

MOUNT PLATE FOR "GLACIER PRO ATV" PLOW FRAME KIT

P/N 2879633

POLARIS

ENGINEERED PARTS
ACCESSORIES & APPAREL

Application

ALL SPORTSMAN 400 MODELS, 2011-2014

ALL SPORTSMAN 500/600/700/800 MODELS, 2011-2014

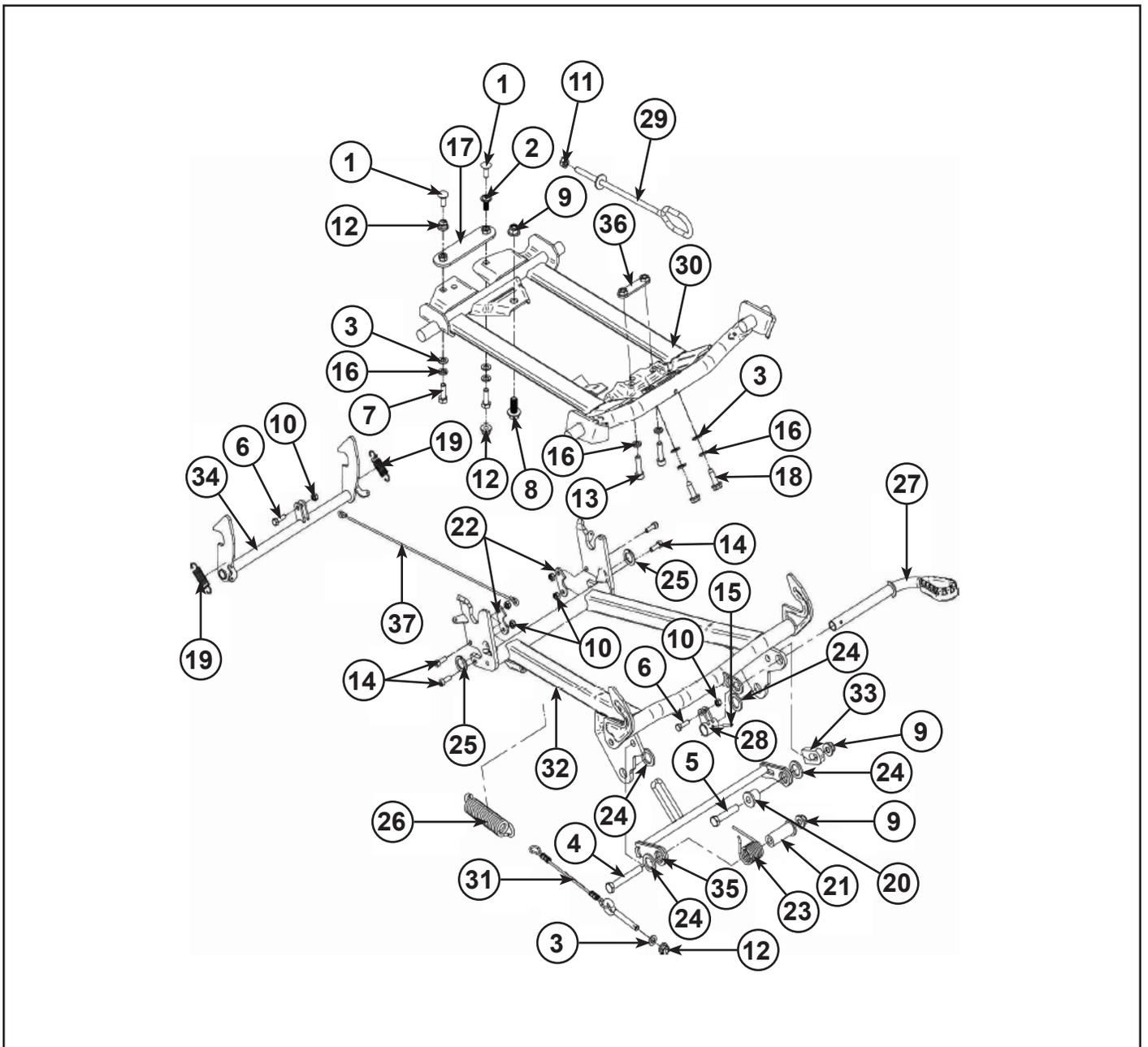
ALL SPORTSMAN TOURING 500/800 MODELS, 2011-2014

