

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.
- 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.

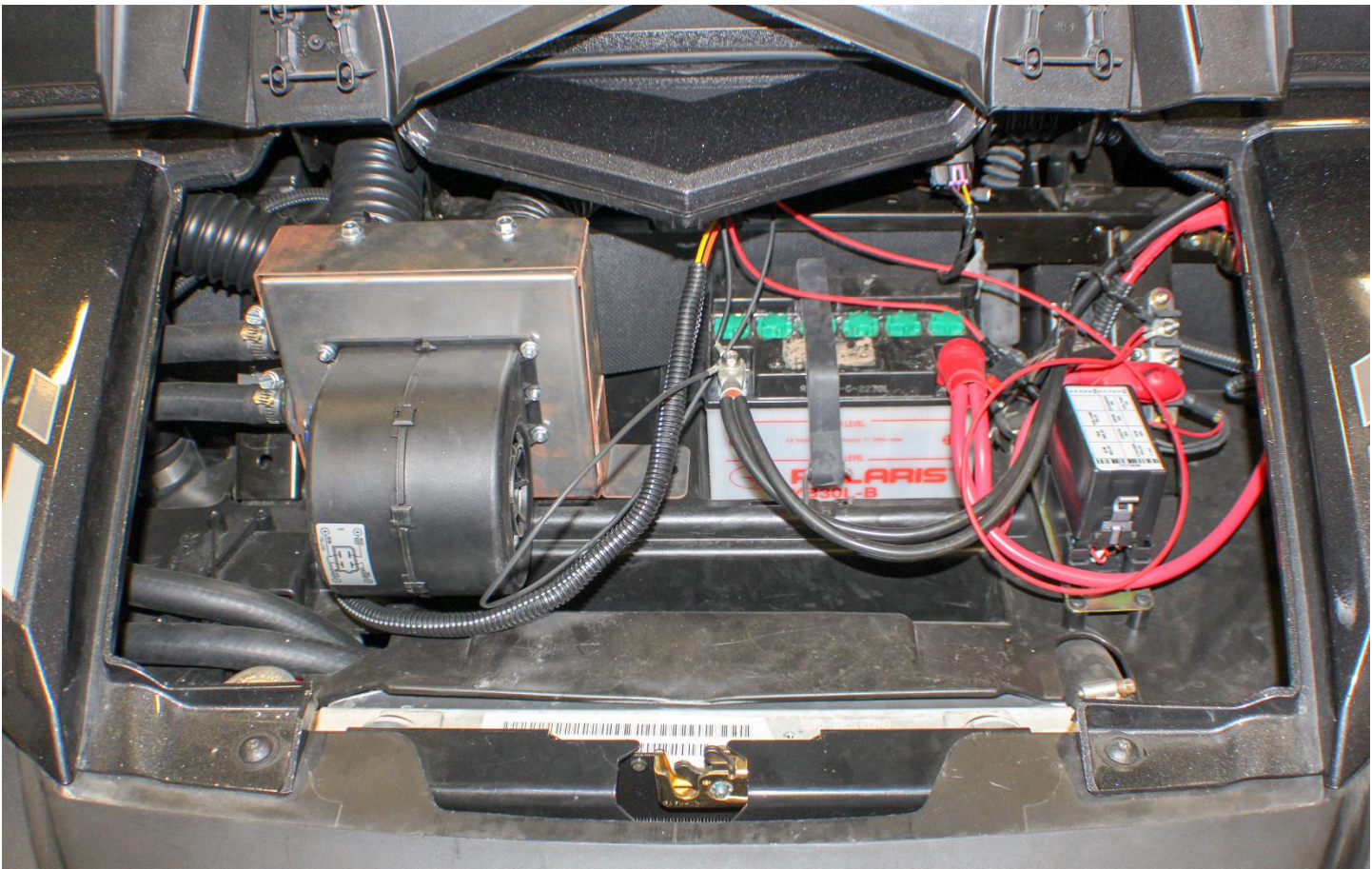
STEP 5: WIRING

- 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.

