

Installation Instructions

Installing on Straight-Blade Plows

- If you are installing the kit on a 10-ft plow, continue to the next step. If you are installing the kit on a smaller plow, trim the belting to the specifications for your plow listed below:
 - For 7-ft 6-inch plows, cut the belting to 2.28 m (90 inches).
 - For 8-ft plows, cut the belting to 2.43 m (96 inches).
 - For 8-ft 6-inch plows, cut the belting to 2.59 m (102 inches).
 - For 9-ft plows, cut the belting to 2.74 m (108 inches).
- Clamp the belting to the top edge of the plow blade (Figure 1).

Note: If you are installing this kit on a plow with a blade wing extension, place the belting over the spring bracket.

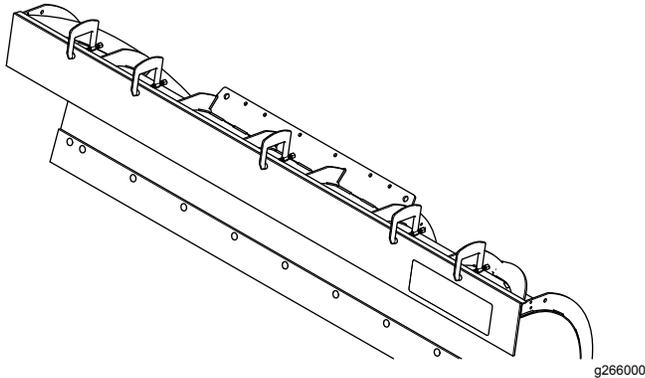


Figure 1

- Using the holes in the plow blade as a guide, drill 9.5-mm (3/8-inch) holes through the belting.

Note: If your plow does not have holes to use as a guide, use Figure 2 as a guide for where to drill.
- Secure the 45° straps to the outer holes using 4 carriage bolts (5/16 inch), 4 washers (5/16 inch), and 4 nylon locknuts (5/16 inch) as shown in Figure 2.

Note: Ensure that the point of the 45° strap is toward the outside of the plow blade.

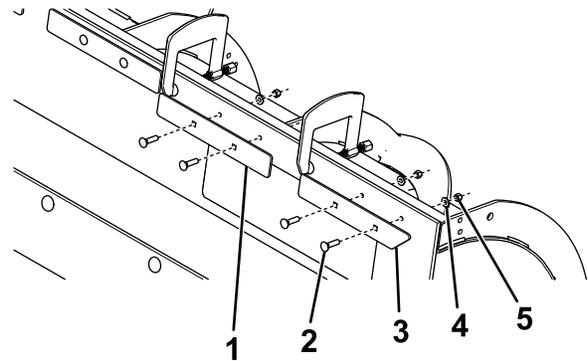


Figure 2

- | | |
|------------------------------|------------------------------|
| 1. Square strap | 4. Washer (5/16 inch) |
| 2. Carriage bolt (5/16 inch) | 5. Nylon locknut (5/16 inch) |
| 3. 45° strap | |

- Secure the square straps to the remaining holes (Figure 2) using the hardware listed for your plow below:
 - For 7-ft 6-inch plows, secure 4 square straps using 8 carriage bolts (5/16 inch), 8 washers (5/16 inch), and 8 nylon locknuts (5/16 inch).
 - For 8-ft plows, secure 4 square straps using 8 carriage bolts (5/16 inch), 8 washers (5/16 inch), and 8 nylon locknuts (5/16 inch).
 - For 8-ft 6-inch plows, secure 5 square straps using 10 carriage bolts (5/16 inch), 10 washers (5/16 inch), and 10 nylon locknuts (5/16 inch).
 - For 9-ft plows, secure 5 square straps using 10 carriage bolts (5/16 inch), 10 washers (5/16 inch), and 10 nylon locknuts (5/16 inch).
 - For 10-ft plows, secure 6 square straps using 12 carriage bolts (5/16 inch), 12 washers (5/16 inch), and 12 nylon locknuts (5/16 inch).
- Torque the bolts to 26.7 N·m (19.7 ft-lb).



Installing on V-Blade Plows

Note: Ensure that the plow is in the V-position before beginning the installation.

