



MODEL NO. 59185

INSTALLATION INSTRUCTIONS

21" RECYCLER® II MOWER UPDATE KIT

Since this instruction sheet covers only a minimal amount of information necessary to maintain and operate your mower, we suggest that you keep this material with your Operator's Manual so that both may be referred to for instructions concerning safe operation and proper maintenance procedures.



IMPORTANT

Your Recycler® mower has been updated to a Recycler® II mower. Make sure that your dealer is aware of this whenever parts are ordered or servicing is required.



SAFETY DECALS AND INSTRUCTIONS

Safety decals and instructions are easily visible to the operator and are located near any area of potential danger. Replace any decal that is lost or damaged.



CAUTION

THIS MOWER IS EQUIPPED WITH TORO RECYCLER II UPDATE KIT MODEL NO. 59185. CONSULT RECYCLER II UPDATE KIT PARTS LIST WHEN REPLACING ANY PARTS. FAILURE TO USE CORRECT PARTS MAY RESULT IN PERSONAL INJURY. 92 - 3089

ON REAR OF MOWER DECK
(Part No. 92-3089)

KIT CONTENTS

PART NUMBER	PART DESCRIPTION	QUANTITY
91-2255	Accelerator – BBC Models	1
92-1599	Accelerator – Zone Start Models	1
91-2256	Blade – Recycler II	1
92-1660	Kicker – Hand Push Models Only	1
92-1720	Kicker	1
92-1730	Kicker	1
92-1750	Kicker – Self-propelled Models Only	1
92-4061	Plug – Hole	2
32144-111	Screws	6
92-3089	Decal – Caution	1
3315-775	Installation Instruction Sheet	1

PREPARING MOWER FOR INSTALLATION

1. Remove spark plug wire from spark plug.
2. Drain gasoline; refer to the Operator's Manual that was provided with your mower for proper draining instructions.
3. **SELF-PROPELLED MODELS**—Remove screws securing belt cover to mower deck (Fig. 1). Save screws and belt cover for reassembly.

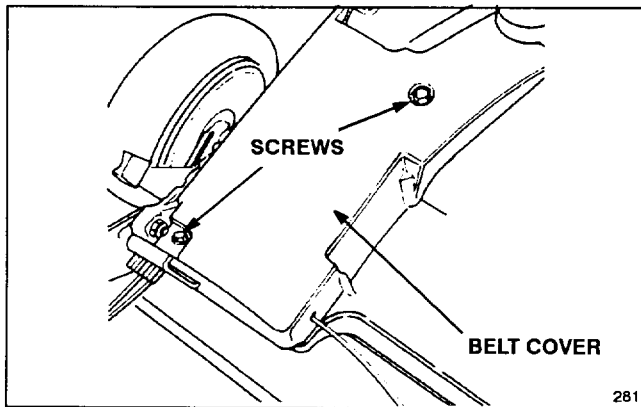


Figure 1

4. Thoroughly clean off top of mower deck.
5. Inspect the deck for cracks, holes or excessive wear. If deck is damaged, do not install kit until deck is replaced.



DANGER

- Grass clippings and other objects can be thrown in operator's or bystander's direction if mower deck has cracks, holes or excessive wear.
- Objects thrown with enough force could cause serious personal injury or death to operator or bystander.
- Do not install Recycler® II Update Kit on a damaged deck. Replace deck.