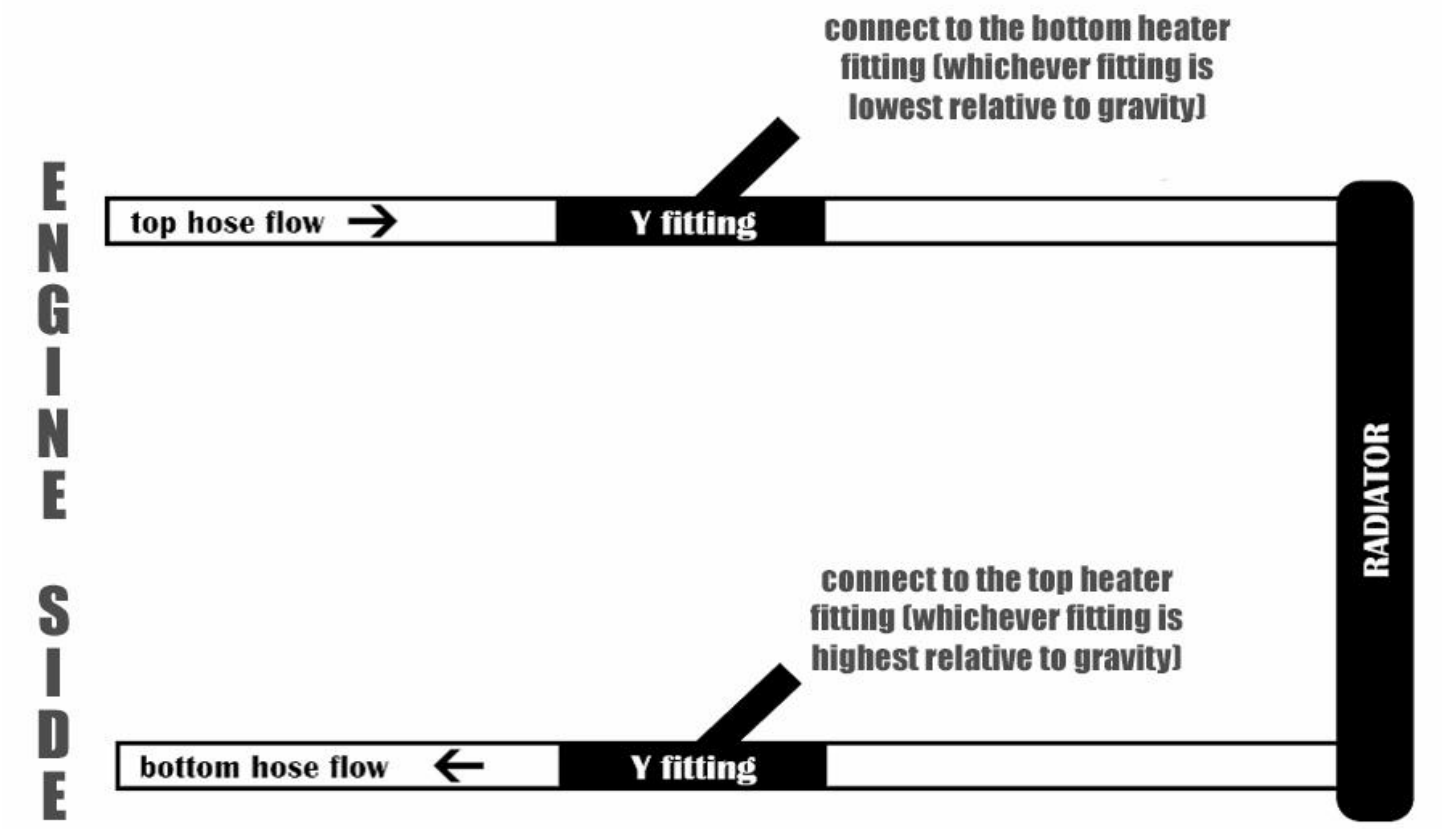
STEP 6: REFILL COOLANT

- 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



PIC02



PIC03



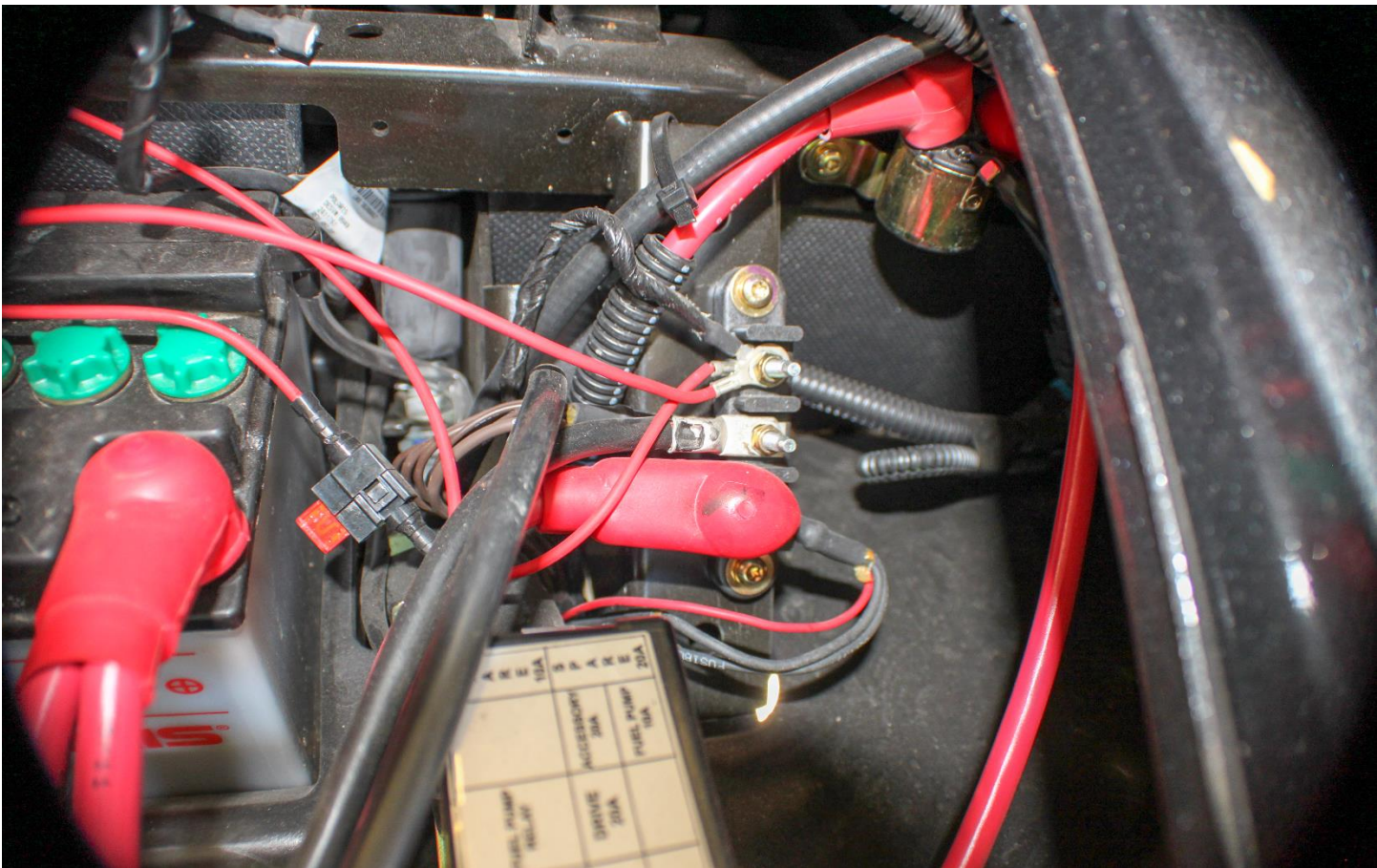
PIC04



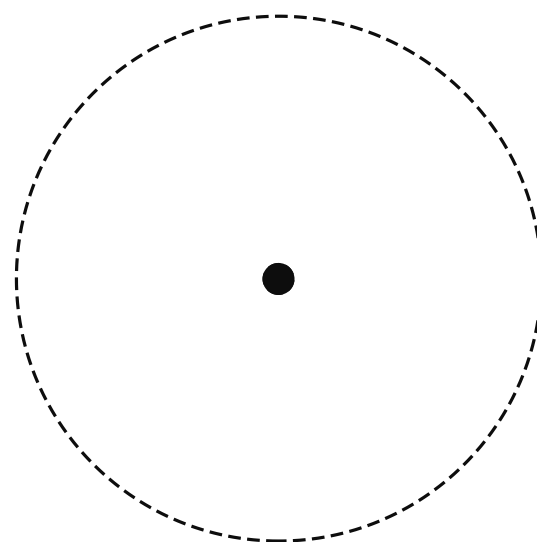
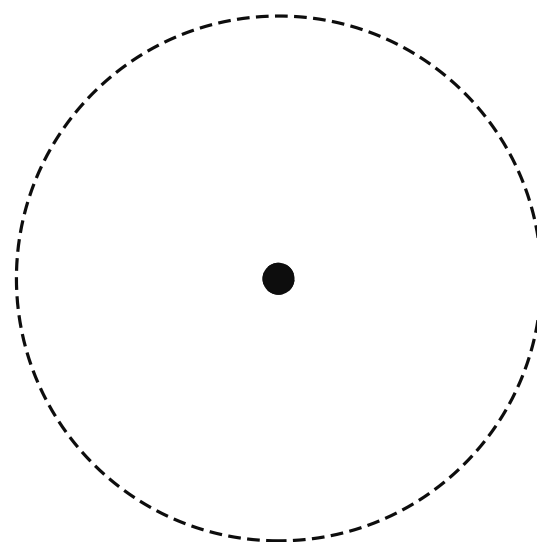
PIC05



PIC06



PIC07



Polaris Ranger Diesel (Late 2014 - 2018) Direct-Fit Cab Heater with Defrost

STEP 1: PRE-INSTALLATION

- 1) Remove the hood.
- 2) Remove the glove box by:
 - Removing the (4) small screws at each corner of the glove box, and
 - Removing the (1) large bolt located at back of the glove box.
- 3) Remove the top portion of the dash (**PIC01**).
 - NOTE: there are top, middle and bottom portions to the full dash panel. The middle portion stays in place during the install.
- 4) Remove the bottom portion of the dash (**PIC01**).
 - You will install floor vents on this panel later in the installation.
- 5) Remove the middle floor cover (**PIC01**).
 - You will use this floor access to run heater hose later in the installation.

STEP 2: INSTALLING THE HEATER BOX

- 6) On the heater box, remove the (4) side bolts on the mounting bracket so one piece is loose and one is still attached to the heater box.
- 7) Using the (3) self-tapping screws provided, mount the loose mounting bracket piece under the 2x2 steel square framing that runs under the dash (**PIC02**).
 - The bracket holes are cut so it can be adjusted after screws are drilled.
- 8) Fit the heater box up into the previously installed top bracket and re-install the two brackets together using the (4) side bolts (**PIC03**).

STEP 3: INSTALL THE HEATER HOSE

- 9) Drain the coolant from the machine (if you have hose pliers to stop coolant flow you do not have to drain the machine).
- 10) Using a 1-3/8" hole-saw, install the rubber grommets into the firewall (**PIC03**).
- 11) Cut the provided heater hose into (1) 4-foot piece and (1) 3-foot piece.
