Form No. 3469-395 Rev B

Idler Stop Kit

72in Rear Discharge Rotary Mower, Groundsmaster® 3200 or 3300 Series Traction Unit

Model No. 161-5096

Installation Instructions

Installation

1

Preparing the Machine

No Parts Required

Procedure

1. Park the machine on a level surface.
2. Engage the parking brake.
3. Lower the attachment.
4. Shut off the engine and remove the key.
5. Remove the cutting unit from the traction unit; refer to the traction unit *Operator's Manual*.

2

Removing the Existing Idler Stop

No Parts Required

Procedure

1. Remove the belt cover (Figure 1) from the top of the cutting unit and set the cover aside.

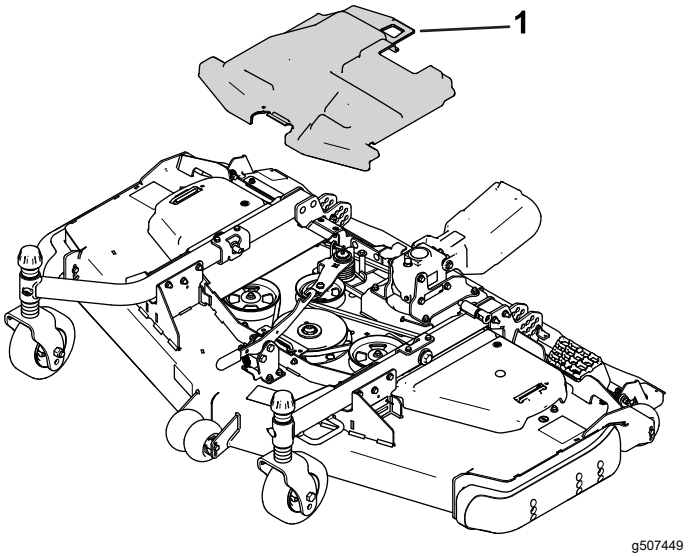

Figure 1

1. Belt cover

2. Using a socket wrench or similar tool, move the idler pulley (Figure 2) away from the drive belt to release the belt tension and allow the belt to slip off the idler pulley.

⚠ CAUTION

The spring is under heavy load and can cause personal injury.

Be careful when removing tension from the torsion spring of the idler arm.

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Register at www.Toro.com.

