Form No. 3369-849 Rev A

Damper Kit

Cutting Units for Groundsmaster 4500-D and 4700-D Traction Units

Model No. 119-2048

Model No. 119-2049

Installation Instructions

Loose Parts

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

Procedure	Description	Qty.	Use
1	No parts required	–	Drill the holes in the carrier frames for the damper brackets.
2	No parts required	–	Number the decks on the machine.
3	Damper	3	Install the dampers on odd-numbered decks.
	Rear damper bracket (119-2046-03)	3	
	Front damper bracket (119-2044-03)	3	
	Spacer	6	
	Carriage bolt (3/8 x 2-3/4 inches)	6	
	Hex-head bolt (5/16 x 1-5/8 inches)	6	
	Hex-head-flange bolt (5/16 x 2-1/2 inches)	6	
	Flange nut (3/8 inch)	6	
	Flange nut (5/16 inch)	6	
4	Damper	2	Install the dampers on even-numbered decks.
	Front damper bracket (119-2045-03)	2	
	Rear damper bracket (119-2046-03)	2	
	Spacer	4	
	Carriage bolt (3/8 x 2-3/4 inches)	4	
	Hex-head-flange bolt (3/8 x 2-1/2 inches)	4	
	Hex-head bolt (5/16 x 1-5/8 inches)	4	
	Flange nut (3/8 inch)	4	
	Flange nut (5/16 inch)	4	

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1

Drilling the Holes in the Carrier Frames for the Damper Brackets

No Parts Required

Procedure

Drill 4 holes in each of the carrier frames at the locations shown in Figure 1.

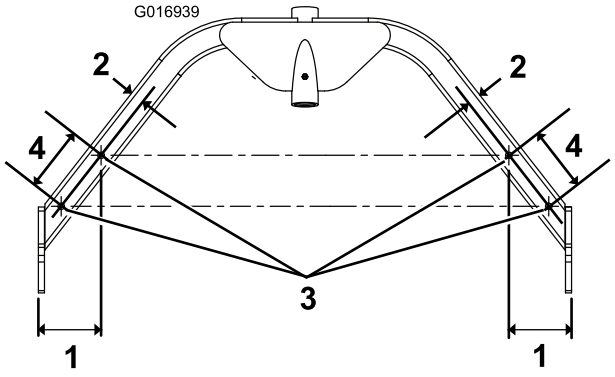


Figure 1

1. 3-7/8 inches (9.8 cm)
2. 7/8 inches (2.2 cm)
3. Drill holes (13/32 inch (1.0 cm) diameter) here.
4. 4 inches (10.2 cm)

2

Identifying the Decks on the Machine

No Parts Required

Procedure

Refer to Figure 2 to determine the odd- and even-numbered decks for the procedures that follow.

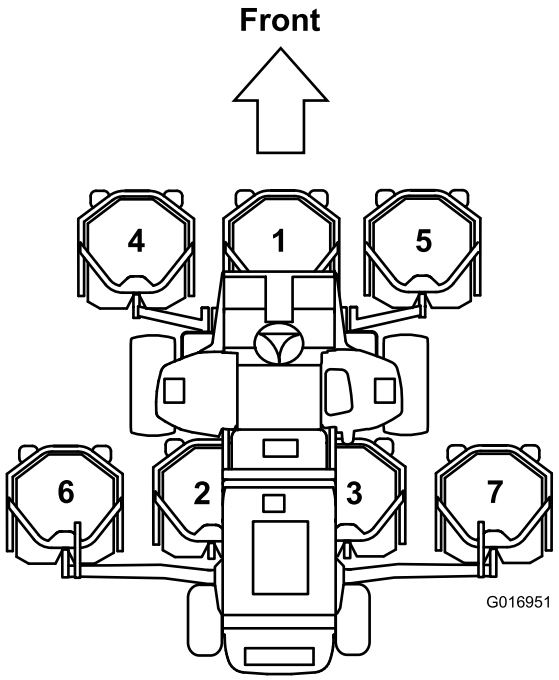


Figure 2
Numbering of the Decks

Note: Decks 6 and 7 are on the Groundsmaster 4700-D only.

3

Installing the Dampers on Odd-numbered Decks

Parts needed for this procedure:

3	Damper
3	Rear damper bracket (119-2046-03)
3	Front damper bracket (119-2044-03)
6	Spacer
6	Carriage bolt (3/8 x 2-3/4 inches)
6	Hex-head bolt (5/16 x 1-5/8 inches)
6	Hex-head-flange bolt (5/16 x 2-1/2 inches)
6	Flange nut (3/8 inch)
6	Flange nut (5/16 inch)

Procedure

Note: Note: Install a damper on the right-hand side of Decks 1, 3, and 5 (and Deck 7 for Groundsmaster 4700-D models).