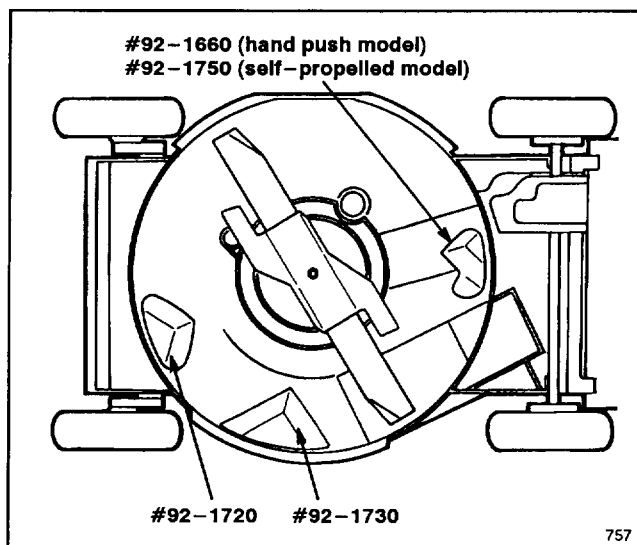
6. Tip mower on side opposite from air cleaner.
7. Remove blade fastener(s), blade stiffener and blade. Discard blade stiffener and blade. Remove blade retainer/spacer and save for reinstallation later.
8. Unscrew kickers from underside of deck. You will need to remember the exact location of each kicker to assist you when installing the new kickers. It may be helpful to lay the old kickers out on the ground in the approximate positions they were in on the mower deck.
9. Discard the old kicker screws.
10. Using a metal scraper and/or wire brush, thoroughly scrape all debris from underside of mower deck, including the drive belt area where the rear

kicker will be installed (self-propelled models only). All debris must be removed to ensure kickers will fit snugly against mower deck.

11. Return mower to upright position.

INSTALL KICKERS AND HOLE PLUGS

Each kicker fits on the deck in only one position. It is important that the kickers be installed in the right positions. Each kicker has a part number molded into it. Match the last two digits of the part number on the new kickers with the last two digits on the old kickers. Then position the new kickers in the same locations as the old kickers (Fig. 2).



Self-propelled Zone Start Model

Figure 2

1. The Recycler® II mower technology requires three kickers, not four. Discard old kicker Part No. 76-2140 (Fig. 3).

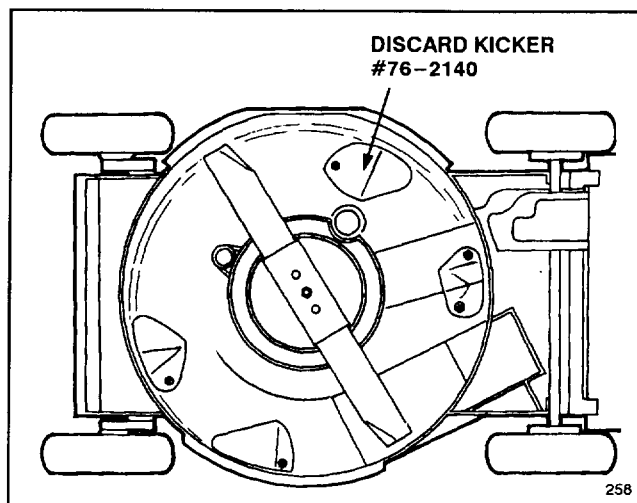


Figure 3

2. Fill the holes in the deck for that kicker with the black plastic plugs provided in the kit (Fig. 4).

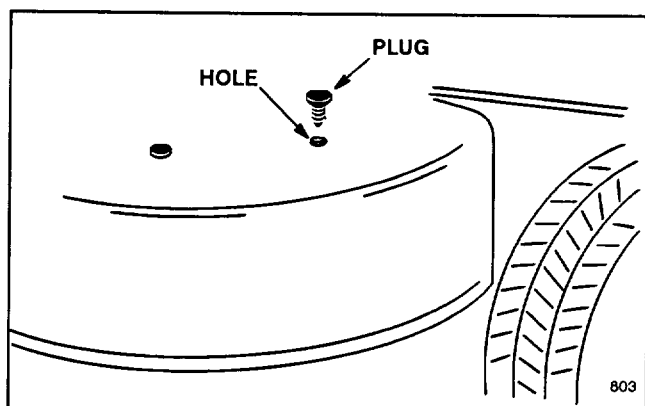


Figure 4

3. Set mower in highest height-of-cut position. Kicker installation should be possible without turning mower on side. If you are having difficulty installing kickers while mower is upright, turn mower on side opposite from air cleaner and install kickers.