Original Instructions (EN)
Printed in the USA

3469-395

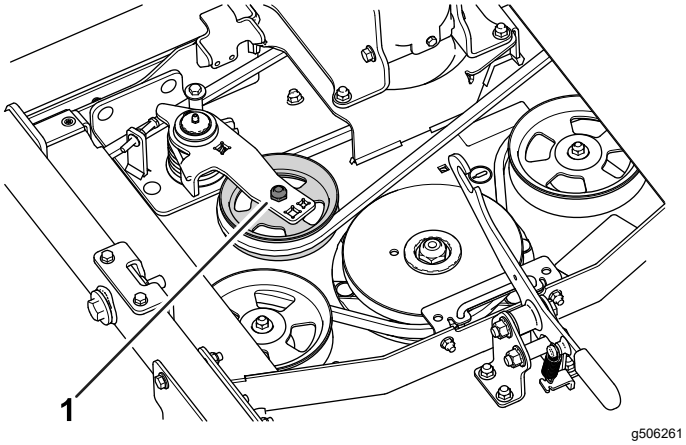

Figure 2

1. Idler pulley

3. Remove the carriage bolts and nuts that secure the tensioner assembly to the cutting unit (Figure 3).

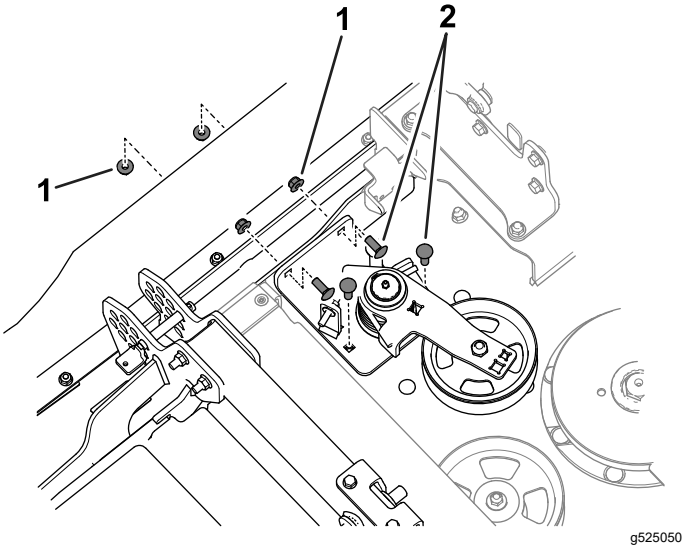

Figure 3

1. Nuts
2. Carriage bolts

4. Secure the idler assembly in a vise by clamping on the idler pivot plate.
5. Remove the shoulder bolt from the idler pivot plate then unload the idler spring tension (Figure 4).

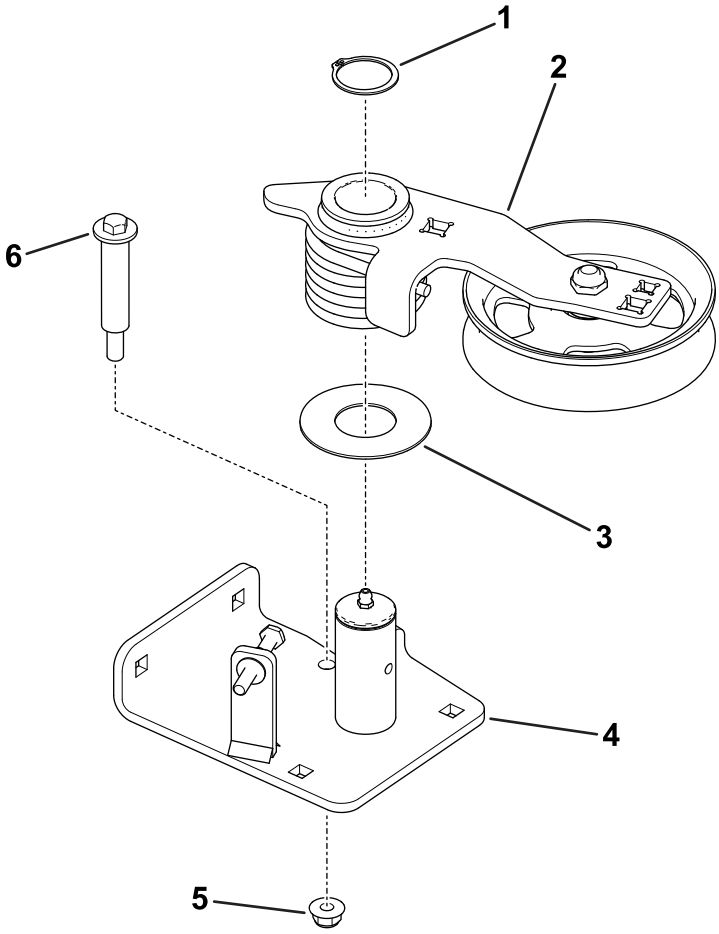

Figure 4

1. Retaining ring
2. Idler arm and spring
3. Washer
4. Idler pivot plate
5. Nut
6. Shoulder bolt

6. Remove the retaining ring that retains the idler arm to the idler pivot (Figure 4).

3

Installing the Idler Stop

Parts needed for this procedure:

1	Idler pivot assembly
2	Carriage bolt (3/8 x 1 inch)
2	Carriage bolt (3/8 x 1-1/4 inches)
1	Shoulder bolt
1	Hex bolt
5	Flange nut (3/8 inch)
2	Flange nut (5/16 inch)

