

Polaris Ranger 800 (2010 - 2015)
Polaris Ranger Diesel – 800 Frame (2012 – Late 2014)
Direct-Fit Cab Heater with Defrost

STEP 1: PRE-INSTALLATION

- 1) Remove the hood.
- 2) Remove the inner fender (to access the radiator lines).
- 3) Drain the radiator (you can instead use line clamps when installing the Y-Fittings).

STEP 2: INSTALLING THE HEATER BOX

- 4) Set the heater box in place and on the passenger side mounting tab fit the (2) threaded studs into the factory holes, secure with the nuts provided.
 - As shown in the picture (**PIC01**) the duct adapters face the cab and the heater core fittings face the passenger side.
- 5) On the driver side mounting tab use a 3/16” bit and pilot a hole for the rivet (included in the kit).
- 6) Install the rivet into the panel.

STEP 3: INSTALL THE Y-FITTINGS AND HEATER HOSE

- 7) Install the Y-Fittings into the upper (inlet) and lower (return) radiator lines.
 - Make sure to install both Y-Fittings so the 5/8” splice is opening up toward the radiator to keep with the coolant flow, see the diagram on the following page (**PIC02**).
- 8) Run a 4-foot piece of heater hose from the lower fitting (relative to gravity) on the heater box to the inlet Y-Fitting.
 - Make sure to feed the hose to the Y-Fittings as shown in **PIC01** making sure to gradually turn the hose and leave slack to avoid kinking.
- 9) Run a 4-foot piece of heater hose from the higher fitting (relative to gravity) on the heater box to the return Y-Fitting.
 - Make sure to feed the hose to the Y-Fittings as shown in **PIC01** making sure to gradually turn the hose and leave slack to avoid kinking.

STEP 4: INSTALL LOUVERS AND RUN DUCT

- 10) Stretch your duct out and cut into the following lengths:
 - 24” (Passenger Floor)
 - 20” (Passenger Defrost)
 - 26” (Driver Defrost)
 - 36” (Driver Floor)
- 11) Take the circular louvers and screw off the back adapters (**PIC03**). Install the duct barbs on the adapters for extra hold and connect the (4) runs of duct.
- 12) Using a 2.5” hole-saw, cut the louver openings and install the two defrost louvers.
 - See **PIC04** for where we put the defrost louvers. Use the louver cut-out templates to place and mark the starting point for the hole-saw bit. Measure to assure symmetry.
- 13) Insert the face piece into the holes cut in the previous step and screw on the adapters from the backside of the dash panels (with duct attached).
- 14) Now attach the other end of the duct to the heater box adapters.
- 15) Using a 2.5” hole-saw, cut the louver openings and install the two floor louvers.
 - See **PIC05** and **PIC06** for where we put the floor louvers. Use the louver cut-out templates to place and mark the starting point for the hole-saw bit.

- 16) Insert the face piece into the holes cut in the previous step and screw on the adapters from the backside of the dash panels (with duct attached).
- 17) Now attach the other end of the duct to the heater box adapters.

