POLARIS RZR XP 1000 (2019-Current)
POLARIS RZR TURBO (2019-Current)
POLARIS RZR TURBO S (2018-Current)
Direct-Fit Cab Heater with Defrost

STEP 1: PRE-INSTALLATION

1) Remove the Hood, the Grab Bar, the Top Dash panel, the Middle Dash panel, and the Glove Box **(PIC01)**.
2) The Glove Box is a 2-piece mold. Unfold the two pieces and make a cut down the folded edge and remove back half of the Glove Box
3) Install the Glove Box cut-out included in the kit **(PIC02)**.
    - Use the black screws provided to screw the cut-out into the Glove Box flange.
    - The Glove Box will get put back in later in the installation.

STEP 2: MOUNTING THE HEATER

4) Cut and Install the four runs of duct on the heater box adapters, see **PIC03** for the length and location for each run of duct. It is easier to zip tie the duct to the heater box adapters before the box is mounted.
5) Set the heater box in place and use one of the self-tapping screws to mount it to the square framing bar (circled in green on **PIC03**).
    - You will use the other self-tapping screw later in the installation.
6) Using the (2) bolts, (2) washers and (2) nylock nuts, install the bottom bracket through the firewall, as shown in **PIC04**.

STEP 3: SPLICE INTO THE COOLANT LINES

7) Using a 1-3/8" hole-saw install the two rubber grommets **(PIC05)**.
8) Use the Y-Fitting provided and splice into the lower radiator hose (return line) **(PIC06)**.
    - Make sure the 5/8" splice is pointing toward the radiator, you want the coolant to flow back into the radiator line in the same direction it is moving from the radiator.
    - If you have a Turbo model, you will have to install the Y-Fitting onto the overflow tank hose. Remove the 3 screws holding the tank in place and gain access to the 1" hose (**PIC07**) (**PIC08**). Make sure the splice it pointing up.
9) Cut a 4-foot piece of heater hose and connect it to the Y-Fitting. Then run this hose through one of the grommets and connect to a heater core fitting (either fitting works).
10) From the passenger side rear wheel well, locate the oil cooler line. Make a cut in the oil cooler line and install the Tee-Valve (**PIC09**), secure with hose clamps provided.
    - Refer to **PIC10** and **PIC11** for the position of the butterfly handle when the Heater is ON and OFF. Note the handle is on the bottom of the Tee when installed (handle is facing down).
    - When ON all of the coolant will be diverted to the heater and returned to the engine at the Y-Fitting. When OFF all the coolant will flow to the water pump.

11) Using a 10mm socket remove the main skid plate from underneath the machine.
12) Run the remaining heater hose from the front of the machine to the T-Valve.
    - Run the hose down the front of the radiator and under the machine.
    - Run the hose above the hanger bearing mount to avoid the drive shaft.
    - Use the extra zip ties included to tie the hose away from the drive shaft, if needed.
13) Once to the back of the machine, connect the heater hose to the T-Fitting **(PIC09)**.
14) Both runs of heater hose will meet up at the front of the machine and run to the heater in the same direction.
    - Run them up in front of the radiator fan and follow them up into the passenger side fender and into the rubber grommets.
    - There are extra zip ties included in the kit to tie the hose to existing framing, keeping it away from the suspension.
15) Connect both hoses to the heater core and secure with hose clamps provided **(PIC04)**.

STEP 4: WIRING

16) Remove one of the factory switch plates and install the rocker switch provided.
17) Using the wiring harness provided, plug the switch connecter into the back of the rocker switch.
18) Using the wiring harness provided, run the blower fan connector to the heater box and plug it into the heater blower.
19) Using the wiring harness provided, run the red and black wires through the fire wall grommet and install the eyelets on the 12v accessory bar **(PIC12)**.
20) Once the wiring is complete test it to make sure the blower runs properly.
21) Install the glove box back in place (**PIC13**).
22) Install the passenger side open storage compartment and install the 2nd self-tapping screw (**PIC14**).
23) Install the rest of the cab panels that were removed in **STEP 1**, except the top dash panel, which the defrost louvers will be installed on in **STEP 5**.