ALL SPORTSMAN BIG BOSS MODELS, 2011-2014

ALL SPORTSMAN X2 500/800 MODELS, 2011-2014

ALL SPORTSMAN 570 AND SPORTSMAN TOURING 570, 2013-2014

Before you begin, read these instructions and check to be sure all parts and tools are accounted for. Please retain these installation instructions for future reference and parts ordering information.



Kit Contents:

<u>Ref</u>	<u>Qty</u>	<u>Part Description</u>	<u>Part Number</u>
1	2	M8-1.25 x 20 mm Carriage Bolt	-
2	1	M8-1.25 x 20 mm Flange Button Head Cap Screw	-
3	5	M8 Flat Washer	-
4	1	M10-1.5 x 70 mm Hexagonal Bolt	-
5	1	M10-1.5 x 50 mm Hexagonal Bolt	-
6	2	M6-1.0 x 20 mm Hexagonal Bolt	-
7	2	M8-1.25 x 25 mm Hexagonal Bolt	-
8	1	M10-1.5 x 25 mm Hexagonal Flange Bolt	-
9	3	M10-1.5 Hexagonal Flange Nylon Nut	-
10	6	M6-1.0 Hexagonal Nylon Nut	-
11	1	M8-1.25 Hexagonal Nylon Nut	-
12	3	M8-1.25 Hexagonal Flange Nylon Nut	-
13	2	M8-1.25 x 30 mm Socket Head Cap Screw	-
14	4	M6-1 x 18 mm Allen Socket Machine Screw	-
15	1	Spiral Pin, Ø4 x 22 mm	-
16	6	M8 Spring Lock Washer	-
17	1	Clamping Bar	-
18	2	5/16"-18 x 1 Self-Tapping Bolt	-
19	2	Tension Spring, Short	-
20	1	Short Flange Bushing	-
21	1	Long Flange Bushing	-
22	2	Half Lock	-
23	1	Torsion Spring	-
24	4	Plastic Washer	-
25	2	Spacer	-
26	1	Tension Spring, Long	-
27	1	Welded Pedal	-
28	1	Pedal Link	-
29	1	Winch Link	-
30	1	Mount Plate	-
31	1	Adjustment Wire	-
32	1	Fixation Frame	-
33	1	Height Stopper	-
34	1	Rear Hook	-
35	1	Height Locking Lever	-
36	1	Fixation Plate	-
37	1	Link Rod	-
	1	Instructions	9924937

See last page for service parts list.

Tools Required:

Metric Socket Set, Standard Socket Set,
5 mm Allen Wrench, Long Nose Pliers.

