



## 2013 Polaris Ranger 900 XP Nerf Bars Installation Instructions

- Safety Glasses
- Jack / Jack Stands
- Standard Wrenches & Sockets
- Drill & Assorted Drill Bits
- Jig Saw
- Torque Wrench



Before beginning the installation, thoroughly & completely read these instructions. Please refer to the Parts List to insure that all parts & hardware are received prior to the disassembly of the vehicle.

### Component Box Breakdown:

#### Part #: NBP103

Item #	Description	Qty	Item #	Description	Qty
P13NB-L	13 POL RGR XP LFT BAR	1	HB-NBP103	HDWR BG: NBP103 NERF BAR	1
P13NB-R	13 POL RGR XP RGT BAR	1	I-NBP103	INST SHEET: NBP103	1

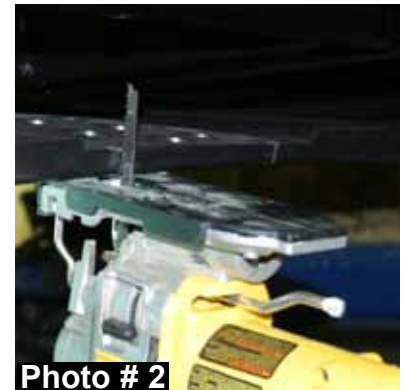
### Hardware Bag Breakdown:

#### Part # HB-NBP103

Item #	Description	Qty	Item #	Description	Qty
516X1FTB	5/16 X 1 FINE THREAD BOLT	4	516X34TCFB	5/16 X 3/4 THRD CUT FLG BOLT	2
516SAEW	5/16 SAE WASHER	8	38X1TCFB	3/8 X 1 THRD CUT FLG BOLT	6
516FTN	5/16 FINE THREAD LOCK NUT	4			

## **Installation:**

1. With the vehicle on flat level ground, set the emergency brake, & block the front & rear tires / wheels.
2. Align the new Skyjacker nerf bar with the front & rear fender wells & support the new nerf bar using jacks / jack stands.
3. Align the mounting brackets of the new Skyjacker nerf bar with the OEM holes located on the frame rail of the vehicle.
4. Mark a line on the OEM skid plate around the rear mounting bracket of the new Skyjacker nerf bar. (See Photo # 1)
5. Remove the outer OEM skid plate hardware & lower the OEM skid plate in order to cut along the previously drawn line using a jig saw or similar tool. (See Photo # 2)
6. Once the OEM skid plate has been cut, reattach the OEM skid plate using the OEM hardware.
7. Drill the two upper rear OEM frame rail mounting locations using a 5/16" drill bit & install the supplied 3/8" x 1" thread cutting bolts using a 9/16" socket. (See Photo # 3)
8. Remove the previously installed 3/8" x 1" thread cutting bolts & attach the new Skyjacker nerf bar to the front upper frame rail using the supplied 5/16" x 1" bolts, washers, nuts, & a 1/2" socket. **Note:** Do not completely tighten at this time.
9. Attach the new Skyjacker nerf bar to the rear upper frame rail using the previously removed 3/8" x 1" thread cutting bolts & a 9/16" socket. **Note:** Do not completely tighten at this time. (See Photo # 4)
10. Slightly drill the rear lower mounting location of the new Skyjacker nerf bar to create a pilot mark using a 3/8" drill bit. **Note:** Only create a pilot mark, **do not** completely drill this mounting location at this time.
11. Drill the previously pilot marked rear lower mounting location of the new Skyjacker nerf bar using a 5/16" drill bit. **Note:** Be extremely careful not to drill through the floor of the vehicle. (See Photo # 5)



12. Once drilled, attach the new Skyjacker nerf bar to the rear lower frame rail of the vehicle using the supplied 3/8" x 1" thread cutting bolts & a 9/16" socket. (See Photo # 6)
13. Slightly drill the front lower mounting location of the new Skyjacker nerf bar to create a pilot mark using a 5/16" drill bit. **Note:** Only create a pilot mark, **do not** completely drill this mounting location at this time.
14. Drill the previously pilot marked front lower mounting location of the new Skyjacker nerf bar using a 1/4" drill bit. (See Photo # 7)
15. Once drilled, attach the new Skyjacker nerf bar to the front lower frame rail of the vehicle using the supplied 5/16" x 3/4" thread cutting bolts & a 1/2" socket. (See Photo # 8)
16. Completely tighten all mounting hardware at this time using a 1/2" & 9/16" socket.
17. Remove the jacks / jack stands.
18. Complete Steps # 2 thru # 17 for the opposite side of the vehicle.
19. Unblock the front & rear tires / wheels & release the emergency brake.



**Photo # 6**



**Photo # 7**



**Photo # 8**

### **Final Notes:**

- After the installation is complete, double check that all nuts & bolts are tight. Refer to the following chart for the proper torque specifications. (Do not retighten any nuts & bolts where thread lock compound was used.)
- After the first 100 miles, check all hardware for the proper torque & periodically thereafter.

### **TORQUE SPECIFICATIONS**

<b><u>INCH SYSTEM</u></b>			<b><u>METRIC SYSTEM</u></b>		
<b>Bolt Size</b>	<b>Grade 5</b>	<b>Grade 8</b>	<b>Bolt Size</b>	<b>Class 8.8</b>	<b>Class 10.9</b>
5/16	15 FT LB	20 FT LB	6MM	5 FT LB	9 FT LB
3/8	30 FT LB	35 FT LB	8MM	18 FT LB	23 FT LB
7/16	45 FT LB	60 FT LB	10MM	32 FT LB	45 FT LB
1/2	65 FT LB	90 FT LB	12MM	55 FT LB	75 FT LB
9/16	95 FT LB	130 FTLB	14MM	85 FT LB	120 FT LB
5/8	135 FT LB	175 FT LB	16MM	130 FT LB	165 FT LB
3/4	185 FT LB	280 FT LB	18MM	170 FT LB	240 FT LB

- The above specifications are not to be used when the bolt is being installed with a bushing.