



# KNIGHT RIDER RACKS

**2012-15  
ARCTIC CAT III**

## TOOLS REQUIRED

Electric Drill	Drill Bits (1/8, 13/64, 17/64, 21/64)
Pop Rivet Tool	Sockets ( 3/8, 7/16, 1/2, 5/8 )
Allen Wrench Set SAE	Wrenches ( 3/8, 7/16, 1/2, 5/8 )
#2 & #3 Phillips Screwdriver	Utility Knife
Hammer	Tape Measure
Center Punch	Loctite 243 (Blue)


PART NAME	ITEM #	PART #
Rear Wing	1	RW-XP-002
Top Mount Bracket	2	TMB-001
Support Bracket	3	TMB-001
Rear Bracket	4	RB-XP-002
Ratchet Strap	5	BS41A
Ladder Strap	6	B001
Breakaway Strap (2 Holes)	7	BS-001
Adapter Strap (4 Holes)	8	AS-001
Strap Bracket	9	SB-001
Front Inner Bracket	10	FLB
Front Outer Bracket	11	FBP
Plastic Spacer	12	FPS
Monkey Bar	13	MB-14



## HARDWARE INCLUDED

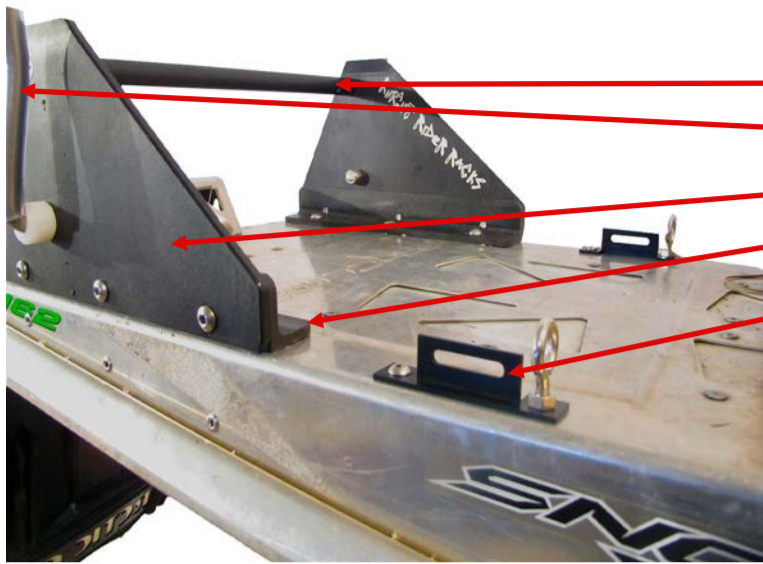
5/16" x 1" Flat Head S.S.	2	1/4" Washer S.S.	16
5/16" x 1/2" Flat Head S.S.	6	1/4" x 2" Eyebolt S.S.	4
5/16" Lock Nut	6	#10-24 x 3/4" Truss Head S.S.	6
5/16" Washer	6	#10-24 Lock Nut S.S.	6
1/4" x 3/4" Button Head S.S.	4	#10 Washer S.S.	6
1/4" x 1 3/4" Button Head S.S.	4	#68 x 1/8" - 1/4" Rivet	8
1/4" Lock Nut S.S.	12		

**TO VIEW THESE INSTRUCTIONS ONLINE AND TO SEE MORE PHOTOS, VISIT**

**WWW.KNIGHTRIDERRACKS.COM - "INSTALL" PAGE**

<b>FIGURE 1 REAR WINGS</b> 	Assemble the <b>Rear Wings(1)</b> , <b>Top Mount Brackets(2)</b> and <b>Monkey Bar(12)</b> as shown.
	Fasten the <b>Rear Wings</b> to the <b>Top Mount Brackets</b> using the 5/16"x1/2" flat head screws. <b>Use Loctite.</b>
	Fasten the <b>Monkey Bar</b> using the 5/16" x 1" flat head screws. <b>Use Loctite.</b>
<b>FIGURE 2 FRONT BRKT</b>	Use your board mounted in the <b>Rear Wing Assembly</b> to determine the best location for the <b>Front Bracket Assembly</b> . <b>Figure 4</b> Shows one option, however, depending on your board length and exact <b>Rear Wing</b> placement, this location may vary.
<b>FIGURE 5</b>	Mount the <b>Front Inner Bracket(9)</b> by drilling through the smaller hole on the top first. Ensure it is seated tight against the side of the tunnel. Install the rivet and drill the bigger hole. Install the eyebolt. Drill through the 2 side holes and install the plastic spacer and outside Bracket with the heads of the bolts on the inside of the tunnel. Use washers on both ends.
<b>FIGURE 1</b>	<b>Support Bracket</b> may be installed on top or underneath the tunnel depending on the year/model there may be interference from rivets underneath in which you may want to modify the brace. Drill through the holes into the side first and install the rivets. Drill the top holes and mount the <b>Rear Wings</b> using the 5/16" x 1" button head bolts. <b>NOTE: If mounted underneath, the top 3 holes may not quite line up.</b>

