Form No. 3411-852 Rev C

Operator Golf Ball Guard

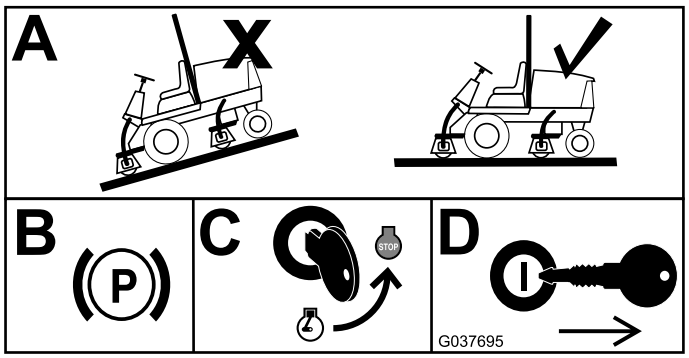
Reelmaster® 3100/3500/5010/7000, Groundsmaster® 3500/4300/4500/4700, and Machines with a Straight Roll Bar

Model No. 03614

Installation Instructions

Preparing the Machine

Park the machine on a level surface, engage the parking brake, shut off the engine, and remove the key from the key switch (Figure 1).



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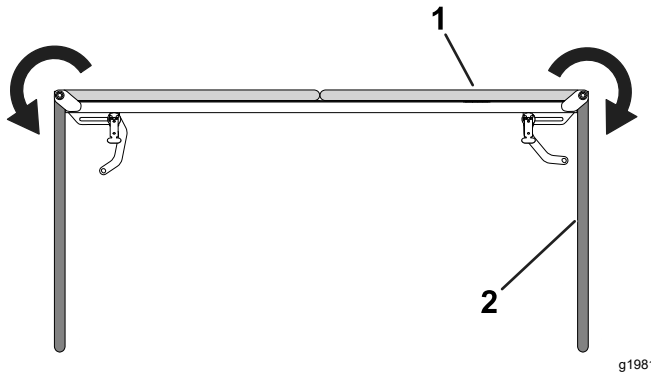
Figure 1

Assembling the Ball Guard

Parts needed for this procedure:

1	Guard assembly
2	Flange nut
2	Shoulder bolt
2	Spacer

1. Swing the guard wings closed to align perpendicular with the rear guard panel.

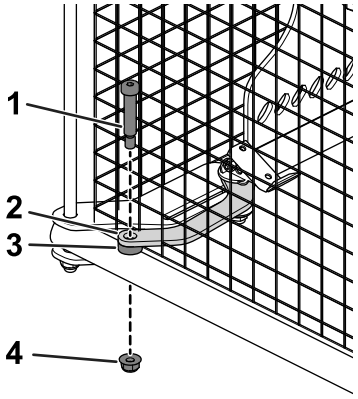


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Figure 2

1. Guard wing—initial position
2. Guard wing—final position

2. Attach each latch-arm with 2 shoulder bolts, 2 spacers, and 2 nuts. Tighten the flange nuts and shoulder bolts.



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Figure 3

1. Shoulder bolt
2. Latch-arm link
3. Spacer
4. Flange nut

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3411-852

Installing the Ball Guard Kit

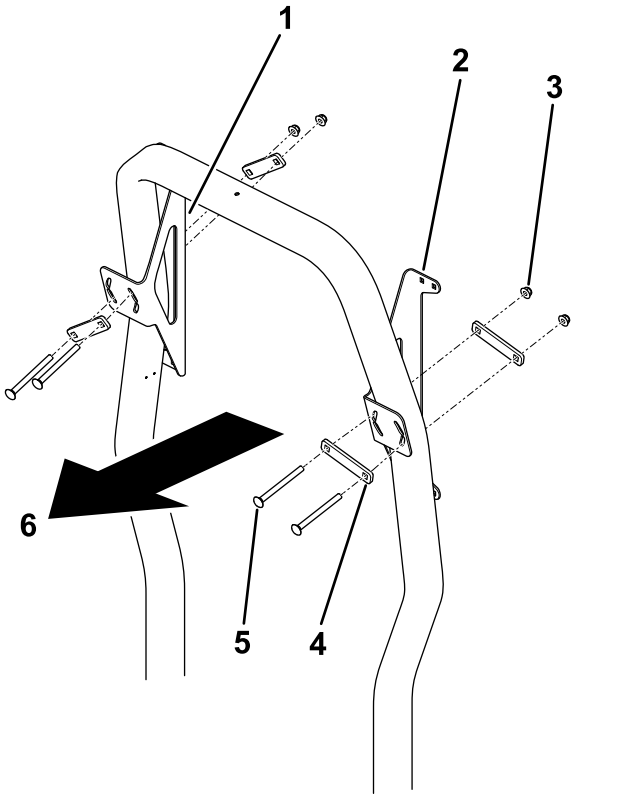
Installing the Guard

Reelmaster 3100/3500 or Groundsmaster 3500

Parts needed for this procedure:

1	Guard assembly
1	Left mounting bracket
1	Right mounting bracket
4	Strap
4	Carriage bolt—3/8 x 3-1/2 inches
12	Flange nut
8	Carriage bolt—3/8 x 7/8 inch

1. Loosely mount the 2 brackets to the roll bar with 4 straps, 4 carriage bolts, and 4 flange nuts.



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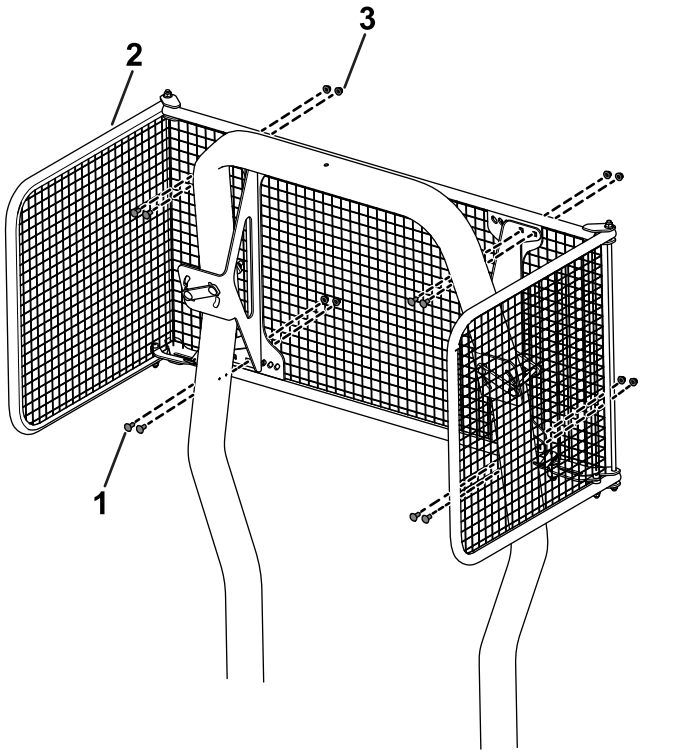
Figure 4

1. Right mounting bracket
2. Left mounting bracket
3. Flange nut (4)
4. Mount strap (4)
5. Carriage bolt—3/8 x 3-1/2 inches (4)
6. Front of the machine

2. Align the ball guard assembly with the brackets and verify there is enough clearance to open the hood without contacting the ball guard. Position the height of the brackets on the roll bar as needed.

3. Make sure the two brackets are at an even height and tighten the flange nuts.

4. Loosely install the ball guard to the brackets with 8 carriage bolts and 8 flange nuts.



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Figure 5

1. Short carriage bolt (8)
2. Guard assembly
3. Flange nut (8)

5. Center the ball guard on the brackets and tighten the 8 flange nuts.

Installing the Guard

Reelmaster 3555/3575

Parts needed for this procedure:

1	Guard assembly
1	Left mounting bracket
1	Right mounting bracket
4	Strap
4	Carriage bolt—3/8 x 4-1/2 inches
12	Flange nut
8	Carriage bolt—3/8 x 7/8 inch

