

# DragonFire Racing

2330 W. Broadway Rd #112

Mesa, AZ 85202

1 (800) 708-9803

[WWW.DRAGONFIRERACING.COM](http://WWW.DRAGONFIRERACING.COM)



**FEEL THE HEAT!**

## RZR XP 900 Front Gusset Kit – Installation Instructions

Congratulations on your purchase of the DragonFire front gusset kit for the Polaris RZR XP 900. This kit has been designed with the serious driver in mind to add strength to the front end of your RZR XP.

### **! WARNING**

- \* Read and understand these instructions before installing product.
- \* Only work on vehicle with ignition off and vehicle in park on flat and level surface.
- \* Severe damage may result to frame and suspension components due to the rigid nature of the gusset, tensile and fatigue loads will be transmitted to other areas in the vehicle.
- \* Improper installation of the product may result in damage to vehicle and contribute to malfunction of product.
- \* Check torque on bolts regularly after use.

### Disclaimer

Off road activities can be hazardous and could lead to injury, dismemberment, paralysis and death. No warranty of representation is made as to the products ability to protect the user from any injury or death. The user assumes that risk. The acceptance and /or use of this merchandise purchased from DragonFire by the customer hereby shall release DragonFire from any and all liability pertaining to the use of such merchandise.



QTY	SIZE	PITCH	LENGTH	TYPE	GRD	KIT LOCATION	Ref.
4	10mm	1.5	110mm	Socket Head Cap Screw	10.9	Front arm bolts	C
4	10mm	1.5		Nylock nut (thin nut)	10.9	All	C
10	10mm			Washers	10.9	All	D & C
2	10mm	1.25		Nylock Nut (thin nut)	10.9	Upper arm nuts	G
4	3/8	16	1	Hex bolt	8	Finger Mounts/other	H
4	3/8	16		Nylock Nut	8	Finger mounts	H
8	3/8			S.A.E. Flat Washer	8	Finger mounts	H

Tools Required
T27 Torx Bit
(2) 15mm Wrenches
13mm Wrench
17mm Wrench
(2) 9/16 Wrenches
9/16 Socket and Wrench
15mm Socket
Hammer and Punch
8mm Allen Wrench

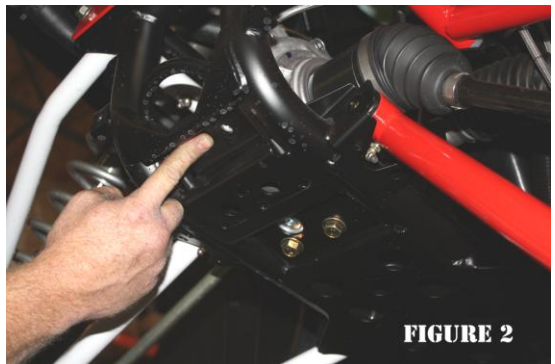
**Step 1:** Remove all parts from packaging and ensure that there are no missing or damaged parts (If there are damaged parts please call your authorized DragonFire dealer)

**Step 2:** Make sure keys are out of ignition and you are on a flat level surface. Jack car up off the ground and secure using jack stands. Warning: Ensure car cannot move or serious injury could result.

**Step 3:** Remove all plastic push pins and all (T27) retaining screws from front grill. Unplug head lights and remove from grill assembly. (See Figure 1)

