

Operating & Maintenance Instructions



30" Mower Rear Grass Bagger

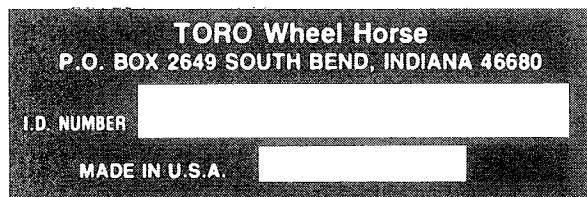
100-Series
Rear
Grass Bagger



Wheel Horse®
Tractors & Riding Mowers

VEHICLE IDENTIFICATION (VIN) NUMBER

A Vehicle Identification Number identifies your Toro Wheel Horse bagging attachment. Always refer to this number when consulting your dealer or factory about service, replacement parts, or questions you may have. Replace VIN plate if it becomes lost during operation or maintenance. For your reference, record below the number from VIN plate on your attachment.



DESCRIPTION

The grass bagger covered in this manual is designed to fit 100-Series Toro Wheel Horse tractors with 30 inch side discharge mowers. Installing the optional 8-1124 Front Weight Kit is recommended with this bagger. This manual also covers installation of this accessory.

ASSEMBLY

PREPARE MOWER (Fig. 1-3)

⚠ CAUTION ⚠

Use care not to tip rider over while it is on end.

Sharp edges of mower blade can cut you during blade maintenance or adjustment. Use suitable covering over cutting edges of blade to prevent bodily harm.

Stand the rider on end as described in the rider Operator's Manual. Attach the two lift tabs on the top side (curved up section) of the blade (Fig. 1). All bolts are inserted from the bottom side of the blade, bolt heads down. Use the six special locking nuts (hole in nut has oval shape) on the lift tab bolts. Torque nuts to 19 ft. lbs. (27 Nm).

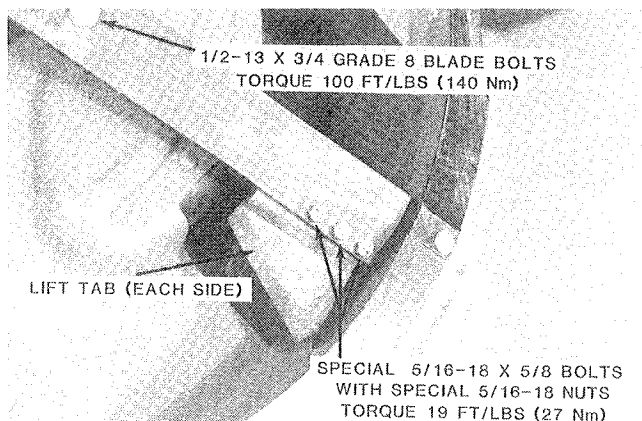


FIG. 1. Install Lift Tabs and Blade Plate

Obtain the six mower ring plates, ten $\frac{5}{16}$ -18 x $\frac{5}{8}$ carriage bolts and ten $\frac{5}{16}$ -18 Eslok nuts. Install the ring

plates as shown in Fig. 2. Note that the plates are formed to overlap the next plate at one end. Insert the carriage bolts from the bottom side of the plates.

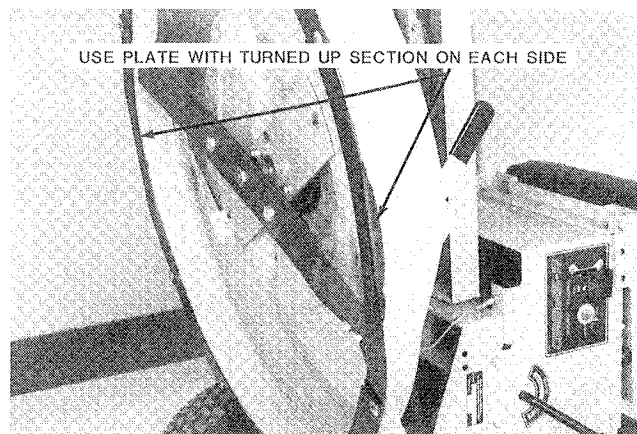


FIG. 2. Install Ring Plates

Disconnect the interlock wire from the discharge chute and remove the chute. Install the discharge elbow using the four $\frac{1}{4}$ - 20 x $\frac{5}{8}$ carriage bolts, special large diameter $\frac{1}{4}$ washers and $\frac{1}{4}$ - 20 Eslok nuts (Fig. 3). Connect the interlock wire to the stud on the elbow. The carriage bolts are installed from the underside of the mower deck.

Lower the rider onto its wheels.