1. Loosely mount the 2 brackets to the roll bar with 4 straps, 4 carriage bolts, and 4 flange nuts.

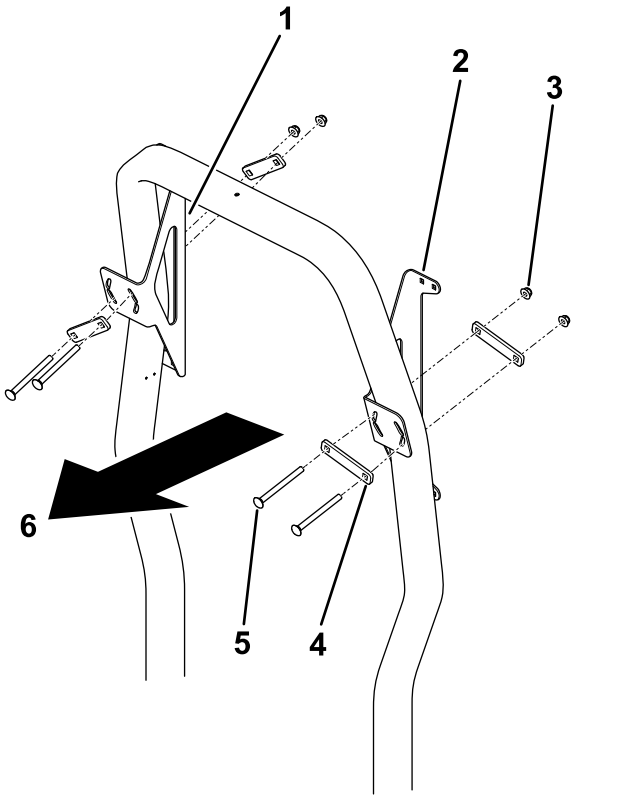


Figure 6

1. Right mounting bracket
2. Left mounting bracket
3. Flange nut (4)
4. Mount strap (4)
5. Carriage bolt—3/8 x 4-1/2 inches (4)
6. Front of the machine

2. Align the ball guard assembly with the brackets and verify there is enough clearance to open the hood without contacting the ball guard. Position the height of the brackets on the roll bar as needed.
3. Make sure the two brackets are at an even height and tighten the flange nuts.
4. Loosely install the ball guard to the brackets with 8 carriage bolts and 8 flange nuts.

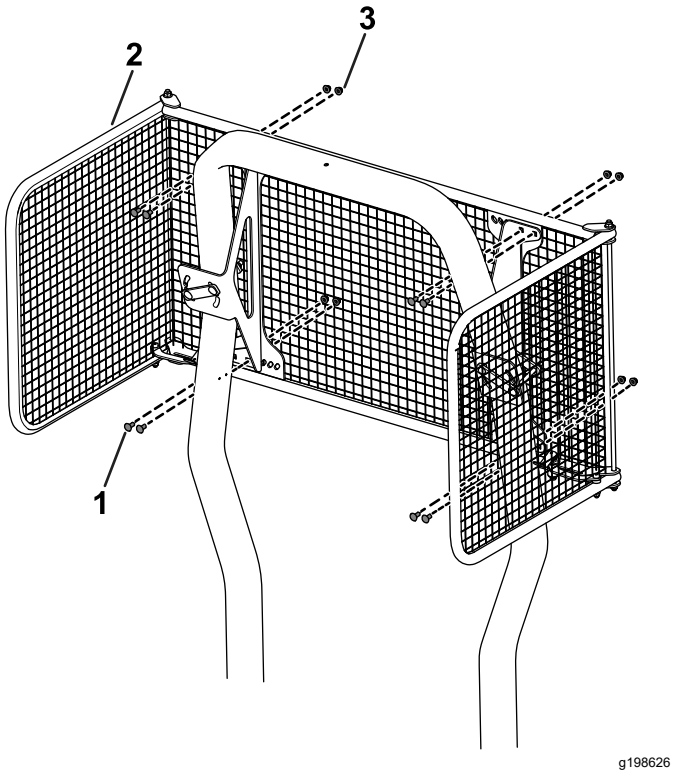


Figure 7

1. Short carriage bolt (8)
2. Guard assembly
3. Flange nut (8)

5. Center the ball guard on the brackets and tighten the 8 flange nuts.

Installing the Guard

Reelmaster 5010 or Groundsmaster 4300-D

Parts needed for this procedure:

1	Guard assembly
1	Left mounting bracket
1	Right mounting bracket
4	Strap
4	Carriage bolt—3/8 x 4-1/2 inches
12	Flange nut
8	Carriage bolt—3/8 x 7/8 inch

1. Loosely mount the 2 brackets to the roll bar with 4 straps, 4 carriage bolts, and 4 flange nuts.

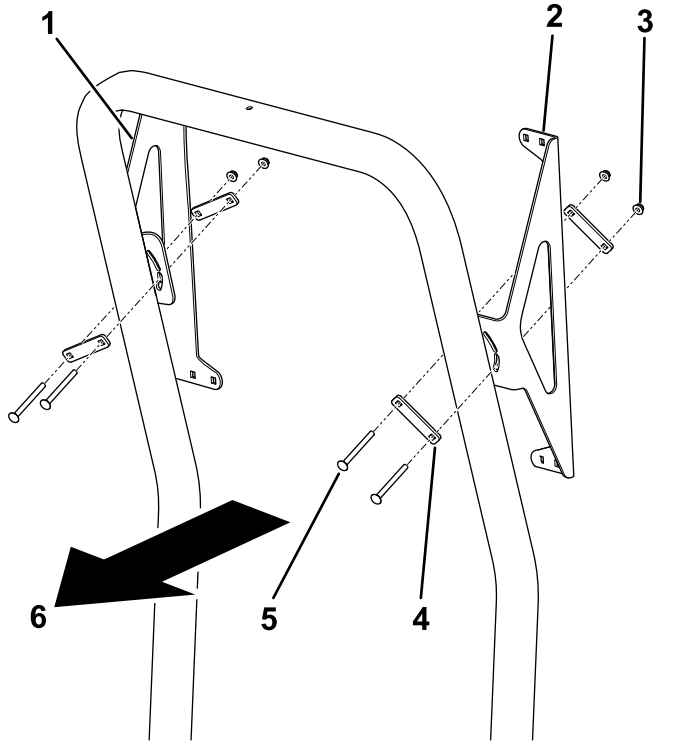


Figure 8

1. Right mounting bracket
2. Left mounting bracket
3. Flange nut (4)
4. Mount strap (4)
5. Carriage bolt—3/8 x 4-1/2 inches (4)
6. Front of the machine

2. Align the ball guard assembly with the brackets and verify there is enough clearance to open the hood without contacting the ball guard. Position the height of the brackets on the roll bar as needed.
3. Make sure the two brackets are at an even height and tighten the flange nuts.
4. Loosely install the ball guard to the brackets with 8 carriage bolts and 8 flange nuts.

