



MODEL NO. 86032

INSTALLATION  
INSTRUCTIONS

**WHEEL HORSE®**  
**38" Recycler® Mower Kit**





**Recycler® Mower kit should be installed by an Authorized Toro Wheel Horse Service Dealer to ensure that converted mower meets safety requirements.**

## DESCRIPTION

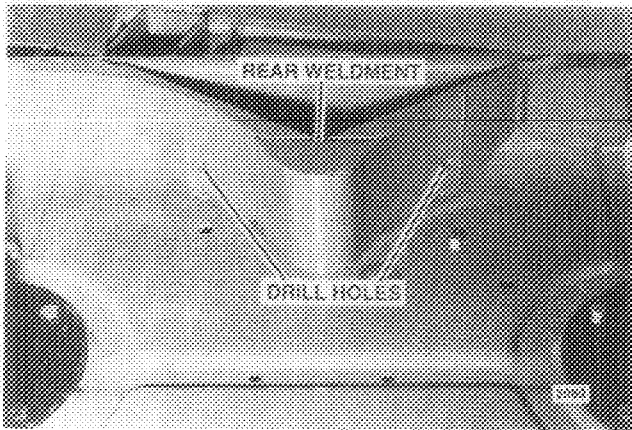
This 38" Recycler® Mower Kit may be installed on 200-Series tractors with 38" side discharge mowers - Model Nos. 05-38SL; 240-Series tractors with 38" side discharge mowers - Model Nos. 78215 and 05-38SS; 600-Series mowing machines with 38" side discharge mower - Model Nos. 78400 and 05-38SY.

## INSTALLATION



**Sharp edges of mower blades can cut you during this kit installation. Use suitable covering over cutting edges of blade to prevent bodily harm.**

Remove mower from tractor as outlined in mower operator's manual. Remove side discharge chute or bagger elbow.



**FIG. 1 Install Rear Weldment**



**Before installing Recycler® Mower kit, check mower's safety systems (blade stopping devices, safety switches, controls) for proper operation. Make any repairs as needed. Refer to your Operator's Manuals for details.**

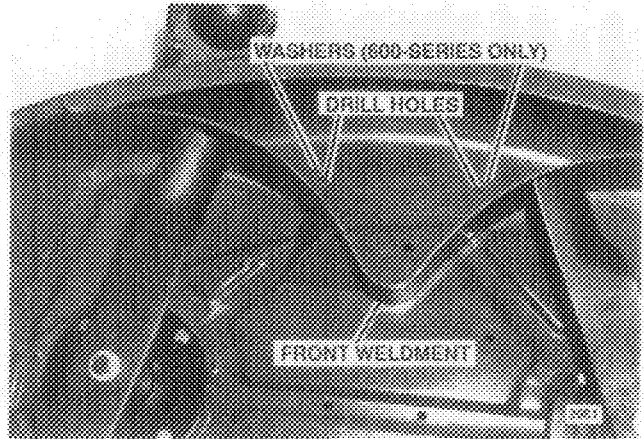
**NOTE: Some mowers already have holes drilled in deck for weldments and kickers.**

Turn mower upside down. Center rear weldment as shown in Figure one. Mark and drill two holes in mower deck for 1/4" bolts (Fig. 1). If applicable, remove spindles to allow clearance for drill. Install rear weldment to deck using two 1/4 x 5/8" cap screws and Eslok nuts. Check to insure blade clears weldment.

Locate template P/N 79-3890. Using template, mark and drill two holes in top of mower deck for 3/8" bolts (Figs. 2 & 5). Position front weldment on deck and align holes. Secure

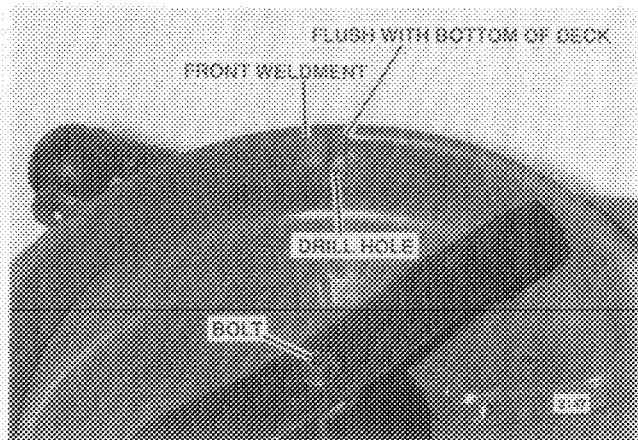
weldment using two 3/8 x 7/8" bolts and Eslok nuts. **NOTE: On 78400 and 05-38SY mowers, install 13/32 x 1 1/4 O.D. washer(2) between front weldment and top of deck.**

Make sure blades clear weldment.