- Cut the belting as shown in [Figure 3](#) using the specifications for your plow listed below:
 - For 7-ft 6-inch plows, the top measurement is 1.13 m (44-1/2 inches) and the bottom measurement is 1.21 m (47-3/4 inches).
 - For 8-ft 2-inch plows, the top measurement is 1.23 m (48-1/2 inches) and the bottom measurement is 1.31 m (51-3/4 inches).
 - For 9-ft 2-inch plows, the top measurement is 1.38 m (54-1/2 inches) and the bottom measurement is 1.46 m (57-3/4 inches).
 - For 10-ft plows, the top measurement is 1.42 m (56-1/4 inches) and the bottom measurement is 1.5 m (59-1/4 inches).

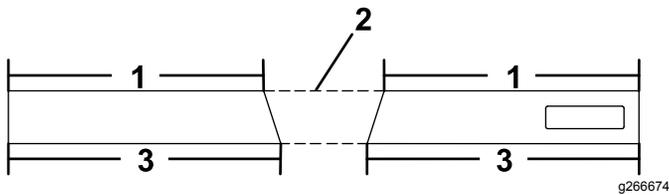


Figure 3

- Top measurement
- Remove
- Bottom measurement

- Clamp the belting to the top edge of the plow blades ([Figure 4](#)).

Note: Ensure that the straight edges are on the outside of the plow blades.

Note: If you are installing this kit on a plow with a blade wing extension, place the belting over the spring bracket.

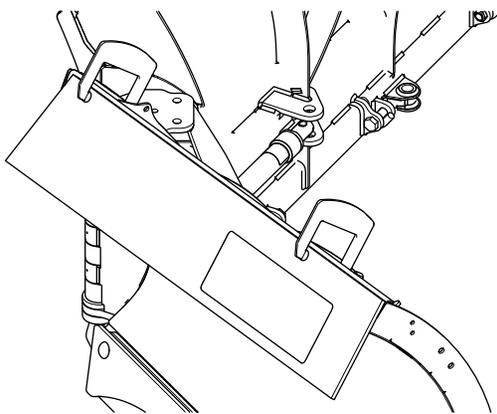


Figure 4

- Using the holes in the plow blades as a guide, drill 9.5 mm (3/8 inch) holes through the belting.

Note: If your plow does not have holes to use as a guide, use [Figure 5](#) as a guide for where to drill.

- Secure the 45° straps to the inner holes using 4 carriage bolts (5/16 inch), 4 washers (5/16 inch), and 4 nylon locknuts (5/16 inch) as shown in [Figure 5](#).

Note: Ensure that the point of the 45° strap is toward the center of the plow blades.

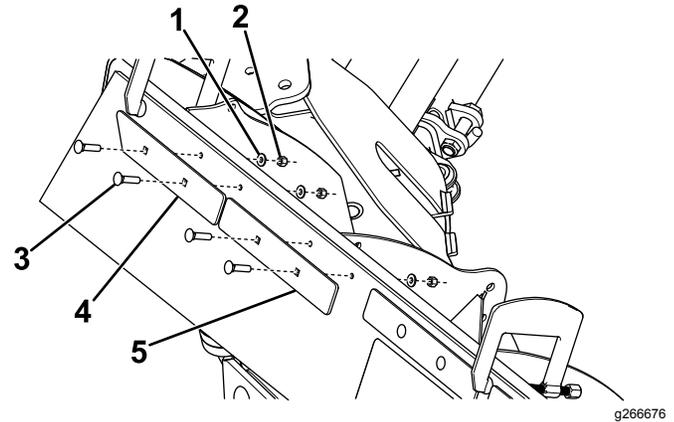


Figure 5

- Washer (5/16 inch)
- Nylon locknut (5/16 inch)
- Carriage bolt (5/16 inch)
- 45° strap
- Square strap

- Secure the square straps to the remaining holes ([Figure 5](#)) using the hardware listed for your plow below:

- For 7-ft 6-inch plows, secure 4 square straps using 8 carriage bolts (5/16 inch), 8 washers (5/16 inch), and 8 nylon locknuts (5/16 inch).
- For 8-ft 2-inch plows, secure 4 square straps using 8 carriage bolts (5/16 inch), 8 washers (5/16 inch), and 8 nylon locknuts (5/16 inch).
- For 9-ft 2-inch plows, secure 4 square straps using 8 carriage bolts (5/16 inch), 8 washers (5/16 inch), and 8 nylon locknuts (5/16 inch).
- For 10-ft plows, secure 6 square straps using 12 carriage bolts (5/16 inch), 12 washers (5/16 inch), and 12 nylon locknuts (5/16 inch).

