



March 2003

TOPIC: ENGINE OIL DRAIN

MODELS

AFFECTED: HC32KAV13 - S/N: 101-410

Field reports have indicated that draining the engine oil on the HydroCut HC32KAV13 is difficult and messy.

To rectify this problem, Ferris Industries has developed a new oil drain hose (48681) that allows the operator to drain the oil without having to remove the mower deck guard and drive belt as outlined in the Operator's Manual.

Refer to the figures below to install the oil drain hose and clamp.

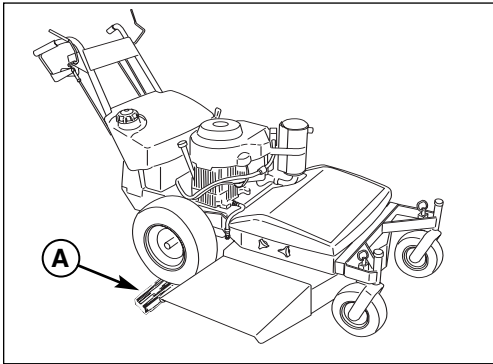


Figure 1. Raise Rear of Machine

A. 2 x 4 Block

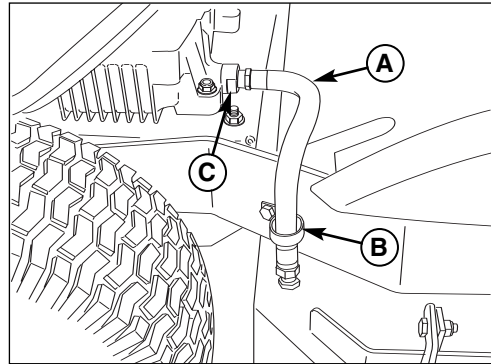


Figure 2. Install Oil Drain Hose

A. Drain Hose
B. Clamp (mounted in top hole)
C. Adapter

Revised Oil & Filter Change Procedure:

1. Warm engine by running for a few minutes, as outlined in engine owner's manual.
2. Park machine and place the rear tires in a 2 x 4 block of wood or park machine on a slight downhill grade.
3. Place a small pan under the oil drain hose to catch the oil.
4. Using the appropriate tools, remove the cap from the oil drain hose and drain the engine oil.
5. After draining, replace the cap and wipe up any spilled oil.
6. Place a small pan or cup under the engine oil filter.
7. Remove the engine oil filter and replace with a new one.
8. Remove the pan or cup and wipe up any spilled oil.

Please note, this is a **MANDATORY FIX**. The oil drain hose (48681), adapter (22234) and clamp (23173) will be shipped directly to each dealer who has received a unit in the affected serial number range. (Use a 5/16-18 x 3/4" bolt and 5/16-18 flange nut to secure the clamp to the frame rail.)

Two-tenths (0.2) hour labor will be paid.