

INSTALLATION

- Refer to the diagram below to see the install locations of the tip, fertilizer tube, sealer plate and other hardware.
- If the optional anhydrous ammonia kit is being installed, the bottom tip of the anhydrous tube must sit 1/4" below the bottom of the opener.
- To make installation quicker and easier, assemble the entire opener before installing on the shank. Install the tip as per its orientation on the diagram and with the writing upright.
- Use an impact if possible to tighten the shank bolts during the initial install and torque them to 45 ft-lb. After 4 hours of use it is recommended that you ensure all bolts are still tight and re-torque to 45 ft-lb. This should prepare you for the season.

**** HELPFUL HINT ****

- When running sideband openers, you will require an equal number of left and right openers, unless your machine is equipped with an odd number of shanks. Left openers should be installed on the right side of the drill and right openers should be installed on the left side of the drill. This will ensure our drill runs true and prevent plugging while the drill is turning.

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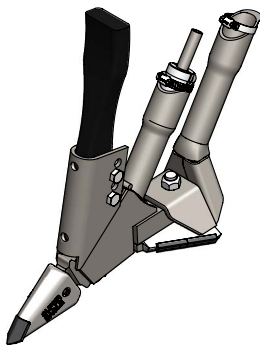
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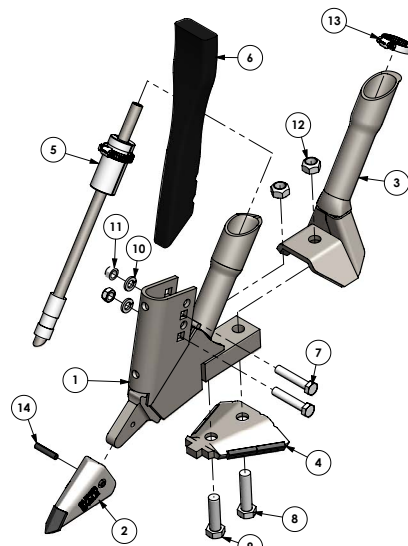
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ASSEMBLED VIEW



EXPLODED VIEW



PART LIST

ITEM	QTY	PART #	PRODUCT
1	1		Precision Morris Body
2	1		Precision Tip / Point
3	1		Precision Seed Tube
4	1		Precision Sealer Plate
5	1		Precision NH3 Tube Kit
6	1		84° Edge-On Shank / Tyne
7	2	HH382PLC8	Hex Bolt, 3/8 X 2 GR8
8	1	HH122PLC5	Hex Bolt, 1/2 x 2
9	1	HH12134PLC5	Hex Bolt, 1/2 x 1 3/4
10	2	LW38PL	Lock Washer, 3/8
11	2	CN38PL	Cleave Nut, 3/8
12	2	CN12PL	Cleave Nut, 1/2
13	1	HC114	#20 Hose Clamp, 1/2 -1 1/2
14	1	RP14114	Roll Pin

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