- Clamp the center belting in place ([Figure 6](#)) after aligning it as follows:

- Position the center belting so the long edge is vertical.
- Position the center belting horizontally so that equal amounts overlap both side belting sections.
- Position the bottom corners of the center belting along the bottom edge of the side

belting sections. The inner points of the side belting sections should extend approximately 3.8 cm (1-1/2 inches) past the edge of the center belting.

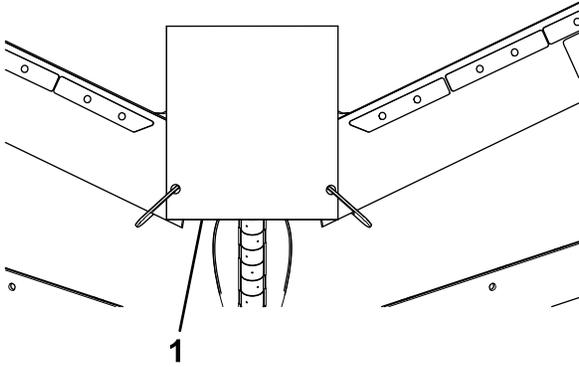


Figure 6

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1. Center belting

7. Find the center of the overlapped belting and measure up approximately 3.8 cm (1-1/2 inches) from the bottom of the center belting.
8. Drill a 9.5 mm (3/8 inch) hole through the belting, and secure the 2 sections together using a bolt (1/4 inch), 2 fender washers, and a nylon locknut (1/4 inch) as shown in [Figure 7](#).

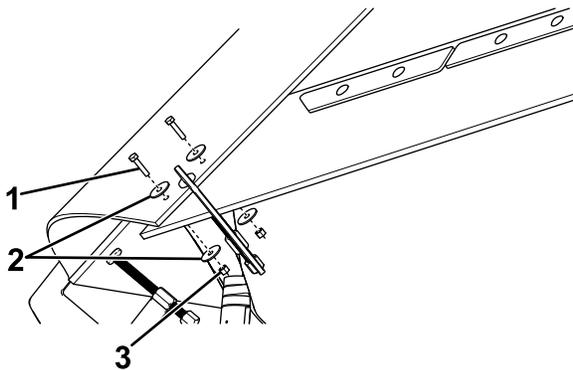


Figure 7

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1. Bolt (1/4 inch)
2. Fender washer
3. Nylon locknut (1/4 inch)

9. Measure 6.4 cm (2-1/2 inches) up from the previously installed bolt and drill a 9.5 mm (3/8 inch) hole through the belting.
10. Secure the 2 sections together using a bolt (1/4 inch), 2 fender washers, and a nylon locknut (1/4 inch) as shown in [Figure 7](#).
11. Repeat steps 7 through 10 on the other side of the center belting.
12. Trim the inner corners of the 2 belting sections to be flush with the bottom of the center belting ([Figure 8](#)).

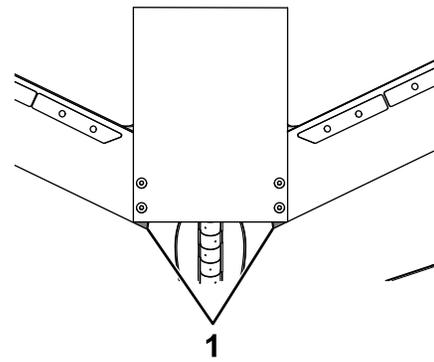


Figure 8

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1. Trim

13. Find the center of the free end of the center belting and measure down 3.8 cm (1-1/2 inches).
14. Drill a 9.5 mm (3/8 inch) hole through the belting, and secure it to the top of the plow center section using a bolt (1/2 inch) and washer (1/2 inch) as shown in [Figure 9](#).

Note: If your plow does not have a threaded hole in the plow center section, you will need to add one. Measure 8.8 cm (3-1/2 inches) rearward of the vertical hinge pin, and drill and tap a hole for a 1/2–13 inch bolt.

