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Brute Force 650-SRA / 700 Prairie Rad Kit Installation

- 1 - welded straight flange fitting
- 1 - welded angled flange fitting
- 2 - rubber gaskets cut to match flange fittings
- 4 feet $\frac{3}{4}$ " heater hose
- 6 - $\frac{3}{4}$ " hose clamps
- 4 - aluminum spacers, 1.9" long
- 4 - carriage bolts sets 3.5" long
- 4 - carriage bolt sets $\frac{3}{4}$ " long
- 4 - $\frac{5}{16}$ " x 1" long bolts
- 4 - $\frac{5}{16}$ " lock nuts
- 8 - $\frac{5}{16}$ " washers
- 2 feet double fan wire
- 4 - shrinkable butt connectors
- 2 - $\frac{3}{4}$ " straight hose barbs
- 2 - $\frac{3}{4}$ " 90 degree hose barbs

Make sure to clean your ATV very well, this makes for a much easier job.

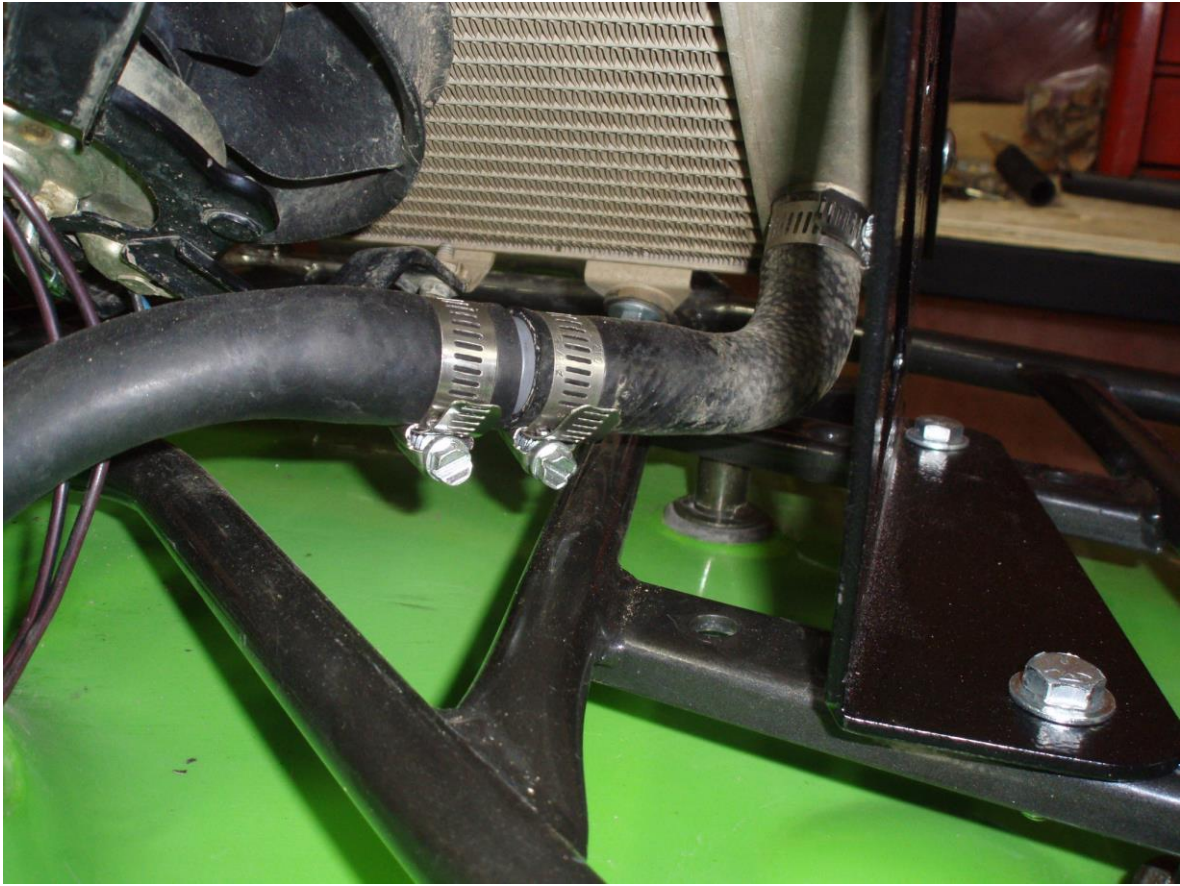
With a drain pan below the ATV, remove the stock hoses from stock radiator and drain the Antifreeze and unplug the fan. Removing the front rack and/or other plastic shrouds might make this an easier job.

Un-bolt and remove the radiator from the machine, keep in mind that this is the BEST time to clean your radiator and get all the deep packed in mud cleaned out for best cooling before remounting. Air Conditioner cleaner or aluminum rim cleaner works great to really break up the dirt and get it looking good again.

Assemble the new RDC Rad Bracket with the $\frac{3}{4}$ " long carriage bolts. Install the radiator into the bracket using the 4 long carriage bolts and 4 square aluminum spacers.

Now place the bracket with the radiator mounted inside it on the front rack so the supplied mounting bolts and mounting holes will line up on the front rack and loosely bolt it in place.

You will need to cut the ends off of the stock hoses, they will have roughly a 90 degree formed bend, you need to cut these off and use them as pictured below, this allows for a smoother transition with the coolant flow.



Remove the fill cap from its stock location at the T-Stat and move it up top as pictured above, use some silicon to increase the seal between the rubber gasket and the steel 90 degree flange and the fill neck mounting face.

Seal and attached the other steel flange that has a slight angle on it to the lower location at the T-Stat and connect the upper and lower fitting with hose supplied, see pictures below.





Connect the lower radiator hose with the supplied hose barbs and hose as pictured above.

I ran everything through the opening at the small plastic cover up front, this allows the installation to be done without cutting any holes in your plastics.

Cut the fan plug wire and splice in the new longer wires using the supplied wire and the supplied heat shrinkable butt connectors and plug it back together.

Make sure everything is tight, then refill the coolant system and burp any air from the system and you are done!