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Outlander 1000 Radiator Relocation Kit Installation Instructions.

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

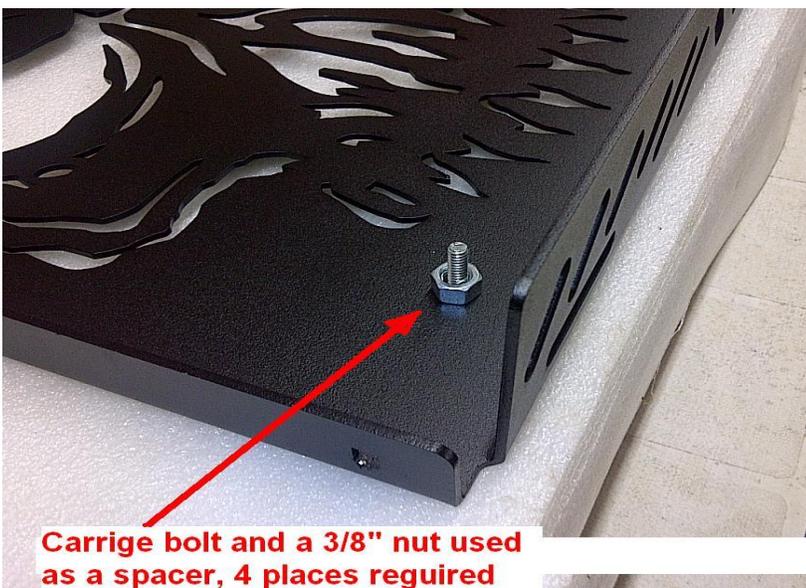
With a drain pan below the ATV, remove the stock hoses from stock radiator and drain the Antifreeze and unplug the fan. Removing the front rack and/or other plastic shrouds might make this an easier job.

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" long carriage bolts. It is easier to mount the face plate to the radiator before attaching the side bracket panels, there are slots on the bottom of the face plate to fit a wrench though so you can tighten the nuts that secure the radiator to the face plate using carriage bolts and also 3/8" nuts as a spacers to space the radiator off the surface of the face plate, see picture below,



Slot for Wrench to tighten the Radiator to the Face Plate

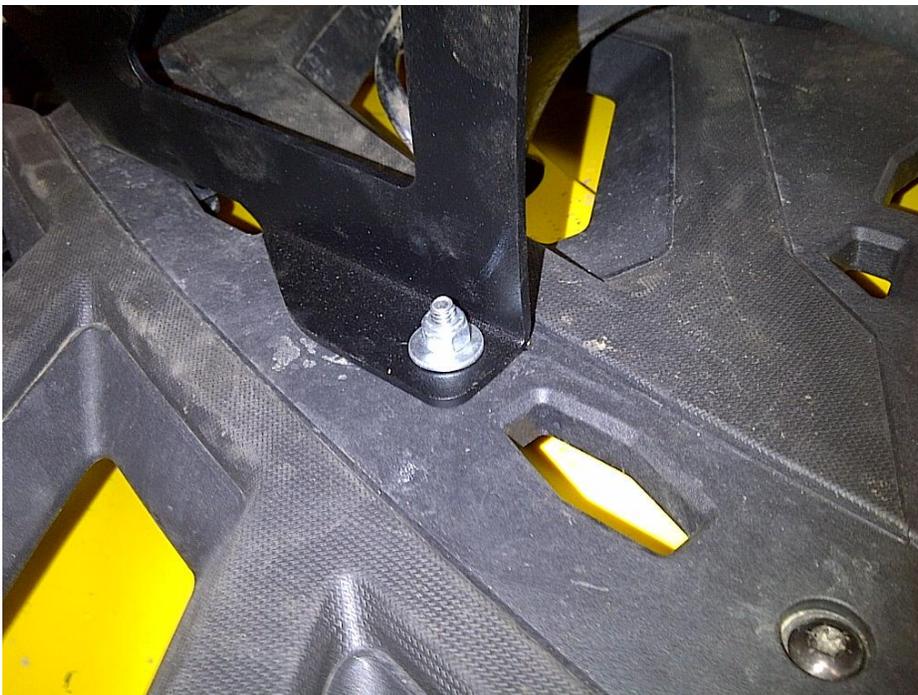


Carriage bolt and a 3/8" nut used as a spacer, 4 places required

Now place the bracket with the radiator mounted inside it on the front rack so the front mounting holes line up with the Factory bolts in the picture below.



The rear mounting bolts will go through the front rack as pictured below, You will need the 1/2" washer as well as the 3/8" washer at the head end of this bolt, and you will find it much easier feeding the bolt in from the underside of the rack and outing a washer and nut on the top side of the bracket



Before you bolt the kit in place, you will now need to pick the perfect spot to drill your holes for the radiator hoses, just make sure before you drill them that they will not interfere with anything you cant drill or cut through under the factory rack. Mark your hole locations and remove the bracket and cut/drill all of your holes. I put the hoses through the area as pictured below, notice there is a factory piece of hose on the left hand side.



Use the supplied hose, barbs and hose clamps to reconnect the stock hoses to the radiator in the new RDC Bracket. Make sure there are no kinks in the original or new hoses, in some cases cutting back the stock hoses will work better. You can also see that I used parts of the stock hose that I cut away to make for smoother transitions,



The fan wires will have to be lengthened with the supplied wire and heat shrinkable connectors. Once everything is tight you can refill the radiator, I left the upper rad hose off and filled the radiator until fluid leveled out on both the radiator and the disconnected hose, once the fluid was all the way to the top of both the rad and the end of the disconnected hose, I put the hose on and tightened the hose clamp.

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.