Procedure

1. Use 2 flange nuts (5/16 inch) to secure the hex bolt to the new idler pivot assembly (Figure 5).

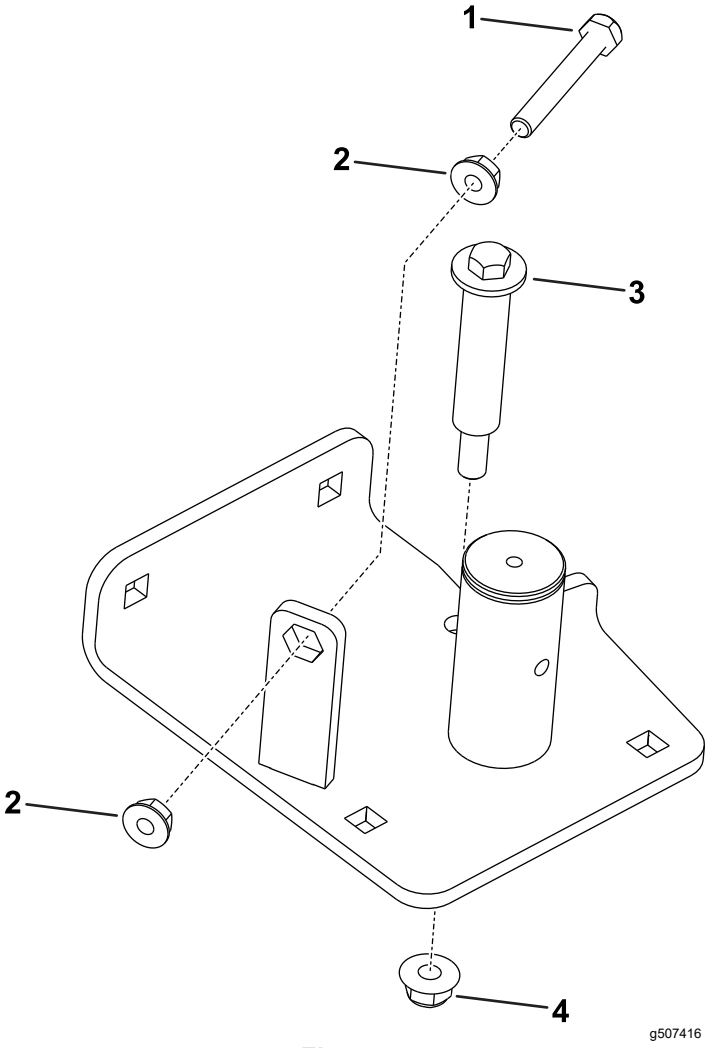

Figure 5

1. Hex bolt
2. Flange nuts (5/16 inch)
3. Shoulder bolt
4. Flange nut (3/8 inch)

2. Use the retaining ring to secure the idler arm and spring to the idler pivot.
3. Secure the idler assembly in a vise by clamping on the idler pivot plate.
4. Use a 3/8-inch or 1/2-inch drive ratchet or breaker bar in the idler arm to move the idler arm (load the torsion spring) enough to install the shoulder bolt.
5. Install a flange nut (3/8 inch) and a shoulder bolt to the idler pivot plate (Figure 5).

   Tighten the nut to 45 to 55 N·m (33 to 41 ft-lb) and release the idler arm.
6. Use 2 carriage bolts (3/8 x 1 inch), 2 carriage bolts (3/8 x 1-1/4 inches), and 4 flange nuts (3/8 inch) to secure the tensioner assembly to the cutting unit (Figure 6).