- 12) Install the Y-Fittings into the upper and lower radiator lines (**PIC04**), secure with the hose clamps provided.
 - Make sure to install the Y-Fittings so the 5/8" splice is opening up toward the radiator to keep with the coolant flow (**PIC05**).
- 13) Run the 4-foot piece of heater hose from the lower fitting (relative to gravity) on the heater box to the inlet Y-Fitting, secure with the hose clamps provided.
- 14) Run the 3-foot piece of heater hose from the higher fitting (relative to gravity) on the heater box to the return Y-Fitting, secure with the hose clamps provided.

STEP 4: INSTALL VENTS AND LOUVERS AND RUN DUCT

- 15) Stretch your duct out and cut into the following lengths: (2) 20" pieces for the defrost vents and (2) 16" pieces for the floor vents.
- 16) With the top dash panel off turn it over and measure a 3.75" x 1.80" opening. Measure this off of the inside-front corner of the OEM vent embossment on both sides (**PIC06**).
- 17) Using a utility knife cut the opening out (**PIC07**). Make sure to plunge the blade straight down and pull the blade straight out. Use a flame on the blade to make cutting easier.
- 18) Install the two defrost vents (**PIC08**) (**PIC09**).
- 19) On the lower dash panel, cut and remove the existing cubby hole (**PIC10**).
- 20) Use the floor vent cut-out template and tape in on the lower dash panel (**PIC11**).
- 21) Using a 2.5" circle saw, cut the louver openings and install the two circular floor louvers (**PIC12**).
 - The face and adapter portions screw apart. Set the face in the hole and screw the adapter on from the backside. Install the duct barbs on the adapters for max hold.
- 22) Included in the kit is a cubby-hole plate cover, install this plate as shown (**PIC12**).
- 23) Connect the four runs of duct from the vents to the heater box adapters and secure with the zip ties provided.

