



# KNIGHT RIDER RACKS

**Ski-Doo Rev OG  
2004-2007**

## TOOLS REQUIRED

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

PART NAME	ITEM #	PART #
Spacer Plate	1	SP-001
Rear Wing	2	RW-REV-002
Rear Bracket	3	RB-REV-002
Ratchet Strap	4	BS41A
Ladder Strap	5	B001
Strap Bracket	6	SB-001
Breakaway Strap (2 Holes)	7	BS-001
Adapter Strap (4 Holes)	8	AS-001
Front Edge Guard	9	EG-001
Front Peg	10	FB1-001
Monkey Bar	11	MB-17.12

## HARDWARE INCLUDED

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

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

**VISIT [WWW.KNIGHTRIDERRACKS.COM](http://WWW.KNIGHTRIDERRACKS.COM) - "INSTALL" PAGE**




**MODIFICATION: ONLY REQUIRED FOR '04-'06 - THE LARGE PLASTIC TAIL LIGHTS ARE INCOMPATIBLE WITH THIS RACK SYSTEM AND MUST BE REMOVED PRIOR TO INSTALLATION.**

### FIGURE 1

Clamp the **Spacer Plate(1)** to the side of the tunnel to line up with the back edge of the tunnel and resting on the top of the bumper so the larger hole is oriented towards the back and all three holes are oriented towards the bottom.

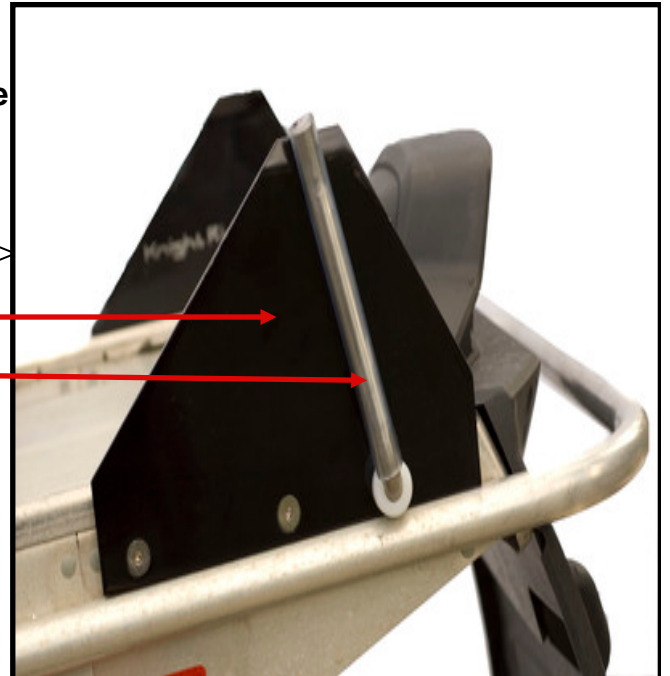


**You want the rear wing as far back as you can get it in order to maximize rack stability and foot room on the running boards.**