**FIG. 2 Install Front Weldment**

Position side of front weldment even with bottom edge of deck, clamp in place and mark deck for side attaching bolt (Fig. 3). Drill hole in mower deck for 5/16" bolt and secure side of front weldment with 5/16 x 3/4" carriage bolt and Eslok nut. Nut must be on outside of deck. Check that blade clears bolt head, if applicable loosen bolts on spindle and reposition spindle so that blade clears bolt head.



**FIG. 3 Secure Side of Front Weldment**

Locate template P/N 79-3900. Using template, mark and drill six holes in mower deck for #8 screws (Figs. 4 & 5). Install three kickers (bosses with holes towards top of deck) on deck using six #8 x 5/8" screws. Screws are installed from top of deck. Long slope on kickers must be positioned in a clockwise direction as viewed in Figure 4.

Locate template P/N 79-3910. Using template, mark and drill holes in mower deck for #8 screws (Figs. 5 & 6). Counter bore wear plates (600-Series 78400 and 05-38SY Only) **NOTE: Kicker with one flat end is to be installed on 600-Series 78400 and 05-38SY mowers only.** Install kicker (bosses with holes towards top of deck) on deck using #8 x 5/8 (#8 x 1" on 600-Series only) screws. Screws are installed from top of deck. Long slope on kicker must be positioned in a clockwise direction as viewed in Figure 5.

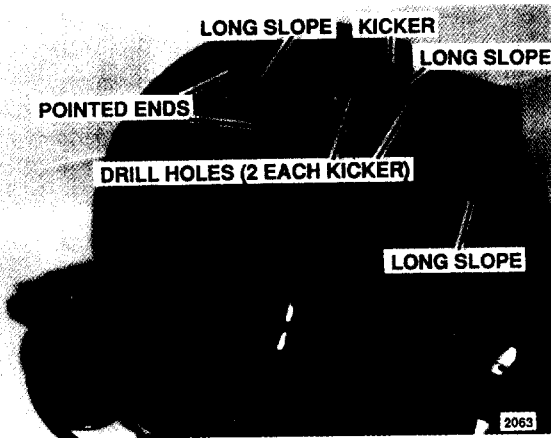


FIG. 4 Install Left Side Kickers

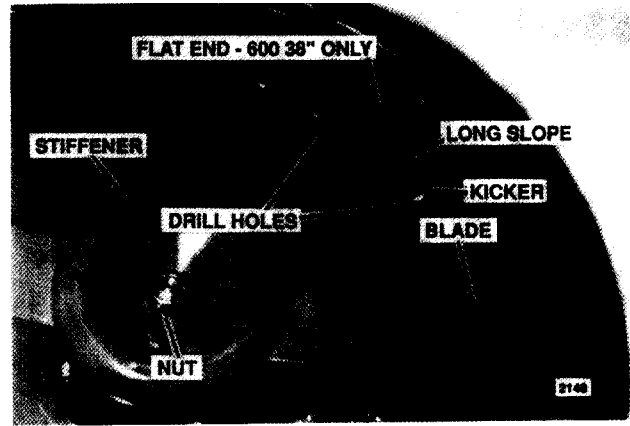


FIG. 6 Install Right Side Kicker

Remove blades from mower (Fig. 3 or 6).

On mowers with blades that are retained with a nut and stiffener (Fig. 6), install supplied blades and original stiffener.

On mowers with blades that are retained with a bolt (Fig. 3), install supplied blades and stiffener as shown in Figure 7.

Torque blade nuts or bolts at 50 ft. lbs. (68 Nm) minimum. Check to see that blades clear all parts.

Locate Recycler® Mower discharge cover, rod, three flat washers and two cotter pins. Install rod in front clip on mower deck (Fig. 8).