STEP 5: WIRING

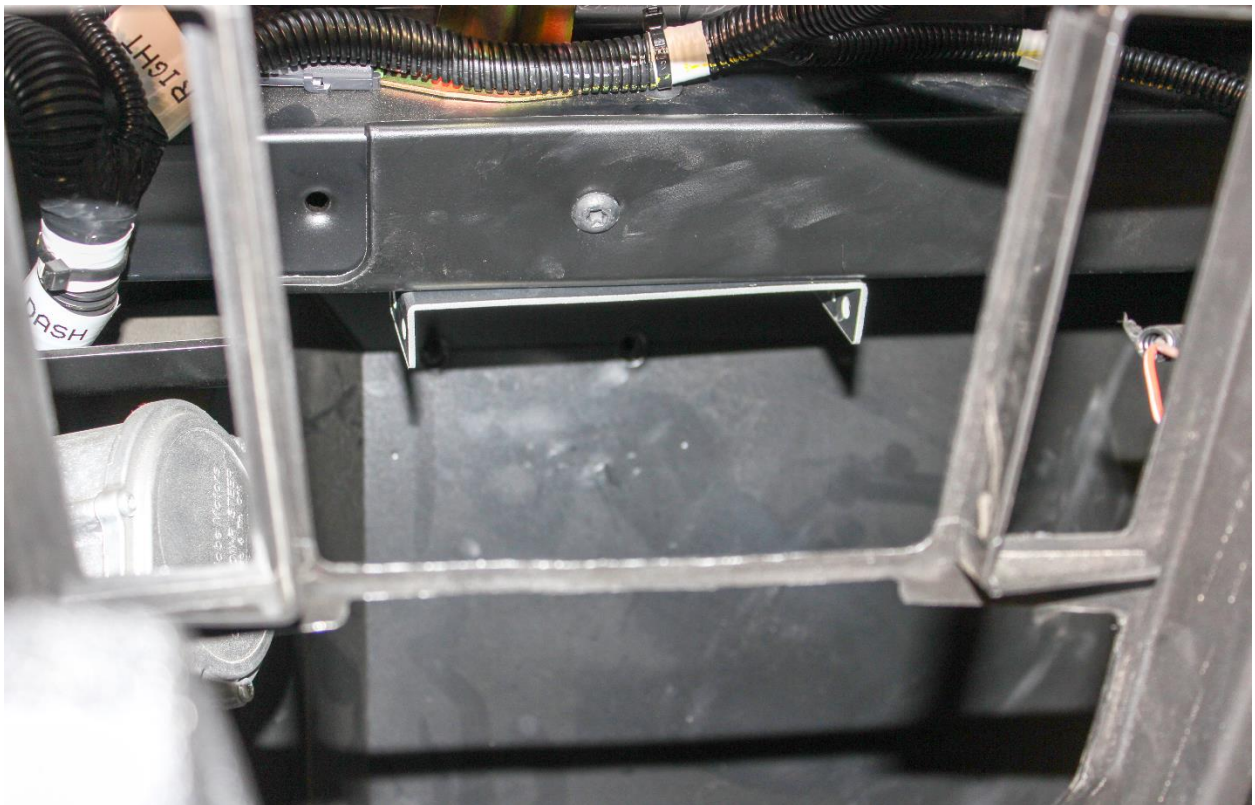
- 24) Remove one of the factory switch plates and install the rocker switch (**PIC13**).
- 25) Using the wiring harness, plug the switch connector into the back of the rocker switch.
- 26) Using the wiring harness, plug the blower fan connector to the heater box blower.
- 27) Under the hood there is a circular embossment, drill a ½" bit hole in the middle of this embossment and run the accessory 12v and ground (red and black) wires through this.
- 28) Using the wiring harness, run the accessory 12v and ground eyelets through the fire-wall hole and onto the accessory bar (**PIC14**).
- 29) Once the wiring is complete test the heater blower.

