

Operating & Maintenance Instructions



30" & 38" Mower Easy Empty Grass Catcher

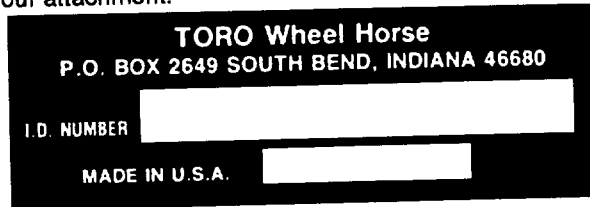
200-Series
Easy Empty
Grass Catcher



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 200-Series Toro Wheel Horse tractors with 30 & 38 inch side discharge mowers.

PREPARE MOWER

30" Mower Only

Install Mower Blade Lift Tabs, Ring Plates & Discharge elbow

⚠ CAUTION ⚠

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.

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

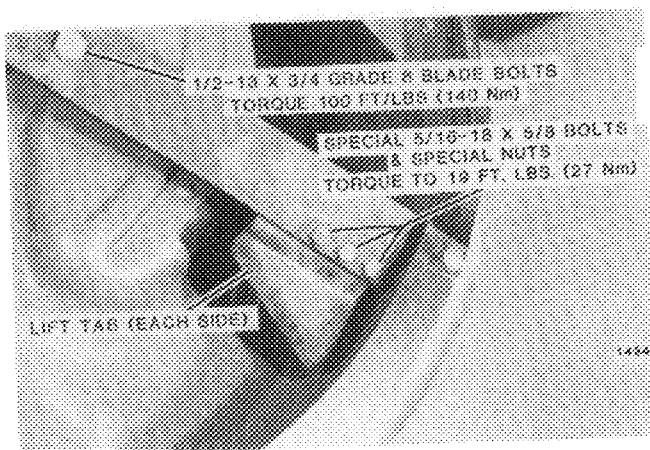


FIG. 1. Install Lift Tabs

Locate six supplied mower ring plates, ten 5/16-18 x 5/8 carriage bolts and ten 5/16-18 lock nuts. Install ring plates as shown in figure 5. Note that plates are formed to overlap next

plate at one end. Insert carriage bolts from bottom side of plates.

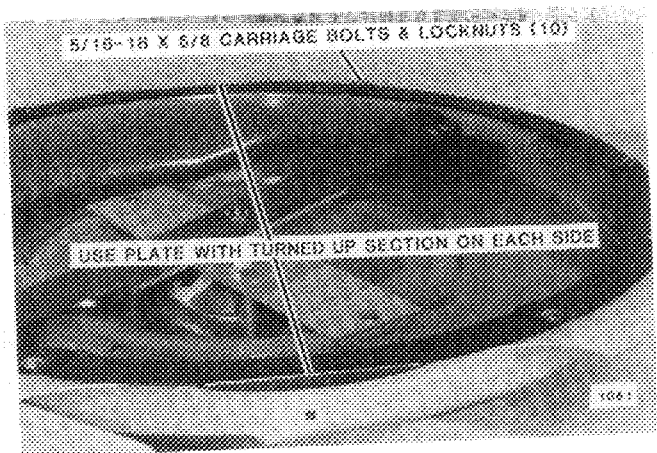


FIG. 2. Install Mower Ring Plates

Reinstall mower on tractor as outlined in mower Operator's manual. Remove side discharge chute leaving three bolts and speed nuts installed. Locate two supplied 1/4-20 x 3/4 speed nuts, flat washers and 1/4-20 wing nuts. Install carriage bolts on mower from inside and secure with speed nuts (Fig. 3). Install discharge elbow on mower deck using flat washers and wing nuts. (Fig. 4).