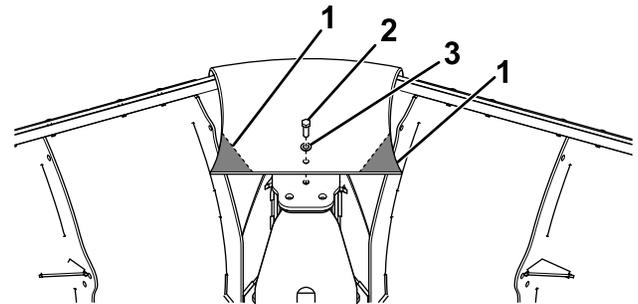


Figure 9

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1. Trim
2. Bolt (1/2 inch)
3. Washer (1/2 inch)

15. Trim the corners of the center belting to prevent it from interfering with the plow movement ([Figure 9](#)).

Installing on EXT Blade Plows

Note: Ensure that the plow wings are fully extended before beginning the installation.

1. Cut the belting as shown in [Figure 10](#).

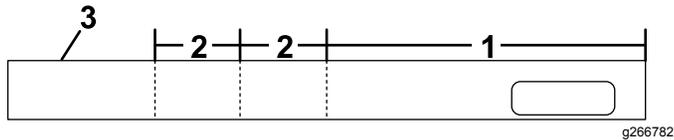


Figure 10

1. 1.62 m (64 inches)
2. 0.43 m (17 inches)
3. Discard

2. Clamp the long belting section to the top edge of the plow blade ([Figure 11](#)).

Note: Ensure that the belting is centered on the plow blade.

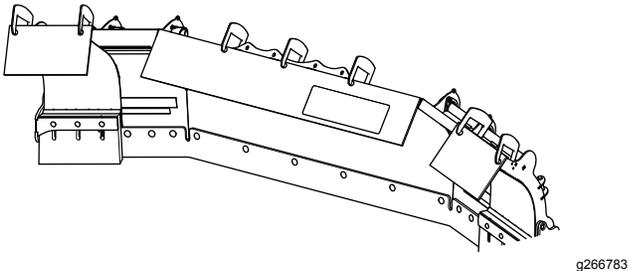


Figure 11

3. Clamp the short belting sections to the top edge of the plow wings ([Figure 11](#)).
4. Using the holes in the plow blade and wings as a guide, drill 9.5 mm (3/8 inch) holes through the belting.

Note: If your plow does not have holes to use as a guide, use [Figure 12](#) as a guide for where to drill.

5. Secure 4 square straps to the holes in the long belting using 8 carriage bolts (5/16 inch), 8 washers (5/16 inch), and 8 nylon locknuts (5/16 inch) as shown in [Figure 12](#).

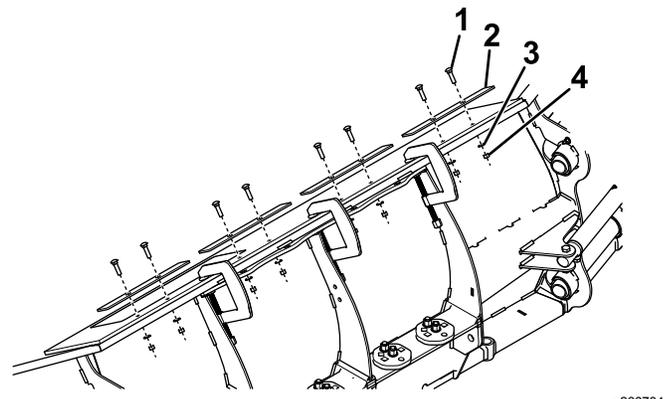


Figure 12

1. Carriage bolt (5/16 inches)
2. Square strap
3. Washer (5/16 inch)
4. Nylon locknut (5/16 inch)

6. Secure a square strap to the holes in each of the short belting sections using 2 carriage bolts (5/16 inch), 2 washers (5/16 inch), and 2 nylon locknuts (5/16 inch) as shown in [Figure 13](#).

Note: Ensure that the fasteners are installed in the direction shown. The plow wing fasteners are installed the opposite direction of the plow blade fasteners.