<b>FIGURE 2</b> 	Place the <b>Strap Bracket(7)</b> 2 1/2" from the front edge of the Rear Wing to the center of the bracket and near the edge of the tunnel. Mark the holes, center punch and drill to (17/64")
<b>FIGURE 2</b>	Install the Strap Bracket using the 1/4" S.S. Button head screws in the back hole and the 1/4" S.S. Eyebolt in the front hole as shown.
<b>FIGURE 3</b>	Install the <b>Adapter Strap(6)</b> by looping it through the Strap Bracket and attach the <b>Ratchet</b>
<b>ADPTR STRP</b>	<b>Strap(3)</b> using the #10 screws.
<b>FIGURE 3</b>	Mark the hole for the <b>Breakaway Strap(5)</b> in line with the ratchet strap just above the bumper
<b>BRKWY STRP</b>	Drill a hole (17/64") through the tunnel.
<b>FIGURE 3</b>	Install the <b>Ladder Strap(4)/Breakaway Strap</b> assembly using the 1/4" Button head screw, locknut and washer supplied.
	<b>Ladder Strap is inserted in the Ratchet strap, press the release button on the ratchet to remove.</b>
<b>CAUTION!!</b>	<b>Be sure to install the Breakaway Strap screw with the head on the inside of the tunnel</b>
	<b>and the nut and washer on the outside or you may do permanent damage to your tunnel.</b>
<b>FIGURE 4</b>	Loop the Bungee Cord around the Monkey bar, through the straps and hook into the eyebolts in te Front Bracket
<b>BUNGEE</b>	This will keep the straps from bouncing into the track when not in use. Keep the Bungie looped around the straps
<b>WTF????!!</b>	at all times even when there are boards in the racks.
	For assistance or replacement parts or just to complain call <b>1-250-939-9955</b> or e-mail <b>brian@knightriderracks.com</b>



**Figure 1**

- (13) Monkey Bar
- (4) Rear Bracket
- (1) Rear Wing
- (2) Top Mount Bracket
- (9) Strap Bracket

**Figure 2**

Use the most evil board you have to determine Placement of Wing and Front Bracket Assembly Clearance Required

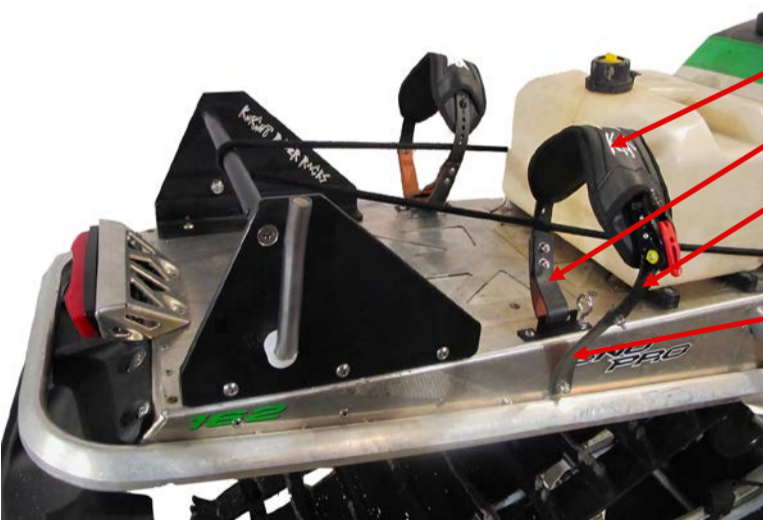
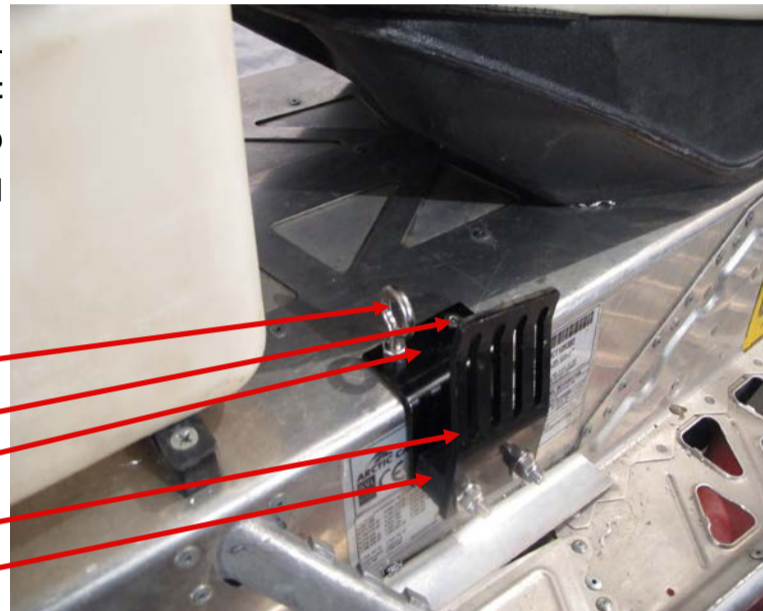


**Figure 3**

Support Bracket May be mounted on top or underneath the tunnel

**Figure 4**

- Eyebolt
- Rivet This Hole
- Inner Bracket
- Outer Bracket
- Plastic Spacer



**Figure 5**

- (5) Ratchet Strap
- (8) Adapter Strap
- (6) Ladder Strap
- (7) Breakaway Strap

**Figure 6**

Boards mounted tail forward Heel cups up.