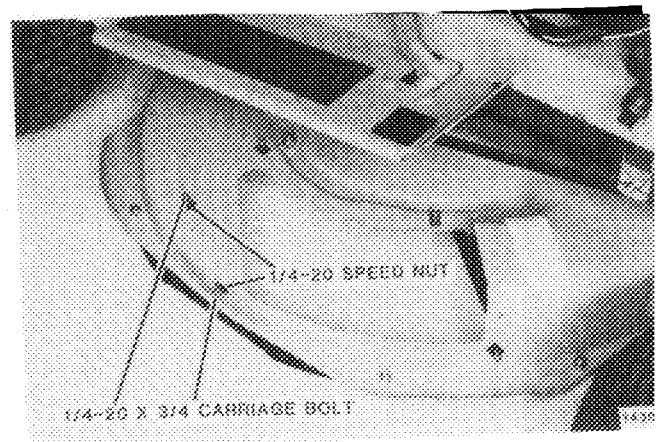


FIG. 3. Install Bolts & Speed Nuts



FIG. 4. Install Discharge Elbow

38" Mower Only

⚠ CAUTION ⚠

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.

Remove discharge chute and secure front of discharge elbow to mower deck with retainer clip (Fig. 5). Secure rear of discharge elbow to mower deck with rubber handle (Fig. 6).

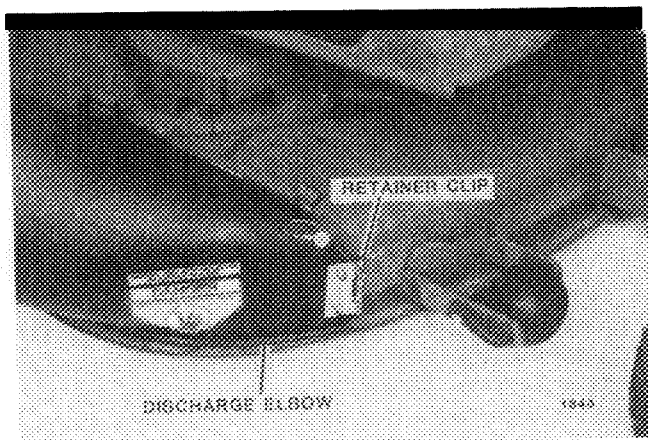


FIG. 5. Front Discharge Chute Mounting

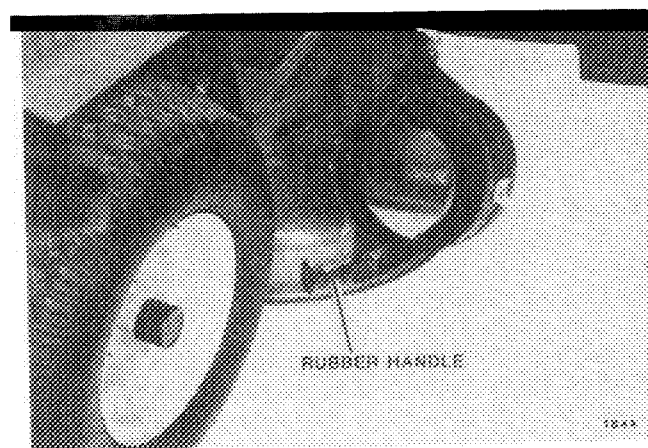


FIG. 6. Rear Discharge Chute Mounting

INSTALLATION

Install lower support on tractor with two 5/16-18 x 5/8 bolts, washers and nuts (Fig. 7).

Slide quick attach bracket into large hole in rear frame and hook brackets over bolt spacer at each side. Secure quick attach bracket with large hairpin cotter (Fig. 8).

Install hitch bracket on bagger using two 5/16-18 x 3/4 bolts and nuts (Fig. 9). Install spacer on hitch bracket with 1/4-20 x 2 bolt, washer and nut.

Open grass basket and slide dump handle in top of basket and into handle channel (Fig. 10). Make sure handle grips points forward.