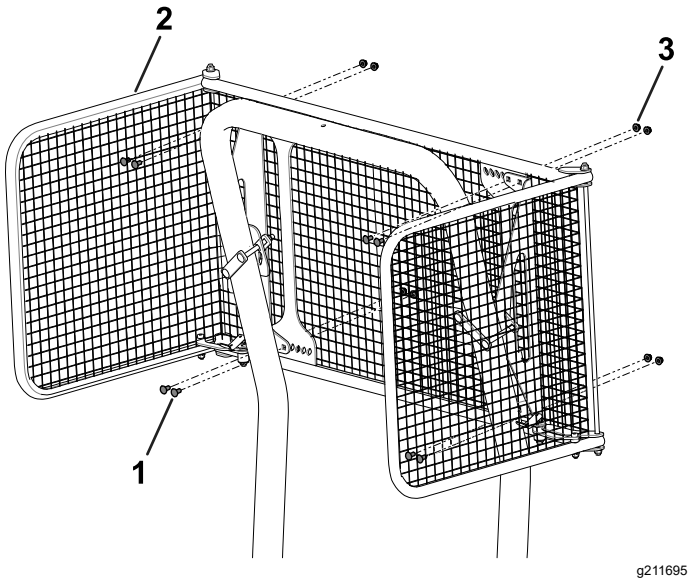


Figure 9

1. Short carriage bolt (8)
2. Guard assembly
3. Flange nut (8)

5. Center the ball guard on the brackets and tighten the 8 flange nuts.

Installing the Guard

Reelmaster 7000 or Groundsmaster 4500/4700

Required Kit Parts

Kit Description	Toro Part No.	Quantity
Adapter-ball guard	137-1392	1

Note: Do not use the hardware provided with the adapter kit.

Parts needed for this procedure:

1	Guard assembly
1	Left mounting bracket
1	Right mounting bracket
4	Strap
4	Carriage bolt—3/8 x 3-1/2 inches
12	Flange nut
8	Carriage bolt—3/8 x 7/8 inch

1. Loosely mount the 2 brackets to the roll bar with 4 straps, 4 carriage bolts, and 4 flange nuts.

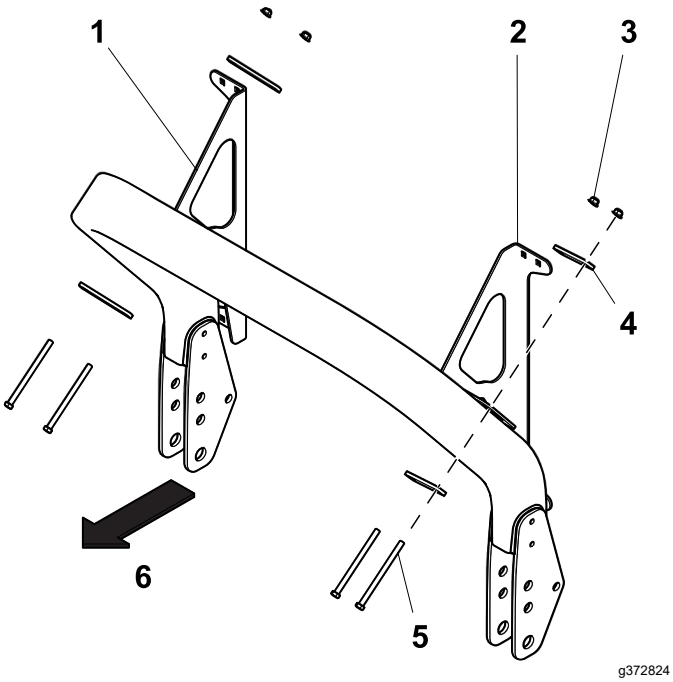


Figure 10

1. Right mounting bracket
2. Left mounting bracket
3. Flange nut (4)
4. Mount strap (4)
5. Carriage bolt—3/8 x 3-1/2 inches (4)
6. Front of the machine

2. Align the ball guard assembly with the brackets and verify there is enough clearance to open the hood without contacting the ball guard. Position the height of the brackets on the roll bar as needed.

3. Make sure the two brackets are at an even height and tighten the flange nuts.
4. Loosely install the ball guard to the brackets with 8 carriage bolts and 8 flange nuts.