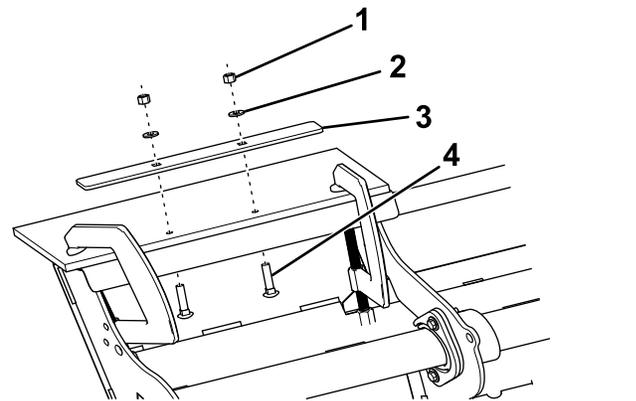


Figure 13

1. Nylon locknut (5/16 inch)
2. Washer (5/16 inch)
3. Square strap
4. Carriage bolt (5/16 inch)

7. Cut the center belting as shown in [Figure 14](#).

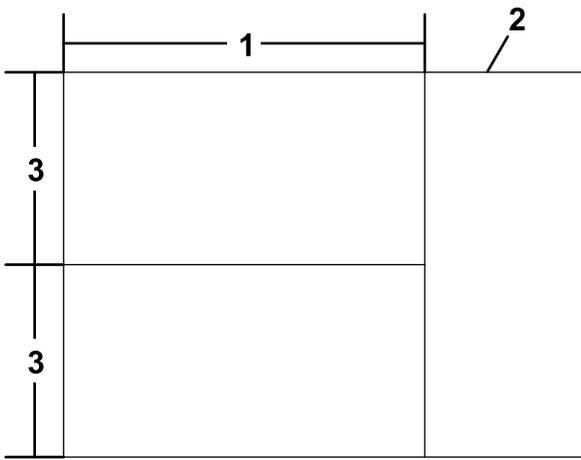


Figure 14

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1. 45.7 cm (18 inches)
2. Discard
3. 24.1 cm (9-1/2 inches)

8. Clamp the center belting pieces in place (Figure 15) after aligning them as follows:

- Align and overlap the center belting with the plow wing belting approximately 5.7 cm (2-1/4 inches).
- Overlap the top of the center belting with the plow blade belting approximately 3.8 cm (1-1/2 inches).
- Overlap the bottom of the center belting with the plow blade belting approximately 10.1 cm (4 inches).

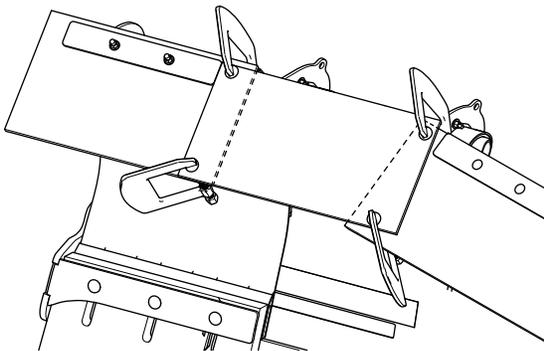


Figure 15

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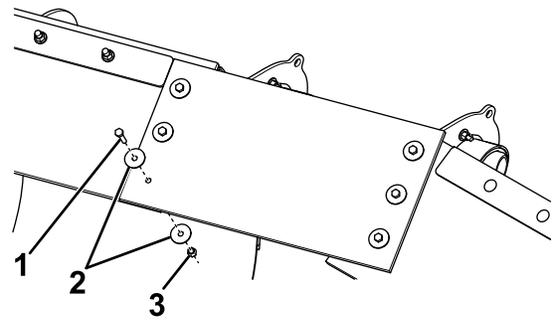


Figure 16

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1. Bolt (1/4 inch)
2. Fender washer
3. Nylon locknut (1/4 inch)

11. Measure in from the edge of the center belting 2.8 cm (1-1/8 inches) and measure down 3.8 cm (1-1/2 inches) from the top of the center belting.
12. Drill a 9.5 mm (3/8 inch) hole through the belting, and secure the 2 sections together using a bolt (1/4 inch), 2 fender washers, and a nylon locknut (1/4 inch) as shown in Figure 16.
13. Measure in from the edge of the center belting 2.8 cm (1-1/8 inches) and halfway between the previously installed bolts.
14. Drill a 9.5 mm (3/8 inch) hole through the belting, and secure the 2 sections together using a bolt (1/4 inch), 2 fender washers, and a nylon locknut (1/4 inch) as shown in Figure 16.
15. Repeat steps 9 through 14 on the other side of the belting.

9. Measure in from the edge of the center belting 2.8 cm (1-1/8 inches) and measure up 3.8 cm (1-1/2 inches) from the bottom of the center belting.

10. Drill a 9.5 mm (3/8 inch) hole through the belting, and secure the 2 sections together using a bolt (1/4 inch), 2 fender washers, and a nylon locknut (1/4 inch) as shown in Figure 16.

Notes:

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