



48in TURBO FORCE Mower Finishing Kit

Z400 Twin Soft Bagger

Model No. 78511

Form No. 3352-634

Installation Instructions

Setup

Important These instructions are for Z400 machines only.

Note: Determine the left and right sides of the machine from the normal operating position.

Loose Parts

Note: Use the chart below to verify all parts have been shipped.

Step	Description	Qty.	Use
1	No parts needed		Removing the existing mower cover
2	Rear hinge bracket Hex socket screw, 3/8 x 1-1/4 Flange nut, 3/8 inch Bolt, 5/16 x 1 inch Flange nuts, 5/16 inch	1 1 1 2 2	Installing the anti-scalp roller and bracket
3	Mounting plate Hex socket screw, 3/8 x 1-1/4 inch Flange nuts, 3/8 inch	1 2 2	Installing the mounting plate
4	Pulley assembly	1	Installing the pulley assembly
5	Belt cover Belt	1 1	Installing the belt cover and Belt

Before Installation

Prepare the Mower

Perform the following procedure to prepare the mower for attaching the blower and finishing kit.

1. Disengage the PTO, move the motion control levers to the neutral locked position and set the parking brake.
2. Stop the engine, remove the key, and wait for all moving parts to stop before leaving the operating position.
3. Clean the mower of any debris on the deck or rear of mower to ease installation.

Installation

Step

1

No Parts needed for this step.

Removing the Existing Belt Cover

Note: Clean the area around the belt cover before removing.

1. Unlatch and remove the right belt cover (Fig. 1).
2. Store the right belt cover for later use. If the bagger blower and pulley is removed it can be reused.

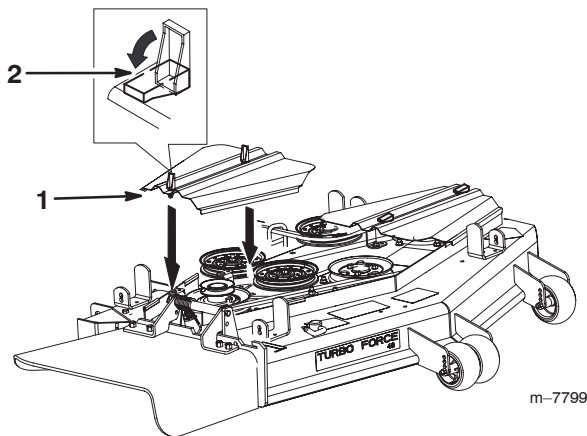


Figure 1

1. Belt cover

2. Latch

Step

2

Parts needed for this step:

- 1 Rear hinge bracket
- 1 Hex socket screw, 3/8 x 1-1/4 inch
- Flange nut, 3/8 inch
- 2 Bolts, 5/16 x 1 inch
- 2 Flange nuts, 5/16 inch

Installing the New Bracket and Anti-Scalp Roller

1. Install the rear hinge bracket using 2 bolts (5/16 x 1 inch) and 2 flange nuts (5/16 inch) (Fig. 2). Do not tighten at this time.
2. Install a hex socket screw (3/8 x 1-1/4 inch) into the deck and roller bracket (Fig. 2). Secure the screw with a flange nut (3/8 inch).
3. Tighten all fasteners.

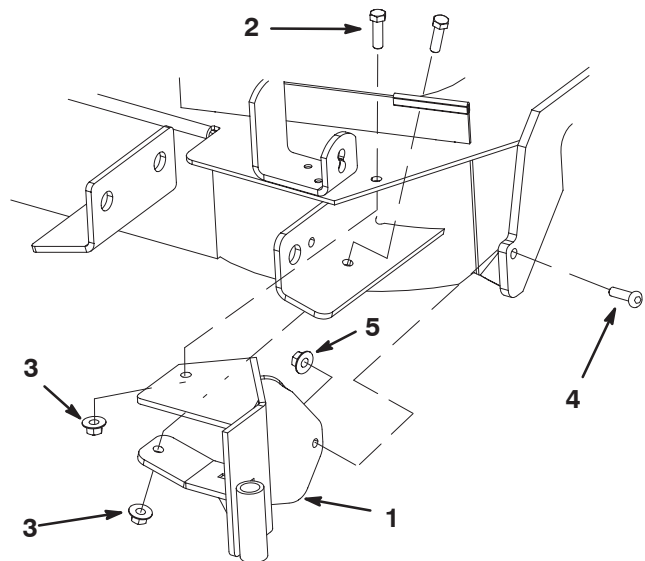


Figure 2

1. Rear hinge bracket
2. Bolt, 5/16 3/8 x 1 inch
3. Flange nut, 5/16 inch

4. Hex socket screw, 3/8 x 1-1/4 inch
5. Flange nut, 3/8 inch

Step**3****Parts needed for this step:**

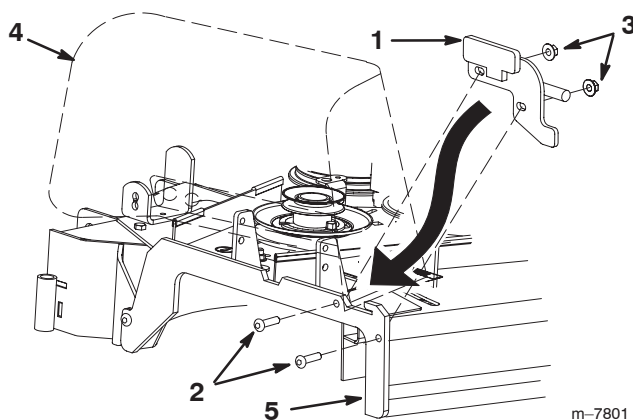
- 1 Mounting plate
- 2 Hex socket head, 3/8 x 1-1/4 inch
- 2 Flange nuts, 3/8 inch

