

MOUNT KIT

16067720

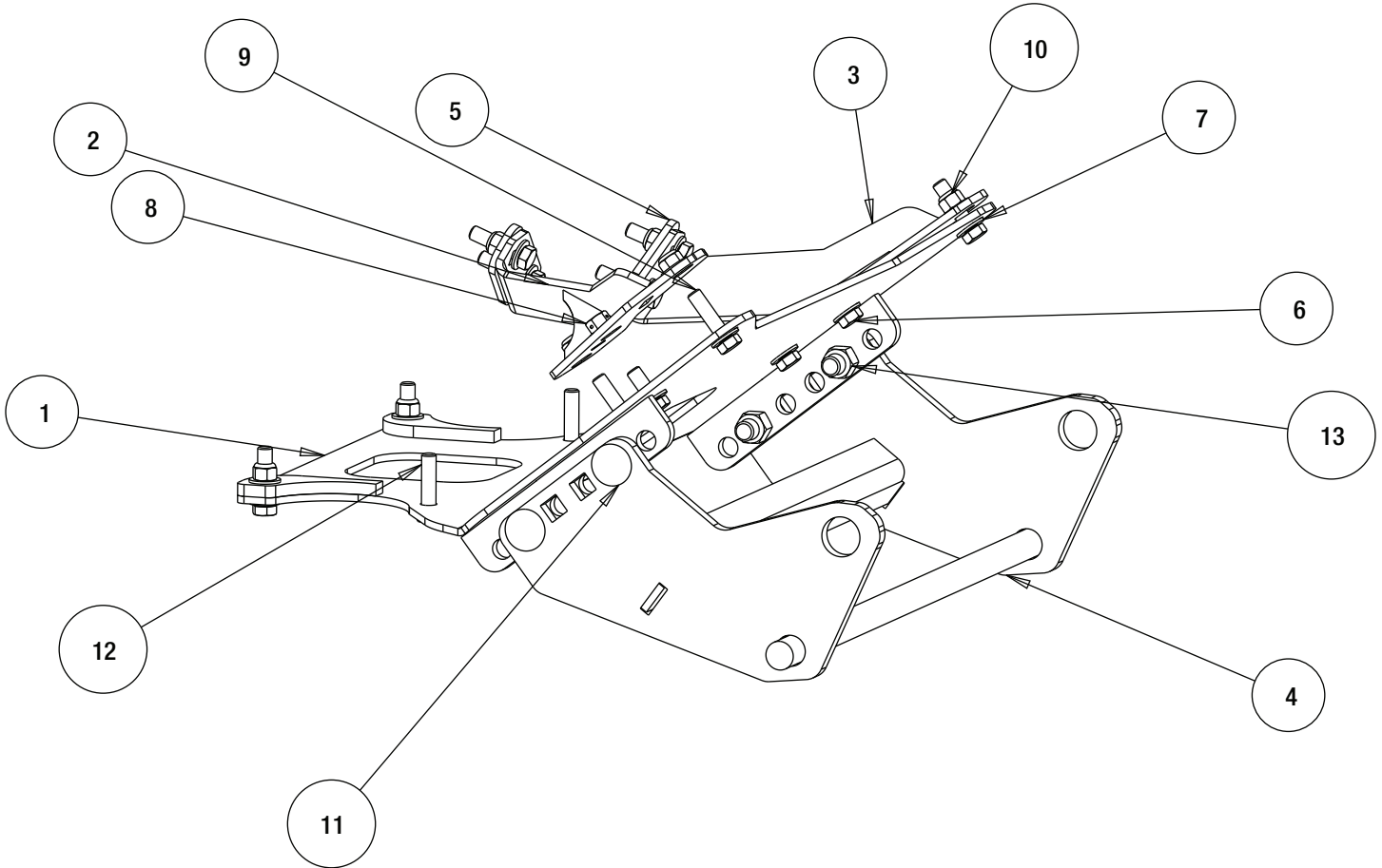
2012+ POLARIS RANGER XP900



SnowDogg® Snowplow

TRUCK MOUNT

INSTALLATION MANUAL



Parts List

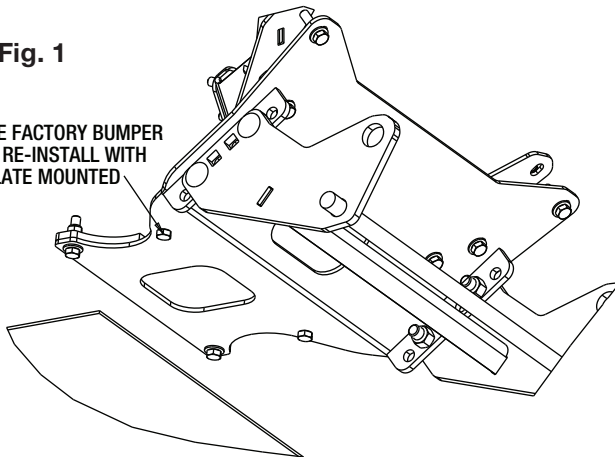
ITEM	PART NO.	QTY.	DESCRIPTION
1	16067722	1	SKID PLATE, ASY, POLARIS 13+
2	3031012	1	STIFFENER, PS, WELDMENT
3	3031014	1	STIFFENER, DS, WELDMENT
4	16067721	1	PUSH BAR, ASY, POLARIS 13+
5	3031019	2	BACKER PLATE, POLARIS
6	FCS038016100	2	SCREW, HHC 3/8-16 X 1 GR 5 ZP
7	FWF038081006	24	WASHER, FLAT 3/8 SAE ZINC
8	3018216	2	NUT, HEX, 3/8-16, CENTER LOCK, ZP
9	FCS038016150	10	SCREW, HX HD CAP 3/8-16 X 1-1/2 G5 ZN
