

# MODUS™ ARCTIC® LD MODULAR SHOE SYSTEM

## INSTALLATION GUIDE

### Arctic® LD Modular Shoe System

- 6-Modular Frame Shoes
- 2-Sidewall Adapter Plates
- 2-Filler Plates
- 2-Skid Shoes

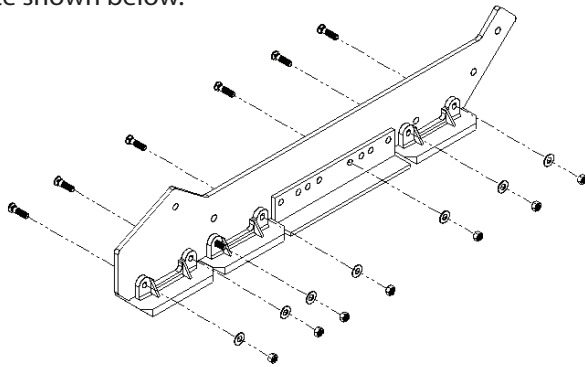
#### Hardware

- 14- 5/8" plow bolt, washer, nut
- 14 - 5/8" hex head bolt, washer(2), nut
- \*2 extra hex head bolts will remain

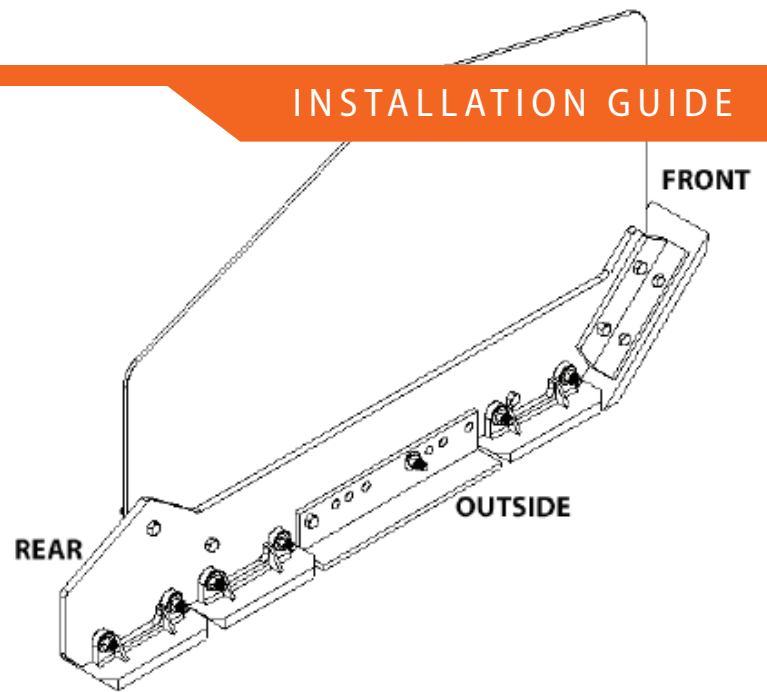
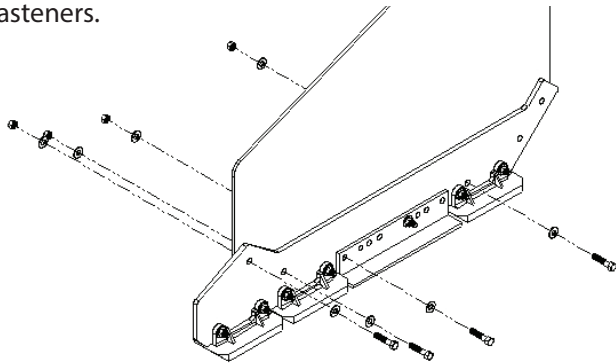
## 6 Hole Installation

Follow instructions below or drill additional hole into your OEM sidewall.

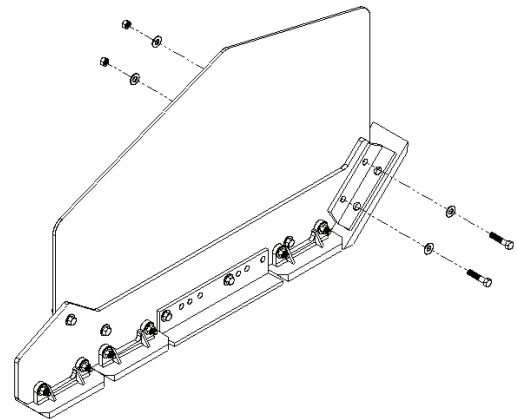
**Step 1.** Insert plow bolts into countersunk side of sidewall adapter. Using the nuts and washers from the same kit, fasten the orange frame shoes hand tight to outside of sidewall adapter. Insert supplied dichromate coated plow bolts through holes, counter sunk on outside of adapter plate shown below.



**Step 2.** Using supplied hex head bolts, washers and lock nuts, install the four bolts, as shown below, through adapter plate and sidewall of pusherbox unit. The silver washer goes against the bolt head and the zinc plated conical washer goes against the pusherbox sidewall. Hand tighten fasteners.



**Step 3.** Install front skid shoe to outside of front angled section of adapter plate. Using same hardware and installation as step two, hand tighten fasteners. Install center filler plate with two hex bolts as shown. Use washers and nuts to secure forward facing bolt in angled skid shoe. Tighten down all hex head bolts once they all have been installed.



**Step 4.** Set pusherbox on ground and ensure box is parallel to the surface it is sitting on. Then tighten all orange shoe hardware. This ensures even wear on all shoes as well as ensuring the system is completely parallel to the ground.

### IMPORTANT!

For torque recommendation, please refer to SAE J1701. Re-torque hardware after the first 10 plow hours. Both sides of the pusherbox should be free of rust, scale, dirt, etc. prior to installing new blades and hardware to reduce bolt loosening issues while in service.