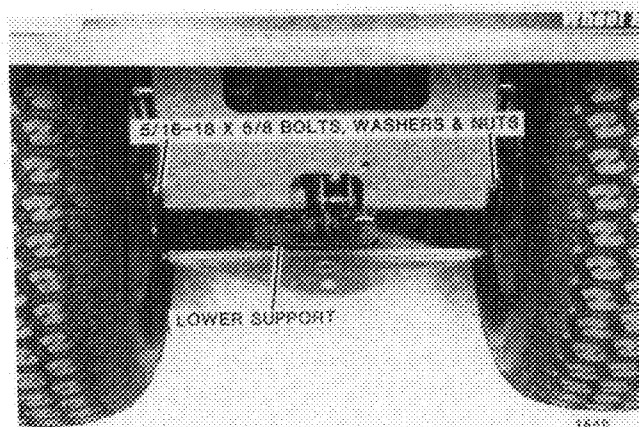


FIG. 7. Install Lower Bracket

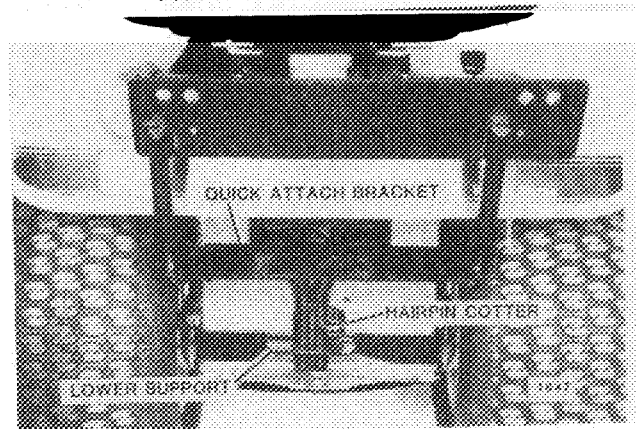


FIG. 8. Install Quick Attach Bracket

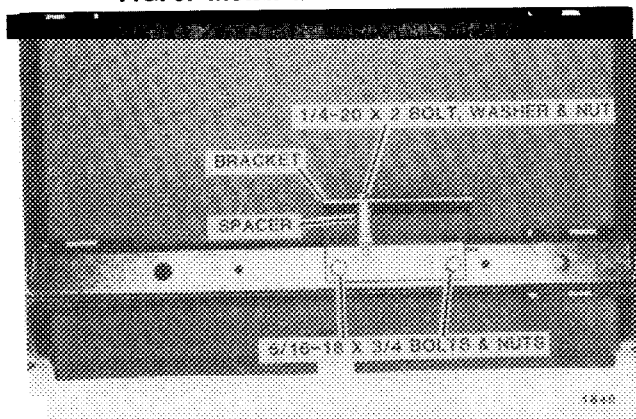


FIG. 9. Install Hitch Bracket and Spacer

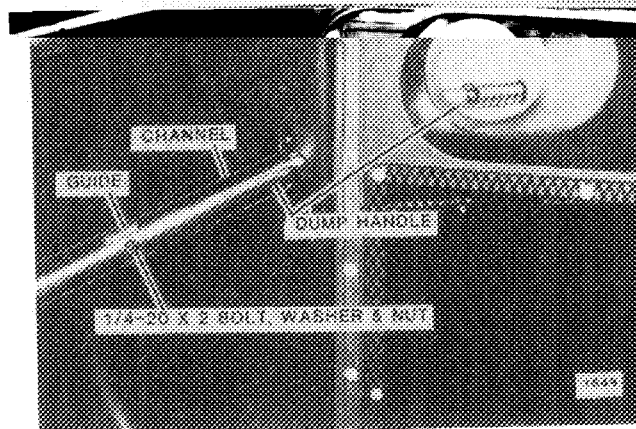


FIG. 10. Secure Handle

Lift up on end of dump handle allowing handle guide to be positioned onto handle and into channel. Secure handle guide and handle to channel with 1/4-20 x 2 bolt, washer and nut.