STEP 6: REFILL COOLANT

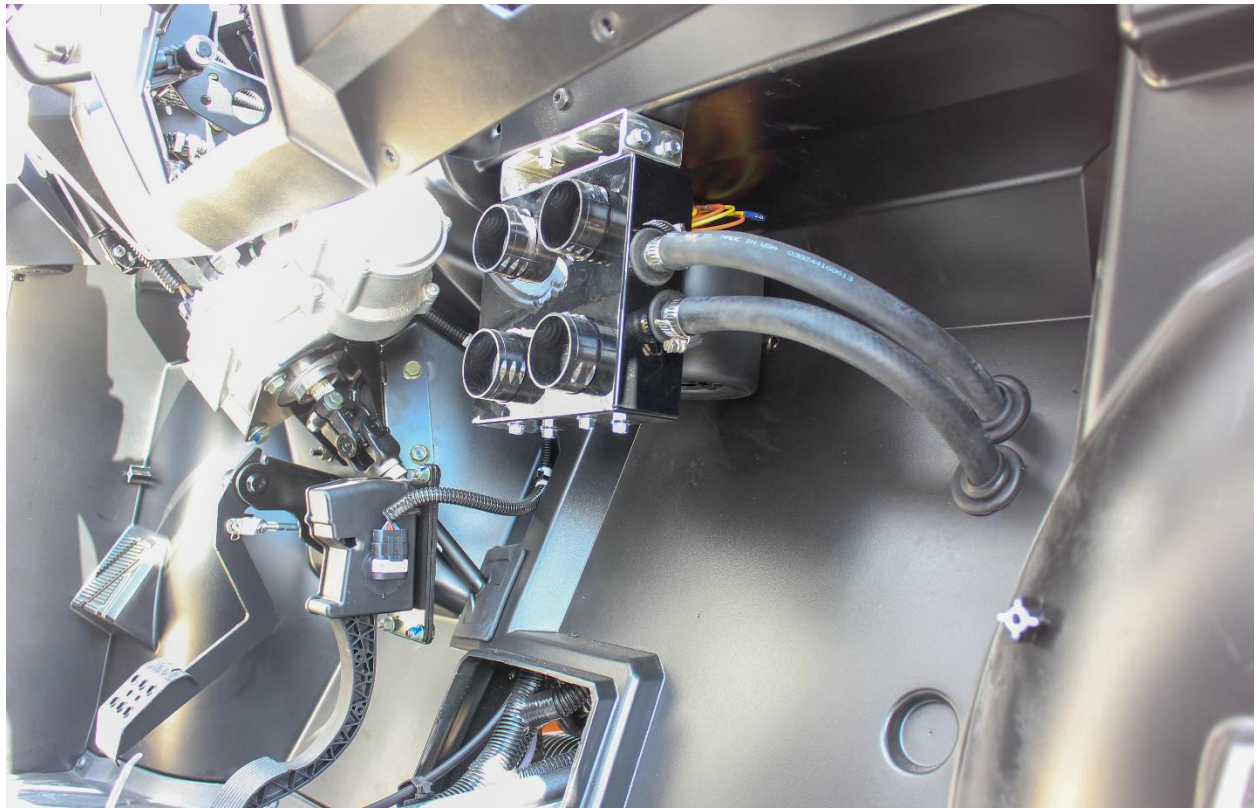
- 30) Refill the radiator and check for leaks.
- 31) Start the machine and allow the engine to warm up and circulate the coolant.
- 32) Test drive the vehicle and put it under a load, this will help expel air from the system.
- 33) When done let the machine cool down, recheck the coolant level and refill coolant.
- 34) 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.