Questions? 1-800-294-6837 or [WinterEquipment.com](http://WinterEquipment.com)

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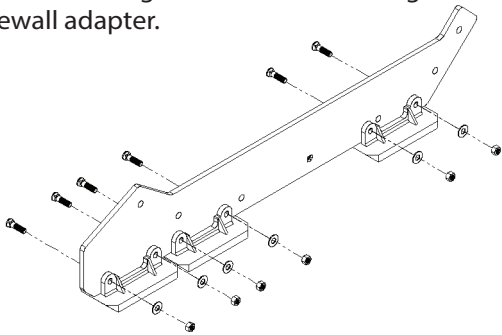
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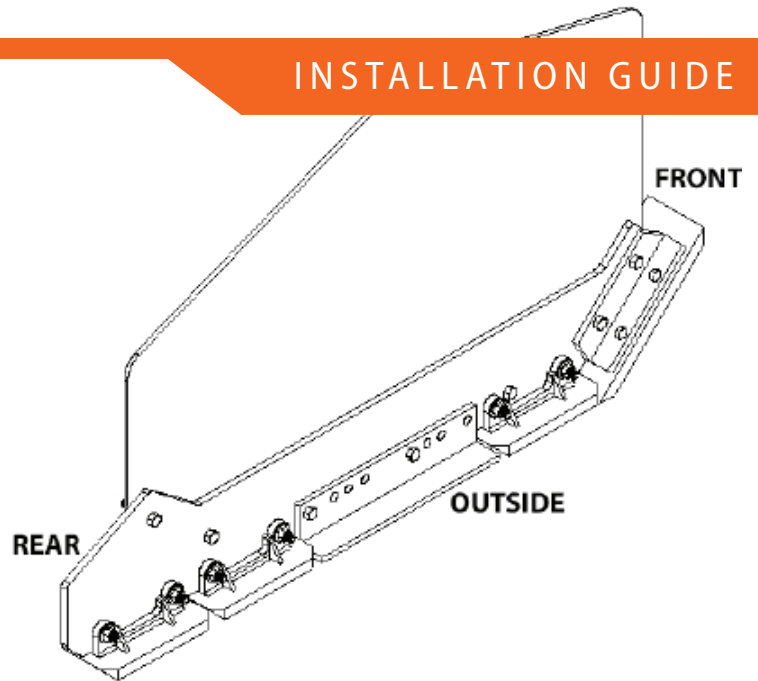
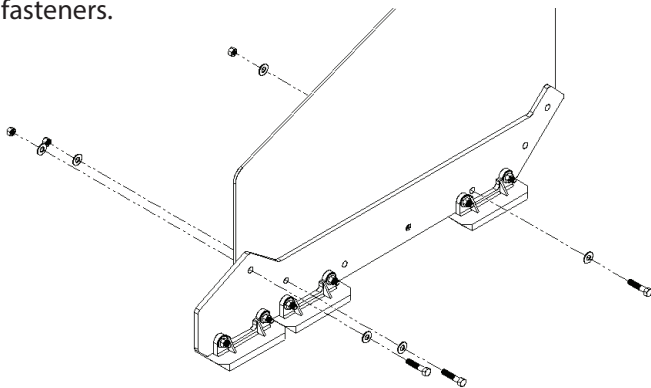
## 7 Hole Installation

If 6 bolts were removed see reverse.

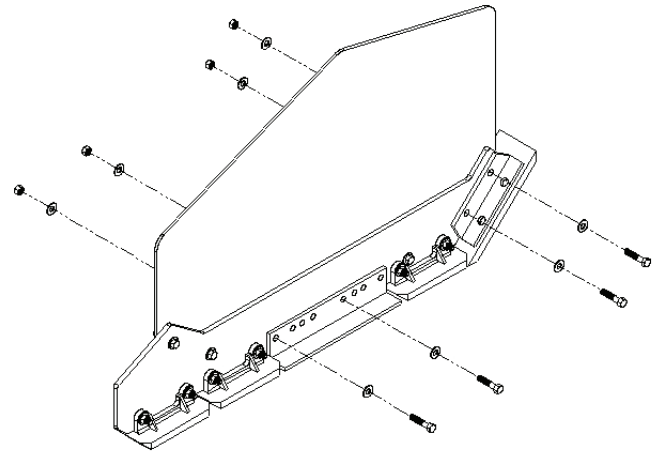
**Step 1.** Using supplied dichromate coated hardware insert plow bolts into countersunk side of sidewall adapter. Using the nuts and washers from the same kit, fasten the orange frame shoes hand tight to outside of sidewall adapter.



**Step 2.** Using supplied hex head bolts, washers and lock nuts, install the four bolts, as shown below, through adapter plate and sidewall of pusherbox unit. The silver washer goes against the bolt head and the zinc plated conical washer goes against the pusherbox sidewall. Hand tighten fasteners.



**Step 3.** Install front skid shoe to outside of front angled section of adapter plate. Using same hardware and installation as step two, hand tighten fasteners. Install center filler plate (angle iron) with two hex bolts as shown. Use washers and nuts to secure forward facing bolts in angled skid shoe. Tighten down all hex head bolts once they all have been installed.



**Step 4.** Set pusherbox on ground and ensure box is parallel to the surface it is sitting on. Then tighten all orange shoe hardware. This ensures even wear on all shoes as well as ensuring the system is completely parallel to the ground.

### IMPORTANT!

For torque recommendation, please refer to SAE J1701. Re-torque hardware after the first 10 plow hours. Both sides of the pusherbox should be free of rust, scale, dirt, etc. prior to installing new blades and hardware to reduce bolt loosening issues while in service.



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