

INTRODUCTION: These supplemental instructions explain how to install the oil drain kit (970423) onto a ProCat or Predator Pro ZT, FastCat, or Midsized walk behind unit. This kit will fit Kawasaki, Kohler, Generac, and Briggs and Stratton Engines.

WARNING: Do not perform engine maintenance without the engine off, spark plug wires disconnected and PTO disengaged.

INSTALLATION:

1. Drain oil out of engine as stated in the operator's manual.
2. **Kawasaki Engines Only:**

If adapter DOES NOT EXIST in the Kawasaki engine block, you need the adapter (1) and O-ring (6 not shown).

Place the O-ring (6 not shown) onto the adapter (1) and insert the adapter into the engine block replacing the current drain plug. (Refer to Figure 1).

If you do not have a Kawasaki engine you will not need Items 1 & 6.

3. Referring to Figure 1, put pipe sealant onto the threads of the fitting (2) and insert into either the adapter on engine (1) for Kawasaki engines or directly into the engine block for other engines.

4. Slide the hose clamps (3) onto hose (4). Secure one end of the hose (4) to the fitting (2) using one of the clamps (3).

5. Install oil drain valve (5), into other hose end and secure with other hose clamp (3).

6. Being careful to route the hose away from heat, sharp edges, and rotating and moving parts, mount the clip (7) to the engine or rear bumper of the unit using existing hardware. (See Figure 2 for an example). This clip will be used to hold the new drain hose assembly you have just installed.

7. Change the oil filter and fill the crankcase with fresh oil to the full mark. DO NOT overfill. See your engine manual for oil specifications.

SEE PAGE 2 FOR OIL MAINTENANCE

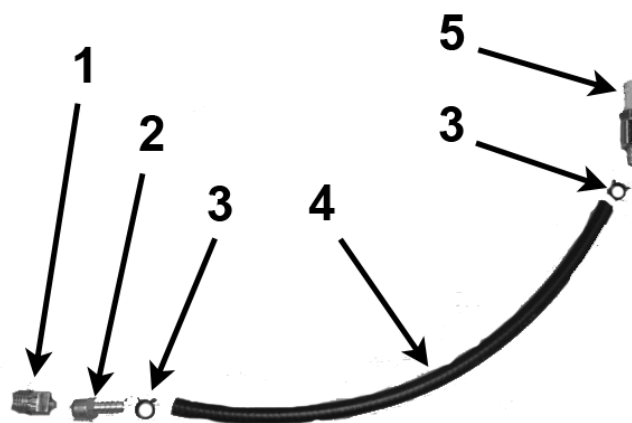


FIGURE 1

KIT PARTS LIST

ITEM	PART NO.	DESCRIPTION	QTY
1	4128814	ADAPTER	1
2	4164252-001	FITTING-3/8NPT TO 3/8 BARB	1
3	88042-03	CLAMP-HOSE	2
4	69053-03	HOSE-17"	1
5	4164251	VALVE-OIL DRAIN	1
6	4164275	O-RING	1
7	48412-01	CLIP-CABLE	1

MAINTENANCE**ENGINE OIL**

Do not perform engine maintenance without the engine off, spark plug wires disconnected and PTO disengaged.

AFTER FIRST FIVE (5) HOURS

While the engine is warm:

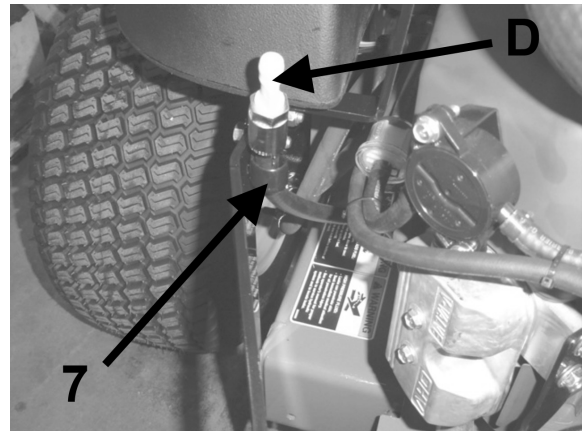
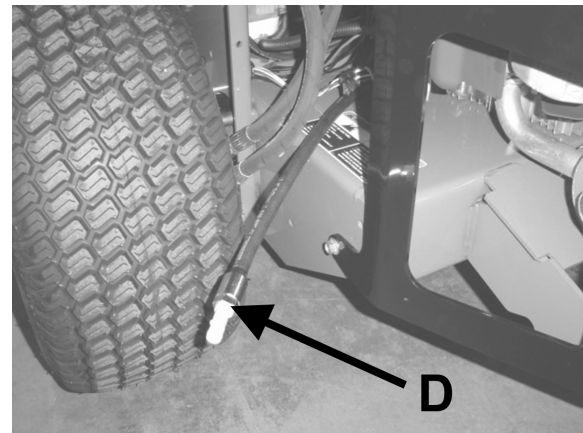
1. Release the oil drain hose assembly from the engine clip **7**. Lay hose assembly over the frame edge.
2. Remove the rubber cap **D** from the tip of the hose assembly and turn the drain valve to allow oil to drain from the engine. Dispose of used oil in accordance with local requirements.
3. Clean drain valve and tighten the plastic portion of the drain valve back into the metal portion of the valve. Replace rubber cap over the tip of the valve. Replace hose assembly back into engine clip.
4. Change oil filter.
5. Fill the crankcase with fresh oil to the full mark. Do not overfill. See engine manual for oil specifications.

DAILY

1. Check oil level with the dipstick.
2. If oil is needed, add fresh oil of proper viscosity and grade. See engine manual for oil specifications. Do not overfill.
3. Replace dipstick before starting engine.

PERIODIC OIL CHANGES

1. See engine manual for oil and filter change intervals after the break-in period.
2. Follow instructions for first oil change above.

**FIGURE 2****FIGURE 3**