

## INSTRUCTIONS

### Fender Kit (VF KIT)

#### Part Check

##### Fender Front Set (VF FRNTSET):

- A large painted framework (VF FRNTFCPT)
- One or two painted backing plate/s (VF FRNTBACKPT)
- Two Gripper Units (VF GRIPA)  
(i.e. 2 Gripper bolts, 8 Gripper washers, 2 nyloc nuts)
- Either three or four (depending on the quad model) 12mm mounting bolts with nyloc nuts
- Two polyethylene Crush Blocks (VF CRUSH)

##### Fender Rear Set (VF REARSET):

- A painted mount (VF REARPT)
- Two Gripper Units (VF GRIPA)
- A ¾ inch bolt with spring washer and nut.

##### Antennae:

- Two 1300mm lengths of galvanized pipe (VF ANT)
- Two black polyethylene Antenna Plugs (VF ANTPLG)
- A 2m length of blue polyethylene tubing (VF ANTTUBE)

##### Runners:

- Two Runners in 9mm spring steel approx 2m long (VF RUN)

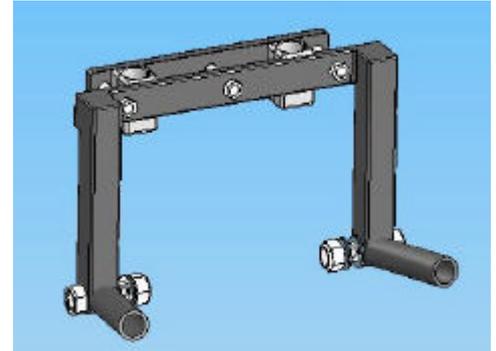


Figure 1: Fender Front Set

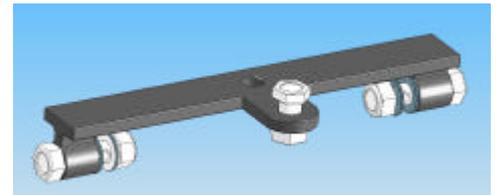


Figure 2: Fender Rear Set

#### Tools Required

- Two large shifting spanners or matching sockets (30mm) for the Gripper and tow ball bolts.
- An 18mm and 19mm spanner (or preferably sockets with socket wrench and universal joint) for the Fender Front mounting bolts.
- A selection of 10, 12, and 14mm spanners (or sockets) to remove, and later replace the front 'nudge/bull bars'.



#### Assembly

##### Fender Front

1. Locate the two front uprights (these are the most forward bars of the frame 'proper'). Kneeling in front of the ATV they are located behind the front nudge bars/body work (usually easy to identify, as most of the manufacturers use them for their model decals).
2. Spread the two Crush Blocks and encase the two uprights.
3. Taking the Fender Front Framework only (no backing plate/s or bolts attached) try to manoeuvre it in place behind the nudge bars/body work and against the uprights.

If you can not get it through and into position you will need to remove the front nudge bars/body work away sufficiently to fit the Fender Front Framework.

DO NOT try to mount the kit onto the nudge bars! Apart from being at entirely the wrong angle they are also paper thin and one good wallop will wreck them.

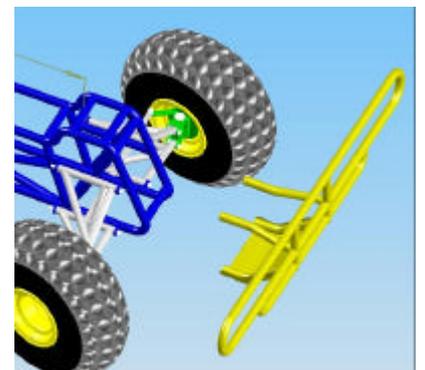


Figure 3: Uprights exposed.  
(Nudge bars separated for clarity)

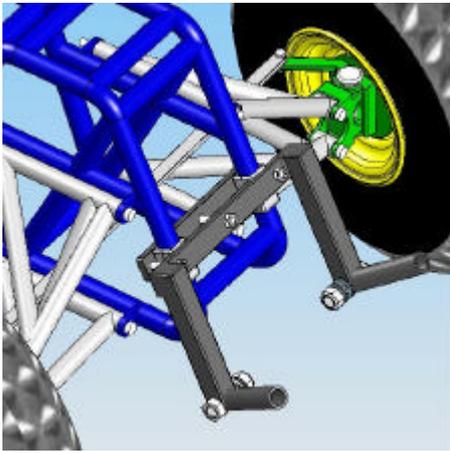


Figure 4: Front Set in place

- Slip the Fender Front's Backing Plate/s in behind the uprights and bolt the Fender Front Framework to its Backing Plate/s (crush blocks in the middle) - hand tighten only (the front may need up or down adjustment when lining up with the Fender Rear).

