

OPERATOR'S MANUAL

MOWER DRIVEN
VACUUM COLLECTOR

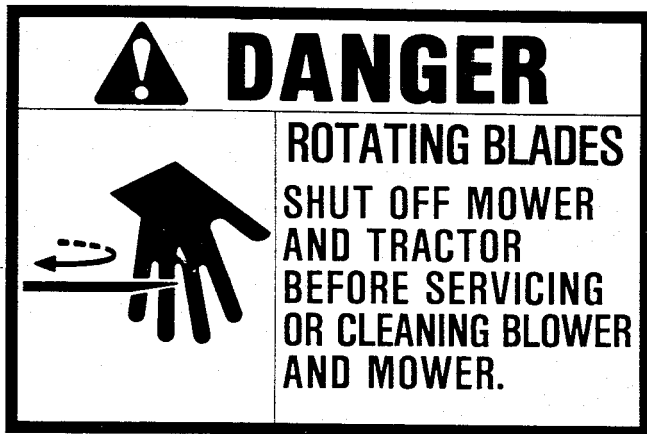
BLOWER ASSEMBLY
MFG. NO. 1691260

DUAL BAG COLLECTOR
MFG. NO. 1691186

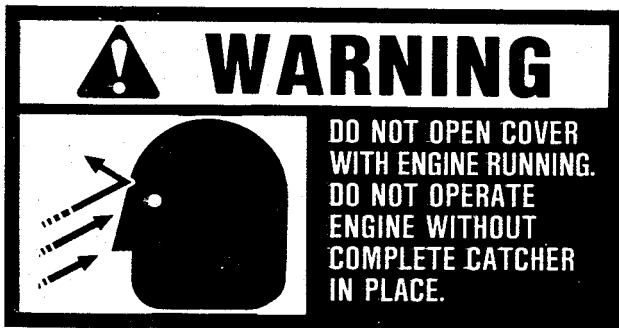
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DECALS




Part No. 1700259. Located on Blower.



Part No. 1676923. Located on Catcher Cover.

Safety Rules



Read these safety rules and the safety rules in your Operator's Manual and follow them closely. Failure to obey these rules could result in loss of control of vehicle, severe personal injury to yourself, or damage to property or equipment. The triangle  in the text signifies important cautions or warnings which must be followed.



WARNING

Do not operate the tractor unless the entire grass catcher system or mower discharge deflector is properly installed.



WARNING

Do not remove any parts of the grass catcher while the engine is running.



WARNING

Read and obey all safety warnings in your tractor Operator's Manual.



WARNING

Under normal use, the bag is subject to wear. Inspect the bag periodically for wear or weak spots, and if necessary, replace with an identical bag.



WARNING

Before raising cover, disengage mower, turn off engine and remove the key. Do not remove catcher tube from adapter or bag while mower is running.



WARNING

When operating on slopes, use front counterweight. Never operate on slopes greater than 30% (16.7°).

INSTALLATION AND OPERATION - DUAL BAGS

1. On each side of tractor, remove existing capscrew, lockwasher and nut (figure 28). (On hydrostatic models, disconnect brake spring on left side). Install the spacer (F) as shown using existing lockwasher and nut, and new plain washer and capscrew.

NOTE

On hydrostatic tractors, use the existing 1-1/2" capscrew on the left-hand side. After installation, hook-up the brake-return spring to the 1-1/2" capscrew. Install 3/8" nut to secure spring.

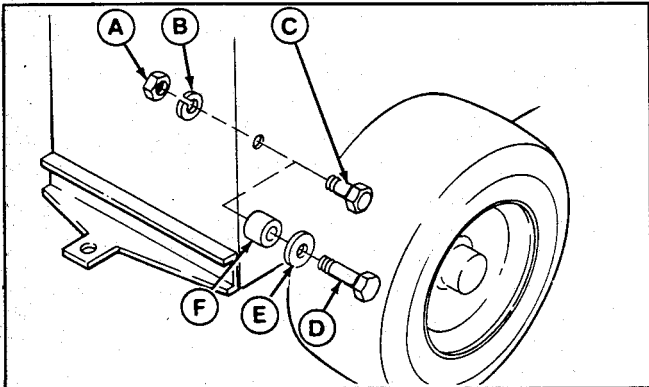


Figure 28.