Pull dump handle out until it stops; then close basket. Push handle all the way down to lock basket closed.

Note: If basket opens, handle is not pushed in far enough or basket is not closed tightly.

Install bagger assembly on quick attach bracket (Fig. 11). Position spacer in bottom hole of quick attach bracket and bagger mounting pins in top holes. Secure bagger with two hairpin cotters.

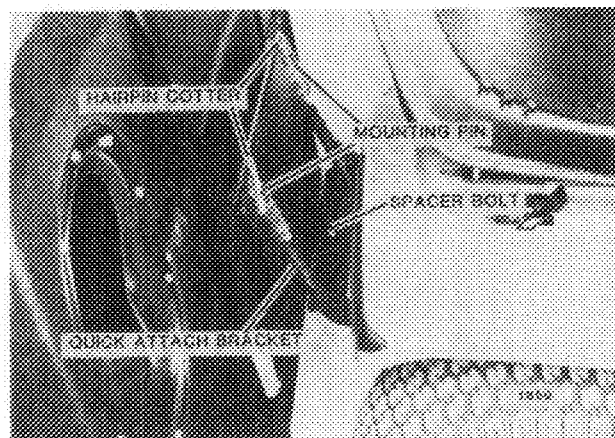


FIG. 11. Install Bagger on Quick Attach Bracket

Insert discharge tube into opening in bagger. Slip tube over discharge elbow and secure tube to elbow (Fig. 12).

Note: Two flat washers and wing nuts secure tube to elbow on 38" mowers only.

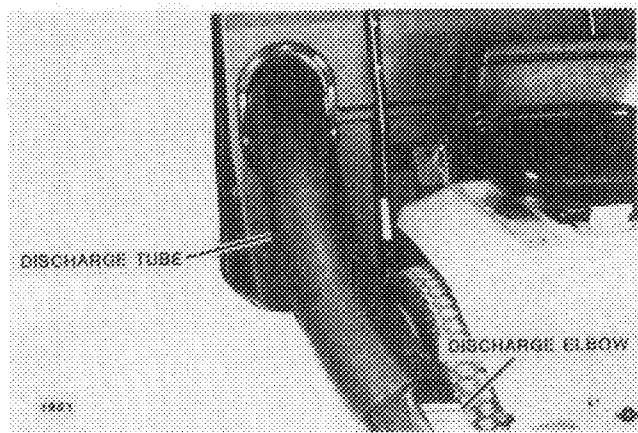


FIG. 12. Install Discharge Tube (30" Mower Shown)

REMOVAL

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

1. Remove discharge tube from discharge elbow.

2. Remove discharge elbow and install standard discharge chute.

⚠ CAUTION ⚠

Never operate mower unless discharge chute is in place or complete rear grass bagger is installed.

3. Remove hairpin cotters from bagger. Remove bagger from quick attach bracket.

4. Remove bagger quick attach bracket.

⚠ CAUTION ⚠

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.

OPERATION

⚠ CAUTION ⚠

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

With a few exceptions, operation of tractor with rear grass bagger is similar to operation without it. Keep in mind that tractor is made longer and wider when this attachment is installed, so be sure to avoid sharp turns in confined places. Also, do not trim with right side of mower. Trimming with right side of mower can result in damage to the discharge elbow.

Bagger attachment is designed to operate efficiently at normal mowing speed. Due to extra amount of power required to drive mower, it may be necessary to reduce ground speed of tractor to keep engine running smoothly, at maximum governed RPM. When mowing uphill, it is recommended that tractor's ground speed be reduced by a least one gear. This 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 as possible.

⚠ CAUTION ⚠

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

Suction action generated by mower is capable of picking up grass clippings, leaves, small twigs and other light debris from lawn and deposit them in the bagger. Remove larger twigs, branches, tree limbs, stones and other solid debris from lawn before mowing to avoid damage to mower and grass bagger.