Installing the Mounting Plate

1. Move the grass deflector into the upright position.

Note: When the mower is switched to bagging leave the grass deflector on the machine. The grass deflector will rest against the blower belt cover.

2. Install the mounting plate to the inside of the mower deck mounting bracket with 2 hex socket head (3/8 x 1-1/4 inch) and 2 flange nuts (3/8 inch) as shown in figure 3.

**Figure 3**

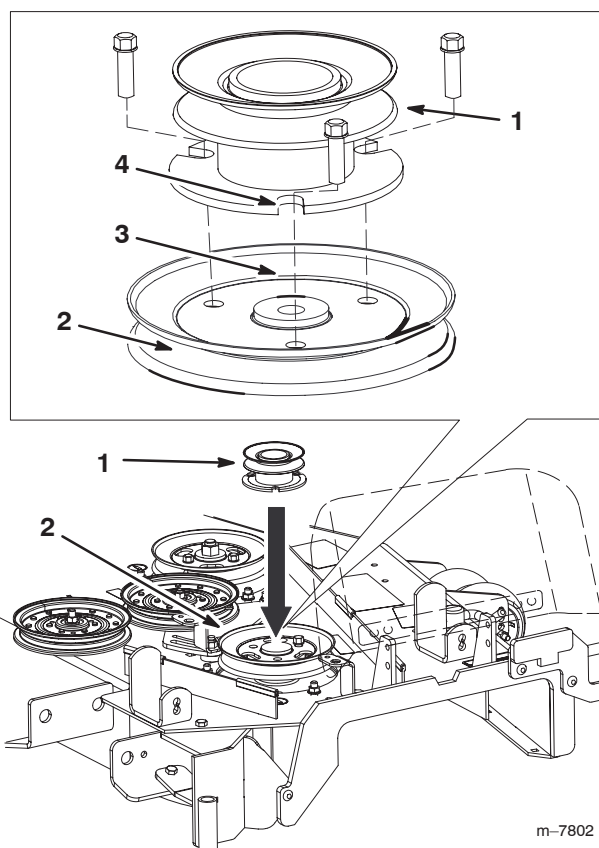
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|--------------------------------------|-------------------------------------|
| 1. Mounting plate | 4. Grass deflector—upright position |
| 2. Hex socket head, 3/8 x 1-1/4 inch | 5. Mower deck mounting bracket |
| 3. Flange nut, 3/8 inch | |

Step**4****Parts needed for this step:**

- 1 Pulley assembly

Installing the Pulley Assembly

1. Remove the existing pulley bolts from the existing mower deck pulley (Fig. 4).

**Figure 4**

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|---------------------------------|-----------------|
| 1. Pulley assembly, bagger belt | 3. Pulley bolts |
| 2. Existing mower deck pulley | 4. Slot opening |

2. Install the new pulley assembly over the mower deck pulley (Fig. 4).
3. Install the previously removed pulley bolts into the new pulley assembly and the mower deck pulley (Fig. 4).

Important Torque the bolts to 23 ft-lb $\pm$ 2 ft-lb (31 N·m $\pm$ 3 N·m). Do not over tighten.

Step 5

Parts needed for this step:

- 1 Belt cover
- 1 Belt

Installing the Belt Cover

1. Install the new belt cover over the pulley assembly and secure the latches (Fig. 5).

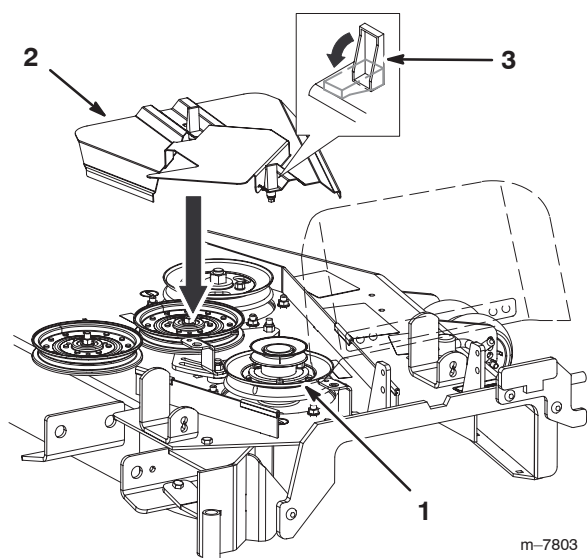


Figure 5

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|--------------------|----------|
| 1. Pulley assembly | 3. Latch |
| 2. Belt cover | |

2. Refer to the Operators Manual for installing the belt.