- | | |
|--------------------------|--------------------------|
| A. Nut | D. Capscrew, 3/8 x 1-1/4 |
| B. Lockwasher | E. Flat Washer, 3/8 |
| C. Capscrew (on tractor) | F. Spacer |

2. On tractors with three forward speeds and 23" dia. rear tires, install support (D, figure 29) with three 3/8-16 x 1 capscrews, 3/8 lockwashers and nuts.

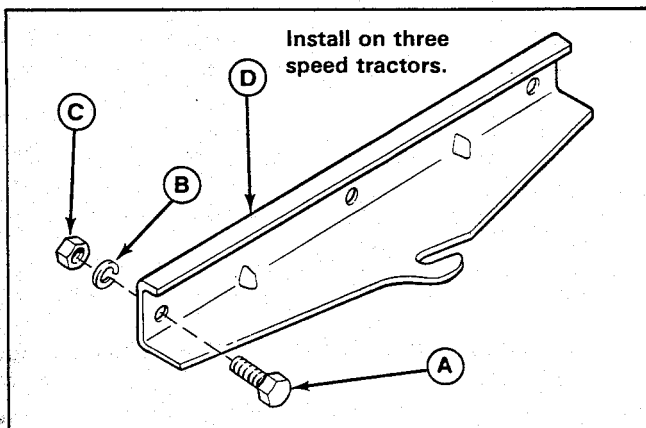


Figure 29.

- | |
|-------------------------|
| A. Capscrew, 3/8-16 x 1 |
| B. Lockwasher, 3/8 |
| C. Nut, 3/8 |
| D. Support |

3. Hook the frame (A, figure 30) onto the spacers installed in step 1. Connect to drawbar with pin and hairpin clip (B).

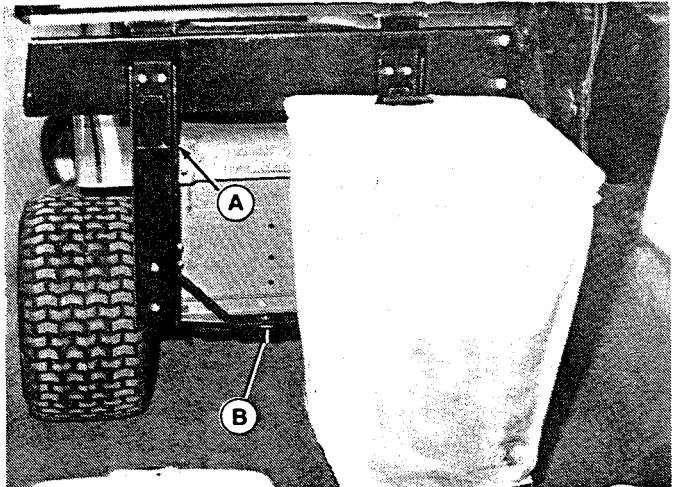


Figure 30.

- | |
|----------|
| A. Frame |
| B. Clip |

4. Connect the elbow bracket (B, figure 31) to right-hand rear side of frame by inserting 5/16-18 x 7/8 carriage bolts (A) from rear and the installing 5/16" lockwashers and nuts.

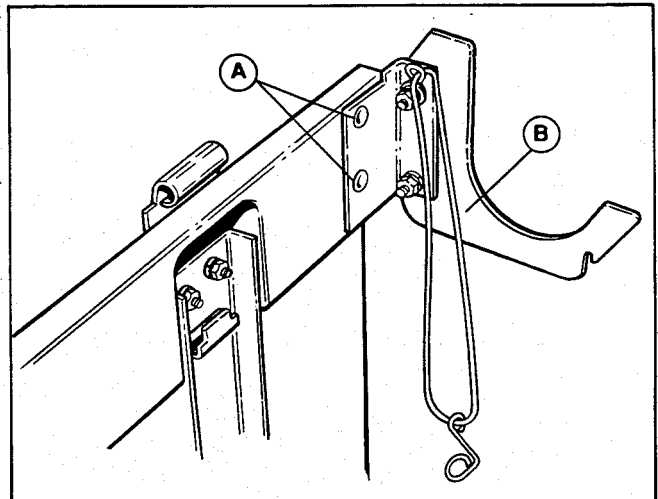


Figure 31.

