



# Bagger Adapter Kit

## 2002 Z100 DFS Bagger to Fit to 2003 and Later Z100 Z Masters

Part No. 106-7131

Form No. 3328-954

### Installation Instructions

This kit is for installing 2002 Z100 DFS Baggers onto **2003** and Later Z100 Z Masters with a serial number of **230005001** and up.

**Note:** Models 74176 and 74176TE do not use this kit.

## Loose Parts

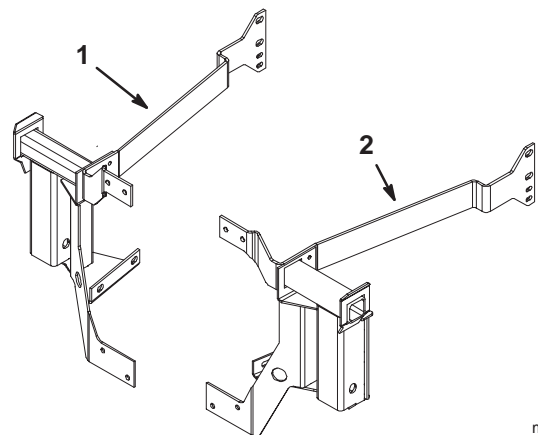
**Note:** Use the chart below to verify all parts have been shipped.

Step	Description	Qty.	Use
<b>1</b>	No parts needed.		Drilling hole in the engine strap
<b>2</b>	Temporarily use parts from Step 3.		Drilling holes in the bumper
<b>3</b>	Bolt, 5/16 x 1 inch Flange nut, 5/16 inch Flat washer, 5/16 inch	16 16 16	Installing the bagger mounting assembly

## Before Installation

### Discard the Left and Right Mounting Brackets

Do not use the left and right mounting brackets shown in Figure 1.



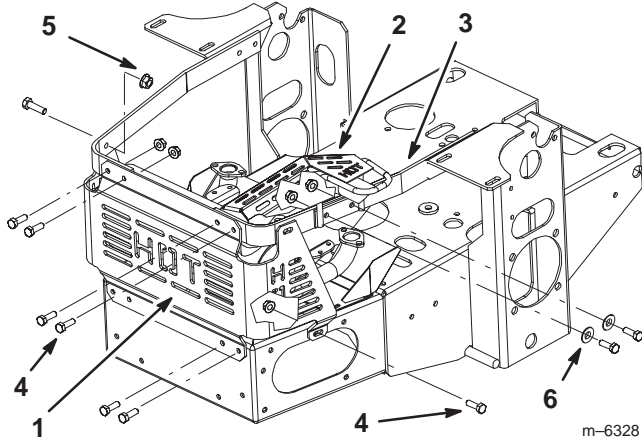
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**Figure 1**

1. Left mounting bracket      2. Right mounting bracket

# Removing the Heat Shields

1. Remove the rear heat shield from the back of the machine (Fig. 2).
2. Remove the muffler heat shield from the right engine strap and above the muffler tailpipe (Fig. 2). Save one bolt, flat washer and nut.



**Figure 2**

- |                        |                |
|------------------------|----------------|
| 1. Rear heat shield    | 4. Bolts       |
| 2. Muffler heat shield | 5. Nuts        |
| 3. Right engine strap  | 6. Flat washer |

## Step

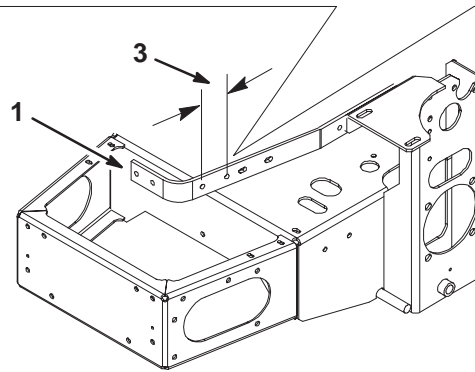
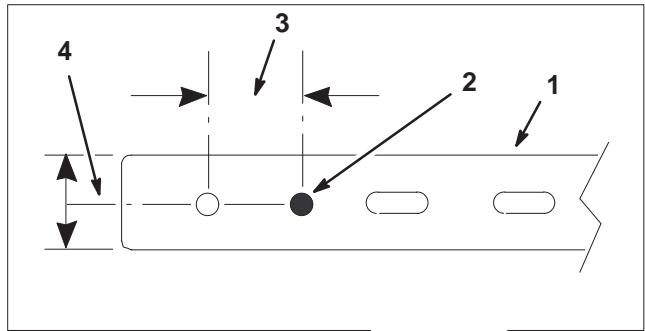
# 1

No Parts needed for this step.

## Drilling a Hole in the Engine Strap

Check for an exiting hole in the engine strap (Fig. 3). Perform the following procedures if one **does not** exist.

1. Place a mark, on the right engine strap, 2 inches (51 mm) in front of the hole shown in Figure 3. Center the mark between the top and bottom edges of the engine strap.
2. At the mark, center punch and drill a 11/32 inch hole into the engine strap (Fig. 3).



