



# Leaf Mulching Kit

## Groundsmaster 5900/5910 Mower

Model No. 31581

Form No. 3361-360 Rev C

### Installation Instructions

## Loose Parts

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

Procedure	Description	Qty.	Use
1	No parts required	–	Prepare the mower.
2	Center baffle Winglet baffle Baffle divider plate Carriage Bolt, 5/16 x 7/8 inch Flange nut, 5/16	1 2 2 16 16	Install the baffles
3	Wing deck baffle Carriage Bolt, 5/16 x 7/8 inch Flange nut, 5/16	1 6 6	Install the baffle
4	Wing deck baffle Baffle divider plate Carriage Bolt, 5/16 x 7/8 inch Flange nut, 5/16	1 2 10 10	Install the baffles

## Media and Additional Parts

Description	Qty.	Use
Installation instructions	1	
Parts catalog	1	

# 1

## Preparing the Mower

### No Parts Required

### Procedure

1. Park the machine on a level surface, set the parking brake and remove the key from the ignition.
2. Thoroughly clean mower decks. All debris must be removed to ensure baffles will fit properly against mower decks.
3. Remove the tension from the front left winglet belt to ease the access to the mounting hardware.
4. Repair all bent or damaged areas of mower decks and replace any missing parts.

**Note:** All holes exist in the mower decks for installing the new baffles.

**Note:** Loosely install the baffles to align them with the existing holes in the mower.

**Note:** Baffles to be installed with the carriage bolt heads positioned inside the mower deck unless otherwise specified.

# 2

## Installing the Center Deck Baffles

### Parts needed for this procedure:

1	Center baffle
2	Winglet baffle
2	Baffle divider plate
16	Carriage Bolt, 5/16 x 7/8 inch
16	Flange nut, 5/16

### Procedure

1. Remove the deflector from the right side of the deck. Retain the deflector and fasteners to reinstall to deck when leaf mulching kit is removed.

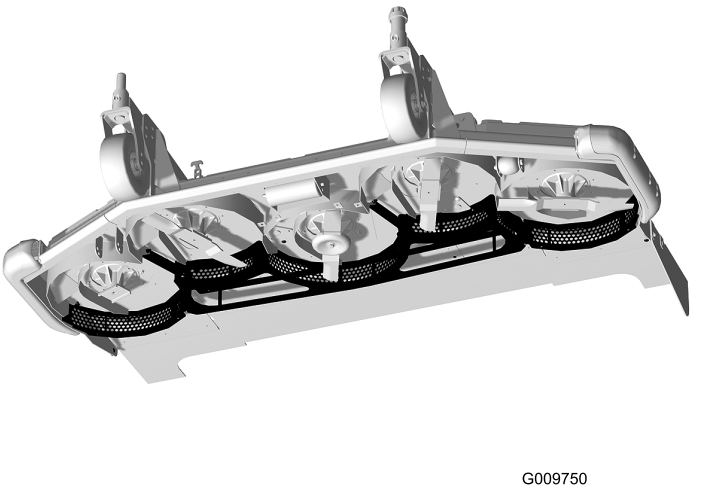
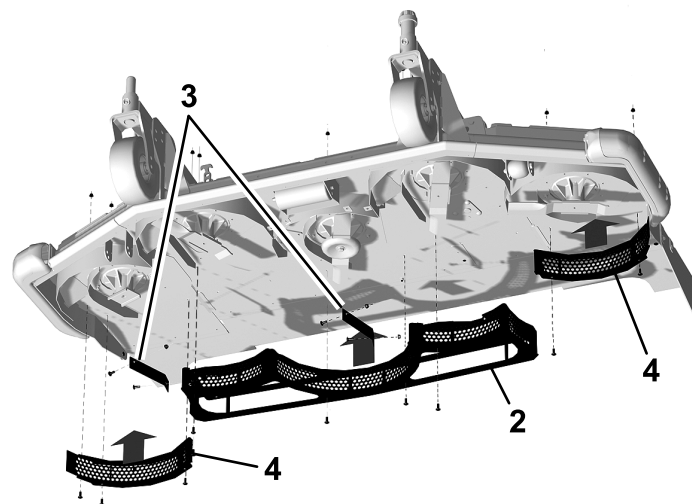
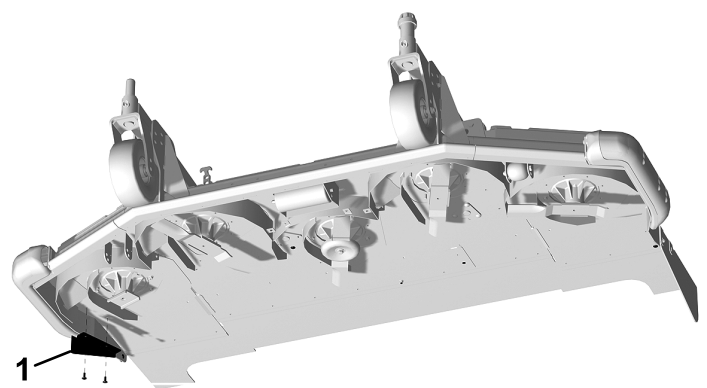
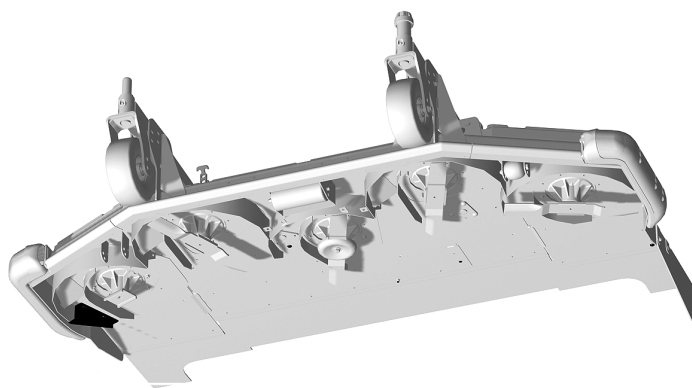
2. Install the center baffle into the mower deck and align it with the mounting holes (Figure 1).
3. Loosely secure the baffle to the mower deck with 8 carriage bolts and nuts (Figure 1).

