



A Division of Northern Star Industries, Inc.  
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**8'2" & 9'2" DXT  
PLOW SHOE OPTION KIT, EXTENDED  
BRACKETS  
INSTALLATION INSTRUCTIONS  
Kit Number: MSC18207**

# 8'2" & 9'2" DXT Bolt-On Plow Shoe Option Kit, Extended Brackets, Installation Procedure

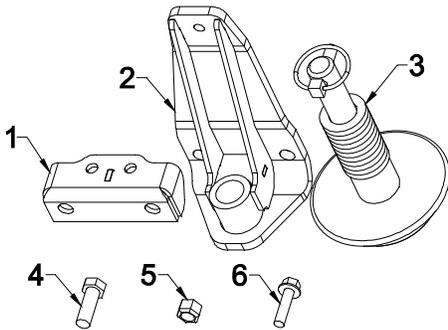


Figure 1. Bolt-On Shoe Bracket Kit Contents G10826

ITEM #	QTY.*	PART #	DESCRIPTION
1	4	BAX18171	BOLT-ON SHOE GUSSET
2	4	BAX18196	BOLT-ON SHOE BRACKET
3	0	MSC01570	PLOW SHOE ASSEMBLY, NOT INCLUDED IN KIT
4	8	HDW01728	1/2"-13 X 1-1/2" HHCS
5	8	HDW05597	1/2"-13 TOP LOCK NUT
6	12	HDW04861	3/8"-16 X 1-1/2" SELF-TAPPING HHCS

**Note:** This instruction manual is to be used for the installation of the 8'2" & 9'2" DXT Bolt-On Plow Shoe Option Kit **MSC18207** on BOSS 8'2" & 9'2" DXT V-Blade Plows only.

- 1) Place Plow Blades on the ground, face-down.
- 2) On the Driver Side blade half of the plow, align Bolt-On Shoe Gusset (1) to the outer mounting location on the underside of the plow blade. The bracket will align with both backside and inside bolt holes. See Figure 2.
- 3) Attach Bolt-On Shoe Gusset (1) using two 3/8"-16 X 1-1/2" Self-Tapping Hex Head Cap Screws (6) threaded into the inside holes of the plow blade. See Figure 2.

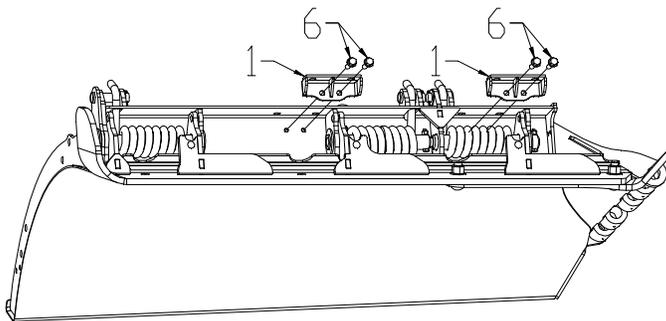


Figure 2. Drilled Holes Location G10813

- 4) Repeat steps 2-3 for the inner Bolt-On Shoe Bracket mounting location on the Driver Side blade half.

**Note:** It may be necessary to release the tension from the inner torsion spring to assemble inner Bolt-On Shoe Bracket Gusset (1).

- 5) Using two 1/2"-13 X 1-1/2" Hex Head Cap Screws (4) and two 1/2"-13 Top Lock Nuts (5), attach Bolt-On Shoe Bracket (2) to the backside of Driver Side outer mounting location. See Figure 3.
- 6) Using the Shoe Bracket as a guide, drill a 5/16" hole in the back of the blade. Insert a 3/8"-16 X 1-1/2" Self-Tapping Hex Head Cap Screw (6) and tighten.
- 7) Repeat for the inner Bolt-On Shoe Bracket mounting location on the Driver Side blade half.

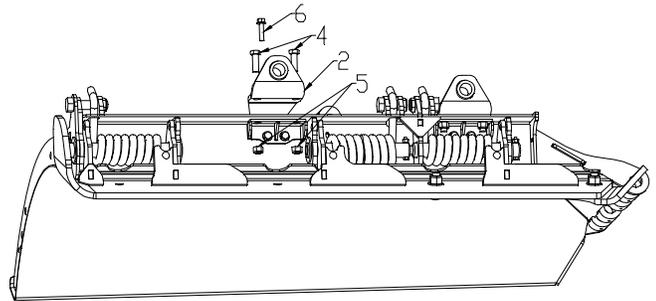


Figure 3. Plow Shoe Mounting Bracket Assembly G10828

- 8) Tighten all fasteners. DO NOT OVER TIGHTEN.
- 9) Repeat steps for Passenger Side plow blade half.
- 10) Insert Plow Shoe (3) through the bottom of the Bolt-On Shoe Bracket (2). See Figure 4.
- 11) Place Washers on the shaft of Plow Shoe above or below Bolt-On Shoe Bracket to adjust the ride height of Plow Shoe (3).
- 12) Insert Quick Pin through the hole in Plow Shoe (3).

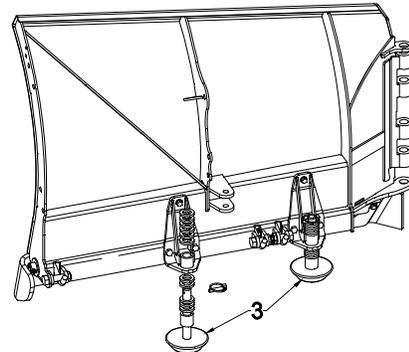


Figure 4. Plow Shoe Assembly G10827

- 13) Repeat for all Plow Shoes (3).
- 14) After mounting the plow on the truck, check height of Plow Shoes (3) and adjust as necessary.