**Figure 3**

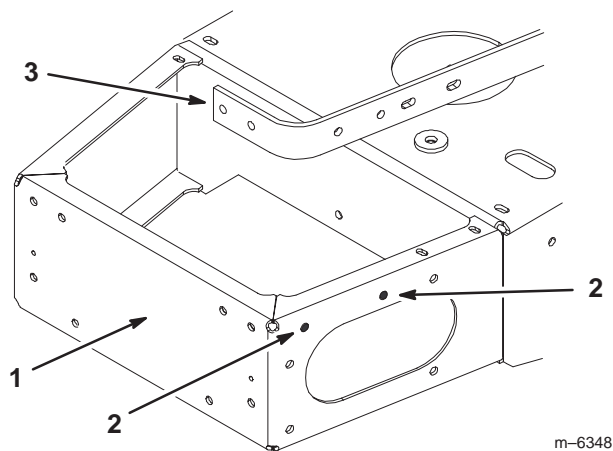
- |                       |                     |
|-----------------------|---------------------|
| 1. Right engine strap | 3. 2 inches (51 mm) |
| 2. Hole to drill      | 4. Center line      |

**Step**  
**2**

Temporarily use parts from Step 3.

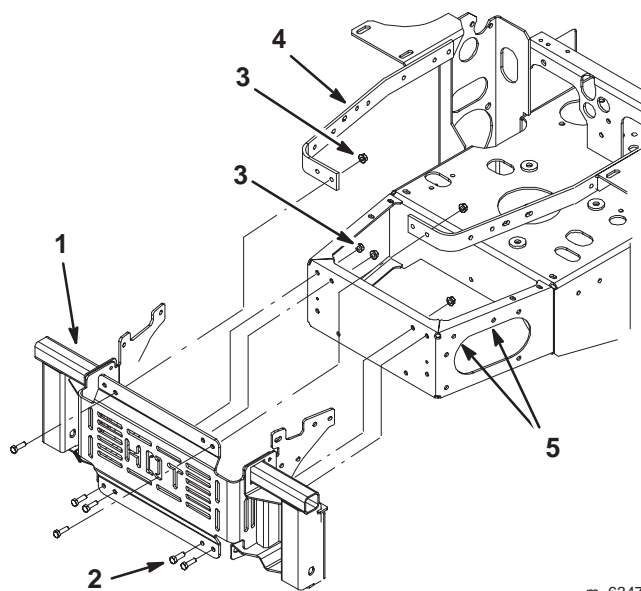
## Drilling Holes in the Bumper

Check for existing holes in the side of the bumper (Fig. 4). Perform the following procedures if holes **do not** exist.



**Figure 4**

- 1. Bumper
- 2. Hole to drill, 11/32 inch
- 3. Engine strap



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**Figure 5**

- 1. Bagger mounting assembly
- 2. Bolt, 5/16 x 1 inch
- 3. Flange nut, 5/16 inch
- 4. Engine strap
- 5. Hole to drill

3. Using the bagger mounting assembly as a template, install the bagger mounting assembly to the engine straps with 2 bolts (5/16 x 1 in.) and 2 flange nuts (5/16 in.) (Fig. 5).
4. Install the bagger mounting assembly to the back of the bumper with 4 bolts (5/16 x 1 in.) and 4 flange nuts (5/16 in.) (Fig. 5).
5. Mark and center punch the 2 hole locations on both sides of the bumper (Fig. 4).
6. Remove the bagger mounting assembly (Fig. 5).
7. Drill 4 pilot holes, 1/8 in. diameter, at the marked locations. (Fig. 5).
8. Drill 4 holes, 13/32 in. diameter, through the 1/8 in. pilot holes. (Fig. 5).

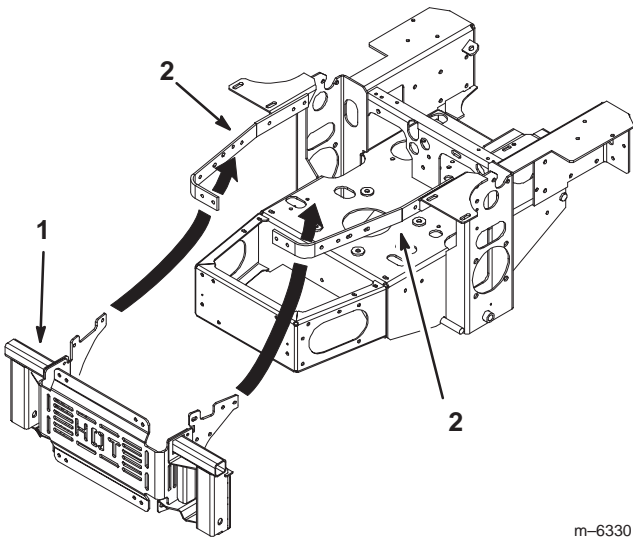
**Step**  
**3**

**Parts needed for this step:**

- 16 Bolts, 5/16 x 5/8 inch
- 16 Flange nuts, 5/16 inch
- 16 Flat washers, 5/16 inch