**Note:** The carriage bolts install through one flange only, not both.

4. Loosely secure the 2 baffle divider plates to the baffle and the mower deck with 4 carriage bolts and flange nuts. Position the baffle divider plates as shown in Figure 1.
5. Loosely secure a winglet baffle to each end of the mower deck with 2 carriage bolts and flange nuts. Position the baffles as shown in Figure 1.

**Note:** The baffles are the same. Holes are on the top and bottom to accommodate installation.

6. Tighten all the fasteners.
7. Rotate the blades, by hand, to verify that the deck baffles or chambers do not interfere with there operation.



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Figure 1

1. Deflector
2. Center deck baffle

3. Baffle divider plate
4. Winglet baffle

# 3

## Installing the Right Wing Deck Baffle

### Parts needed for this procedure:

1	Wing deck baffle
6	Carriage Bolt, 5/16 x 7/8 inch
6	Flange nut, 5/16

### Procedure

1. Remove the deflector from the right side of the deck (Figure 2). Retain the deflector and fasteners to reinstall to deck when leaf mulching kit is removed.

2. Install a wing deck baffle into the mower deck and align it with the mounting holes (Figure 2).
3. Loosely secure the baffle to the mower deck with 6 carriage bolts and nuts as shown in Figure 2.

**Note:** One of the carriage bolts, shown in Figure 2, is to be installed with the head positioned on top of the mower deck. The remaining carriage bolts should be installed with the bolt heads positioned under the mower deck.

**Note:** The carriage bolts install through one flange only, not both.

4. Tighten all the fasteners.
5. Rotate the blades, by hand, to verify that the deck baffles or chambers do not interfere with there operation.