4. Position kicker #92-1720 firmly against underside of deck as shown in Figure 5. Align kicker holes with deck holes.

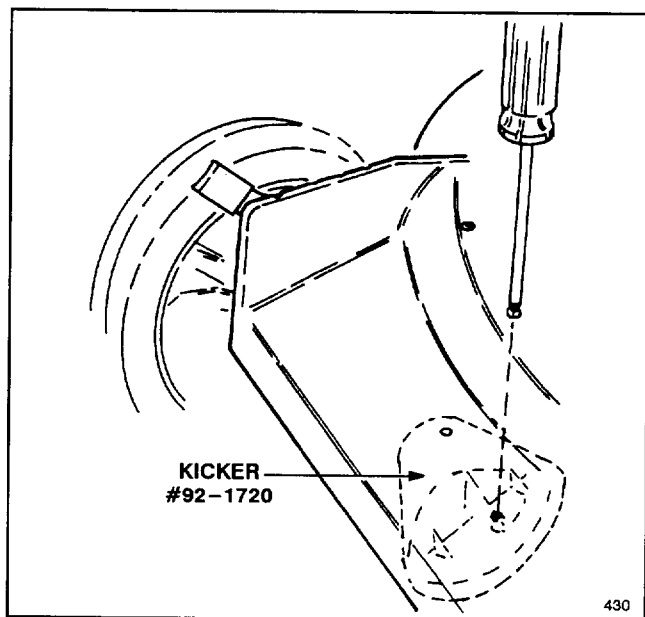


Figure 5

5. Insert first screw through deck and into kicker. Start screw in hole. Line up second hole, insert screw, and tighten securely in place. Tighten first screw securely.

CAUTION: Overtightening screws may cause stripping.

6. Position kicker #92-1730 as shown in Figure 6. Repeat step 5 to secure kicker to deck.

7. **SELF-PROPELLED MODELS ONLY**—Position kicker #92-1750 as shown in Figure 7. Repeat step 5 to secure kicker to deck.
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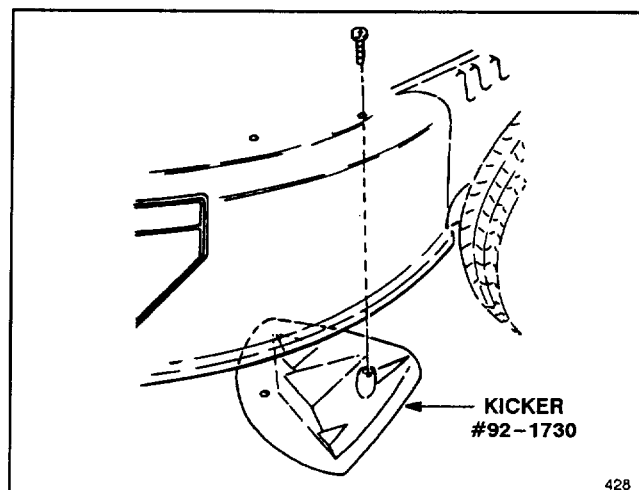