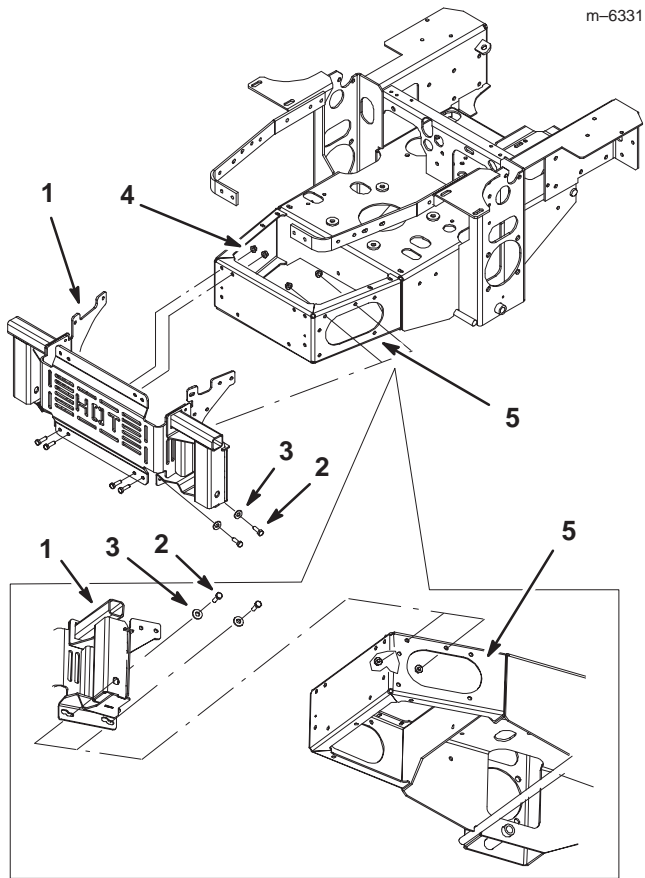
**Installing the Bagger Mounting Assembly**

1. Place the bagger mounting assembly up between the two engine straps (Fig. 6).



**Figure 6**

1. Bagger mounting assembly
2. Engine strap

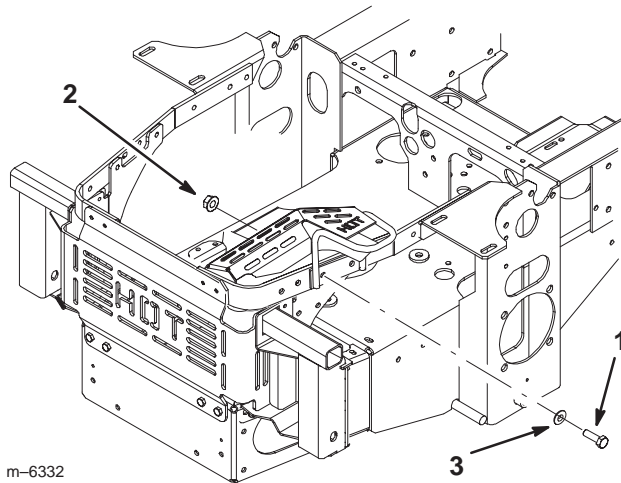


**Figure 7**

1. Bagger mounting assembly
2. Bolt, 5/16 x 1 inch
3. Flat washer, 5/16 inch
4. Flange nut, 5/16 inch
5. Bumper

2. Install the bottom part of the bagger mounting assembly to the bumper with 8 bolts (5/16 x 1 inch), 8 flat washers (5/16 inch) and 8 flange nuts (5/16 inch) (Fig. 7).

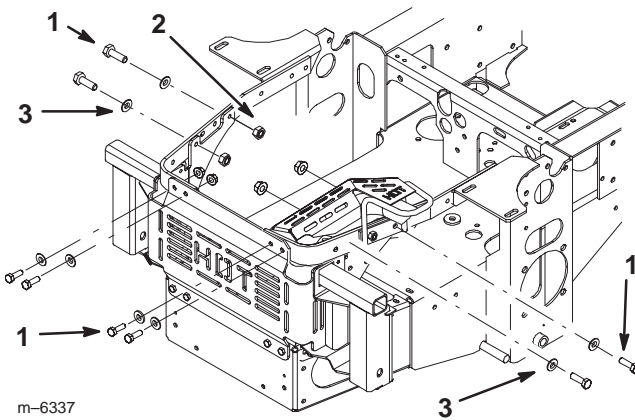
3. Install the muffler heat shield to the right engine strap with one existing bolt, flat washer and flange nut (Fig. 8).



**Figure 8**

1. Existing bolt
2. Existing nut
3. Existing flat washer

4. Install the top part of the bagger mounting assembly to the engine straps and muffler heat shield with 8 bolts (5/16 x 1 inch), 8 flat washers (5/16 inch) and 8 flange nuts (5/16 inch) (Fig. 9).



**Figure 9**

1. Bolt, 5/16 x 1 inch
2. Nut, 5/16 inch
3. Flat washer, 5/16 inch

5. Install the remaining parts of the bagger using the instructions included with it.





