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SNOW DEFLECTOR INSTALLATION INSTRUCTIONS MSC04587B

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PUSHING THE EDGE

MSC04588-D

MSC04587 Snow Deflector Components

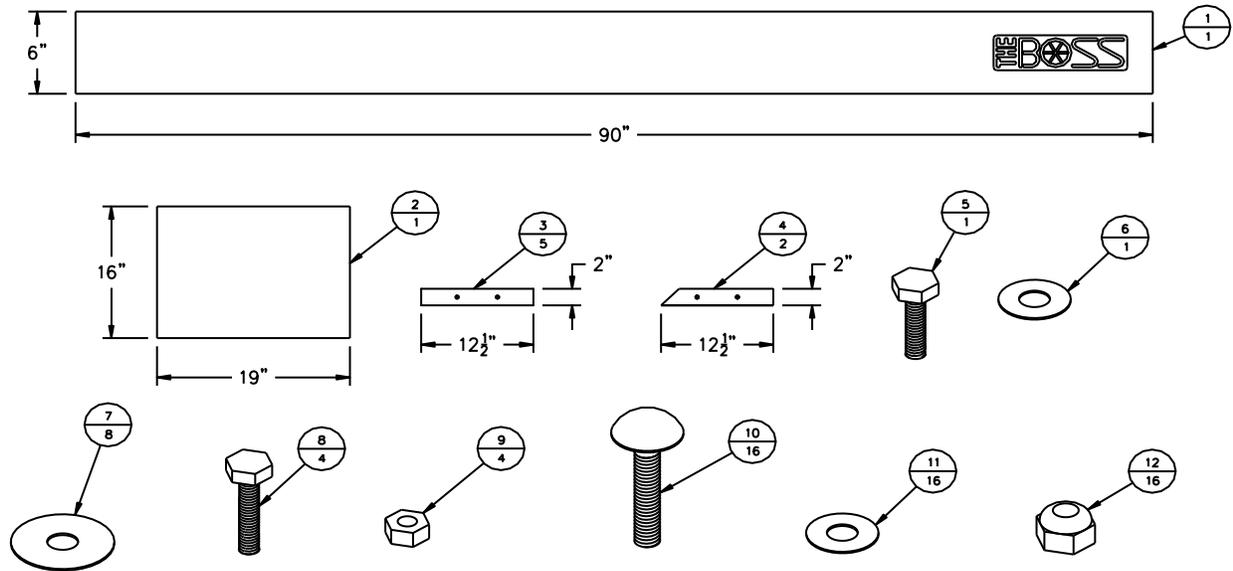


Figure 1. MSC04587 Snow Deflector and MSC03734 Fastener Kit Contents

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ITEM #	QUANTITY	PART #	DESCRIPTION
1	1	MSC04058	BELTING 90" x 6"
2	1	MSC18847	BELTING, CENTER 16" x 19"
3	4pdf	MSC04931	STRAP, SNOWFOIL, 2 HOLE
4	2	MSC04932	STRAP, SNOWFOIL, 2 HOLE, 45
5	1	HDW01808	3/8"-16 X 1-1/4" HEX HEAD BOLT
6	1	HDW01733	3/8" FLAT WASHER
7	8	HDW05598	5/16" X 1-1/4" FENDER WASHER
8	4	HDW05571	1/4"-20 X 1-1/4" HEX HEAD BOLT
9	4	HDW01725	1/4"-20 NYLON LOCK NUT
10	12	HDW08301	5/16"-18 X 1-3/4" CARRIAGE BOLT
11	12	HDW06967	5/16" FLAT WASHER
12	12	HDW01714	5/16"-18 NYLON LOCK NUT

Note: Snow Deflector Kit MSC04587 fits all BOSS HTX and 7'6" Straight Blade snowplows including: HTX-V, Sport Duty, Standard Duty, Super Duty, Super Duty Trip Edge, and Poly Super-Duty snowplows.

