

Installation Instructions

WOT Pivoting Snow Flap Saver

Ski-doo XP/XR Chassis



White Out Technologies, LLC

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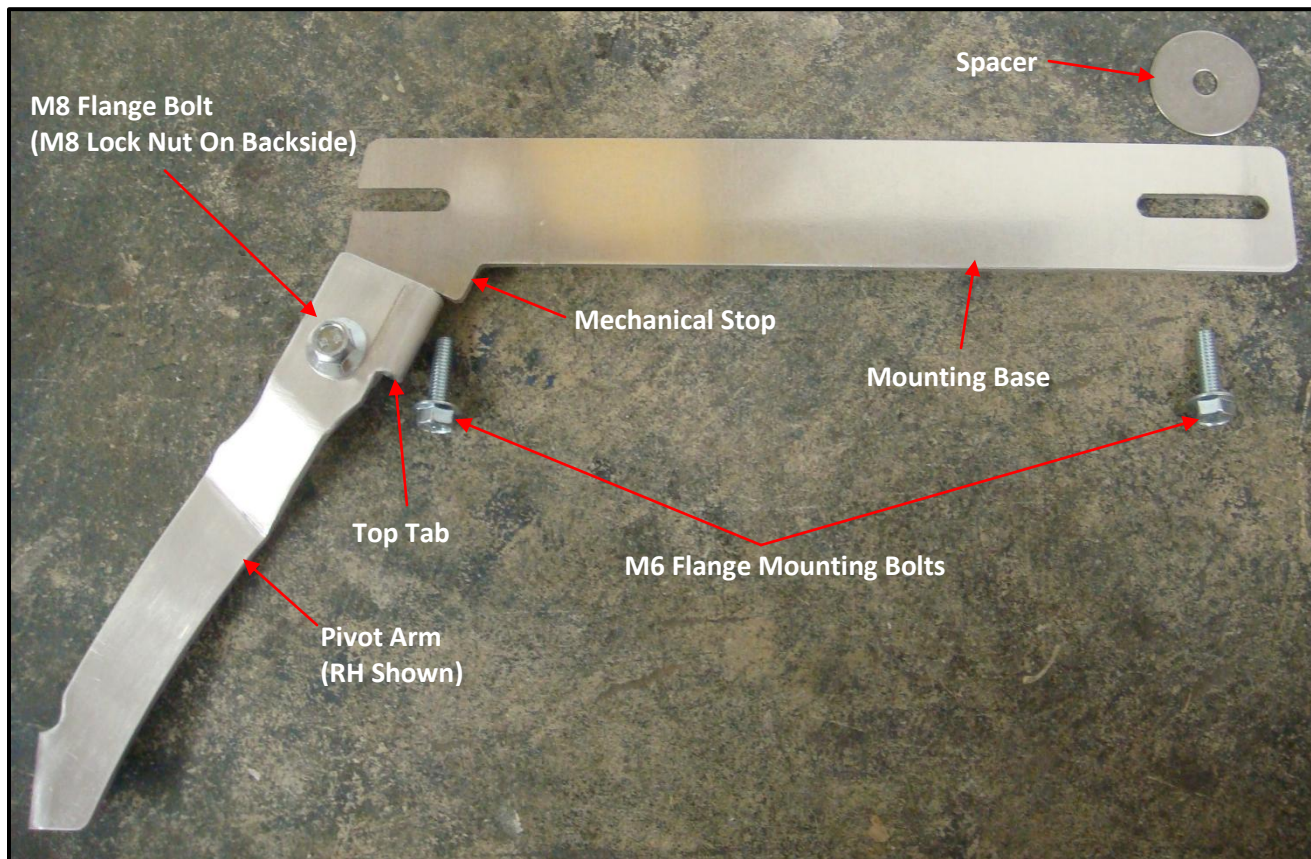
Required Tools:

- [1] 10mm wrench / ratchet
- [2] 13mm wrenches / ratchets
- [1] T30 Torx drive (2010-2012 sleds only)

Included Parts:

Part Name	Quantity	Reference No
LH Pivot Arm	1	(1)
RH Pivot Arm	1	(2)
Mounting Base	2	(3)
M6 Flange Head Bolt	4	(4)
Spacer (Fender Washer)	2	(5)
M8 Flange Head Bolt	2	(6)
M8 Lock Nut	2	(7)

Part Reference Locations:



Before Getting Started:

- A. Be sure that inside of tunnel is clean and clear of debris.
- B. A simple way to determine LH vs. RH pivot arms is by looking at the bends of the pivot arm. The small bent tabs at either end of the pivot arm should point towards the track when installed on the sled.