- | |
|------------------|
| A. Bolts |
| B. Elbow Bracket |

- Attach hose (A, figure 32) to blower housing (B) with clamp (C) and tighten with a screwdriver, or wrench.

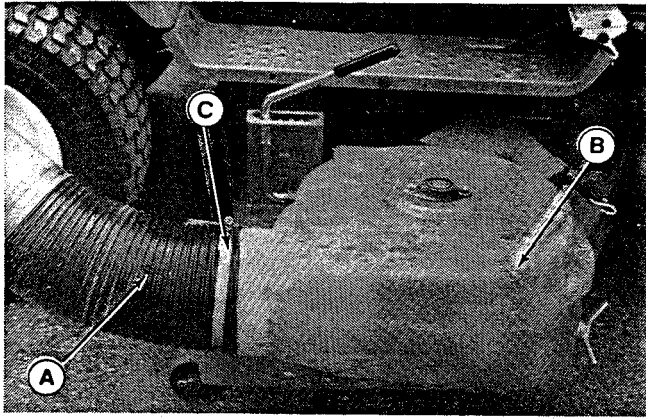


Figure 32.

A. Hose B. Blower Housing C. Clamp

- Insert tube (A, figure 33) into elbow, then insert the elbow (B) into the elbow bracket (E). Pull the rubber strap (C) over the elbow and hook as shown.

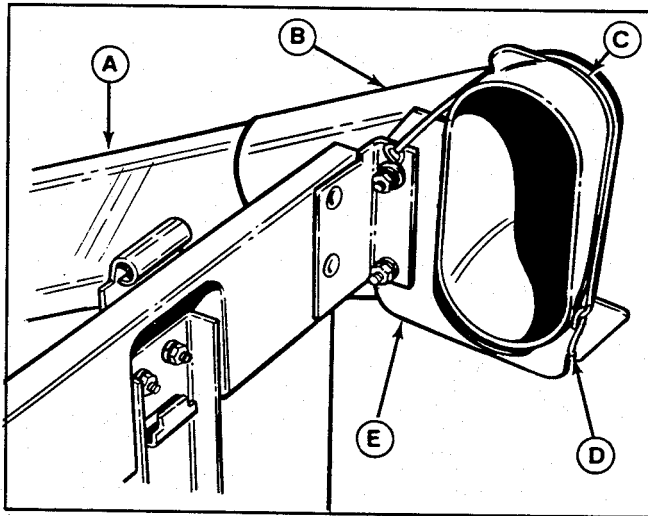


Figure 33.

A. Tube D. Hook
B. Elbow E. Elbow Bracket
C. Rubber Strap

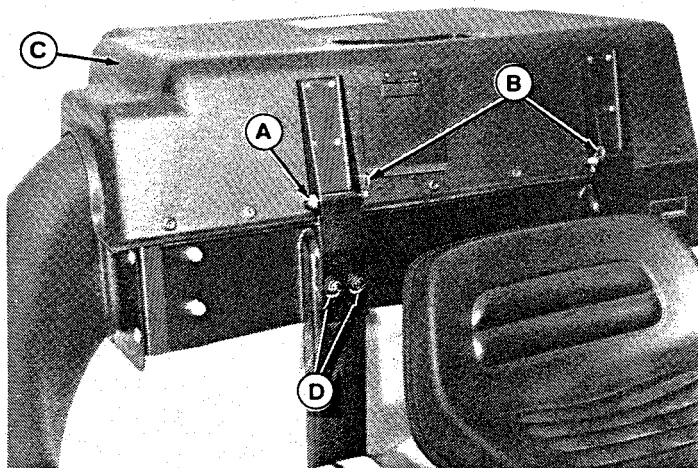


Figure 34.

