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Arctic Cat 650/700 mud Pro Rad Relocation Instructions

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 depending on YOUR machine.

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 3/4" carriage bolts and place the radiator in the bracket. Using the 2 long 5/16" bolts and the 2 aluminum spacers with a washer on both sides of the stock mounting tabs of the radiator, bolt the radiator in the Bracket and tighten the bolts, do not over tighten and squash the stock rubber bushings.

INSERT PICTURE HERE

You can place the bracket with Rad mounted inside it on the front rack and pic your location for the holes required for the hoses, you can see where I made my hole, this allows for a very inexpensive stock part to cover the holes if you ever decide to put the radiator back in the stock location.



I found it best to cut the lower radiator hose short where pictured, this length of stock hose can be used for making a very sleek installation.



You will have a length of stock hose that looks like this,



Now cut THIS hose here,



You can use the short piece for the bottom hole on your radiator, it will fit right through that hole on the front plastics where I cut my hole. Next, you use the longer piece on the upper radiator hole, this will give you a nice clean look and go down to the same hole on the plastics





Use the supplied hose, barbs and hose clamps to reconnect the stock hoses to the radiator in the new RDC Bracket.

Using the supplied wires you will need to extend the fan plug by cutting the wire and splice in the new longer wire. It is a good idea to secure the wires so they do not get hung up on anything while riding

You now need to bolt the RDC bracket to the front rack. Once everything is tight you can then refill the radiator.

Burping the radiator may be required to ensure proper cycling of the coolant. This can be done by letting the ATV idle with the radiator cap off, and massaging the radiator hoses to try and work out any air blockages, once all the air bubbles have come out of the radiator cap, re-fill and you are ready to go. Be sure to check on your coolant level before and after each ride to make sure it was completely burped and free of air blockages.