Installation Instructions:

1. Assemble the LH pivot arm (1) onto the mounting base (3) by passing an M8 bolt (6) through the LH pivot arm (1), and then through the hole in the mounting base. The head of the bolt (6) should sit on the outside of the assembly. When done properly, the top tab on the LH pivot arm (1) will make contact with the mechanical stop on the mounting base as shown (Figure 1).
2. Assemble one of the lock nuts (7) to the M8 mounting bolt (6) on the inside of the assembly. Do not over tighten the lock nut (7). Lock nut (7) should be tightened so that the LH pivot arm (1) and mounting base (3) can rotate freely without binding, but should not be so loose that these parts can wiggle loosely. If excessive binding during rotation is encountered, deburr sharp edges of the mounting base (3) and the LH pivot arm (1) near the pivot joint.



Figure 1 –Bolt pivot arm to mounting base

3. On the LH side of the sled, locate the two mounting screws on the inside of the tunnel that are used to secure the rear handle in place (Figure 2). Note: Model years 2008-2009 will have flange hex head bolts in these locations, while model years 2010-2012 will have pan head Torx screws as shown in Figure 2.

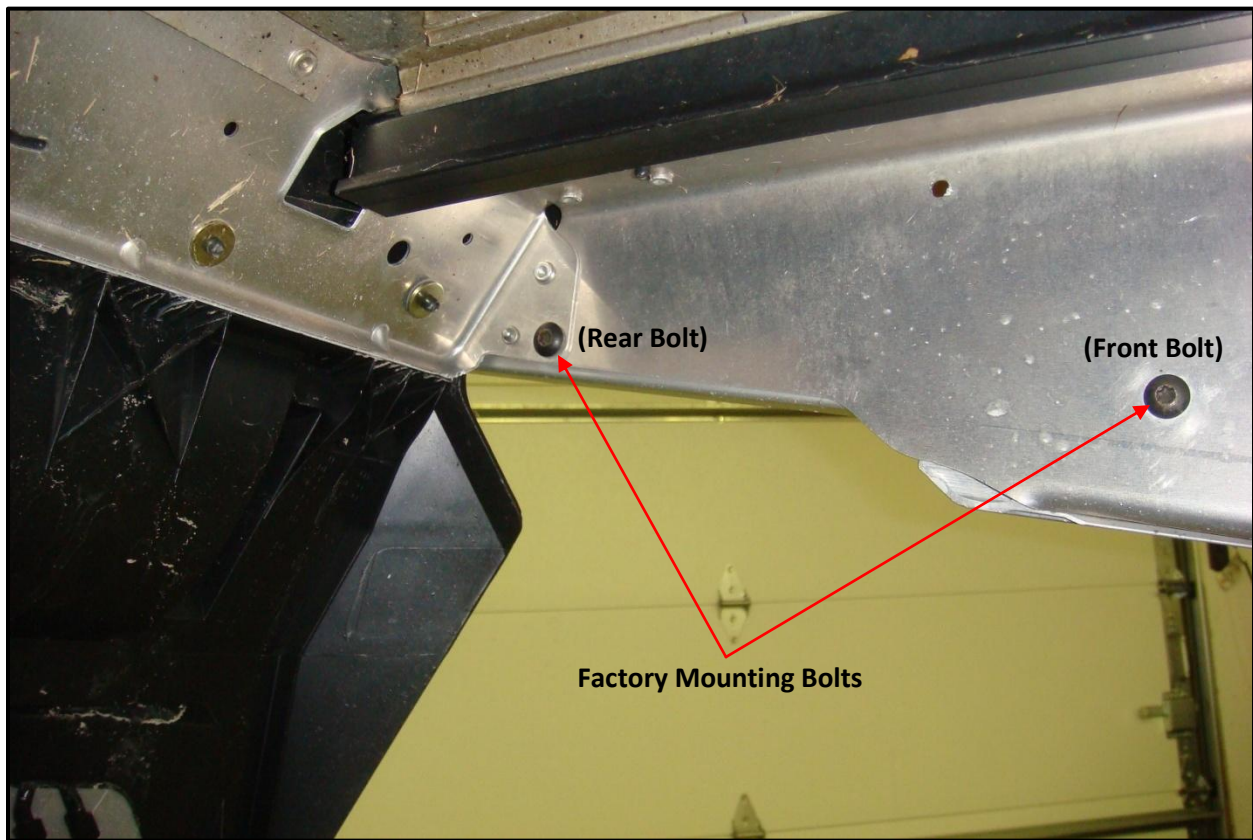


Figure 2 –Rear handle mounting bolts (LH side shown)

4. Remove the factory rear bolt using an M10 wrench or T30 Torx wrench depending on sled model year. Replace factory bolt with new M6 bolt (4), but only start the threads of this new bolt (4), do not tighten yet (Figure 3).



Figure 3 –New rear bolt (4) - (LH side shown)

5. Remove the factory front bolt using an M10 wrench or T30 Torx wrench depending on sled model year. Place the spacer (5) over the front bolt hole as shown (Figure 4).



Figure 4 –Spacer located over front mounting hole. (LH side shown)

6. Place the LH Snow Flap Saver assembly that was assembled in step 2 into the LH side of the tunnel and slide it rearward so that the rear bolt (4) slides into the slot at the rear of the mounting base (3) as shown (Figure 5).

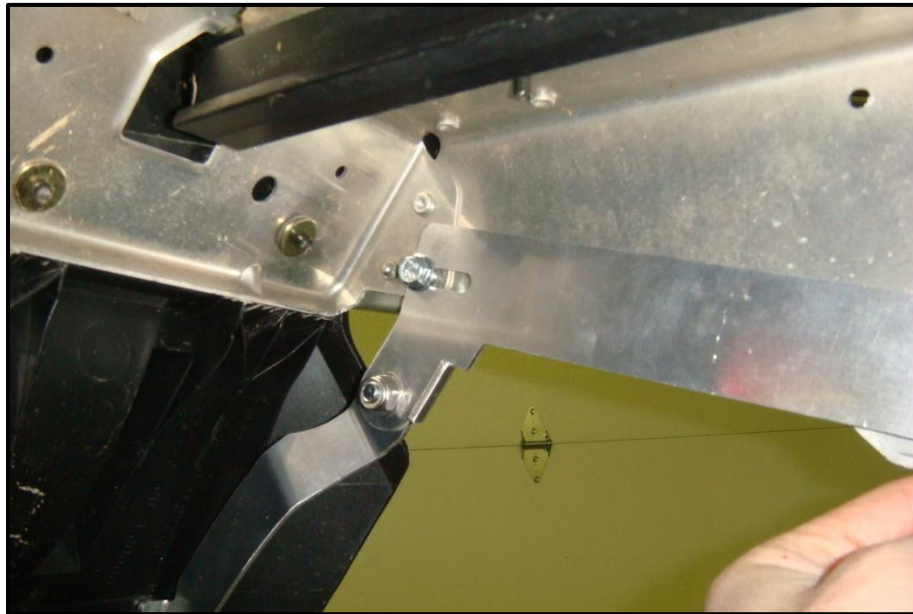


Figure 5 –LH side Snow Flap Saver being assembled to rear mounting bolt (4)

7. With the spacer (5) still in place over the front mounting hole, rotate the Snow Flap Saver assembly up into place and pass a new mounting bolt (4) through the mounting base (3) and then the spacer (5) and thread the bolt (4) into the mounting hole in the tunnel (Figure 6).

