



# KNIGHT RIDER RACKS

**2005-2008  
ARCTIC CAT I**

## TOOLS REQUIRED

Electric Drill	Drill Bits (13/64, 17/64, 21/64, 25/64, 29/64)
Pop Rivet Tool	Sockets ( 3/8, 7/16, 1/2, 9/16, 5/8 )
Allen Wrench Set SAE	Wrenches ( 3/8, 7/16, 1/2, 9/16, 5/8 )
#2 Phillips Screwdriver	Tape Measure or Ruler
Hammer	Loctite 243 (Blue)
Center Punch	

PART NAME	ITEM #	PART #
Rear Wing	1	RW-REV-002
Rear Bracket	2	RB-REV-002
Ratchet Strap	3	BS41A
Ladder Strap	4	B001
Back Plate	5	BP-001
Breakaway Strap (2 Holes)	6	BS-001
Adapter Strap (4 Holes)	7	AS-001
Front Edge Guard	8	EG-001
Front Peg	9	FB-001
Monkey Bar	10	MB-16.75
Spacer Washer	11	SW-001



## HARDWARE INCLUDED

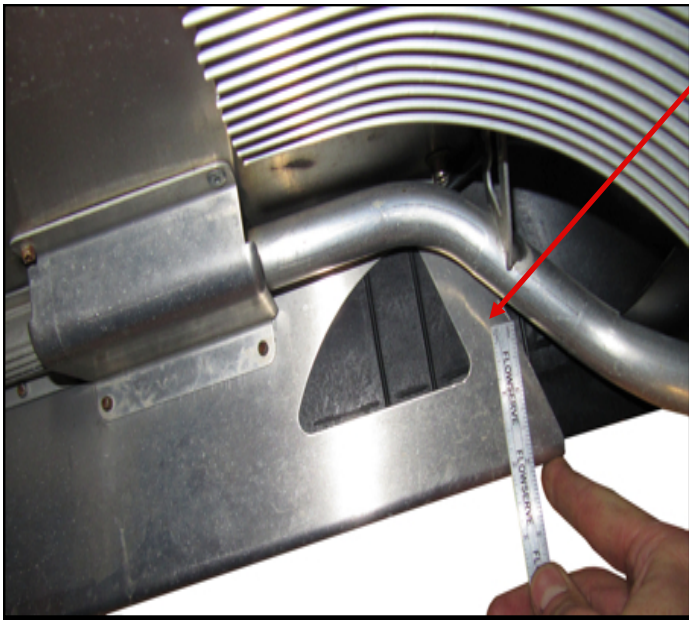
5/16" x 1" Flat Head S.S.	2	#10-32 x 3/4" Truss Head S.S.	6
5/16" x 1.25" Flat Head S.S.	2	#10-32 Lock Nut S.S.	6
5/16" Lock Nut	4	#10-32 Lock Nut S.S.	6
5/16" Washer	4	#10-32 Washer S.S.	6
1/4" x 3/4" Button Head S.S.	4	#68 x 1/4"- 3/8" Rivet	8
1/4" Lock Nut S.S.	2	1/2" Washer (Spacer Washer)	2
1/4" Washer S.S.	4	1/4" Eyebolt S.S.	2

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

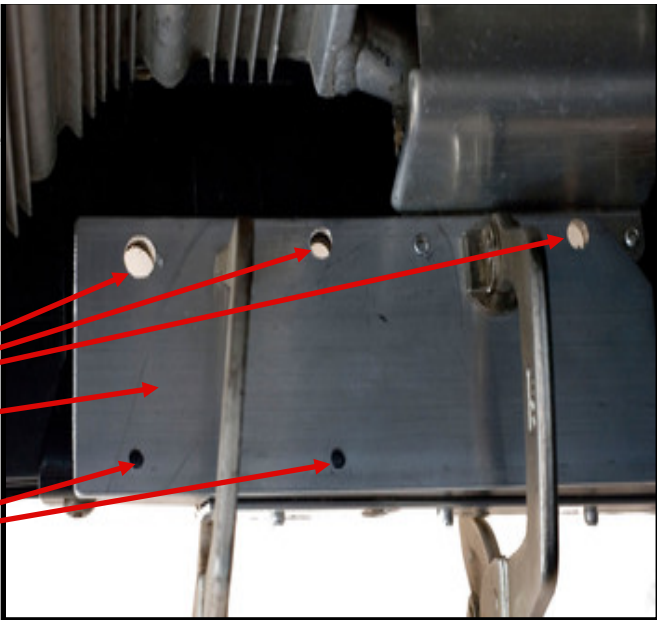
**WWW.KNIGHTRIDERRACKS.COM - "INSTALL" PAGE**