A. Pins C. Cover
B. Clips D. Nuts

- Place cover (C, figure 34) onto frame and align the hinges. Insert pins and install clips (B).

NOTE

The front edge of cover must seal against cross member. Loosen the four nuts (D), adjust cover as necessary, then tighten the nuts.

- The grass bag must be installed onto the hanger. Insert one end of the hanger into hole in seam of bag as shown in figure 35. Then, continue routing bag around (figure 36) until the two ends of hanger extend through hole in seam of bag. Be sure the handle is on bottom of bag. (If handle is inside bag, the bag is inside-out.)
- Position the white clip (figure 37) along back edge of bag.

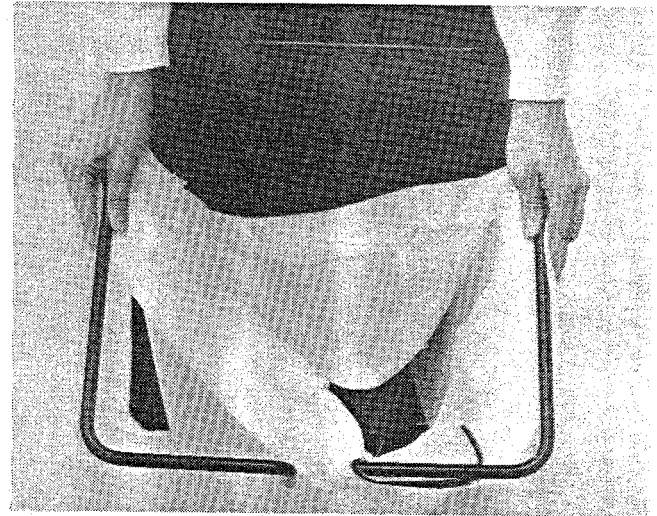


Figure 35.

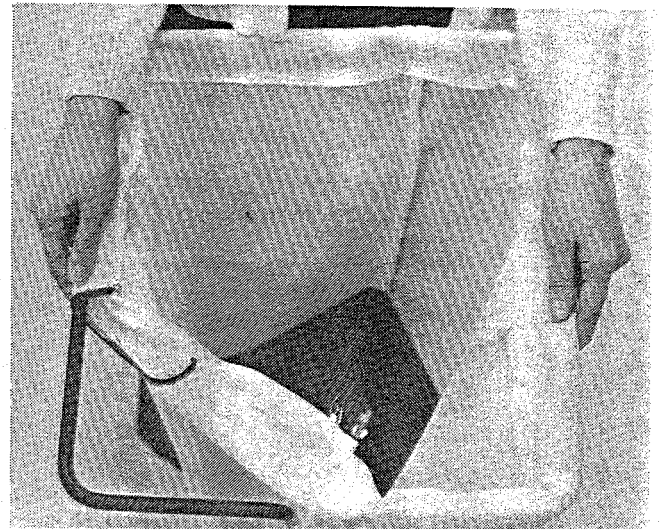


Figure 36.

- Connect brakes to the bag frames with slot in bracket toward top (figure 38). The cloth is shown cut away for clarity only. Be sure brackets are outside the bag.
- Hang the bags onto the frame, by hooking onto slotted bracket (figure 37).
- The installation is now complete.

NOTE

If bag does not hang straight, loosen nuts (c. figure 38) and twist hoop. Then re-tighten nut.

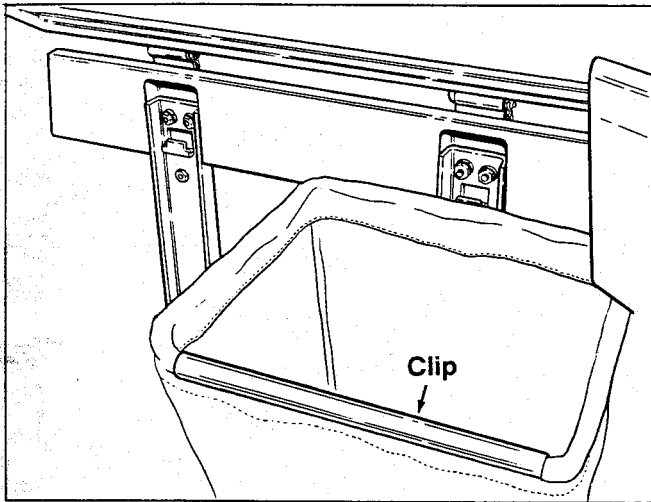


Figure 37.