APPROXIMATE ASSEMBLY TIME: 40 minutes

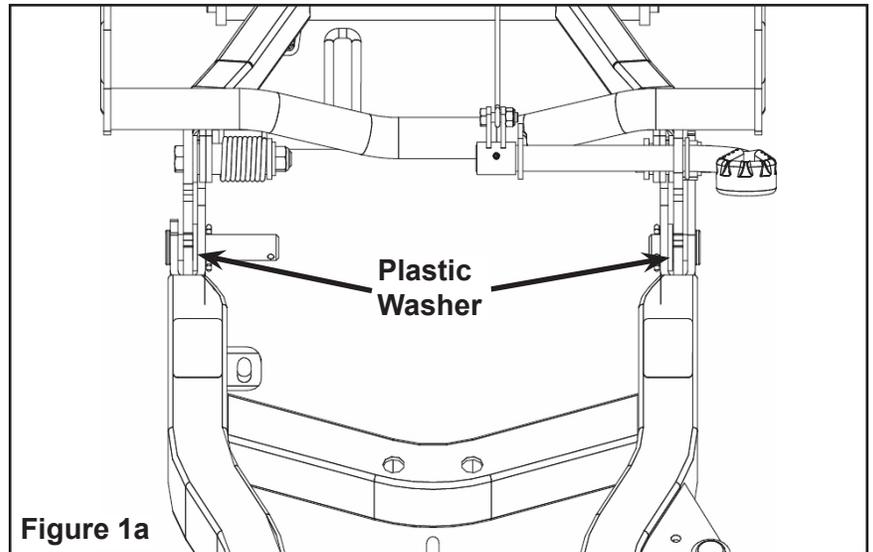
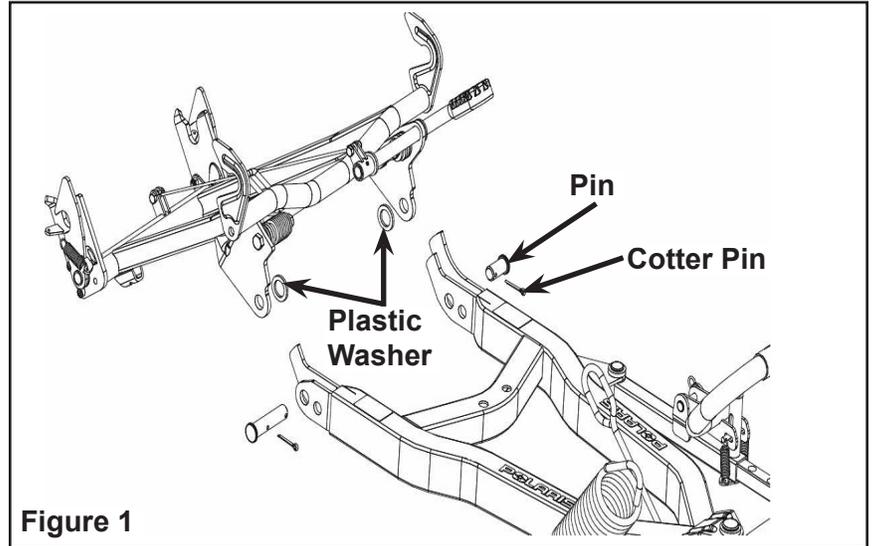
IMPORTANT: Polaris winch must be installed first. It is strongly suggested that your ATV suspension setup is at the stiffest rating for the front suspension.

WINCH LINK ASSEMBLY:

1. Refer to the Pushframe (PN 2879630) installation guide.

HOOK-UP ASSEMBLY:

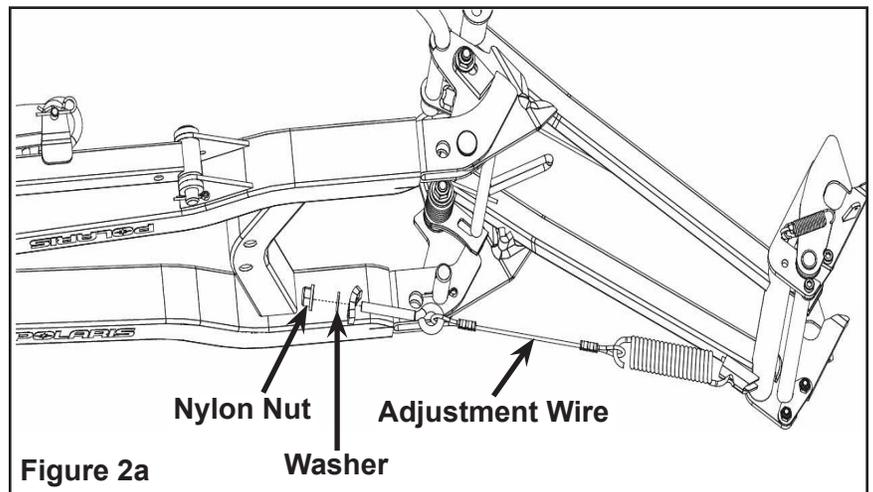
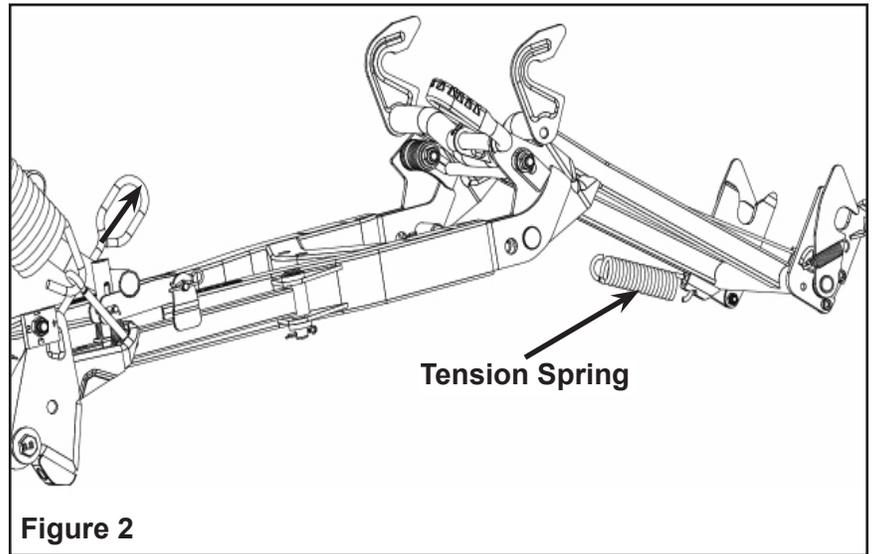
2. Assemble the hook up assembly to the pushframe (PN 2879630) using two pins and two cotter pins supplied in the pushframe kit. Insert one plastic washer between the hook up and the frame on each side. Figure 1 and Figure 1a.



3. Place the tension spring in the hook up. Insert the adjustment wire in the open end of the spring then insert the eyebolt in the eyelet of the pushframe and fasten using one nylon nut and one M8 washer. Figure 2 and Figure 2a.

IMPORTANT: Fully tighten the eyebolt using a screwdriver to retain the eyebolt from rotating in order to avoid twisting the steel cable.

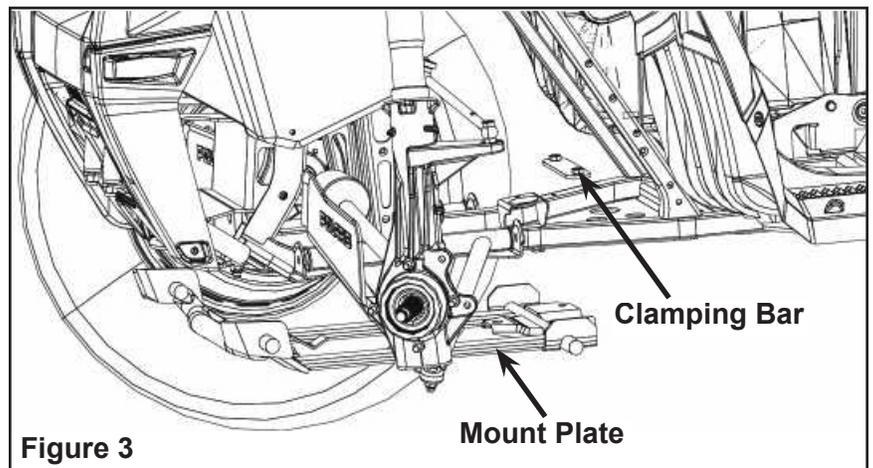
NOTE: Refer to pushframe instruction for height adjustment of the assembly.



MOUNT PLATE INSTALLATION:

4. Position the mount plate under the vehicle and the clamping bar over the skid plate. Figure 3.

NOTE: The next step requires only finger tightening in order to properly seat the mount plate on the ATV before final tightening.