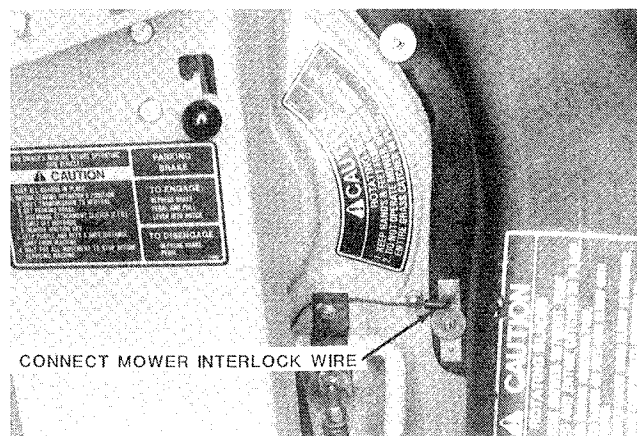


FIG. 3. Install Discharge Elbow

ASSEMBLE BAGGER (Fig. 4-8)

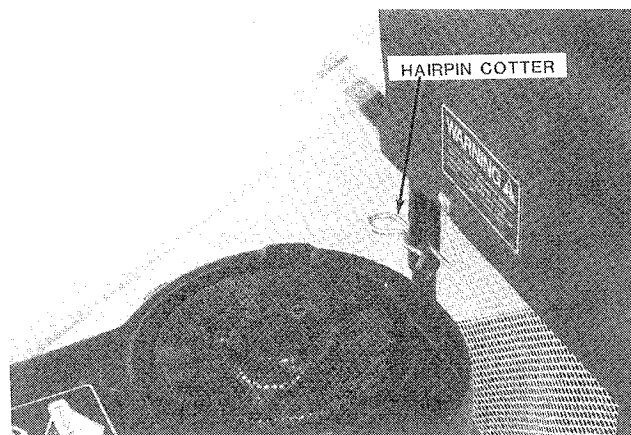


FIG. 4. Install Hairpin Cotter

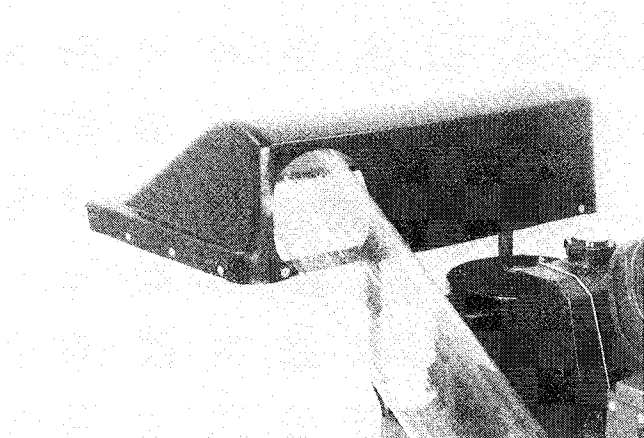


FIG. 5. Install Top and Discharge Tube

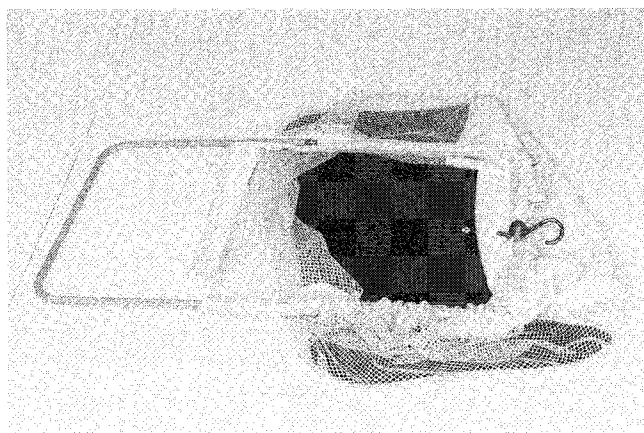


FIG. 6. Assemble Bag and Frame

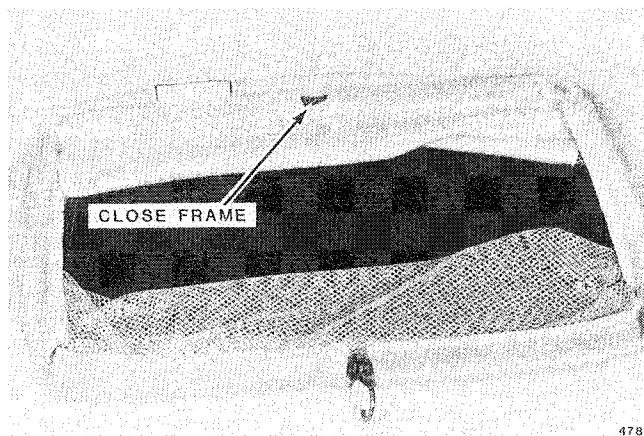


FIG. 7. Close Frame

Slip the top assembly onto the support rods at the rear of the rider and secure with hairpin cotter (Fig. 4). Insert the discharge tube into the opening in the top, then work it down onto the discharge elbow (Fig. 5).

