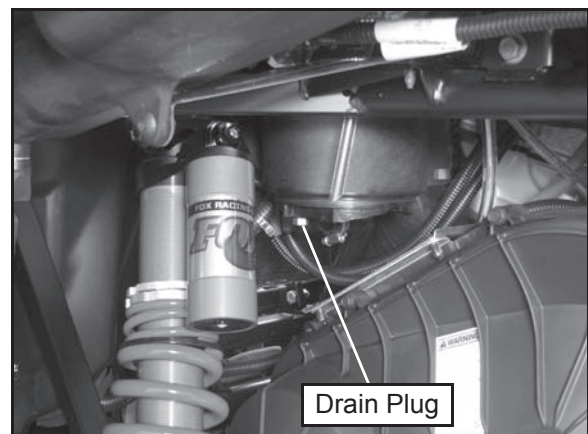
The crankcase drain plug is located on the bottom of the crankcase. Access the drain plug through the skid plate access hole located directly under the crankcase.

1. Position vehicle on a level surface and place the transmission in PARK.
2. Clean area around oil tank and crankcase drain plugs.

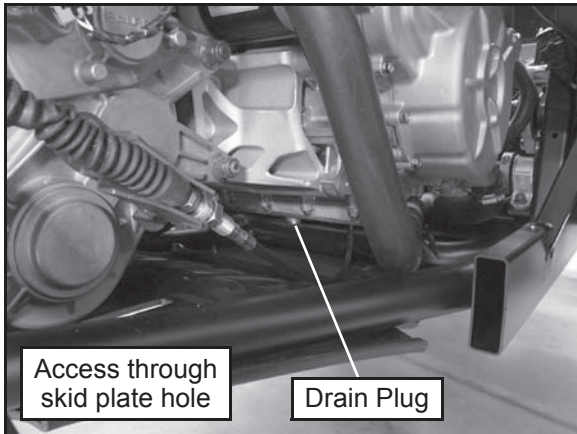
 **CAUTION**

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

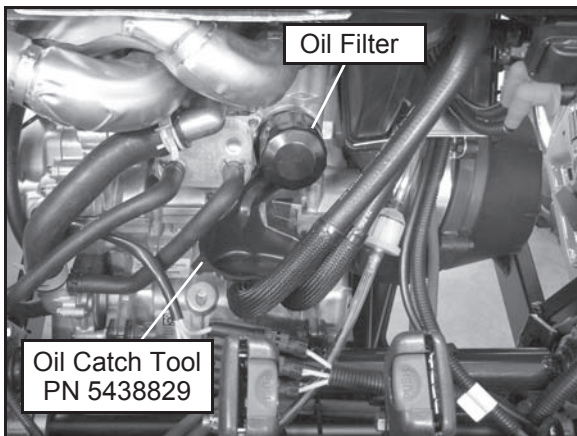
3. Place a drain pan under the oil tank and remove the drain plug. Allow the oil to drain completely.



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



- Remove the seats and engine service panel to access the oil filter.
- Locate the Oil Catch Tool (PN 5438829) in the tool kit. Position the tool below the oil filter to catch the oil when the filter is removed.



- Using Oil Filter Wrench (PU-50105), turn the oil filter 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 by hand until the O-ring contacts the sealing surface, then turn an additional 1/2 turn.

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**Oil Filter Torque:**  
Turn by hand until filter O-ring contacts sealing surface, then turn an additional 1/2 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 oil tank and engine crankcase drain plugs. Torque drain plugs to specification.

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**Drain Plugs: 12 ft. lbs. (16 Nm)**

- Remove the engine oil dipstick (see "Engine Oil Level"). Fill the oil tank with 3.5 quarts (3.3 L) of recommended engine oil.

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*Ambient Temp Range: 0° F to 120° F*

**Capacity: 3.5 Quarts (3.3 L)**

- Verify the transmission is still in PARK.
- Start the engine and allow it to idle for 30 seconds.
- Stop the engine and inspect for leaks. Wait at least 15 seconds before removing the dipstick.
- Remove the dipstick from the oil tank and wipe it dry with a clean cloth.
- Reinstall the dipstick completely (fully threaded). Remove the dipstick and check the oil level.
- Add recommended oil as necessary to bring the level near the "Max" mark on the dipstick. Do not overfill.
- Reinstall the dipstick and the oil tank access panel.
- Dispose of used oil and filter properly.