- Fasten the front section of the mount plate using 5/16"-18 x 1 self-tapping bolts, spring lock washers and M8 flat washers. Fasten the middle section to the fixation plate using M8-1.25 x mm socket head cap screws and spring lock washers. Fasten the middle-rear section using M10-1.5 x mm hex. flange bolt with hex. flange nylon nut. Fasten the rear section to the clamping bar using M8-1.25 x 25 mm hex. bolts, spring lock washers and flat washers. Figure 4.

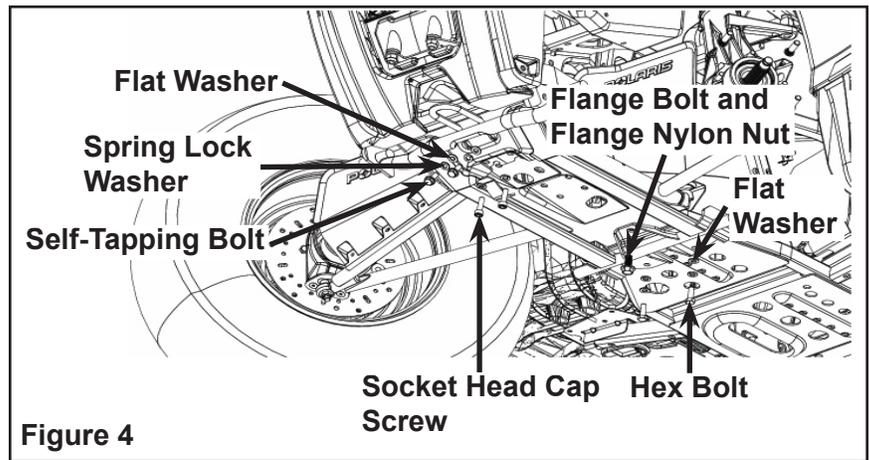


Figure 4

- Tighten all bolts and nuts.

NOTE: Sportsman Touring vehicles require the use of only one M8-1.25 x 30 mm socket head cap screw and one spring lock washer, use the opening shown in Figure 5.

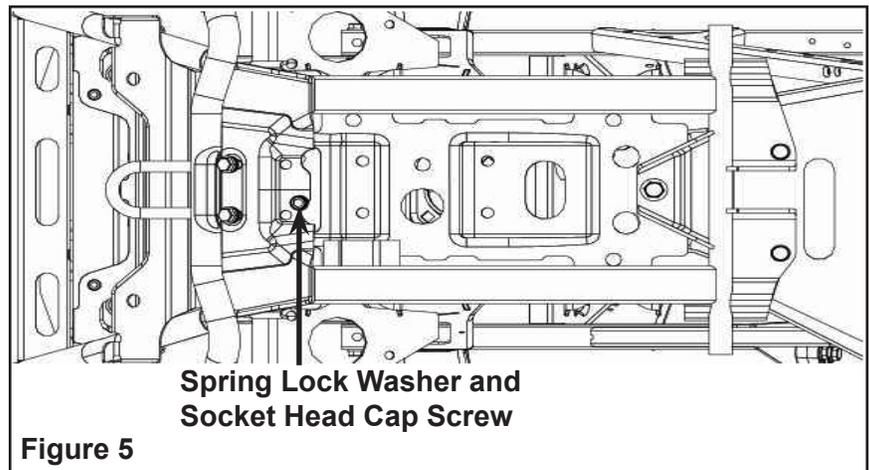


Figure 5

MOUNT PLATE INSTALLATION (Sportsman 570 and Sportsman Touring 570 only):

- Position the mount plate under the vehicle. Figure 6.

NOTE: The next step requires only finger tightening in order to properly seat the mount plate on the ATV before final tightening.

