



KNIGHT RIDER RACKS

**2007-2015
Polaris RMK/Dragon**

TOOLS REQUIRED

Electric Drill	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 or Ruler
Center Punch	Loctite 243 (Blue)
Drill Bits (17/64")	

PART NAME	ITEM #	PART #
Top Mount Bracket	1	TMB-001
Rear Wing	2	RW-SM-002
Rear Bracket	3	RB-SM-002
Ratchet Strap	4	BS41A
Ladder Strap	5	B001
Strap Bracket	6	BP-001
Breakaway Strap (2 holes)	7	BS-001
Adapter Strap (4 holes)	8	AS-001
Front Inner Bracket	9	FIBPOL
Plastic Spacer	10	PSPOL
Front Outer Bracket	11	FOBPOL
Monkey Bar	12	MB-14.4"

HARDWARE INCLUDED

5/16"x1" Flat Head Bolt	2	1/4" Washer S.S.	24
5/16"x1/2" Flat Head Bolt	6	#10-32 x 3/4" Truss Head S.S.	6
1/4" x 3/4" Carriage Bolt	14	#10-32 Lock Nut S.S.	6
1/4" x 3/4" Button Head S.S.	2	#10-32 Washer S.S.	6
1/4" x 1 3/4" Button Head S.S.	4	1/4" Rubber Washer	8
1/4" Lock Nut	20		

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

WWW.KNIGHTRIDERRACKS.COM - "INSTALL" PAGE



Modifications: Switchback models may require modification or removal of the tail light for optimal positioning of the rear wing assembly. Any accessories that utilize the factory rail system on the back of the tunnel may need to be moved and may or may not be compatible.

Remove the rear seat mount nuts and jerry can rack, if installed.

FIGURE 1 Install the 1/4" carriage bolts into the factory rails on the top of the tunnel behind the seat - 7 on each side.

FIGURE 2-4 Assemble the **Rear Wings(2), Top Mount Brackets(1) and Monkey Bar(12)** as shown.

Fasten the Rear Wings to the Top Mount Brackets using the 5/16"x1/2" flat head bolts.

Use Loctite.


FIGURE 2-4	Fasten the Monkey Bar using the 5/16" x 1" flat head bolts. Use Loctite.
FIGURE 2-4	Install the Rear Brackets(3) .
FIGURE 2-4	Mount the Rear Wing Assembly on the tunnel, with the carriage bolts loose.
FIGURE 3 STRAP BRKT	Install the rubber washers on the remaining 8 carriage bolts and loosely install the Strap Brackets(6) about 2 3/4" from the front edge of the Rear Wing to the center of the Strap Bracket.
FIGURE 4 FRONT BRKT 	Observe the RIGHT and LEFT configuration of the Front Inner Brackets (9). With the board inserted decide the location of the Front Bracket using your snowboard to ensure your edges have at least 3/8"-1/2" clearance from the running board brace. Bolt the Front Inner Bracket to the factory rail slots (Optional for extra rigidity) Match drill the 2 holes into the side of the tunnel. Install the Front Outer Bracket with Plastic Spacer Sandwiched as shown. Bolt heads must be on the inside. Cut any excess length off the bolts and grind smooth.
FIGURE 3	Install the Adapter Straps(8) by looping them through the Strap Brackets and attaching the Ratchet Straps(4) using the #10 screws.
	Tighten down the Rear Wing Assembly, ensuring it is even on both sides. Do not over tighten!
FIGURE 3	Position the Strap Brackets about 2 3/4" from the front edge of the Rear Wing to the center of the bracket and tighten. Do not over tighten!
FIGURE 3	Place the Breakaway Strap(7) directly in line with the center of the Strap Bracket about 3/8" below the heat exchanger. Check for any existing factory rivets in this location that you could drill out, if none, mark the hole and drill 17/64" . It doesn't have to be exactly centered.
FIGURE 3	Install the Ladder Strap(5)/Breakaway Strap assembly using the 1/4" x 3/4" stainless button head screw with the head on the inside of the tunnel and washer on the outside DO NOT PUT THE NUTS ON THE INSIDE OF THE TUNNEL, THIS MAY RESULT IN SERIOUS DAMAGE TO YOUR TRACK AND TUNNEL!
FIGURE 5	Hook Bungee Cord to seat posts and loop through the ratchet straps and Monkey bar. This keeps the straps from bouncing into the track when not in use.
WTF????	For assistance or replacement parts or just to complain call 1-250-939-9955 or e-mail brian@knightriderracks.com



Figure 1
 Carriage Bolts
 (7 each side, 2 between seat &
 seat mount brackets)