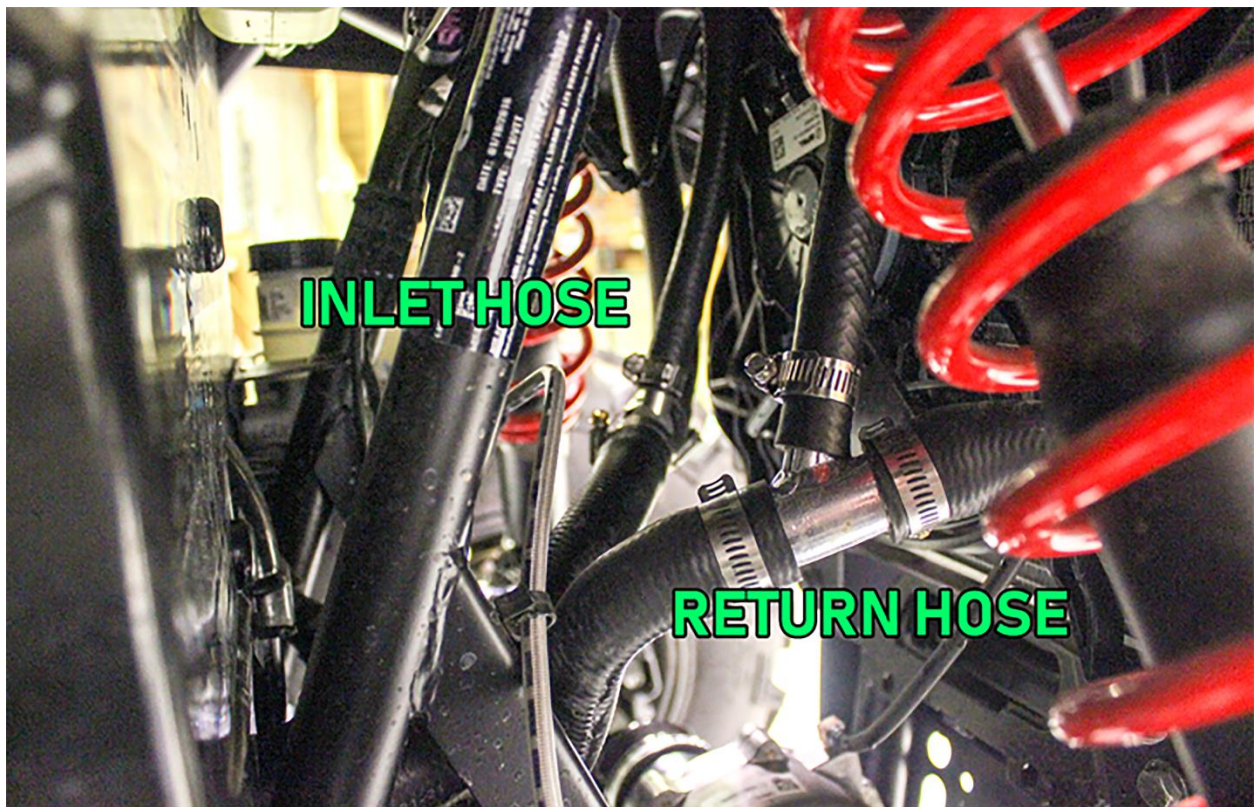
PIC01



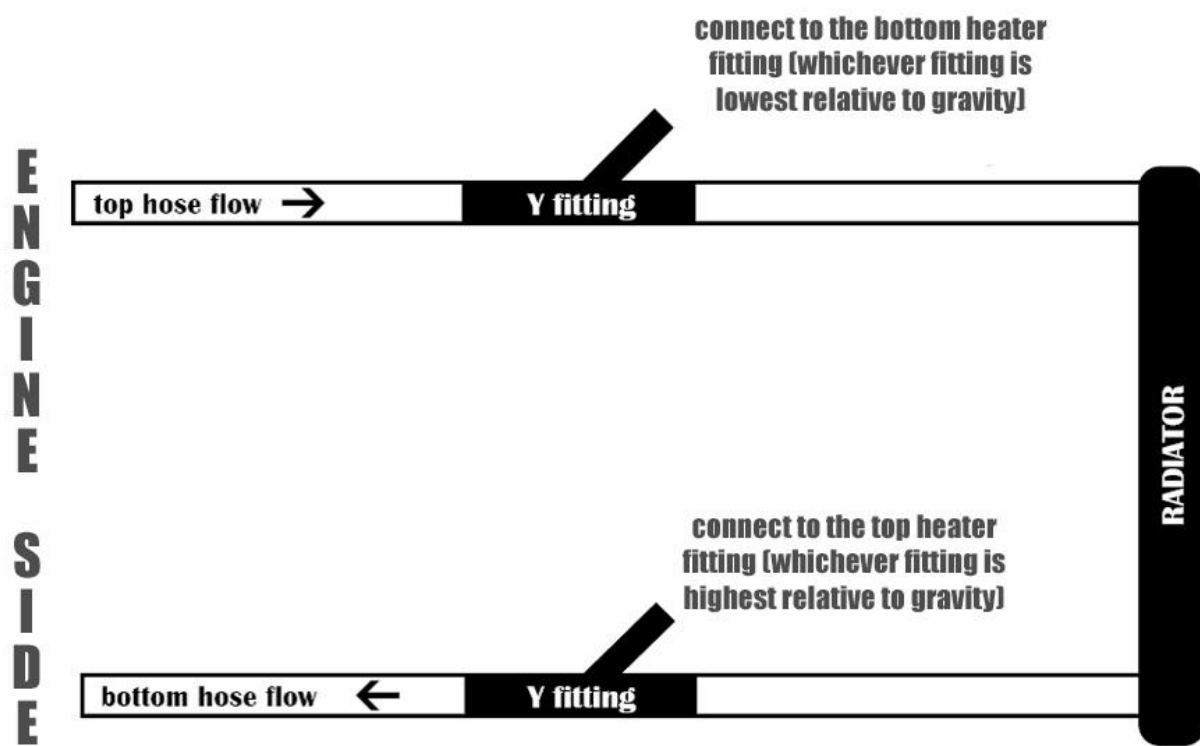
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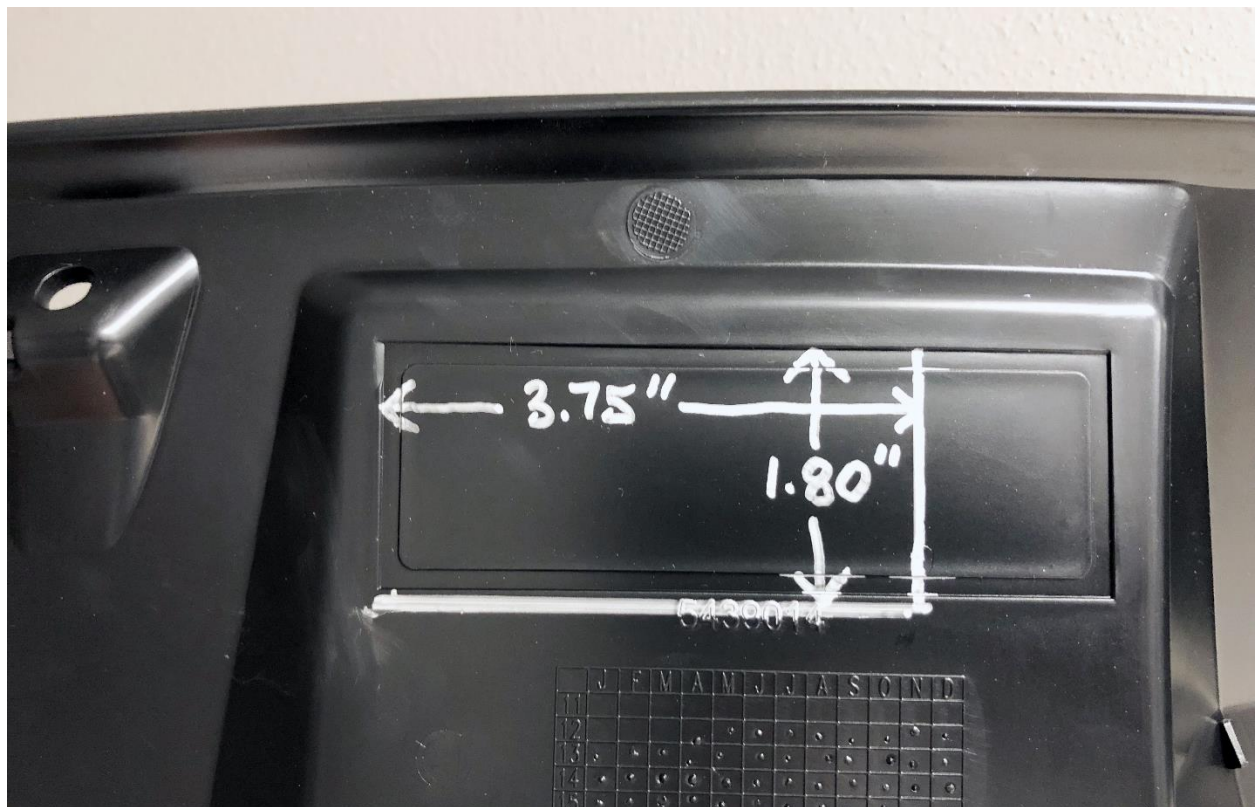
PIC03