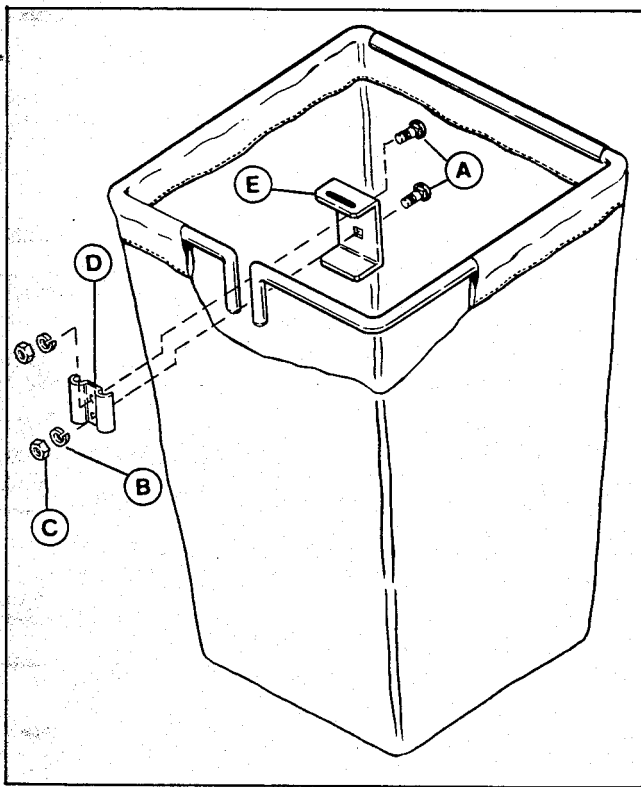


Figure 38.

A. Bolt, Carriage, 5/16 x 7/8
B. Lockwasher, 5/16
C. Nut, 5/16

D. Bracket
E. Slotted Bracket

Operation — With Dual Bags

BEFORE OPERATION

Clear the lawn of all sticks, stones, wire and other debris which may be caught or thrown by the mower blades.

Clean the tube with mild detergent (other products may damage tube). The flow of grass can be seen through the tube while mowing.

Check grass condition. If wet, wait until later in the day. If grass is wet plugging may occur.

For efficient bagging, air circulation under the mower deck, through the chute and into the bag is very important. For this reason, you should remove grass and debris from underside of mower deck, discharge chute and screen inside cover.

The adapter, tube and elbow can be removed as an assembly for cleaning. Remove the nuts and washers that hold the adapter to mower deck and unhook rubber strap from elbow.

If desired, the bags can be lined with 30 gallon trash bags for easy disposal.

OPERATION

Grass should be cut often, and not too short. If grass is too long or lush it may be necessary to keep ground speed to a minimum or to cut only half the width to prevent clogging. If grass is high, operate with mower in high cutting position. Cut the grass again in lower cutting position, if desired.

To check if bags are full, open the inspection door, located directly behind the operator's seat.

Always operate with throttle at full speed.

EMPTYING THE BAGS

NOTE

If seat has spring suspension, tilt the seat forward to allow cover to remain in "up" position.

Raise the cover. If a plastic liner was not used, unhook the bag and turn upside down to empty (use handle on bottom).

If plastic liner was used, first tie up top of liner. Then, either pull the liner out, or turn the bag upside down and allow the filled liner to slide out.



WARNING

For safety reasons grass and debris are to be removed only after engine is shut off, key removed, and all moving parts stopped.



WARNING

Before raising cover, shut off engine, remove key, and set parking brake.

Operating Without Collection System — 42" and 48" Mowers



WARNING

When blower assembly is removed from mower deck, the deflector must be installed as described in this section.