10	FNE038016044	10	NUT, NYLOCK 3/8-16 X 7/16 ZINC
11	3029357	4	BOLT, CARRIAGE 1/2-13 X 1.75 GR8 ZN
12	EXIST_BOLT	2	SCREW, HX HD CAP 3/8-16 X 1-1/2 G5 ZN
13	3002397	4	LOCKNUT, HEX NYLOCK, 1/2-13 ZN, G8

INSTRUCTIONS

1. Remove two bolts from the vehicle Front Bumper on the bottom side.

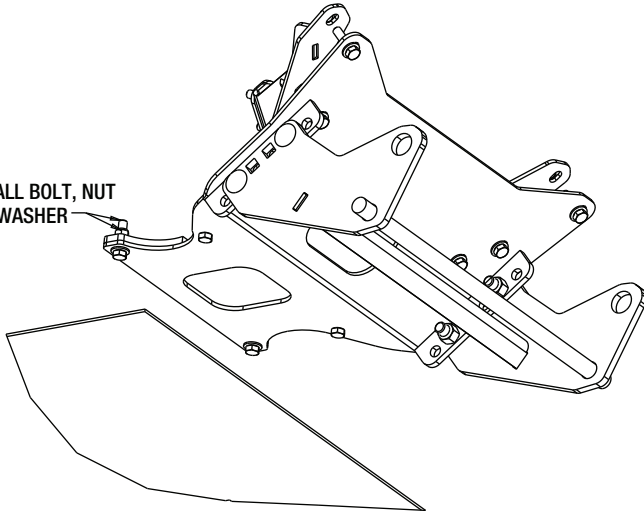
Fig. 1

REMOVE FACTORY BUMPER BOLT & RE-INSTALL WITH SKID PLATE MOUNTED

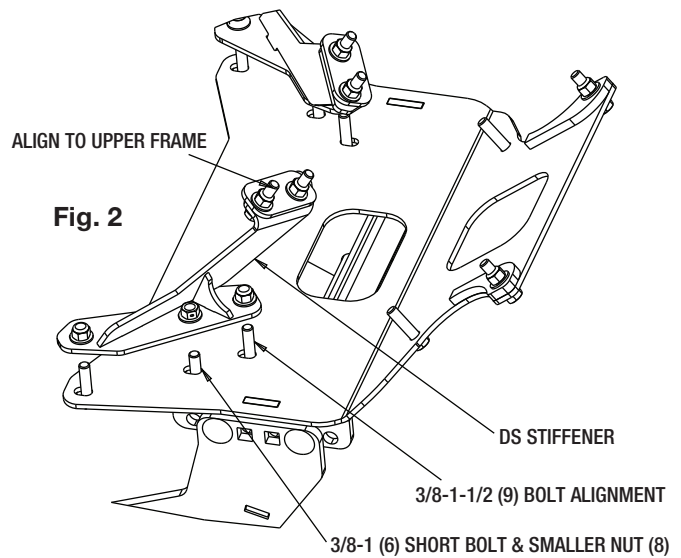


2. Align the Skid Plate bracket with the Front Bumper holes. Secure the Skid Plate bracket with provided bolts (9) and nuts (10).