Position Recycler® Mower discharge cover on deck; make sure bottom edge of cover is locked inside mower deck. Slide rod through cover, one washer and rear clip on deck. Secure rod with two washers and two cotter pins.

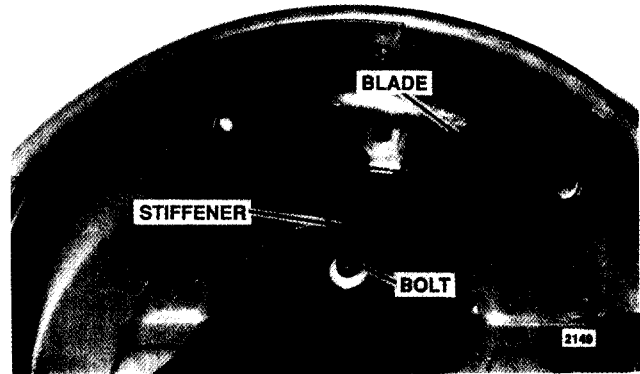


FIG. 7 Install Blade and Stiffener

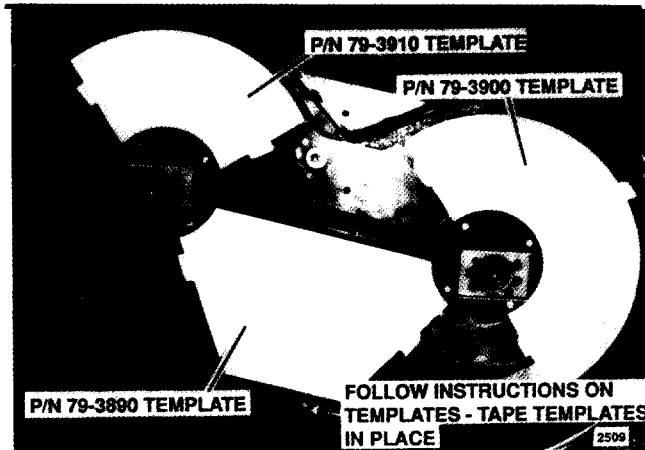


FIG. 5 Kicker Templates Located on Mower Deck

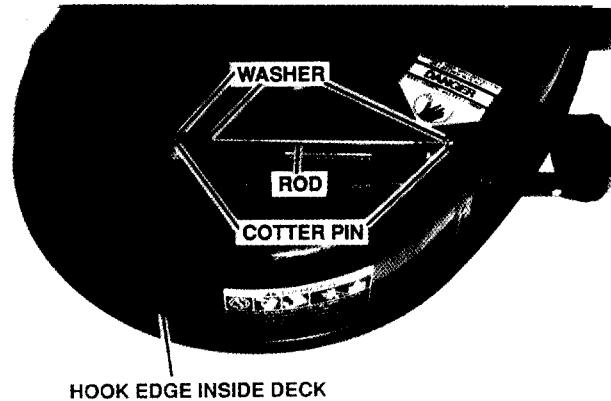


FIG. 8 Recycler® Mower Discharge Cover

Remove old DANGER decal and install new DANGER decal locating holes over heads of kicker screws. Install Recycler® Mower decal on left side of mower deck (Fig. 9).

Reinstall mower as outlined in mower operator's manual.

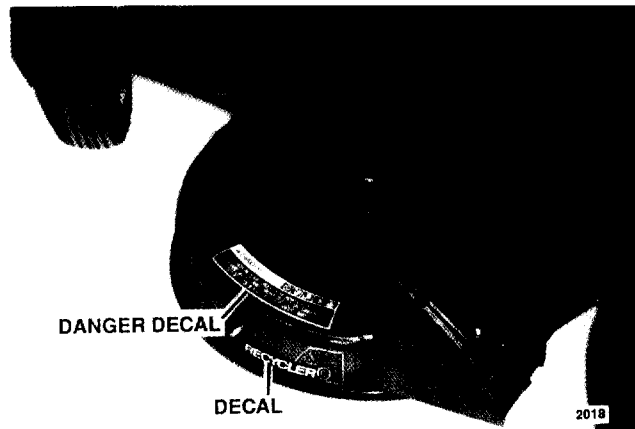


FIG. 9 Install Decal



Consumer Products

# THE TORO TOTAL COVERAGE GUARANTEE

## A Full Two-Year Warranty (Limited Warranty for Commercial Use)

### What Is Covered By This Express Warranty?

The Toro Company promises to repair any TORO Product used for residential purposes if defective in materials or workmanship for a period of two years from the date of purchase. The cost of parts and labor are included, but the customer pays the transportation costs.