For each of these decks, do the following:

1. Secure the rear damper mount plate to the deck frame with 2 carriage bolts (3/8 x 2-3/4 inches) and 2 existing bolts as shown in Figure 3.

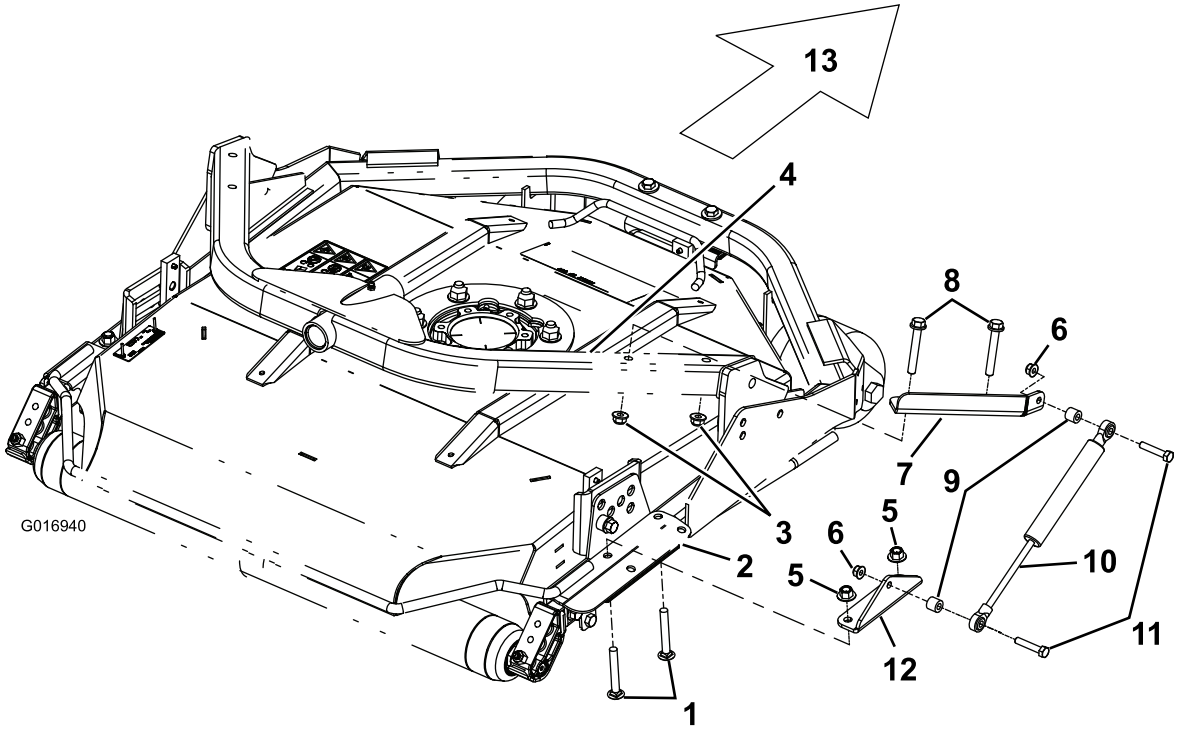


Figure 3
Right-hand side of an odd-numbered deck

1. Carriage bolts (3/8 x 2-3/4 inches)
2. Bumper (on deck frame)
3. Flange nuts (3/8 inch)
4. Carrier frame
5. Existing nut
6. Flange nut (5/16 inch)
7. Front damper bracket
8. Hex-head-flange bolts (3/8 x 2-1/2 inches)
9. Spacers
10. Damper
11. Hex-head bolts (5/16 x 1-5/8 inches)
12. Rear damper bracket
13. Forward direction

Note: Deck 1 has a bumper. Install the damper bracket over the bumper (Figure 3).

2. Secure the front damper bracket to the carrier frame with 2 hex-head-flange bolts (3/8 x 2-1/2 inches) and 2 flange nuts (3/8 inch) (Figure 3).
3. Install the damper to the front and rear damper brackets with 2 spacers, 2 hex-head bolts (5/16 x 1-5/8 inches), and 2 flange nuts (5/16 inch) (Figure 3).

4

Installing the Dampers on Even-numbered Decks

Parts needed for this procedure:

2	Damper
2	Front damper bracket (119-2045-03)
2	Rear damper bracket (119-2046-03)
4	Spacer
4	Carriage bolt (3/8 x 2-3/4 inches)
4	Hex-head-flange bolt (3/8 x 2-1/2 inches)
4	Hex-head bolt (5/16 x 1-5/8 inches)
4	Flange nut (3/8 inch)
4	Flange nut (5/16 inch)

Procedure

Note: Install a damper on the left-hand side of the Decks 2 and 4 (and Deck 6 for Groundsmaster 4700-D models).

