

## **Rubberdown Customs Inc.**

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### **Polaris Sportsman 850 Rad Relocation kit Install**

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. Using the 2 long carriage bolts and the 2 aluminum spacers, mount the radiator in the Bracket but do not tighten the radiator to tight just yet. Now place the bracket with the radiator mounted inside it on the front rack so the mounting holes all line up with the Factory lock and ride holes on the front rack.



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.

Using the 3/8" bolts and large washer you can now mount the rad bracket to the front rack through the FACTORY lock and ride holes. The large washers go on the bottom side of the rack.

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

The fan wires are long enough to come up through one of the hose holes and plug back into the fan, you may have to cut a small slip that secures the fan wires to the fan bracket

You now need to tighten EVERYTHING, the RDC bracket to the front rack, and the rad in the bracket. Once everything is tight you can 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.