Figure 6

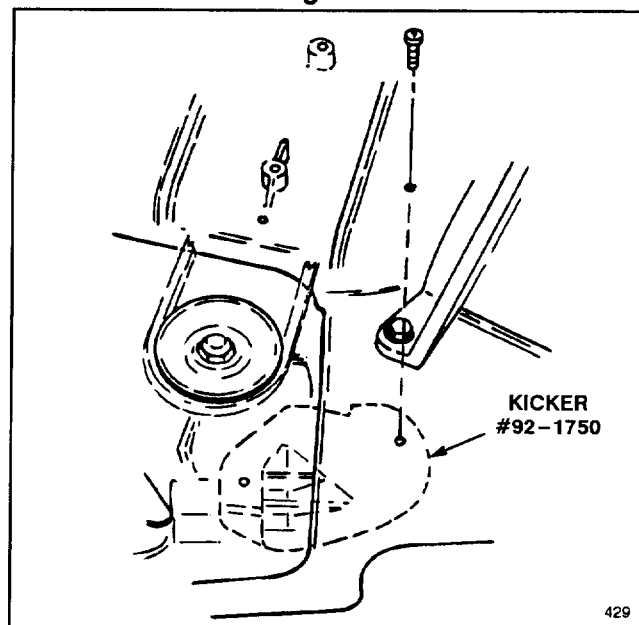


Figure 7

8. **HAND PUSH MODELS ONLY**—Position kicker #92-1660 as shown in Figure 8. Repeat step 5 to secure kicker to deck.

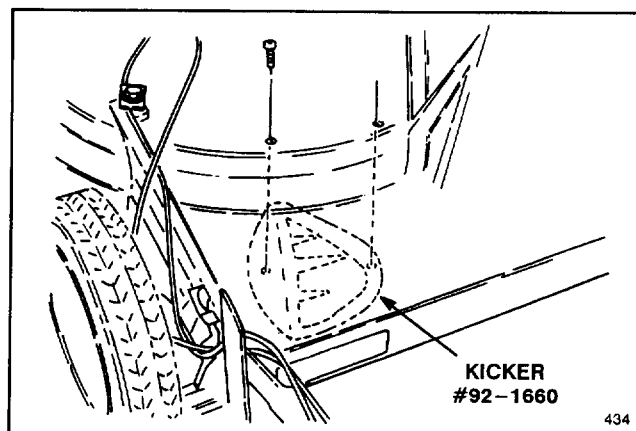


Figure 8

NOTE: Once kickers are installed, they should never be removed, except for replacement.

9. **SELF-PROPELLED MODELS ONLY**—Reinstall belt cover. Secure with fasteners removed previously.

INSTALL DECAL

1. Thoroughly clean flat area of rear of mower deck with a soap and water solution.

Note: Deck must be dry before installing decal.

2. Install new decal Part No. 92-3089 over old Recycler® mower decal Part No. 82-8120 (Fig. 9). **Do not place decal over model/serial number decal.**

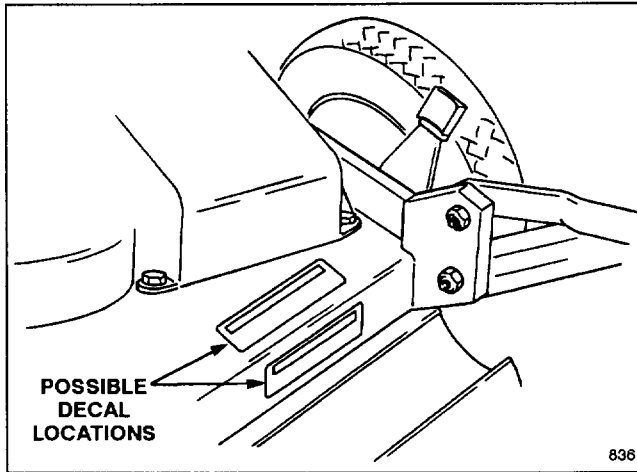


Figure 9

INSTALL NEW BLADE AND ACCELERATOR

1. After all kickers have been installed, turn mower on side opposite from the air cleaner. Inspect the kicker fit to the mower deck. If there are any gaps between kicker mounting surface and mower deck, tighten screws. A slight gap between vertical wall of mower deck and kicker is acceptable (Fig. 10).