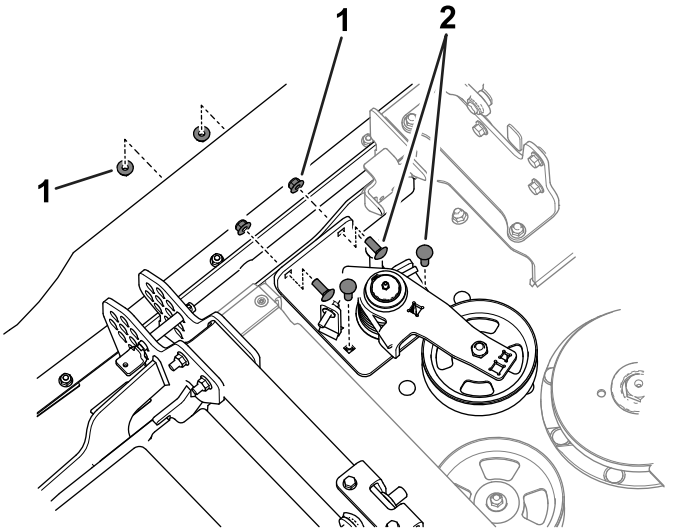

Figure 6

1. Nuts
2. Carriage bolt (3/8 x 1 inch)
3. Carriage bolt (3/8 x 1-1/4 inches)

7. Install the drive belt around the idler pulley (Figure 7).

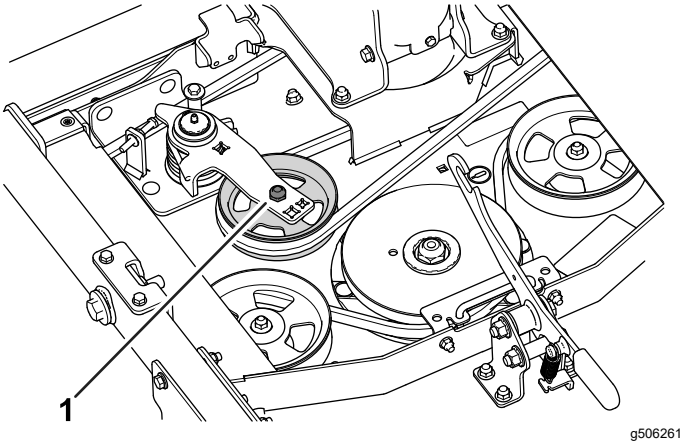

Figure 7

1. Idler pulley

8. Adjust the bolt to the dimension shown in Figure 8.

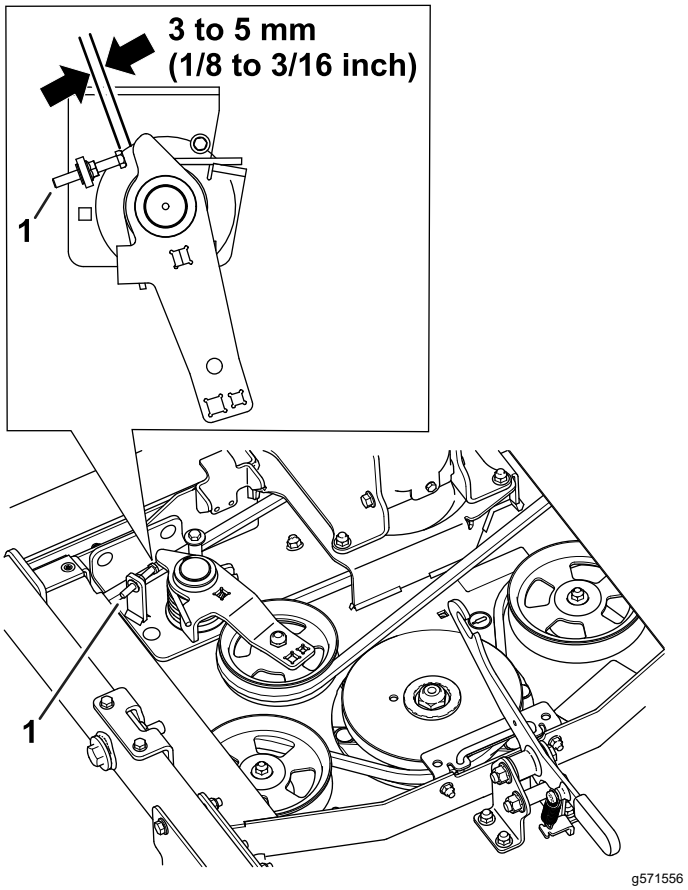

Figure 8

1. Bolt

9. Install the belt cover.