To operate without the grass collection system, remove the blower assembly by removing the front wing nut and cup washer, and slipping belt off of the pulley. Reinstall the mower deflector (figure 39) and the original hardware. Install two carriage bolts from bottom and install washers and nuts (A). Install the front washers (B) and nut (C). Be sure flat washers and lockwashers are used at all three locations.

Pivot the cover (A, figure 40) over the arbor pulley and hook into position.

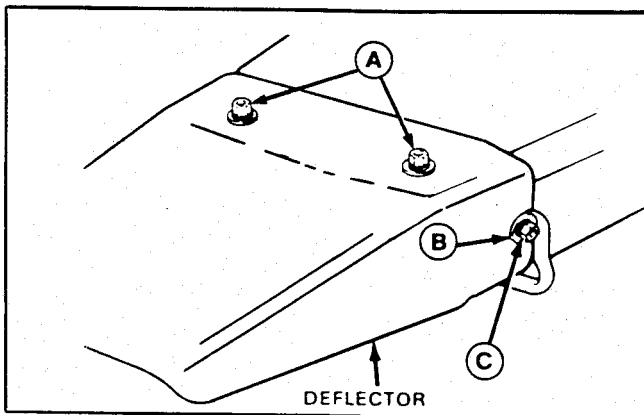


Figure 39.

- A. Nut
- B. Washer
- C. Nut

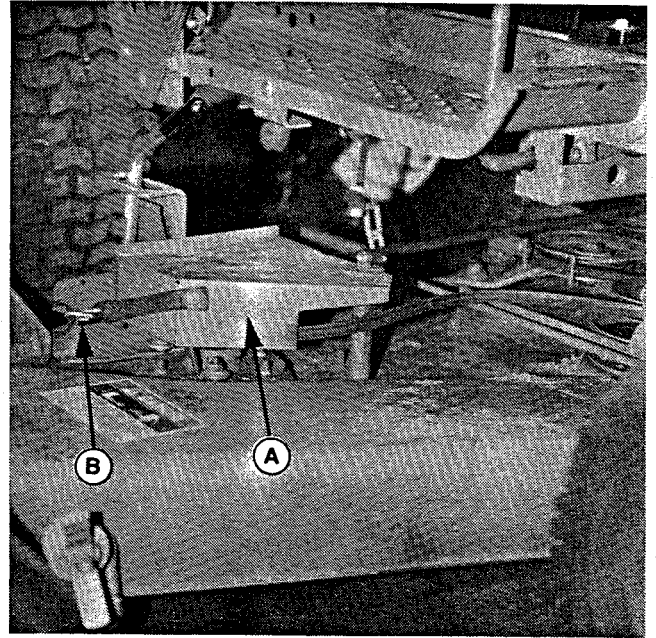


Figure 40.

- A. Cover
- B. Hook

Operating Without Collection System — 36" Mowers

To remove the blower assembly, first loosen the front wing nut. To provide belt slack, push the belt retainer (B, figure 6). Slip the belt off the pulley. The blower can be removed from deck.

Install the mower deflector (A, figure 41) with two carriage bolts, lockwashers and nuts.

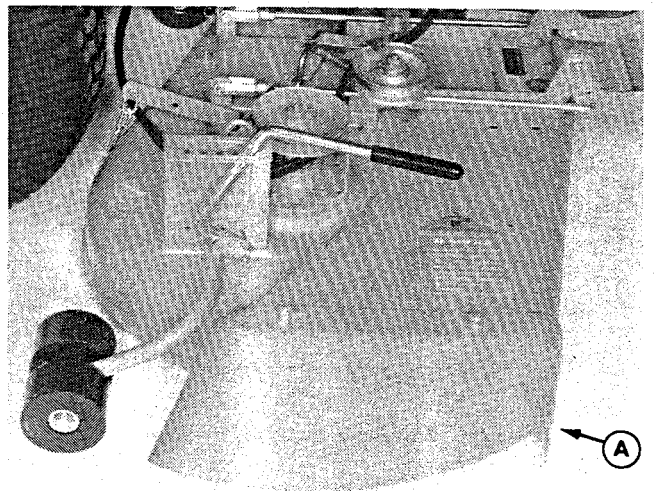


Figure 41.

- A. Deflector