<b>FIGURE 1</b>	<p>On the inside of the tunnel at the back, on the narrow strip of aluminum, measure approx. 2" - 2 3/4" up from the bottom of the running board and make a mark in the middle of the narrow strip. <b>Be sure you are at least 5/8" from the coolant line!</b> Drill a pilot hole from the inside, then from the outside, drill to size (29/64"). <b>(The location of this hole will vary slightly from year to year, use your own discretion)</b> Clamp the <b>Rear Wing(1)</b> on the outside of the tunnel to line up the hole and install a 7/16" bolt or the <b>Rear Bracket (2)</b> to ensure the Rear wing doesn't move when drilling the other two holes.</p> <p>With the Rear wing clamped and straight, match drill the remaining two holes through the rear wing into the tunnel. Then remove the Rear Wing. The furthest hole to the front will be through plastic only. This is ok.</p>
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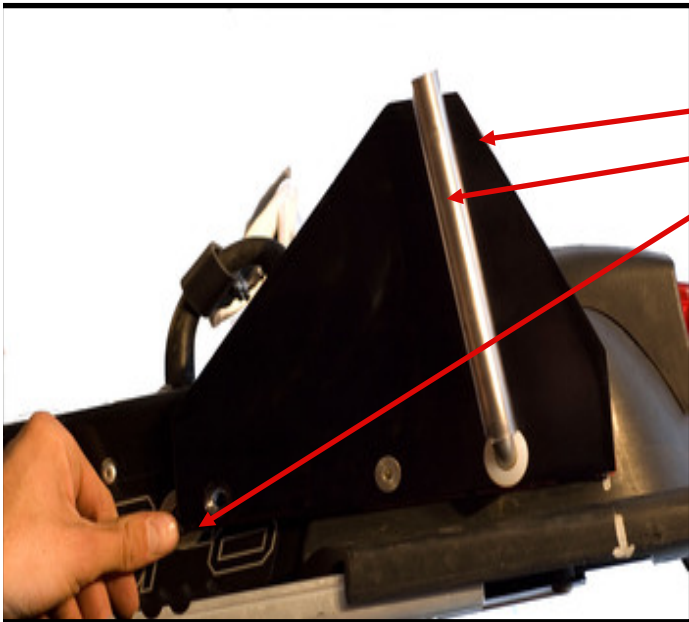
<b>FIGURE 2</b>	Set the <b>Back Plate(5)</b> into position inside the tunnel so the cut off corner is towards the front and the existing rivet pokes through the hole in the Back Plate. Clamp the Back Plate square with the tunnel and match drill the three holes through the tunnel from the outside into the Back Plate.
<b>FIGURE 3</b>	Install the Rear Wing assembly using the 5/16" flat head bolts. The hole furthest to the front requires a <b>Spacer Washer (11)</b> between the Rear Wing and the tunnel.
<b>FIGURE 2</b>	Drill through the two small holes in the bottom of the Back Plate into the tunnel and through 1 layer of plastic. <b>Do not drill right through.</b> Install pop rivets.
<b>FIGURE 4</b>	Install the <b>Adapter Strap(7)</b> by looping it through the Factory accessory Bracket (Furthest to the back) and attach the <b>Ratchet Strap(3)</b> using the #10 screws.
<b>FIGURE 4</b>	Mark the hole for the <b>Breakaway Strap(6)</b> in line with the ratchet strap as low as possible. Drill a hole ( <b>17/64"</b> ) through the tunnel. You will need to use a small pilot to get the hole as low as possible, then drill to size from the inside of the tunnel.
<b>FIGURE 4</b>	Install the <b>Ladder Strap(4)/Breakaway Strap</b> assembly using the 1/4" S.S. 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>Be sure to install the screw with the head on the inside of the tunnel and the washer on the strap side.</b>
<b>FIGURE 5</b>	Drill a hole <b>25/64"</b> on the running board <b>1 3/4"</b> from the side of the tunnel and <b>1 1/2"</b> in front of the crease in the running board. Before drilling, check underneath for abnormal surfaces that will impede the bolt head.
<b>FIGURE 5</b>	Install the <b>Front Peg(9)</b> finger tight.
<b>FIGURE 5</b>	Place the <b>Front Edge Guard(8)</b> in position so it is tight against the Front Peg, and mark the holes with a felt marker. Center punch and drill holes <b>13/64"</b> on the rail and install the Front Edge Guard using the rivets (short ones) provided.
	Install the <b>Front Peg(9)</b> using " <b>Loctite 243</b> " or other medium strength thread lock compound.
<b>FIGURE 5</b>	Install the <b>Monkey Bar(10)</b> using the 5/16" x 1 flat head bolts. Use Loctite.
<b>FIGURE 4</b>	Install the two left over eyebolts between the seat and the factory rack at least 1 1/2" from the side of the tunnel. Loop the <b>Bungie Cord</b> around the Monkey bar, through the straps and hook into the eye bolts. This will keep the straps from bouncing into the track when not in use.
<b>WTF????!!!</b>	For assistance or replacement parts or just to complain call <b>1-250-939-9955</b> or e-mail <b>brian@knightriderracks.com</b>