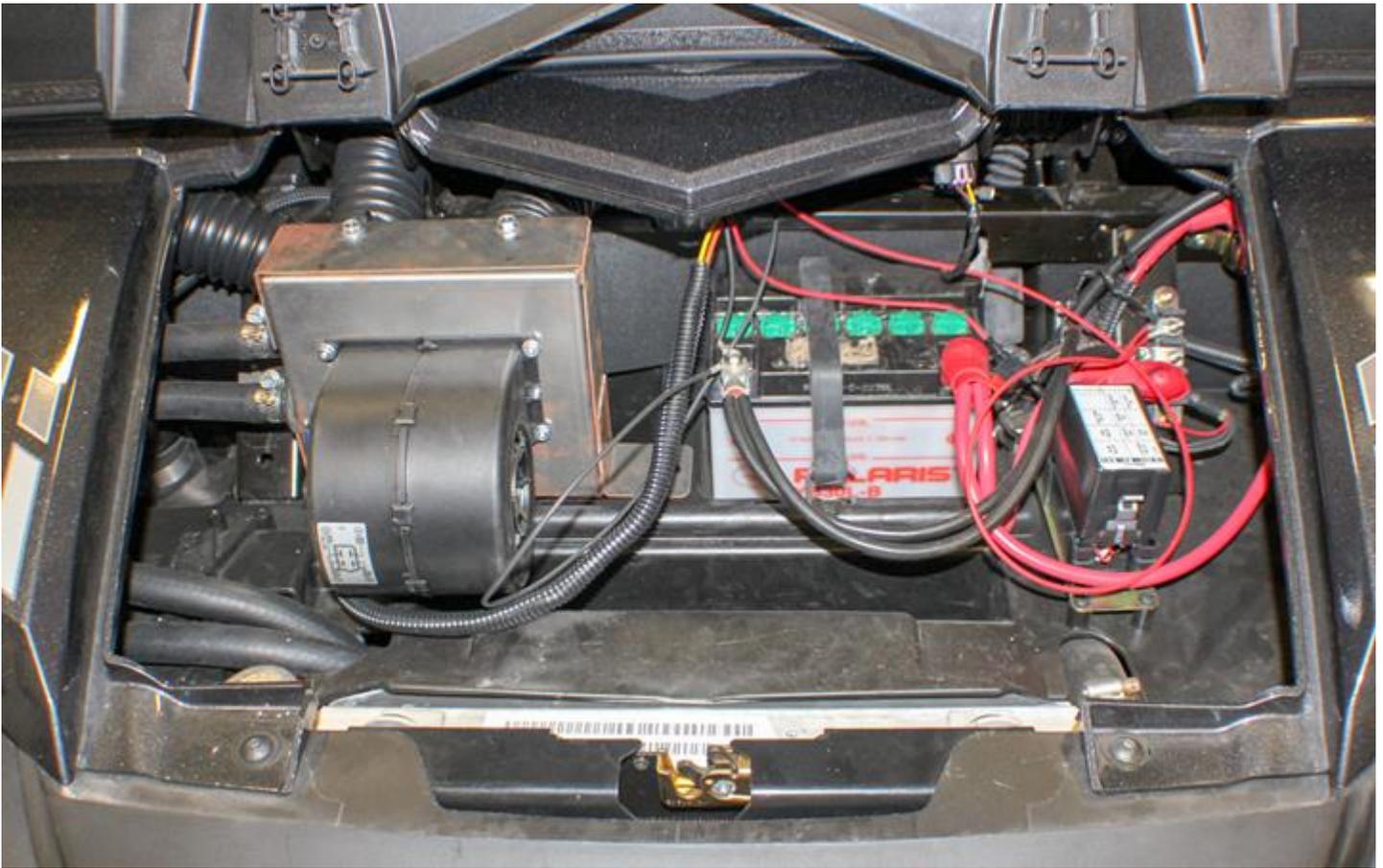
STEP 5: WIRING

- 18) Remove one of the factory switch plates and install the rocker switch.
- 19) Using the wiring harness provided, plug the switch connector into the back of the rocker switch.
- 20) Using the wiring harness provided, plug the blower fan connector to the heater box blower.
- 21) Using the wiring harness provided, run the accessory 12v and ground eyelets to the accessory bar (**PIC07**).
- 22) Once the wiring is complete test the blower.

STEP 6: REFILL COOLANT

- 23) Refill the radiator and check for leaks.
- 24) Start the machine and allow the engine to warm up and circulate the coolant.
- 25) Test drive the vehicle and put it under a good load, this will help expel air from the system.
- 26) When done let the machine cool down, recheck the coolant level and refill coolant if needed.
- 27) Coolant will be consumed as the air is expelled from the system. It is possible you will need to run the machine and recheck fluid levels multiple times before working out all of the air.

If you have any questions please call us at 1-866-730-7169.