If not already done, open grass bag frame and slip bag and latch pin on frame as shown in Fig. 6. Slide bag around frame and close frame (Fig. 7). Slide bag into place in top and secure with hairpin cotter (Fig. 8).

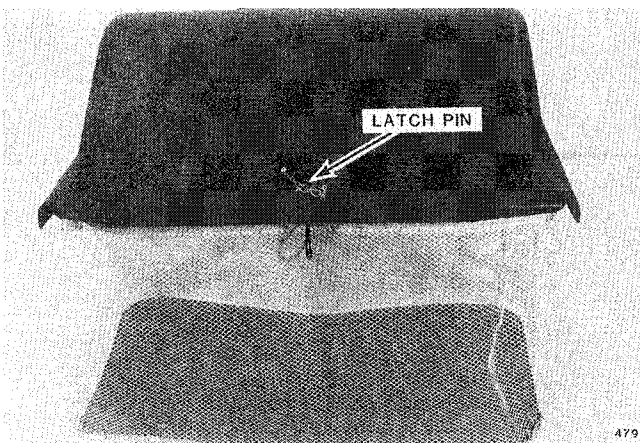


FIG. 8. Secure Bag in Top

INSTALL OPTIONAL FRONT WEIGHT (Fig. 9)

IMPORTANT

The 8-1124 Front Weight Accessory (not part of this attachment) is required when the rider is to be operated with the bagger on slopes greater than 10°.

On the back side of the weight, place a $\frac{7}{16}$ U.S. flat washer over each mounting hole and secure in place with masking tape. Secure the weight in place with the $\frac{7}{16}$ -14 x 3 carriage bolts, $\frac{7}{16}$ washers, and $\frac{7}{16}$ Eslok nuts. The longer bolt supplied with the weight is surplus for this installation and should be discarded.

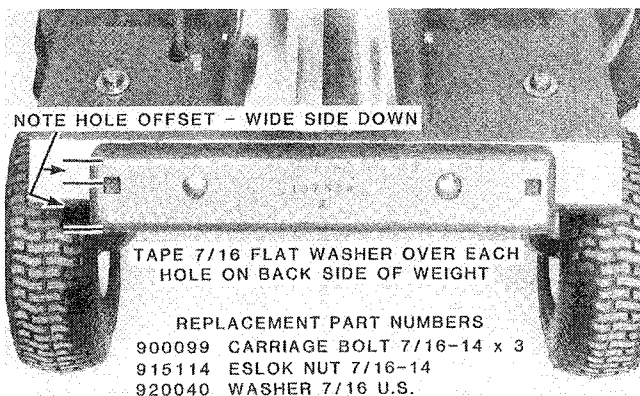


FIG. 9. Optional Front Weight Installation

REMOVAL

After the initial installation, the rear grass bagger is removed by the following method:

1. Remove grass bag, discharge tube, and top assembly.
2. Remove the discharge elbow, ring plates and the lift tabs.
3. Install the metal discharge chute.

Keep all shields and mower discharge chute in place. Never attempt to clear discharge areas or mower blade without disengaging the mower and removing the ignition key.

OPERATION

CAUTION

Become familiar with all operating instructions and safety suggestions contained in applicable Owner's Manuals before attempting to operate this equipment. Never perform any maintenance or repairs while the engine is running. Never remove the discharge tube, top, or remove the grass bag while the engine is running.

With a few exceptions, operation of the rider with the rear grass bagger is similar to operation without it. Keep in mind that the rider is made longer when this attachment is installed, so be sure to avoid sharp turns in confined places. Also, use care when trimming with the right side of the mower to avoid damage to the discharge elbow.

The bagger attachment is designed to operate efficiently at normal mowing speed. Due to the extra amount of power required to drive the mower, it may be necessary to reduce the ground speed of the rider to keep the engine running smoothly, at maximum governed RPM. When mowing uphill, it is recommended that the rider's ground speed be reduced by at least one gear, which will help to avoid a large power drop and loss of "suction". When practical, set up a mowing pattern that will permit as much downhill mowing as possible.