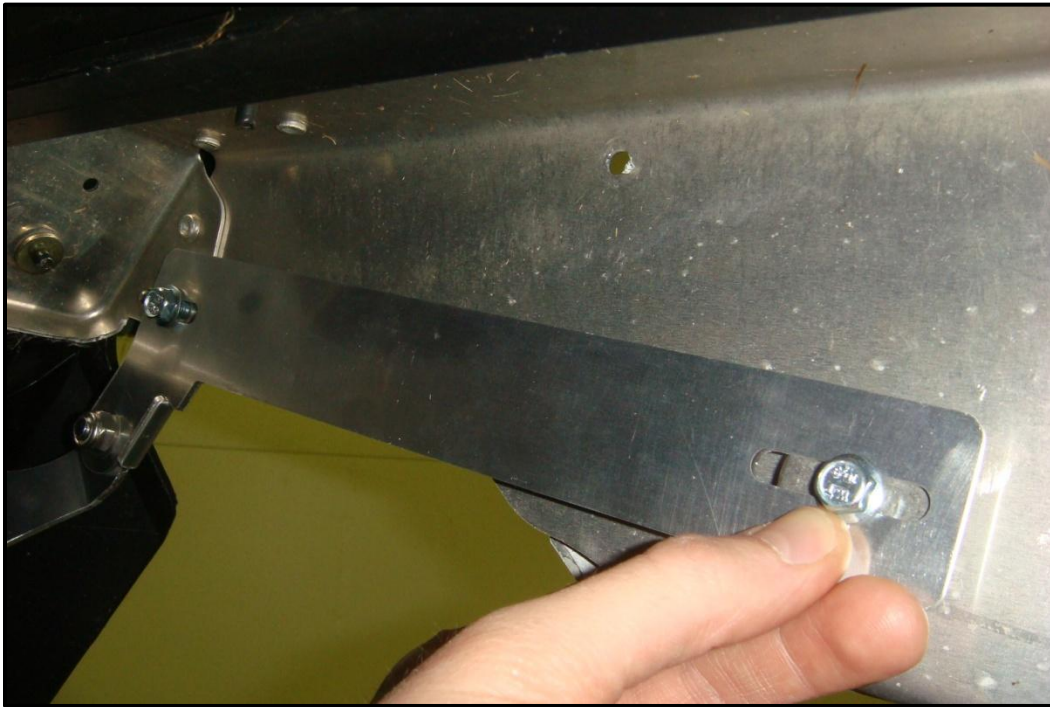


Figure 6 –Front mounting bolt (4), and spacer (5) being installed.

8. With the two mounting bolts (4) still loose, slide the mounting base (3) rearward until the bottom tab on the LH pivoting arm (1) just makes contact with the snow flap (Figure 7).