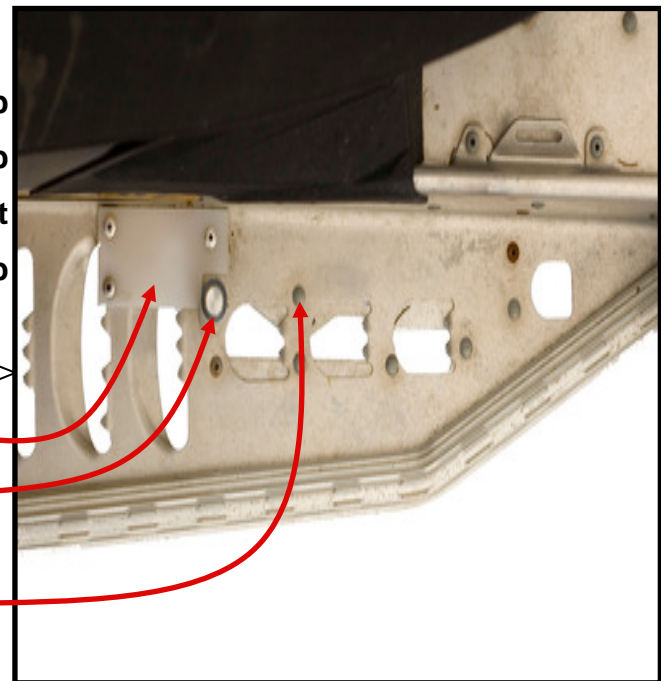
<b><u>STOP</u></b>	<b>Before drilling into your tunnel, make sure you're not drilling into anything you don't want a hole in, such as a heat exchanger, coolant lines, or existing rivets and bolts!!</b>
	Mark all three holes and remove the Spacer Plate. Drill the smaller holes <b>11/32"</b> and the larger hole <b>29/64"</b>
<b>FIGURE 2</b>	Install the <b>Rear Wing(2)</b> assembly using the <b>5/16"</b> flat head bolts supplied.
<b>FIGURE 2</b>	Install the <b>Rear Bracket(3)</b> .
<b>FIGURE 3</b>	Install the <b>Strap Bracket(6)</b> on the top of the tunnel about 2 1/2" from the front edge of the Rear Wing . The Strap Bracket supplied is not necessary if you have existing factory brackets. Typically on the '06 X package and most '07 models.
	Install the Strap Bracket using 1 Eyebolt and (1) 1/4"x 3/4" Button Head Screw. <b>If you are using the factory bracket, use a file to round off the sharp inside edge.</b>
<b>FIGURE 3</b>	Install the <b>Adapter Strap(8)</b> by looping it through the Strap Bracket and attach the <b>Ratchet Strap(4)</b> using the #10 hardware.
<b>FIGURE 3</b>	Grind out an existing rivet or drill a hole ( <b>17/64"</b> ) on the side of the tunnel directly in line with the strap bracket and about 1 1/2" from the bottom edge of the tunnel.
<b>FIGURE 3</b>	Install the <b>Ladder Strap(5)/Breakaway Strap(7)</b> assembly using the 1/4" Stainless Button head screw, lock nut and washer supplied.
	<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 4</b>	Drill a hole <b>25/64"</b> on the running board <b>1 3/4"</b> from the side of the tunnel. Before drilling, check underneath for abnormal surfaces that will impede the bolt head. (Front to back location will depend on your track size and the length of your snowboard. The peg should sit where the board begins to curve at the tail end). Install the Front Peg (10) finger tight. The existing rivets on the runners are a good location, grind them out & drill to size.
	<b>Ladder Strap is inserted in the Ratchet strap, press the release button on the ratchet to remove.</b>
<b>FIGURE 4</b>	Place the <b>Front Edge Guard(9)</b> in position so it is tight against the Front Peg, and mark the holes with a felt marker. Remove the Front Peg. Center punch and drill holes ( <b>13/64"</b> ) on the rail and install the Front Edge Guard using the rivets provided.
<b>FIGURE 4</b>	Install the <b>Front Peg(10)</b> using " <b>Loctite 243</b> " or other medium strength thread lock compound.
	Install the <b>Monkey Bar(11)</b> using the 5/16" x 1" flat head screws. <b>Use Loctite on these.</b>
	Install the two left over eyebolts approx. 2" back from the seat and 1" 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 call <b>1-939-9955</b> or e-mail <b>brian@knightriderracks.com</b>



**Figure 1**  
 (1) Spacer Plate  
**Figure 2**  
 Rear Wing(2)  
 Rear Bracket(3)



**Figure 3**  
 (4) Ratchet Strap  
 (8) Adapter Strap  
 (6) Strap Bracket  
 (5) Ladder Strap  
**Figure 4**  
 Front Edge Guard(9)  
 Front Peg(10)  
 For 151" track use this location for the peg.



**Figure 5**  
 (7) Breakaway Strap  
 Mount boards with tail forward and heel cups up.  
**Figure 6**  
 RIDE GANGSTA!