Transportation within a 15 mile radius of the servicing dealer is covered under this warranty for two-stage snowthrowers, walk behind debris equipment and all TORO Wheel Horse riding products. Walk power mowers, single stage snowthrowers, and other products not specifically covered, are excluded from the transportation coverage provided by this warranty.

### What Products Are Covered By This Warranty?

This warranty applies to all gasoline powered Consumer Products (including TORO Wheel Horse riding products). ProLine riding products, wide area walk behind mowers and 21" Commercial mowers without blade stop controls are covered by separate warranty statements.

### How About Commercial Use?

TORO Consumer Products used for commercial, institutional or rental use are covered by a limited warranty for the following time periods from the date of purchase:

Products	Warranty Period
• Garden Tractors	
Chassis . . . . .	1 year limited warranty
Engine . . . . .	2 year limited warranty
• 21" Commercial Duty Walk Mower with blade stop controls . . . . .	1 year limited warranty
• Lawn Tractors, Yard Tractors, Rear Engine Riders, 3.0 and 3.5 HP Edgers, Straight Shaft Trimmers, and Backpack Blowers . . . . .	90 day limited warranty
• All Others . . . . .	45 day limited warranty

### How Do You Get Warranty Service?

Should you feel your TORO product contains a defect in material or workmanship, contact the dealer who sold you the product or any Authorized TORO Service Dealer or TORO Master Service Dealer. The Yellow Pages of your telephone directory is a good reference source. The dealer will either arrange service at his/her dealership or recommend another Authorized Service Dealer who may be more convenient. You may need proof of purchase (copy of registration card, sales receipt, etc.) for warranty validation.

If for any reason you are dissatisfied with the Service Dealer's analysis of the defect in materials or workmanship or if you need a referral to a TORO Service Dealer, please feel free to contact us at the following address:

Toro Customer Service Department  
8111 Lyndale Avenue South  
Bloomington, MN 55420-1196  
612-888-8801

### What Must You Do To Keep The Warranty In Effect?

You must maintain your TORO Product by following the maintenance procedures described in the operator's manual. Such routine maintenance, whether performed by a dealer or by you, is at your expense.

### What Does This Warranty Not Cover?

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### How Does Your State Law Relate To This Warranty?

There is no other express warranty except the TORO Starting Guarantee on GTS Engines. This express warranty does not cover:

- Cost of regular maintenance service or parts, such as filters, fuel, lubricants, tune-up parts, blade sharpening, brake and clutch adjustments.
- Any product or part which has been altered or misused or required replacement or repair due to normal wear, accidents, or lack of proper maintenance.
- Repairs necessary due to improper fuel, contaminants in the fuel system, or failure to properly prepare the fuel system prior to any period of non-use over three months.
- Pickup and delivery charges for distances beyond a 15 mile radius from an Authorized TORO Service Dealer (covered products only).

All repairs covered by this warranty must be performed by an Authorized TORO Service Dealer using Toro approved replacement parts.

Repair by an Authorized TORO Service Dealer is your sole remedy under this warranty.

The Toro Company is not liable for indirect, incidental or consequential damages in connection with the use of the TORO Products covered by this warranty, including any cost or expense of providing substitute equipment or service during reasonable periods of malfunction or non-use pending completion of repairs under this warranty. Some states do not allow exclusions of incidental or consequential damages, so the above exclusion may not apply to you.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

### COUNTRIES OTHER THAN THE UNITED STATES OR CANADA

Customers who have purchased TORO products exported from the United States or Canada should contact their TORO Distributor (Dealer) to obtain guarantee policies for your country, province, or state. If for any reason you are dissatisfied with your Distributor's service or have difficulty obtaining guarantee information, contact the TORO importer. If all other remedies fail, you may contact us at The Toro Company.