CAUTION

Avoid stopping when mowing uphill. If it becomes necessary to stop when mowing uphill, place the rider back into motion with extreme care.

The suction action generated by the mower is capable of picking up grass clippings, leaves, small twigs, and other light debris from the lawn and deposit them in the grass bag. Larger twigs, branches, tree limbs, stones, and other solid debris should be removed from the lawn before mowing to avoid damage to the mower or grass bagger.

If suction action, or pick-up should stop during use, disengage the mower and shut off the engine. Check for a full grass bag, or a clogged discharge elbow, mower, or discharge tube. Always empty the grass bag when full and after each use.

Repeated clogging is an indication that the grass may be too long or wet. To correct, raise the cutting height of the mower, or permit the lawn to dry out, as applicable.

CAUTION

The grass bag is not a storage container. Never leave fresh grass clippings or other organic matter in the bag for any length of time. Under the right conditions spontaneous combustion, a process where fire is generated without an external source of ignition, can occur with this type of material.

CAUTION

The grass bag can weigh up to 50 lbs. (20.3 kg) when full. Use care when removing or handling a filled grass bag.

MAINTENANCE AND STORAGE

Normal maintenance of the rear grass bagger attachment is minimal. After use, remove and wash the top and discharge tube with a garden hose. A mild automotive detergent may be used to remove stubborn dirt. After washing, allow the parts to thoroughly dry. The discharge elbow and the underside of the mower should also be checked after use and cleaned as necessary. Matted grass in these areas can seriously affect cutting performance.

Keeping the grass bag dry will help prevent deterioration of the bag material and add to the useful life of the bag. Therefore, store the bag in a manner that will insure complete drying after use. Washing the bag is not recommended.

After every 10 hours of operation, inspect that all parts of the bagger and all fasteners are in good condition. Pay particular attention to the condition of the bag, discharge elbow, tube and top — replace these parts if torn, cracked or broken. Also inspect the high lift blade after every 10 operating hours. Refer to Figure 9, and inspect for cracked lift tabs or severely worn hardware. Wear will be more significant in dry areas having sandy soil.

CAUTION

Inspect the bagger at specified intervals and replace worn or deteriorated parts with new Wheel Horse replacement parts.

Inspect the blade at the specified interval, and whenever the blade strikes a foreign object.

1. Always replace worn or cracked lift tabs and worn hardware with new parts; do not reuse or attempt repair.
2. Install new lift tabs as shown in Fig. 9; use ONLY the hardware supplied with the replacement lift tab. Tighten hardware to the specified torque value.
3. Always balance the blade after replacing lift tabs or sharpening the blade. If the blade is badly worn, replace it.

Before storing the attachment, clean it thoroughly and allow it to dry. Store the bagger in a clean, dry place, out of direct sunlight, which will help protect the plastic parts against fading or discoloration. Use a weatherproof cover if stored outdoors.

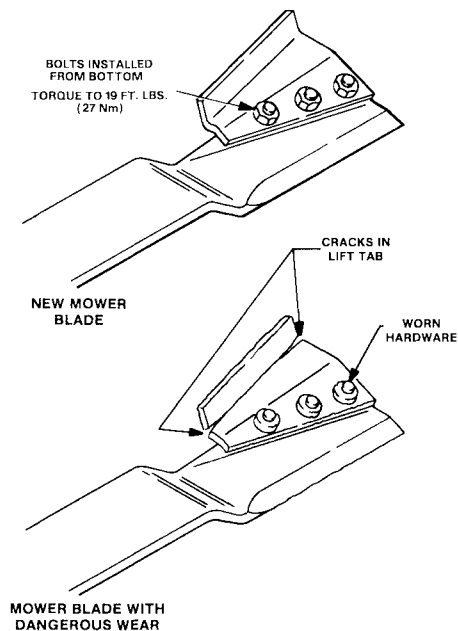


FIG. 10. Inspect High Lift Blade

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A separate parts manual for your Toro Wheel Horse product can be obtained by completing the attached form below. You will receive an invoice with manual.

**PUBLICATIONS
TORO WHEEL HORSE
P.O. Box 2649
South Bend, Indiana 46680**

PARTS MANUAL ORDER FORM

Enter number shown on your attachment:

TORO Wheel Horse
P.O. BOX 2649 SOUTH BEND, INDIANA 46680

I.D. NUMBER

MADE IN U.S.A.

MAIL LABEL -- PLEASE PRINT CLEARLY

TO:

Name _____

Address _____

City

State

Zip

Product information and specifications are shown herein as of the time of printing. Toro Wheel Horse reserves the right to change product specifications, designs and standard equipment without notice and without incurring obligation.

Right at home.



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