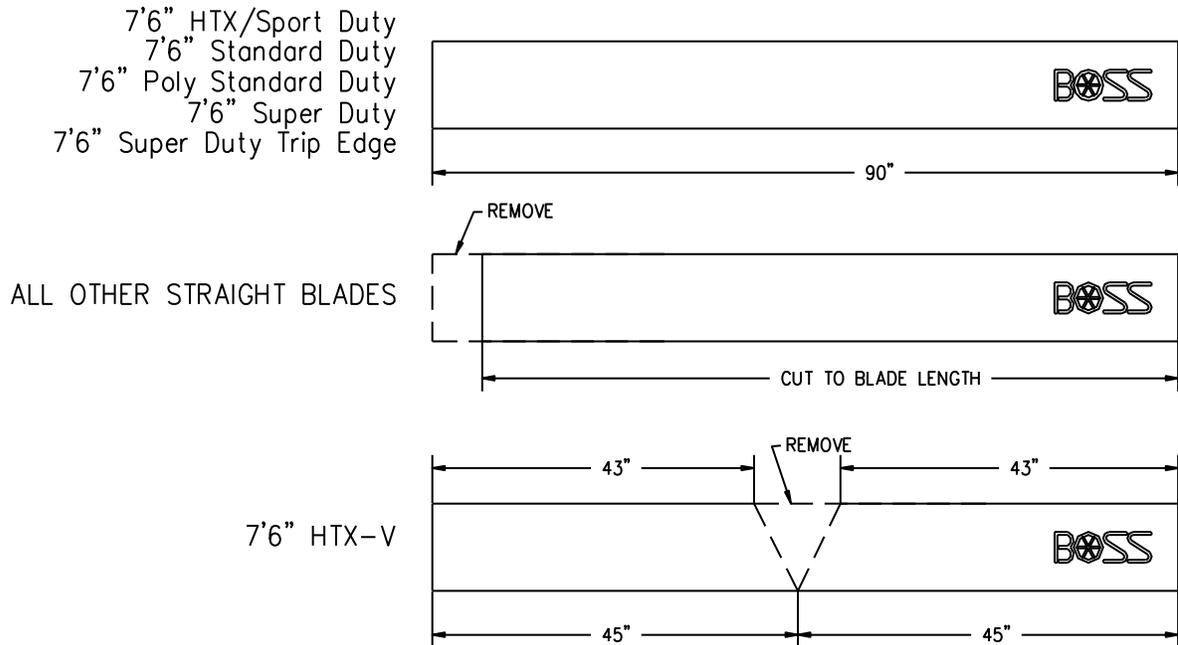


Figure 2. Belting cut for all 7'6" & Under Straight Blades.

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1. Cut **MSC04058** Belting (1) to match the length of your plow. See Figure 2 for dimensions.

Note: If you are installing the Snow Deflector on a 7'6" straight blade you do not need to cut this piece.

2. Place Belting on top of Blade and align so that the ends of Belting are flush with ends of Blade.
3. Clamp Metal Straps on top of Belting, aligned with the pre-existing holes in Blade.

Note: Metal Straps with 45° Ends should be placed on end of blade for straight blades and in the center for HTX-V blades.

4. Drill through Belting using holes in Metal Straps and Blade as guides.
5. Attach Metal Straps and Belting to Blade using 5/16"-18 Carriage Bolts, 5/16" Flat Washers, and 5/16"-18 Nylon Lock Nuts.

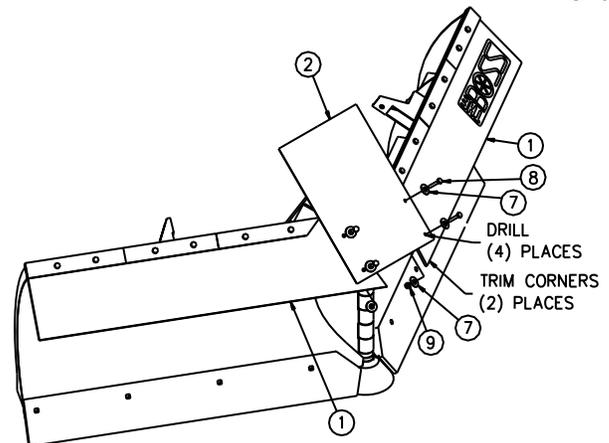


Figure 3. Center Flap Installation, HTX-V

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Note: The plow must be in the V Position as shown in Figure 6 for the installation of Center Belting (2).

6. For HTX-V align and clamp Center Belting (2) as follows:
 - Center the Center Belting (2) to allow an equal amount of overlap on each half of Rubber Belting (1).
 - Position Center Belting (2) so that the 16-inch width is horizontal and the 19 inch length is vertical. This is illustrated in Figure 3.

- Position the front corners of Center Belting (2) up approximately 1-1/2" from the front edge of Rubber Belting (1).

7. With Center Belting (2) clamped in place, drill two 3/8" diameter holes through each side of Center Belting (2) as shown in Figure 6. The holes should be placed at least 1-1/2 inches away from the edges of the belting.
8. Attach Center Belting (2) to Rubber Belting (1) using four 1/4" Bolts (6), eight 5/16" Fender Washers (5), and four 1/4" Lock Nuts (7).
9. Trim the corners of Rubber Belting (1) to be flush with the bottom of Center Belting (2). Reference Figure 4.

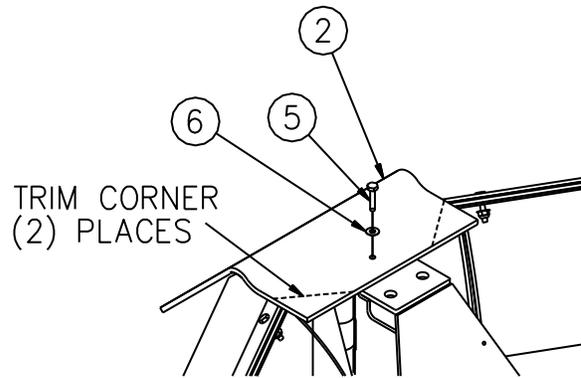


Figure 4. Center Flap Installation

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10. Fold Center Belting (2) over the top of the plow as shown in Figure 7.
11. Drill a hole that is centered and approximately 1-1/2" from the back of Center Belting (2).
 12. Using 3/8" Bolt (5) and 3/8" Flat Washer (6), attach Center Belting (2) to the top of Center Section by utilizing the threaded hole that is located behind the center hinge pin.
 13. Remove any excess material from the lower back of Center Belting (2) so that it does not interfere with the plow. Reference Figure 4 above.