PIC04



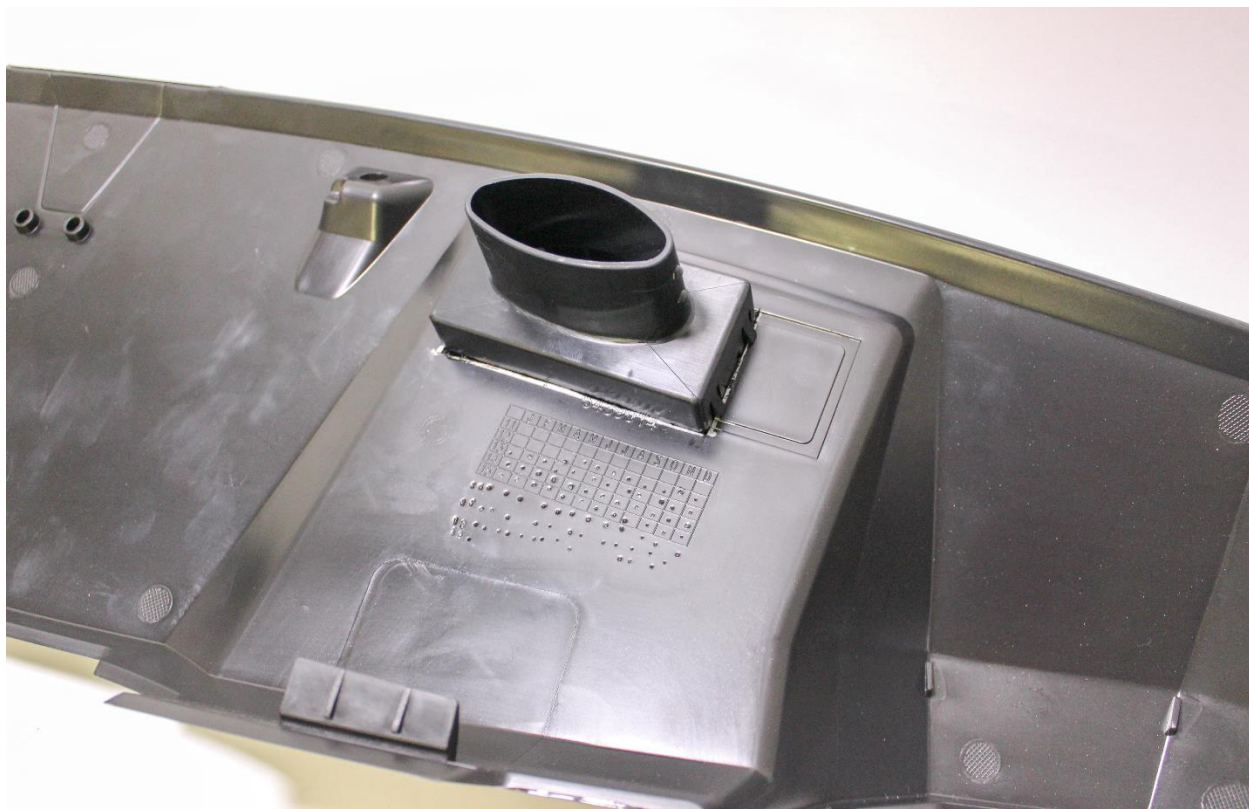
PIC05



PIC06



PIC07



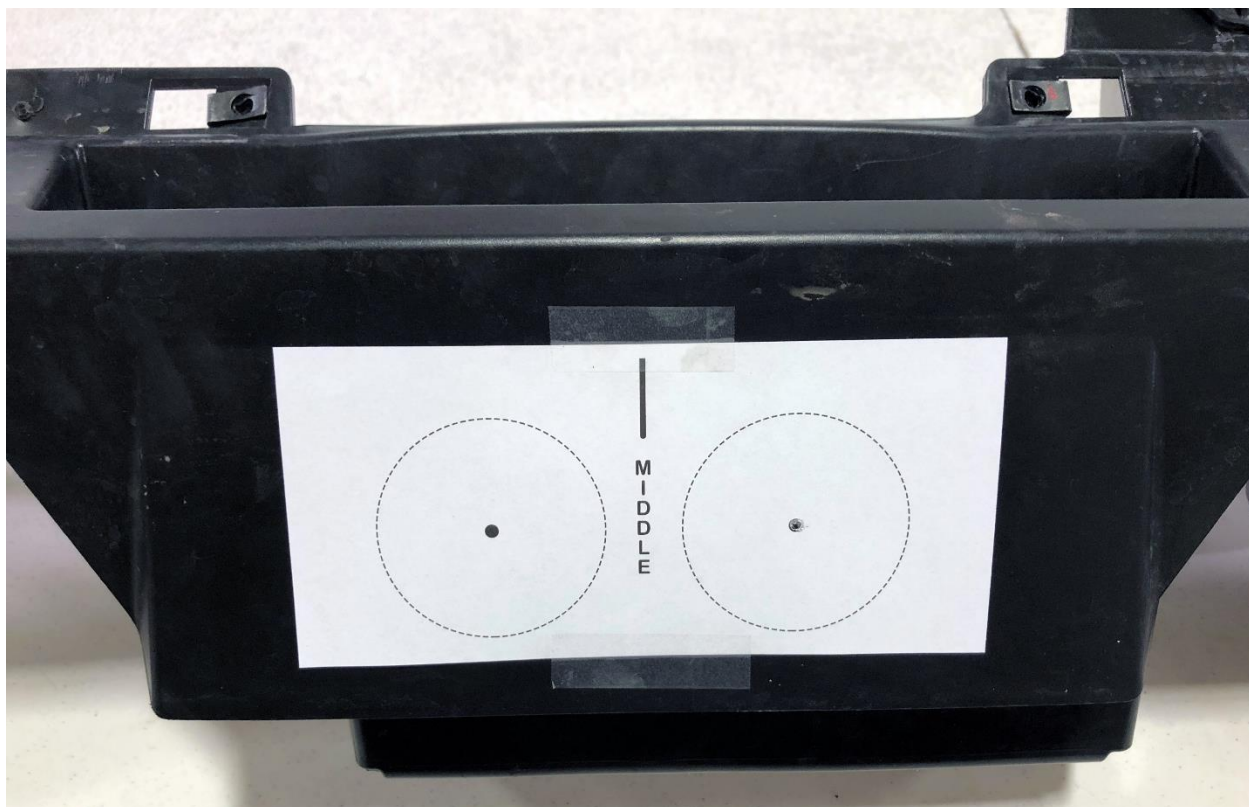
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PIC09