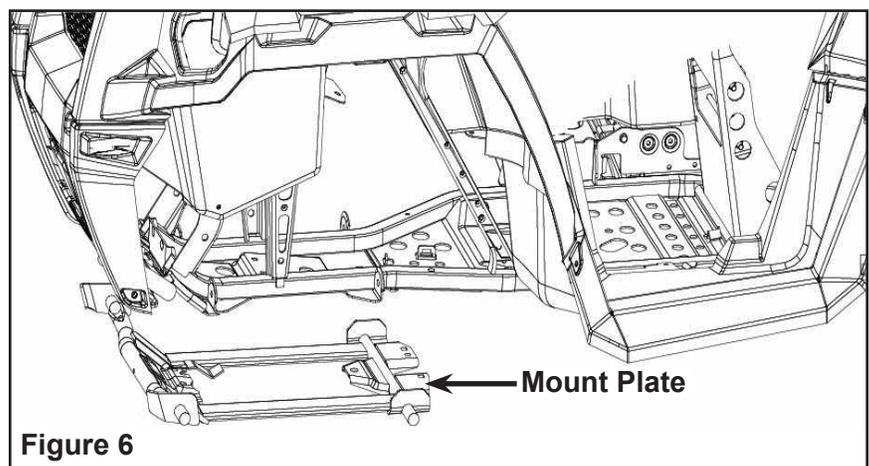
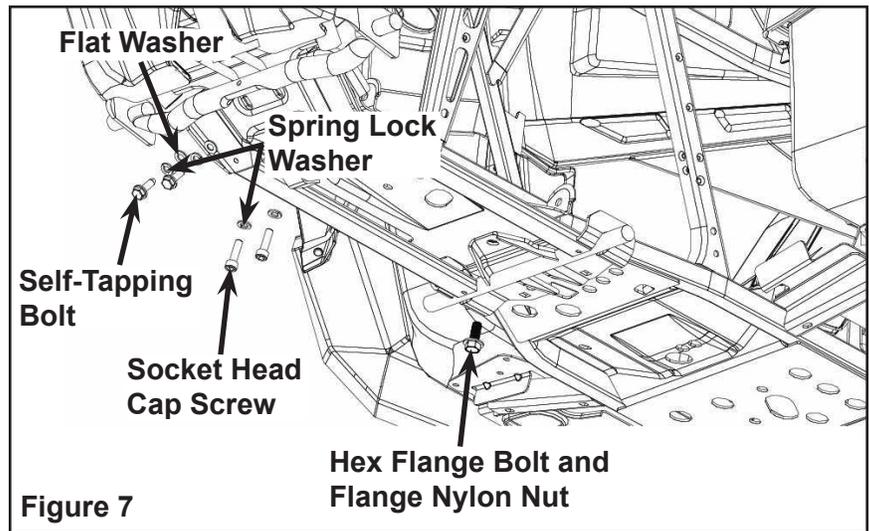


Figure 6

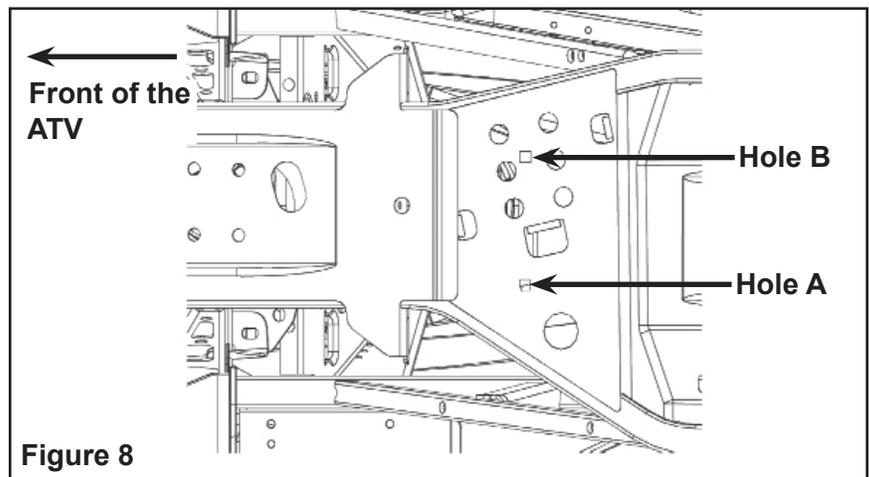
5. Fasten the front section of the mount plate using 5/16"-18 x 1 self-tapping bolts, spring lock washers and M8 flat washers. Fasten the middle section to the fixation plate using M8-1.25 x 30 mm socket head cap screws and spring lock washers. Fasten the middle-rear section using M10-1.5 x 25 mm hex. flange bolt with hex. flange nylon nut. Figure 7.