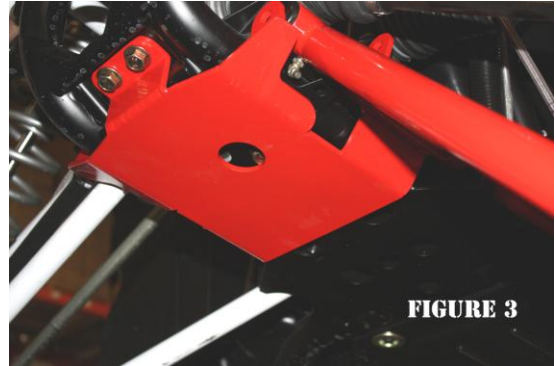


**Step 4:** Using (15mm Socket) remove the two front differential retaining bolts. (See Figure 2)

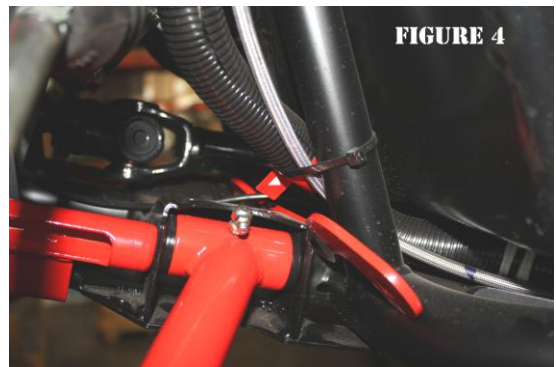


**Step 5:** Using two (15mm Wrenches) remove lower A-Arm retaining bolts.

**Step 6:** Install large lower gusset plate **(A)** by reinstalling the two front differential retaining bolts finger tight. **(See Figure 3)**

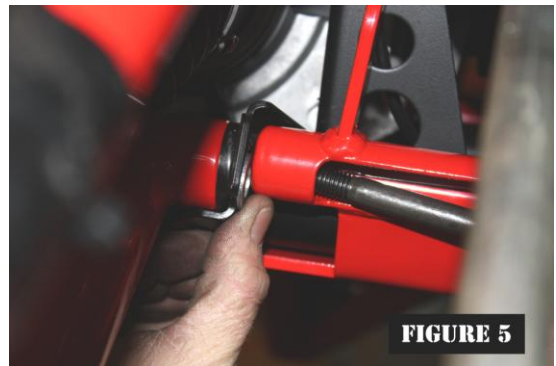


**Step 7:** Install lower A-Arm rear mount gusset plate **(B)** and be sure to feed plate **(B)** under throttle cable **(See Figure 4)**



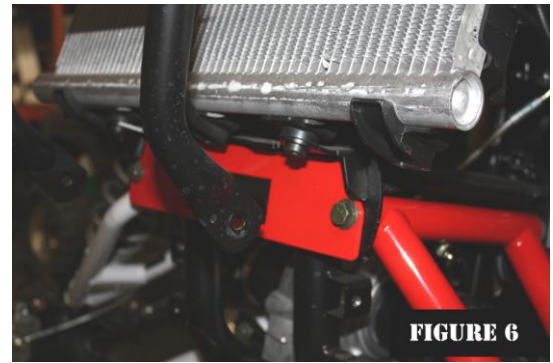
**Step 8:** Install new supplied hardware **(C)** for lower rear A-Arm mount through rear lower gusset plate and rear mount gusset plate, finger tighten.

**Step 9:** While installing new supplied hardware **(C)** for lower A-Arm front mount be sure to position washer **(D)** between factory mount and gusset mount. **(See Figure 5)**



**Step 10:** Remove two lower bolts on front grill frame and loosen two upper bolts using (13mm Wrench) swing upwards and out of the way. Tighten upper two bolts to secure into place temporarily.

**Step 11:** Remove upper A-Arm mounting bolt using (2 - 15mm Wrenches). Then re-install factory bolt without factory nut to retain front upper gusset plate (E). (See Figure 6)



**Step 12:** Slide upper A-Arm rear gusset plate (F) onto factory bolt and secure with new supplied nut (G) finger tight. Then bolt it to lower gusset plate with supplied hardware (H) using (2) 9/16 Wrenches) (See Figure 7)



**Step 13:** Now go back and tighten all of your mounting hardware and re-install grill frame and grill as well as plug in head lights.

**Step 14:** Remove car from jack stands. Installation is now complete.

## Go Have Some Fun!

*For further assistance please contact your authorized DragonFire Dealer  
Or DragonFire's tech line at 602-501-0398*