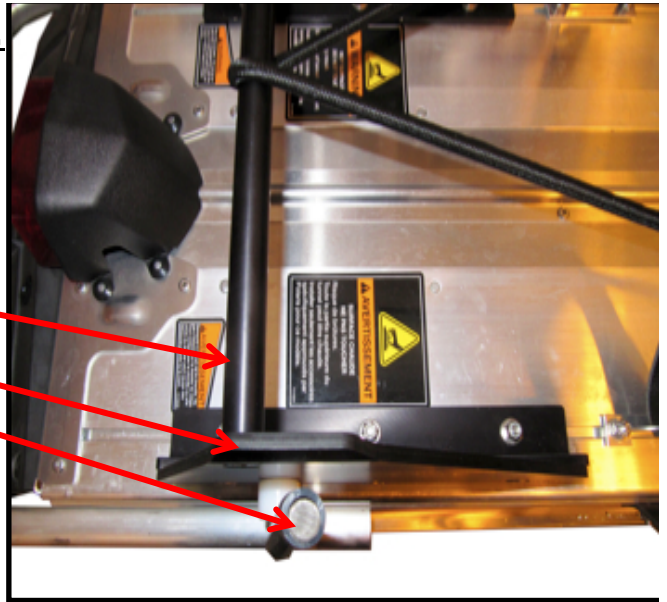


Figure 2
 Monkey Bar(12)
 Rear Wing(2)
 Rear Bracket(3)

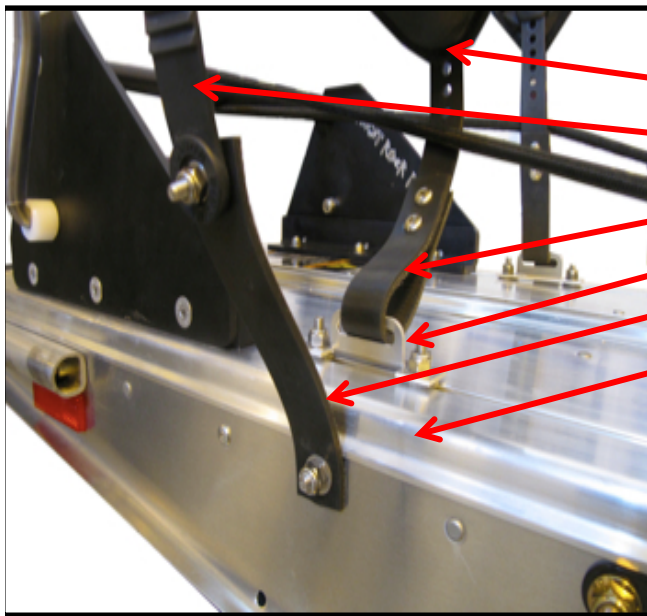


Figure 3
 (4)Ratchet Strap
 (5)Ladder Strap
 (8)Adapter Strap
 (6)Strap Bracket
 (7)Breakaway Strap
 Heat Exchanger

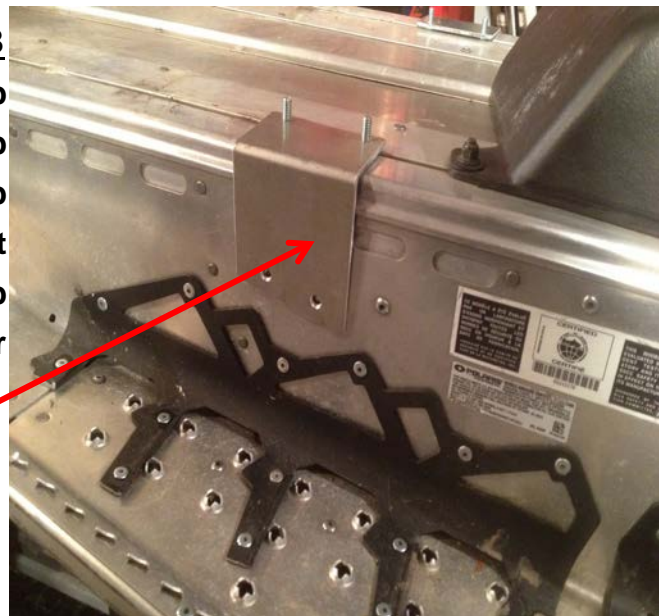


Figure 4
 Front Inner Bracket(9)

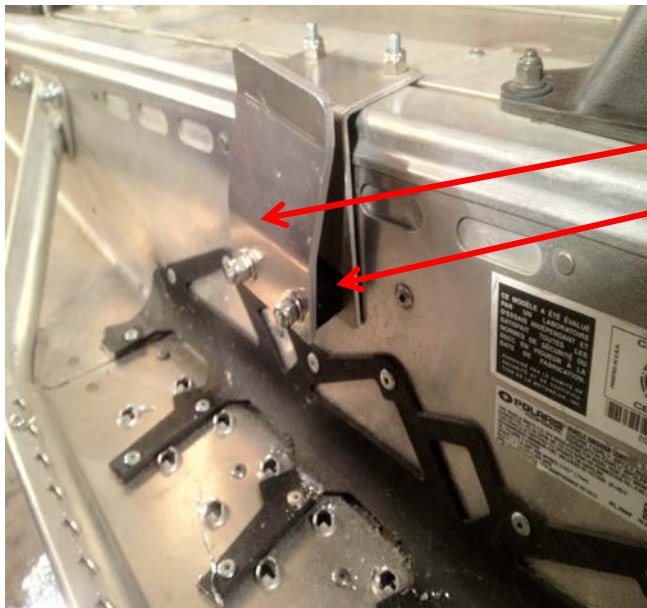


Figure 5
 Front Bracket Ass. (10)
 Front Outer Bracket (11)
 Plastic Spacer (10)

Figure 6
 Mount with tail forward
 and heel cups up.

Use Bungee cord to keep
 straps in when not in use.