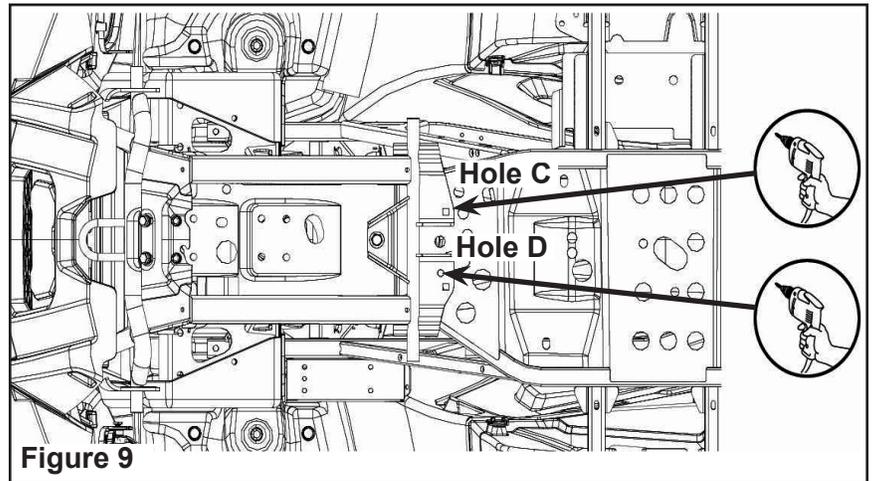
WARNING: The battery must be removed prior to Step 10.

Follow Steps 6 to 8 to remove the battery.

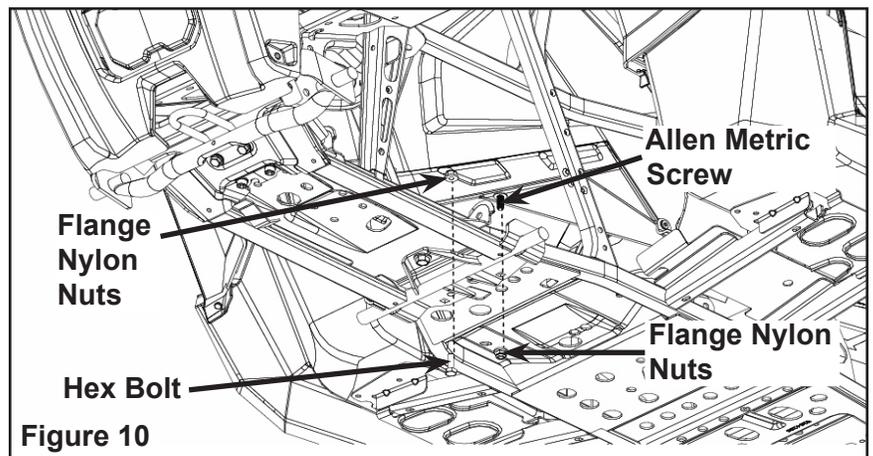
6. Disconnect both cables from the battery.
7. Remove the elastic strap holding the battery.
8. Remove the battery from the ATV.
9. If square holes A and B are on the skid plate of your vehicle, go to Step 15 (page 7), otherwise go to Step 10.
10. If there are no holes A and B, drilling is required. Tight all bolts and nuts on the mount plate. The mount plate will be used as a template to drill holes in the vehicle skid plate. Figure 8.