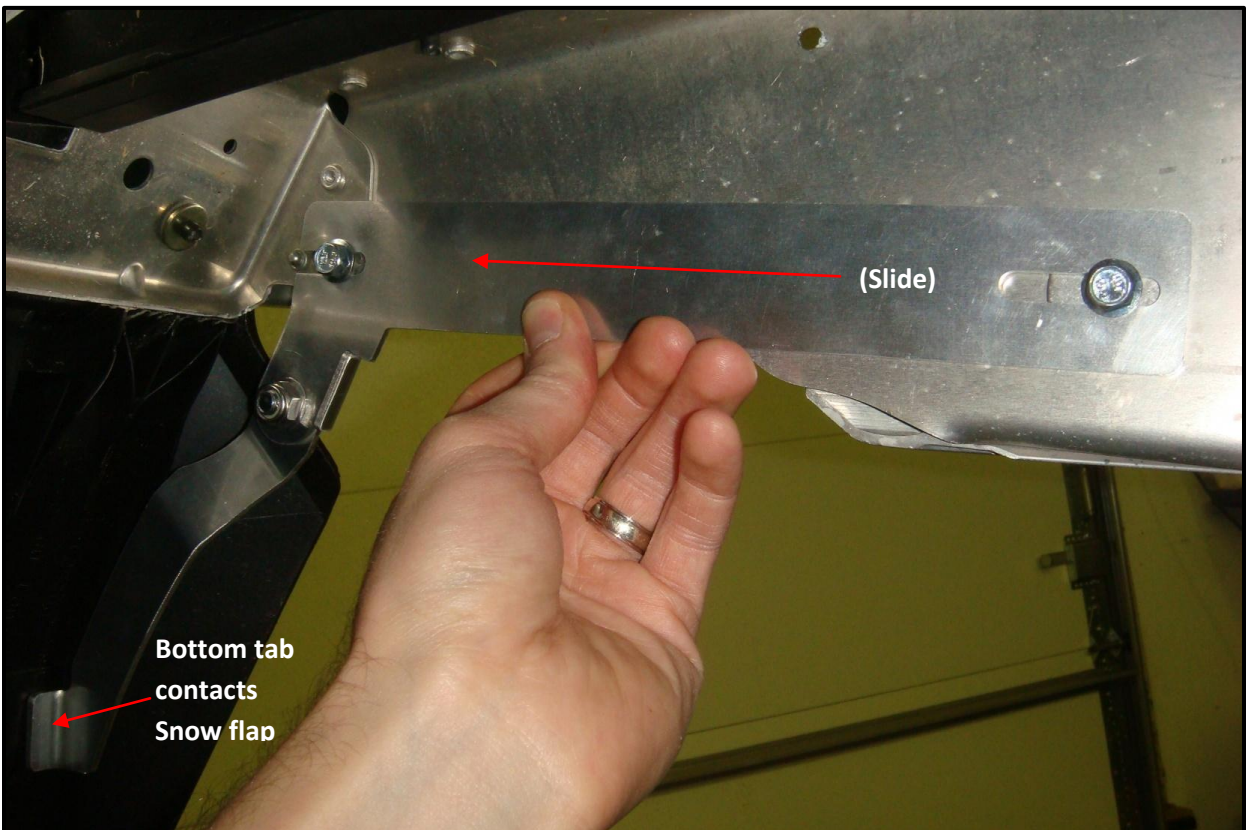


Figure 7 –Slide Snow Flap Saver Rearward until the pivoting arm (1) begins to makes contact with the snow flap.

9. With Snow Flap Saver in place, tighten both the front and rear mounting bolts (4) with the M10 wrench. Make sure that the rear handle end cap is pressed all the way into the end of the handle while tightening the front mounting bolt (4) (Figure 8).

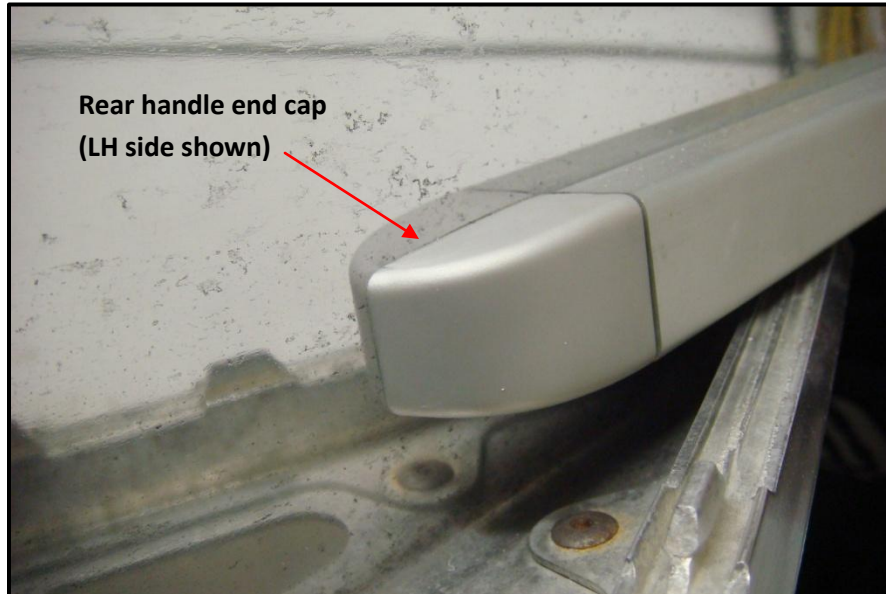


Figure 8 –Rear handle end cap-(shown on the exterior of the LH side of tunnel)

10. Repeat steps 1-9 for the RH side assembly. Figure 9 shows proper installation of both snow flap savers.



1. View of RH side of sled

2. View inside tunnel facing rearward

Figure 9 –Complete installation