PIC10



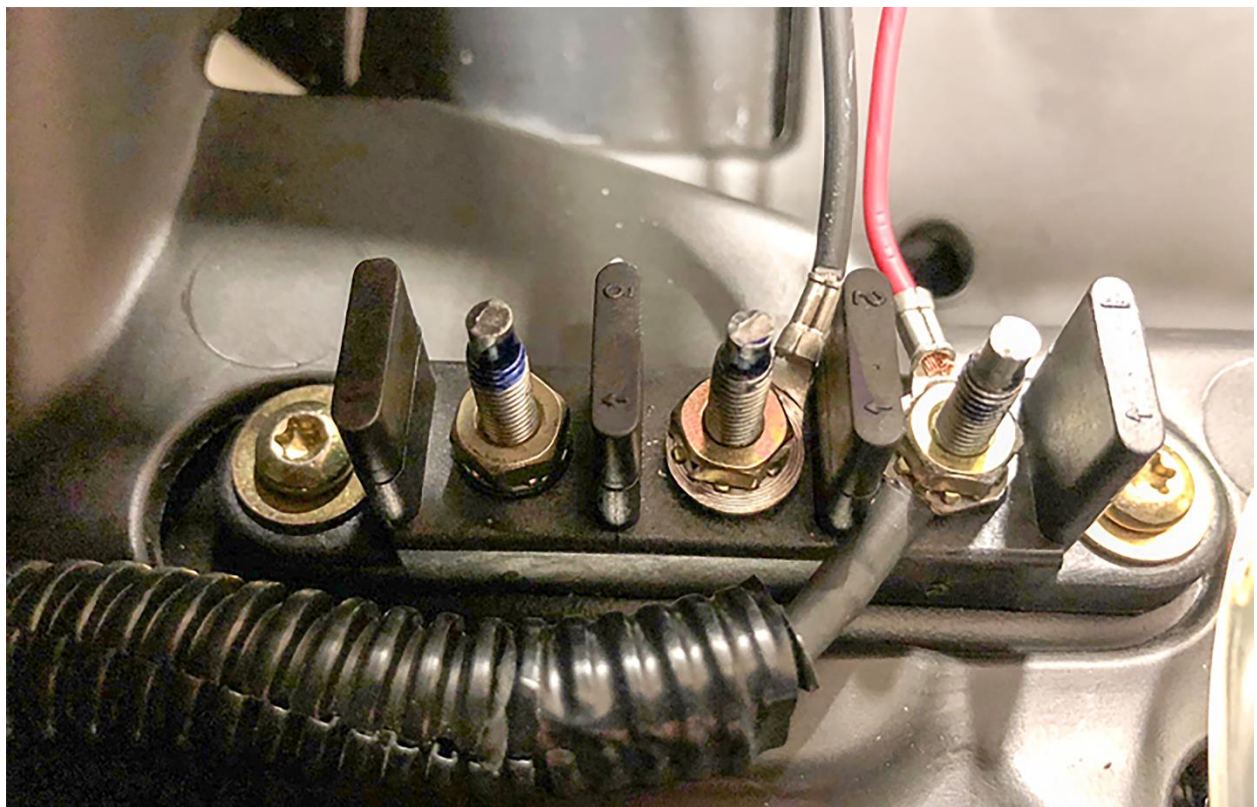
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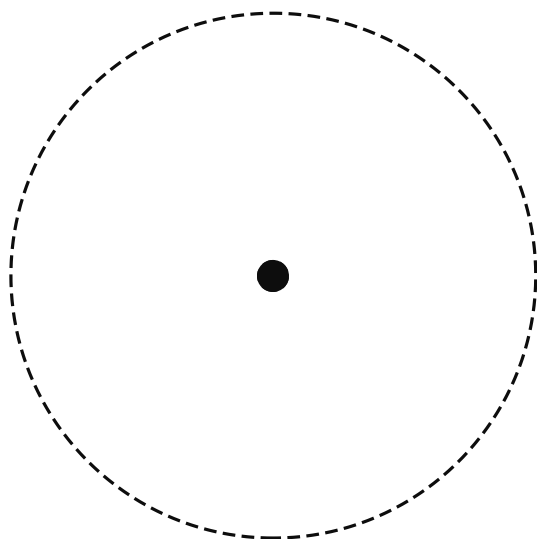
PIC12



PIC13



PIC14



MIDDLE