During operation, a small amount of grass clippings will normally be blown out front of mower. When this flow increases, this is a indication that bagger is full.

If suction action, or pick-up should stop during use, disen-

gager mower and shut off engine. Check for full bagger or a clogged discharge elbow, mower or discharge tube. Always empty bagger when filled and after each use.

⚠ CAUTION ⚠

Grass baggers are not storage containers. Never leave fresh grass clippings or other organic matter in bagger for any length of time. Under the right conditions spontaneous combustion, a fire generating process which occurs without an external source of ignition, can occur with this type of material.

Emptying the Bagger

Shift Transmission into neutral, apply foot brake and disengage PTO. Pull dump handle up and pull forward to open basket. Drive forward a few feet, close basket and push dump handle down into locked position.

MAINTENANCE AND STORAGE

Normal maintenance of rear grass bagger attachment is minimal. After use, remove discharge tube and wash tube and discharge elbow with a garden hose. Use a mild automotive detergent to remove stubborn dirt. After washing allow parts to thoroughly dry. Check underside of mower and inside of bagger after use and clean as necessary. Matted grass in these areas can seriously effect performance.

After first 10 hours of operation, inspect that all parts of bagger and all fasteners are in good condition. Pay particular attention to condition of elbow, tube and bagger - replace parts is cracked or broken.

⚠ CAUTION ⚠

Under normal use the bag material is subject to wear and deterioration and should be checked frequently for replacement. Replace with Toro Wheel Horse components when wear or deterioration requires.

Inspect blades at specified interval, and whenever a blade strikes a foreign object. If blades are badly worn, install new blades.

Before storing attachment, clean it thoroughly and allow it to dry. Store bagger in a clean, dry place, out of direct sunlight. This will protect plastic parts and extend life of bagger. Use a weatherproof cover if stored outside.

⚠ CAUTION ⚠

30" Mower Only

1. Replace worn or cracked lift tabs and worn hardware with new parts, DO NOT reuse or attempt repair.
2. Install new lift tab as shown in figure 13; use ONLY hardware supplied with replacement lift tab. Tighten hardware to specified force value.
3. Always balance blade after replacing lift tab or sharpening blade. If blade is badly worn, install a new blade assembly.

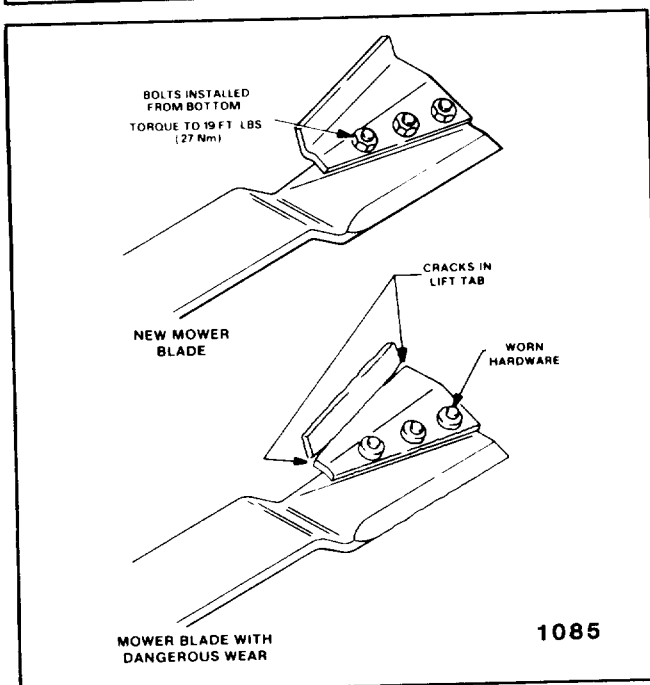


FIG. 13. Inspect High Lift Blade

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.



Wheel Horse®
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