If you did not have to move any of the body work away to fit the Front Framework you will probably need to use a socket wrench with a universal joint in order to screw in the bolts.

Fit nyloc nuts where clearance permits (it is not entirely necessary to fit all the nyloc nuts onto the mounting bolts).

### Fender Rear

- Remove the tow ball.
- Bolt the Fender Rear to the quad using the  $\frac{3}{4}$  inch bolt supplied (orientate the plate as illustrated in Figure 5).
- Reattach the quad's tow ball this time in the new location on the Fender Rear.

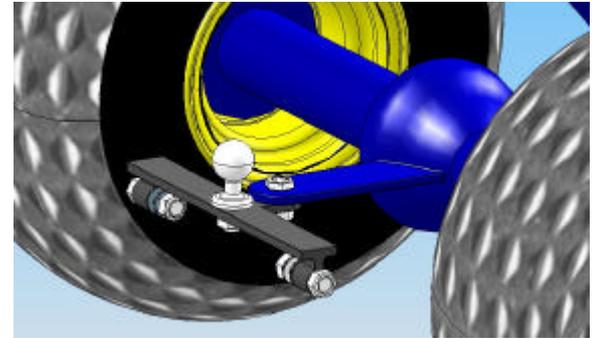


Figure 5: Rear Set in place

### Runners

- Start at the quad rear and for each Runner feed the looped end through the hole in the Gripper bolt - between the two washers (Figure 6). Do not tighten the Gripper nuts.
- Move to the quad front and feed the other end of each runner through the front Gripper bolts and tighten the nuts.
- Check there is a Runner to ground clearance of around 125mm (move the Fender Front up or down the ATV's uprights if necessary). Tighten the Fender Front's mounting nuts.
- At the rear the Runners should be made to bow downwards by pushing the runner further into or out of the rear Gripper Unit (another way to adjust ground clearance). Tighten the back Gripper nuts.
- Refit the nudge bars/body work in place.

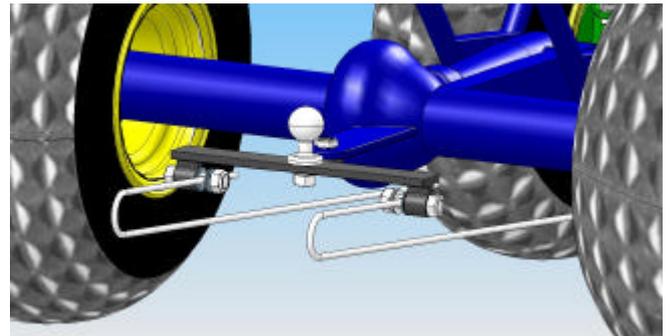


Figure 6: Runners in place

### Antennae

- Fit the non tapered end of each Antenna into the Fender Front bushes (Figure 7).
- Push the ends of the blue polyethylene tube over each Antenna's tapered end to form a loop. The tube should push up to the end of the taper (no further). It should be a reasonably tight fit. If having difficulty, pull the Antenna out of the Front bush and ram it on the ground while holding and pulling the tube down (also helps if you warm the tube up before fitting).

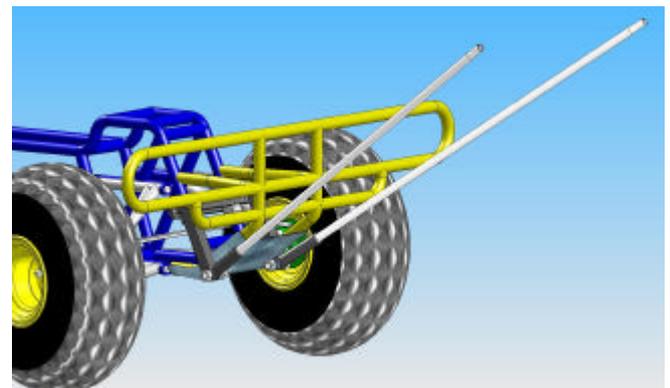


Figure 7: Antenna in Fender Front bushes

**NOTE:** An initial 'bedding in' period is required for the Crush Blocks (as they reshape themselves). Re-tighten the Fender Front Set after the first couple of days.

After that perform a regular 'once over' (perhaps once every month or so) with a spanner to make sure nothing has worked loose.