For each of these decks, do the following:

1. Secure the rear damper mount plate to the deck frame with 2 carriage bolts (3/8 x 2-3/4 inches) and 2 existing bolts as shown in Figure 4.

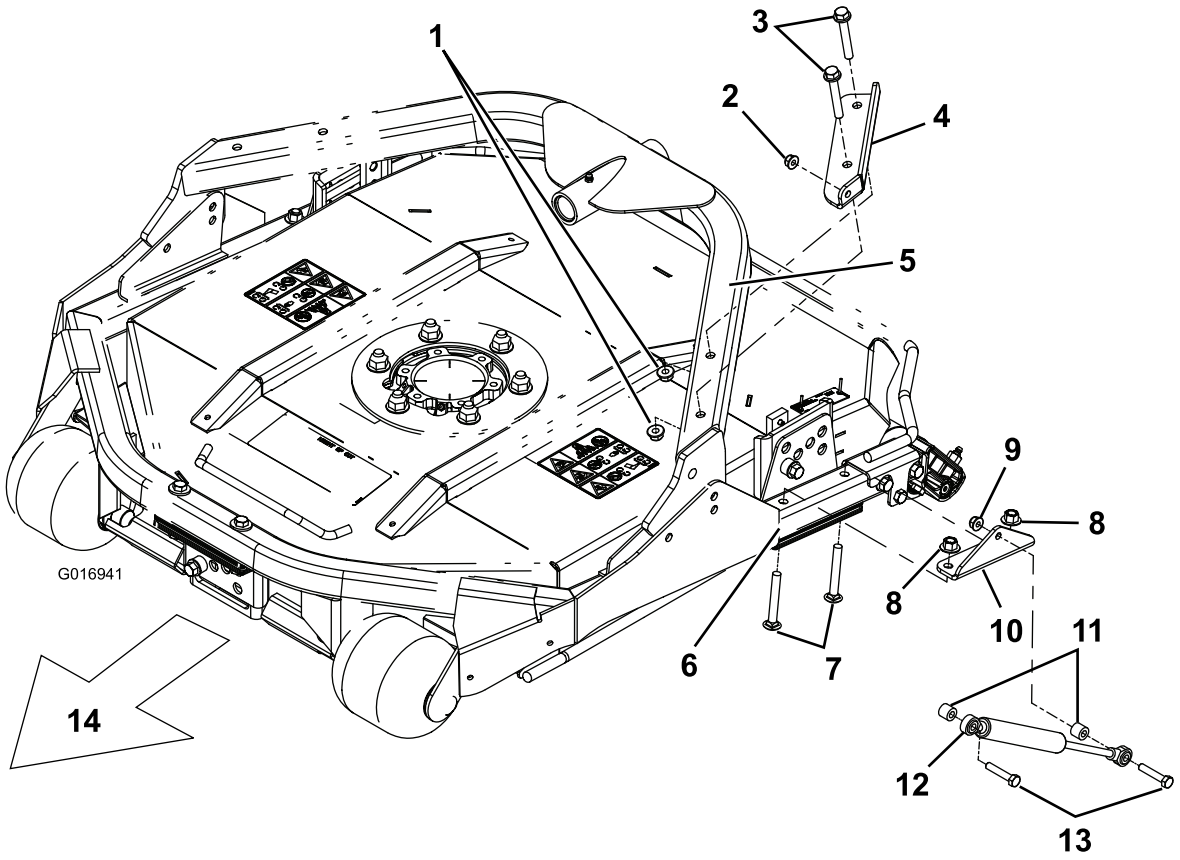


Figure 4
Left-hand side of an even-numbered deck

1. Flange nuts (3/8 inch)
2. Flange nut (5/16 inch)
3. Hex-head-flange bolt (3/8 x 2-1/2 inches)
4. Front damper bracket
5. Carrier frame
6. Deck frame
7. Carriage bolts (3/8 x 2-3/4 inches)
8. Existing nuts
9. Flange nut (5/16 inch)
10. Rear damper bracket
11. Spacers
12. Damper
13. Hex-head bolts (3/8 x 2-1/2 inches)
14. Forward direction

Note: Deck 1 has a bumper. Install the damper bracket over the bumper (Figure 4).

2. Secure) the front damper bracket to the carrier frame with 2 hex-head-flange bolts (3/8 x 2-1/2 inches) and 2 flange nuts (3/8 inch) (Figure 4).
3. Install the damper to the front and rear damper brackets with 2 spacers, 2 hex-head bolts (5/16 x 1-5/8 inches), and 2 flange nuts (5/16 inch) (Figure 4).

Notes:

Notes:



Count on it.