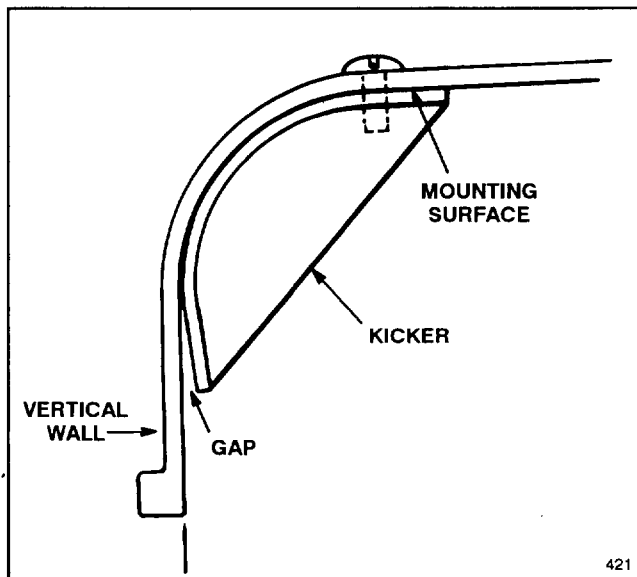
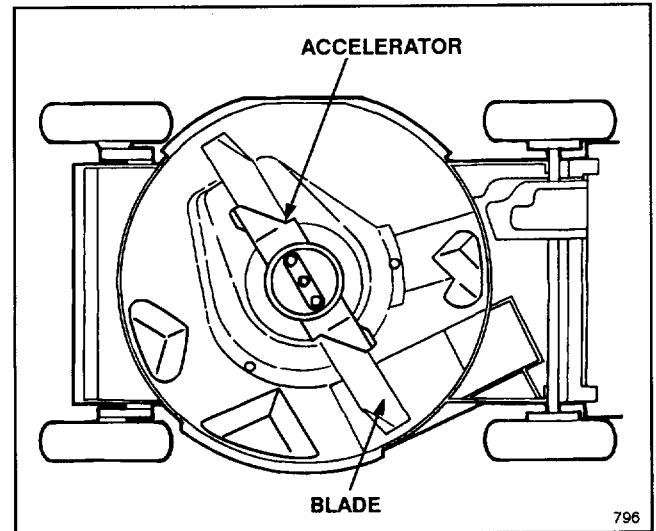


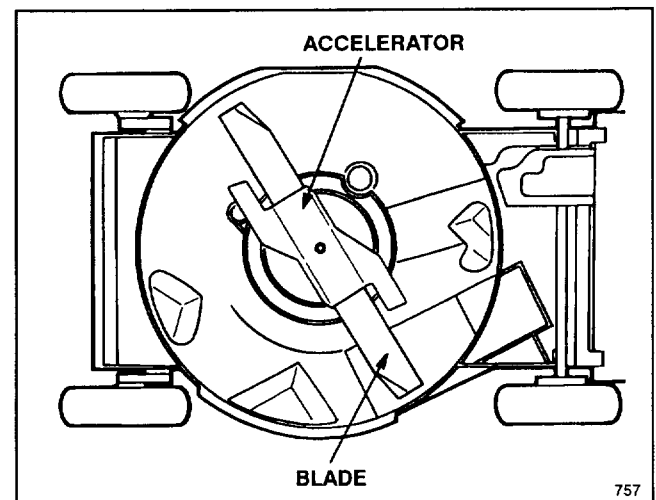
Figure 10

2. Place blade retainer/spacer on mower.

3. Place new blade and accelerator on mower (Fig. 11 & 12). Secure with fasteners removed previously. Tighten blade bolt on a zone start mower to 45-60 ft-lbs. Tighten blade nuts on a BBC mower to 15-27 ft-lbs.



Self-propelled BBC Model
Figure 11



Self-propelled Zone Start Model
Figure 12

4. Using a rag or wearing gloves, rotate blade slowly by hand to ensure blade does not interfere with kickers and deck. If interference occurs, contact Toro Service Dealer.

5. Turn mower right side up.

6. Reconnect spark plug wire to spark plug.

7. Start engine and check mower safety systems to ensure that blade stops in 3 seconds or less.