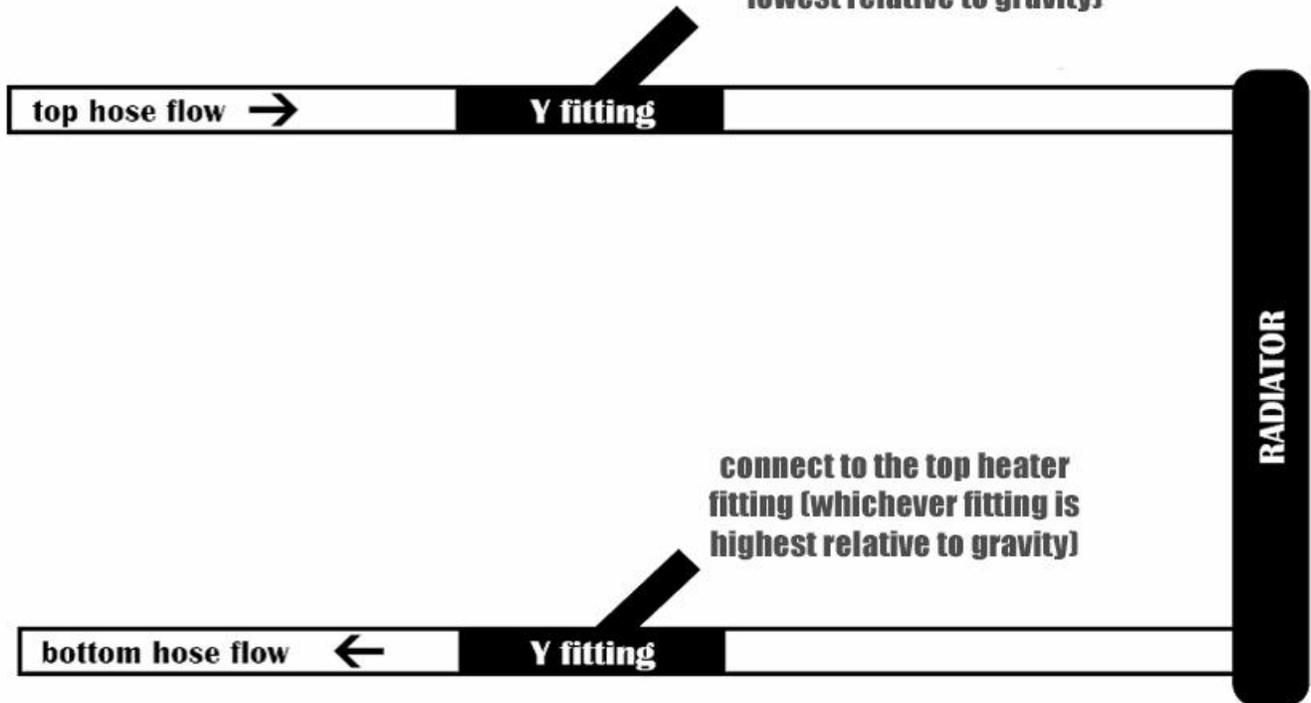


PIC01

connect to the bottom heater fitting (whichever fitting is lowest relative to gravity)

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connect to the top heater fitting (whichever fitting is highest relative to gravity)

RADIATOR

PIC02



PIC03



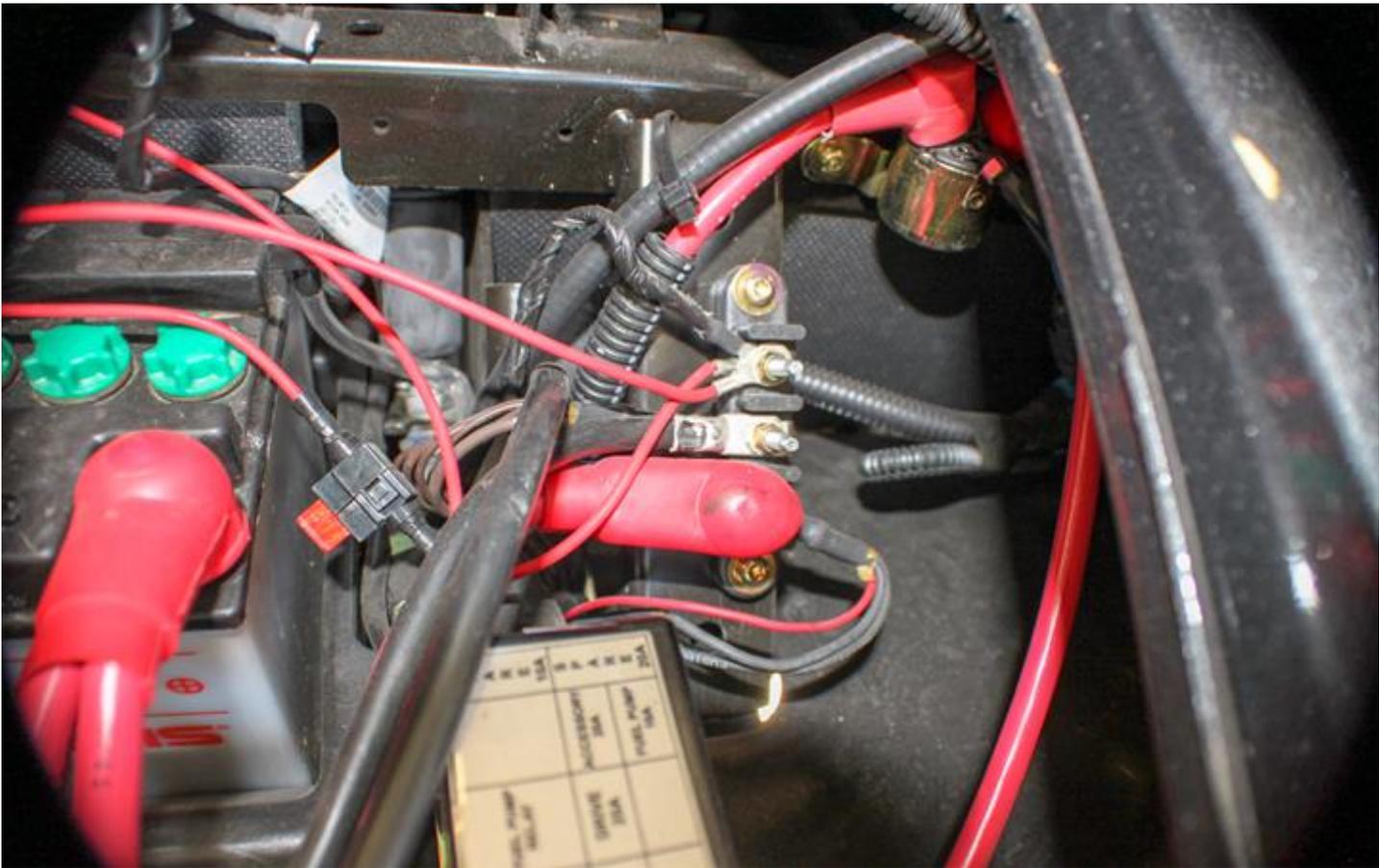
PIC04



PIC05



PIC06



PIC07