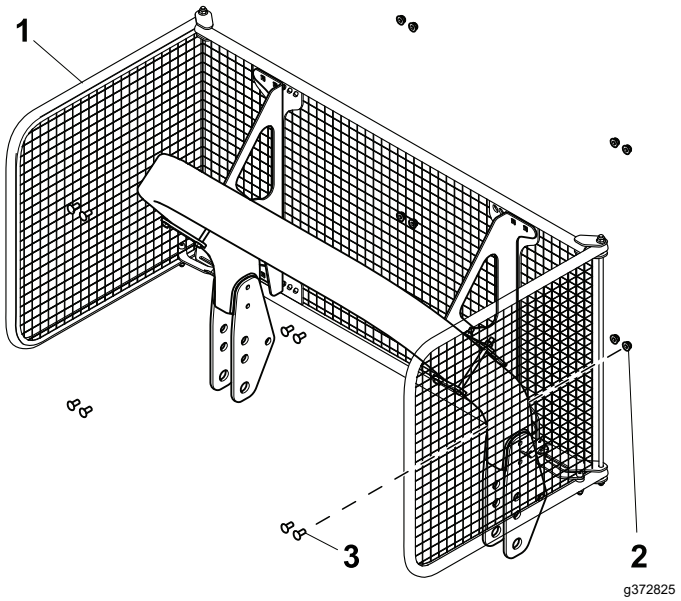


Figure 11

1. Short carriage bolt (8)
2. Guard assembly
3. Flange nut (8)

5. Center the ball guard on the brackets and tighten the 8 flange nuts.

Installing the Guard

Machines with a Straight Roll Bar

Required Kit Parts

Kit Description	Toro Part No.	Quantity
Adapter-ball guard	137-1081	1

Parts needed for this procedure:

1	Guard assembly
1	Left mounting bracket
1	Right mounting bracket
4	Strap
4	Carriage bolt—3/8 x 3-1/2 inches
12	Flange nut
8	Carriage bolt—3/8 x 7/8 inch

1. Loosely mount the 2 brackets to the roll bar with 4 straps, 4 carriage bolts, and 4 flange nuts.

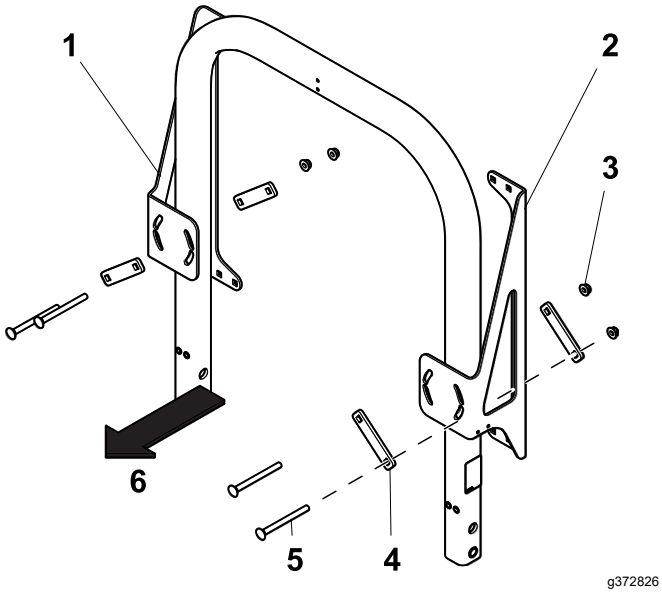


Figure 12

1. Right mounting bracket
2. Left mounting bracket
3. Flange nut (4)
4. Mount strap (4)
5. Carriage bolt—3/8 x 3-1/2 inches (4)
6. Front of the machine

2. Align the ball guard assembly with the brackets and verify there is enough clearance to open the hood without contacting the ball guard. Position the height of the brackets on the roll bar as needed.
3. Make sure the two brackets are at an even height and tighten the flange nuts.
4. Loosely install the ball guard to the brackets with 8 carriage bolts and 8 flange nuts.