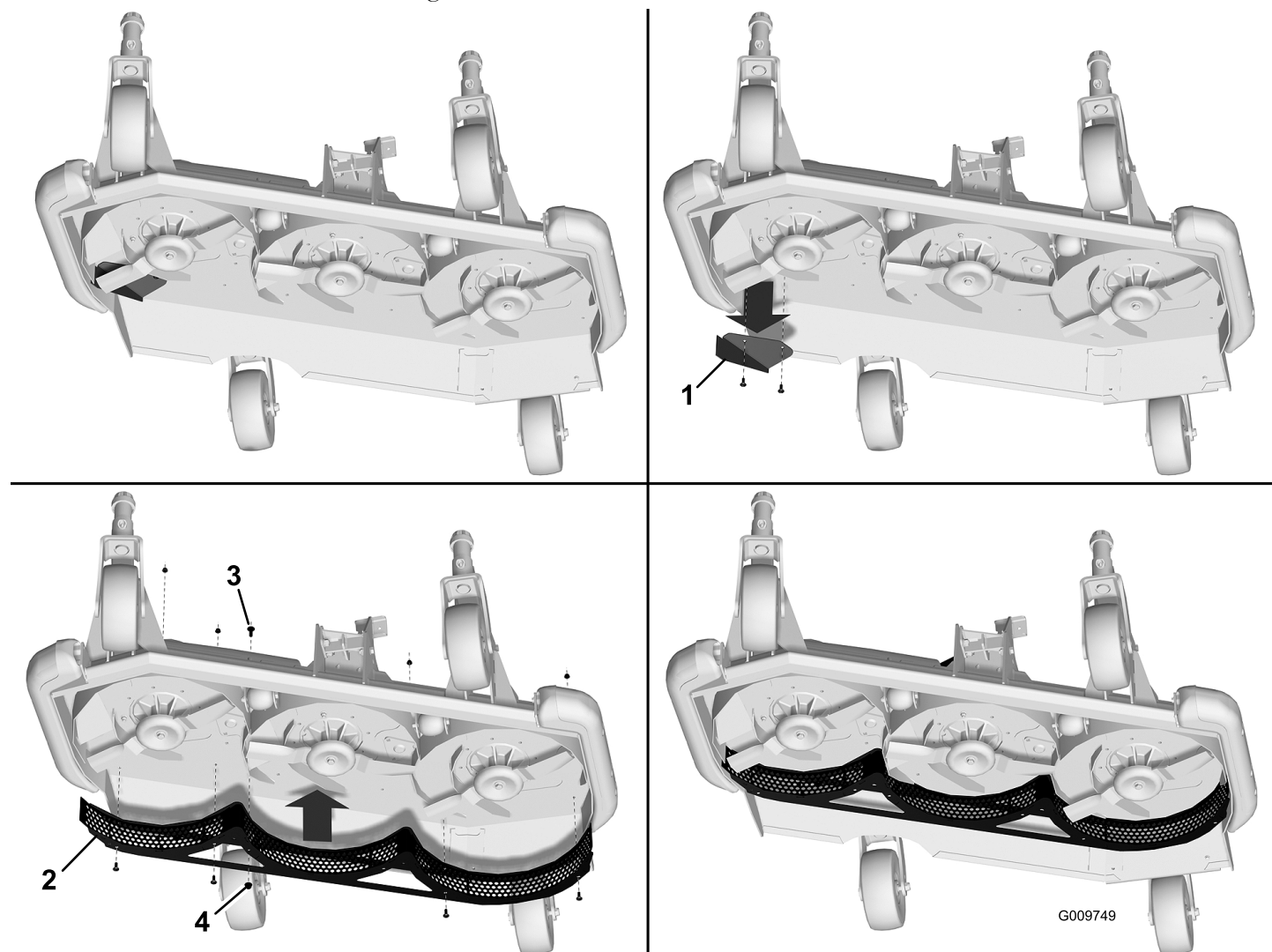


Figure 2

1. Deflector
2. Wing deck baffle

3. Carriage bolt (Bolt head on top of deck)
4. Flange nut

# 4

## Installing the Left Wing Deck Baffle

### Parts needed for this procedure:

1	Wing deck baffle
2	Baffle divider plate
10	Carriage Bolt, 5/16 x 7/8 inch
10	Flange nut, 5/16

### Procedure

1. Install the wing deck baffle into the mower deck and align it with the mounting holes (Figure 3).

2. Loosely secure the baffle to the mower deck with 6 carriage bolts and nuts (Figure 3).

**Note:** The carriage bolts install through one flange only, not both.

3. Loosely secure the 2 baffle divider plates to the baffle and the mower deck with 4 carriage bolts and flange nuts. Position the baffle divider plates as shown in Figure 3.
4. Tighten all the fasteners.
5. Rotate the blades, by hand, to verify that the deck baffles or chambers do not interfere with there operation.

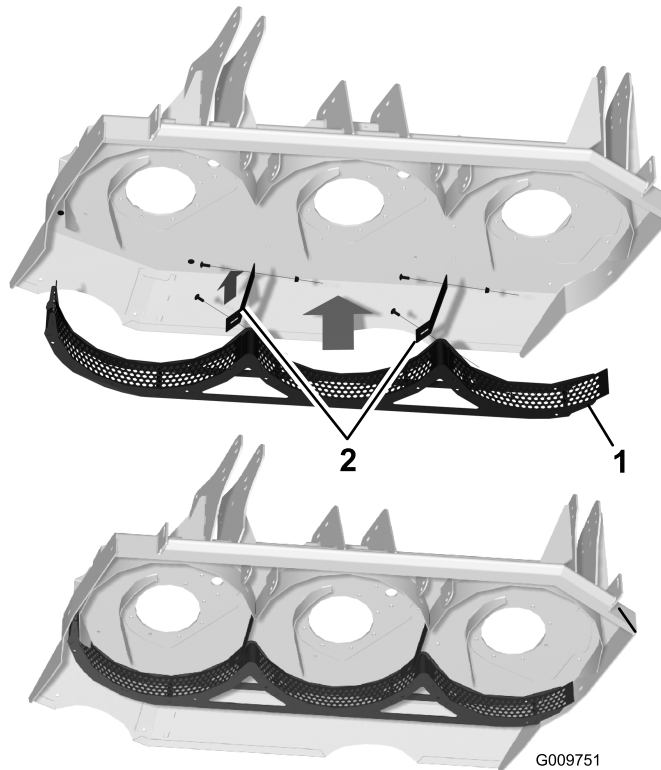


Figure 3

1. Wing deck baffle

2. Baffle divider plate