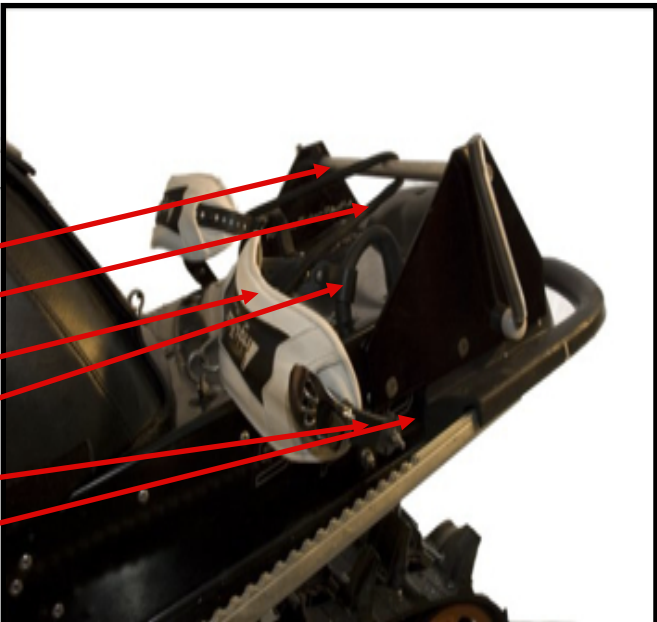
**Figure 1**  
 Pilot hole 2"- 2 3/4"  
 5/8" from coolant line



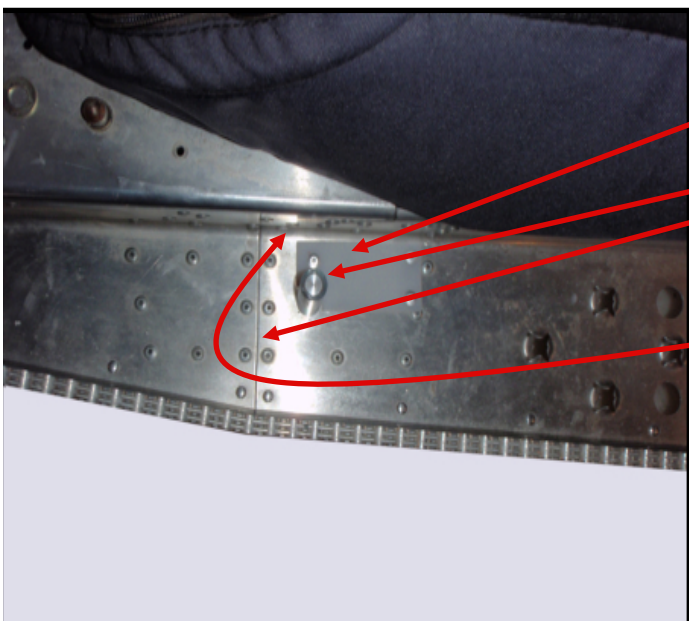
**Figure 2**  
 Match drill holes  
 Back Plate(5)  
 Drill through 1 layer  
 plastic and rivet



**Figure 3**  
 (1)Rear Wing  
 (2)Rear Bracket  
 (11)Spacer Washer



**Figure 4**  
 Monkey Bar  
 Bungie Cord  
 Ratchet Strap(3)  
 Adapter Strap(7)  
 Ladder Strap(4)  
 Breakaway Strap(6)



**Figure 5**  
 (8)Front Edge Guard  
 (9)Front Peg  
 1.5" From this crease  
 1.75" From side of  
 tunnel



**Figure 6**  
 Mount boards with  
 heel cups up and tail  
 forward.