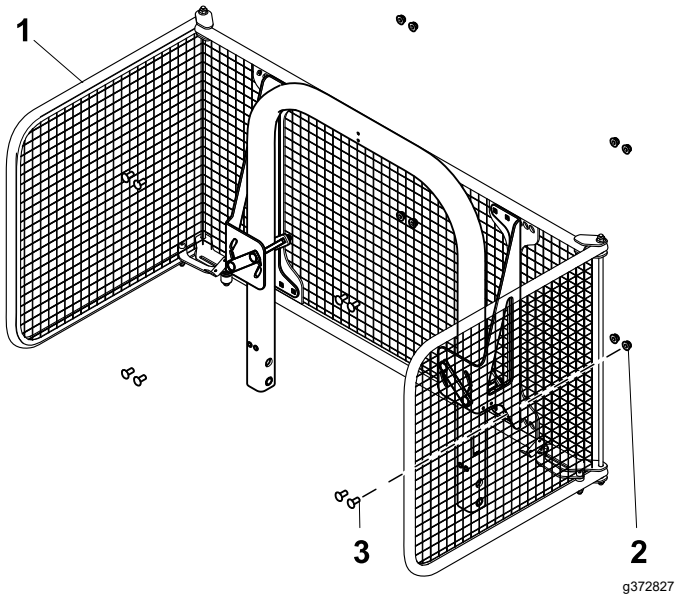


Figure 13

1. Short carriage bolt (8)
2. Guard assembly
3. Flange nut (8)

5. Center the ball guard on the brackets and tighten the 8 flange nuts.

Operation

Using the Guard

Open the guard wings to access the operator platform. Close the latch to secure the guard wings in the open or closed position (Figure 14).

Note: If the latch is not tight enough, tighten the nut on the latch (Figure 15).

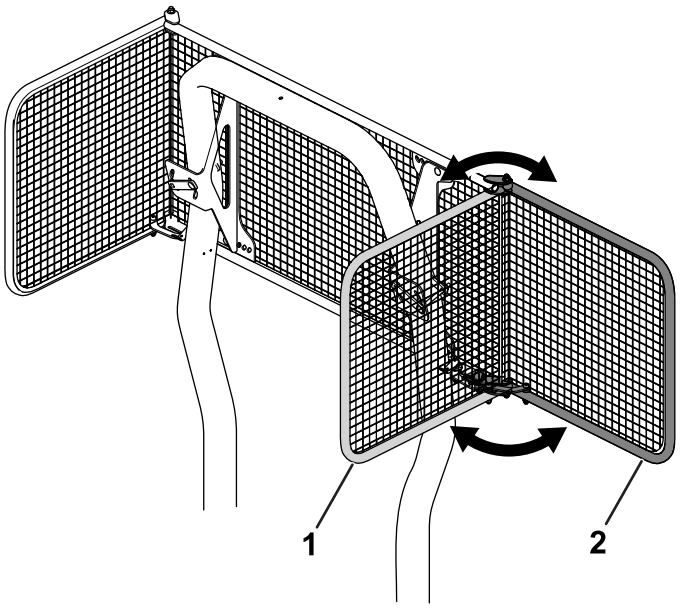


Figure 14

1. Guard wing—closed position
2. Guard wing—open position

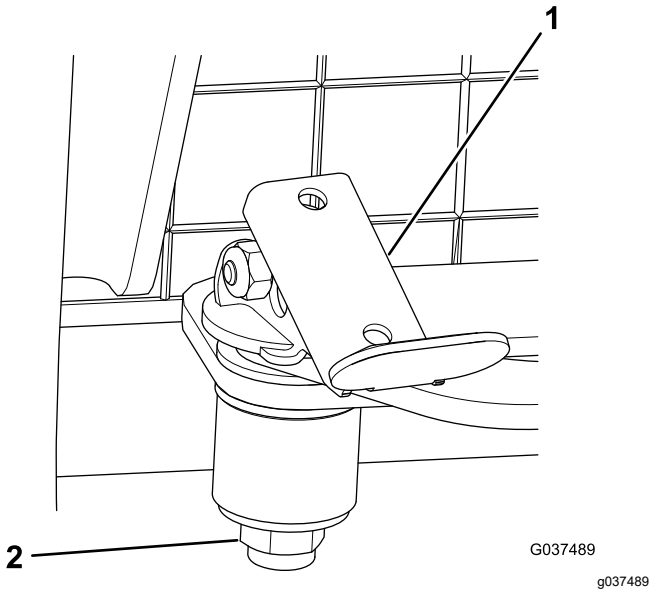


Figure 15

1. Latch
2. Nut

Maintenance

Checking the Mesh

Service Interval: Before each use or daily—Check the mesh for damage.



Count on it.