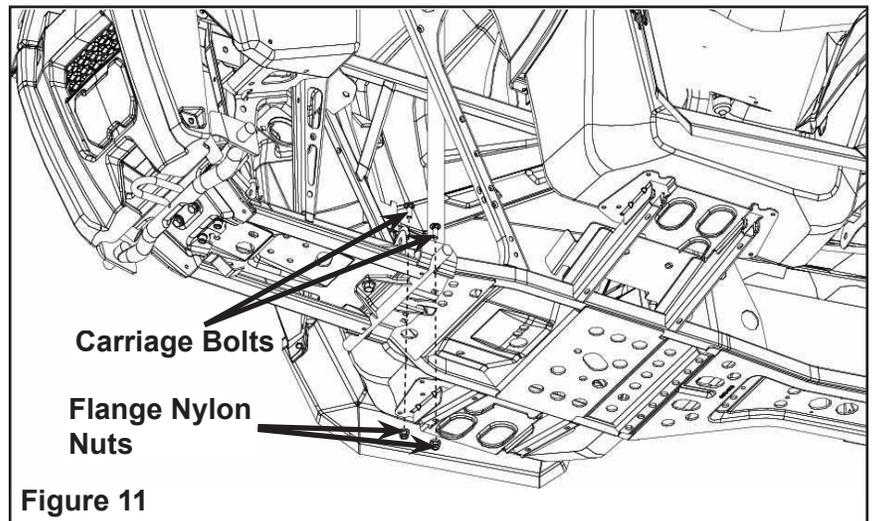
11. Once the battery is removed, using a 11/32 (8.5 mm) drill bit, drill in square hole and round hole using the mount plate as a guide. Figure 9.



12. Fasten the rear left section (under the battery) using one flange button head Allen metric screw inserted from the top with one flange nut. Figure 10.
13. Fasten the rear right section using one M8-1.25 x 25 mm hex. bolt with one M8-1.25 flange nylon nut. Figure 10.
14. Reinstall Battery in place. Reconnect battery.



15. Fasten the rear section using two carriage bolts inserted in square holes and from the top and two flange nylon nuts. Tight all bolts and nuts on the mount plate. Figure 11.



SPARE KITS

REF.	DESCRIPTION	Hardware Kit (2205065)	Winch Link Kit (2205384)	Spring Kit (2205385)	Latch Kit (2205066)	Mount Plate Kit (2205387)
1	M8-1.25 x 20 mm carriage bolt	2x				
2	M8-1.25 x 20 mm flange button head cap screw	1x				
3	M8 flat washer	4x		1x		
4	M10-1.5 x 70 mm hexagonal bolt	1x				
5	M10-1.5 x 50 mm hexagonal bolt	1x				
6	M6-1.0 x 20 mm hexagonal bolt	2x			2x	
7	M8-1.25 x 25 mm hexagonal bolt	2x				
8	M10-1.5 x 25 mm hexagonal flange bolt	1x				
9	M10-1.5 hexagonal flange nylon nut	3x				
10	M6-1.0 hexagonal nylon nut	6x			2x	
11	M8-1.25 hexagonal nylon nut		1x			
12	M8-1.25 hexagonal flange nylon nut	2x		1x		
13	M8-1.25 x 30 mm socket head cap screw	2x				
14	M6-1 x 18 mm Allen socket machine screw	4x				
15	Spiral pin, Ø4 x 22mm				1x	
16	M8 spring lock washer	6x				
17	Clamping bar	1x				
18	5/16"-18 x 1 self-tapping bolt	2x				
19	Tension spring, short				2x	
20	Short flange bushing	1x				
21	Long flange bushing	1x				
22	Half lock					
23	Torsion spring	1x				
24	Plastic washer	4x				
25	Spacer	2x				
26	Tension spring, long			1x		
27	Welded pedal				1x	
28	Pedal link				1x	
29	Winch link		1x			
30	Mount plate					1x
31	Adjustment wire			1x		
32	Fixation Frame					
33	Height stopper	1x				
34	Rear hook				1x	
35	Height locking lever				1x	
36	Fixation plate	1x				
37	Link rod				1x	