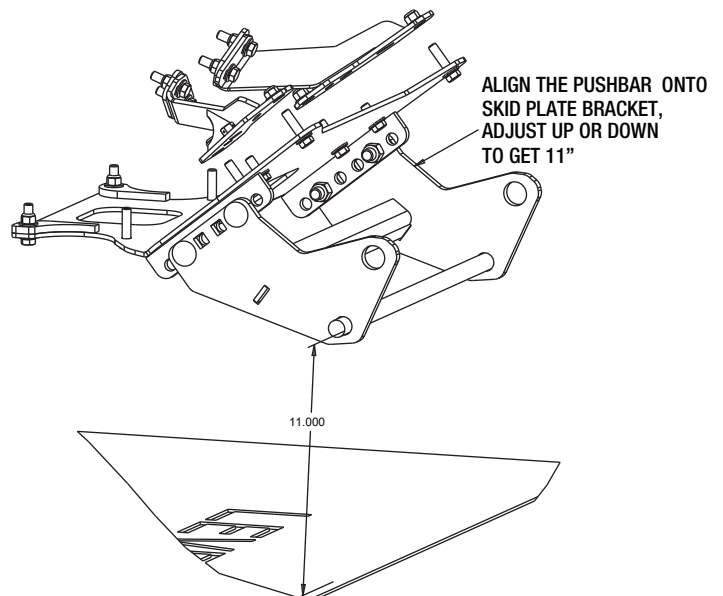
INSTALL BOLT, NUT AND WASHER






3. Align Driver Side Stiffener (3) plate onto the Skid Plate. Secure it with two 3/8 x 1.5 bolts (9) & one 3/8 x 1.0 bolt (6) and lock nuts (10).



4. Secure the DS Side Stiffener (3) to the upper frame of the truck with one backer plate (5), two 3/8 bolts (9), two nuts (10), & two flat washers (7).
 5. Repeat step #3-4 for the passenger side (2).
 6. Attach the Pushbar bracket to the Skid Plate and adjust it to a desired height of 11" from the floor. Secure with four carriage bolts (11) and four nuts (13).



7. Torque all fasteners as shown in the chart. Check and re-torque all fasteners after 5 hours of usage to ensure safe plow operation.
 8. It may be helpful to route the plow and light control harnesses at this point, prior to bumper reinstallation.

Recommended Fastener Torque Chart (ft.-lb.)			
Size	 SAE Grade 2	 SAE Grade 5	 SAE Grade 8
1/4-20	6	9	13
5/16-18	11	18	28
3/8-16	19	31	46
3/8-24	24	46	68
7/16-14	30	50	75
1/2-13	45	75	115
9/16-12	66	110	165
5/8-11	93	150	225
3/4-10	150	250	370
7/8-9	150	378	591
1-8	220	583	893
Metric Grade 8.8 (ft.-lb.)			
Size	Torque	Size	Torque
M6	7	M12	60
M8	17	M14	95
M10	35	M16	155
These torque values apply to fasteners except those noted in the instruction.			

WARNING

- DO NOT under any circumstances disable, remove or relocate any sensors or components related to the operation of the air bags.
- Always follow the vehicle manufacturers' recommendations relating to snowplow installation.
- To comply with Federal Regulations and to assure a safe vehicle, the Front Gross Axle Weight Rating (FGAWR), Rear Gross Axle Weight Rating (RGAWR), and the Gross Vehicle Weight Rating (GAWR) must not be exceeded at any time.
- Due to the variety of equipment that can be installed on this vehicle, it is necessary to verify that the Front Gross Axle Weight Rating (FGAWR), Rear Gross Axle Weight Rating (RGAWR), and the Gross Vehicle Weight Rating (GAWR) are not exceeded at any time. This may require weighing the vehicle and adding ballast as necessary. It may also limit payload capacity of the vehicle. It is the operator's responsibility to verify that these ratings are not exceeded.

CAUTION

- Read all instructions prior to assembly
- It is critical that all fasteners be properly torqued for safe plow operation – see chart above.
- Fasteners should be retorqued after 5-8 hours of plow use

FULL ONE-YEAR WARRANTY

Manufacturer will repair, or at manufacturer's discretion will replace any part of this snowplow which proves to be defective in workmanship or material under normal use for a period of one year from the date of delivery to the original purchaser. Any cost incurred in returning the product to the supplier is the responsibility of the consumer.

EXCLUSIONS

Manufacturer shall not be liable for special, incidental, or consequential damages, or for damages resulting from lack of necessary maintenance, from misuse, abuse, acts of God, or alteration of the product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.