STEP 5: INSTALL LOUVERS AND RUN DUCT

24) Set the floor louver plate against the edge of the lower dash and mark the spots the holes will be drilled to attach the plate to the machine (**PIC15**).
25) Drill 3/16" holes on your marks for the rivets.
26) Before installing the plate, install the (2) louvers. Use adapter clips provided for maximum duct hold.
    - There is a hole for the blue floor light on the louver plate, if desired.
27) Using the (2) rivets, install the plate (**PIC15**).
28) Run the 28" duct runs to the floor louver adapters and secure with the zip ties provided.
29) For the defrost louvers, use the cut-out templates provided and tape them in the following locations (**PIC16**) (**PIC17**).
    - Make sure to drive the edge of the cut-out template as far into the windshield seal as possible, without touching it. By doing this, the louver adapter will clear the back of the passenger side open storage compartment.
30) Measure for symmetry then drill pilot holes for the hole-saw (**PIC18**).

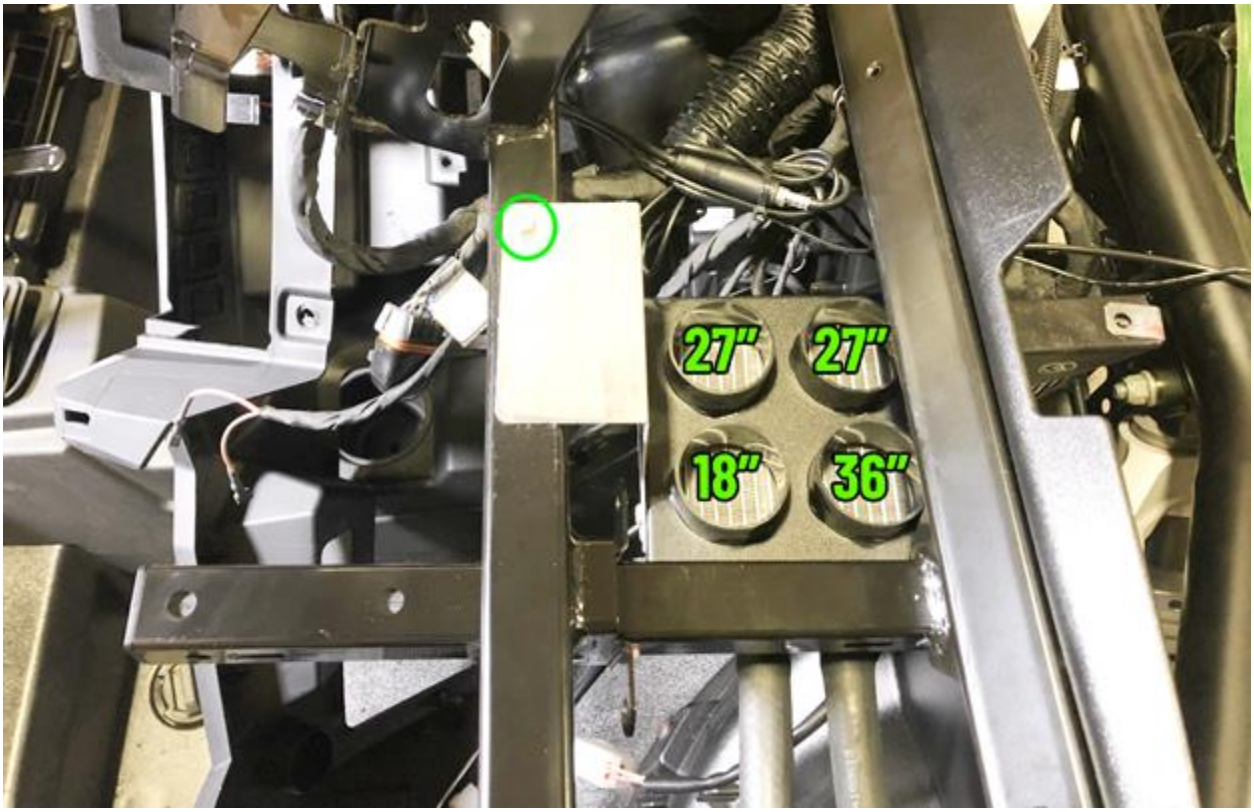
31) Using a 2-1/8” hole-saw drill out the holes and install the defrost louvers (**PIC19**) (**PIC20**). Use adapter clips provided for maximum duct hold.
32) Install the defrost duct runs onto the defrost louvers and re-install the top dash panel.

STEP 6: REFILL COOLANT

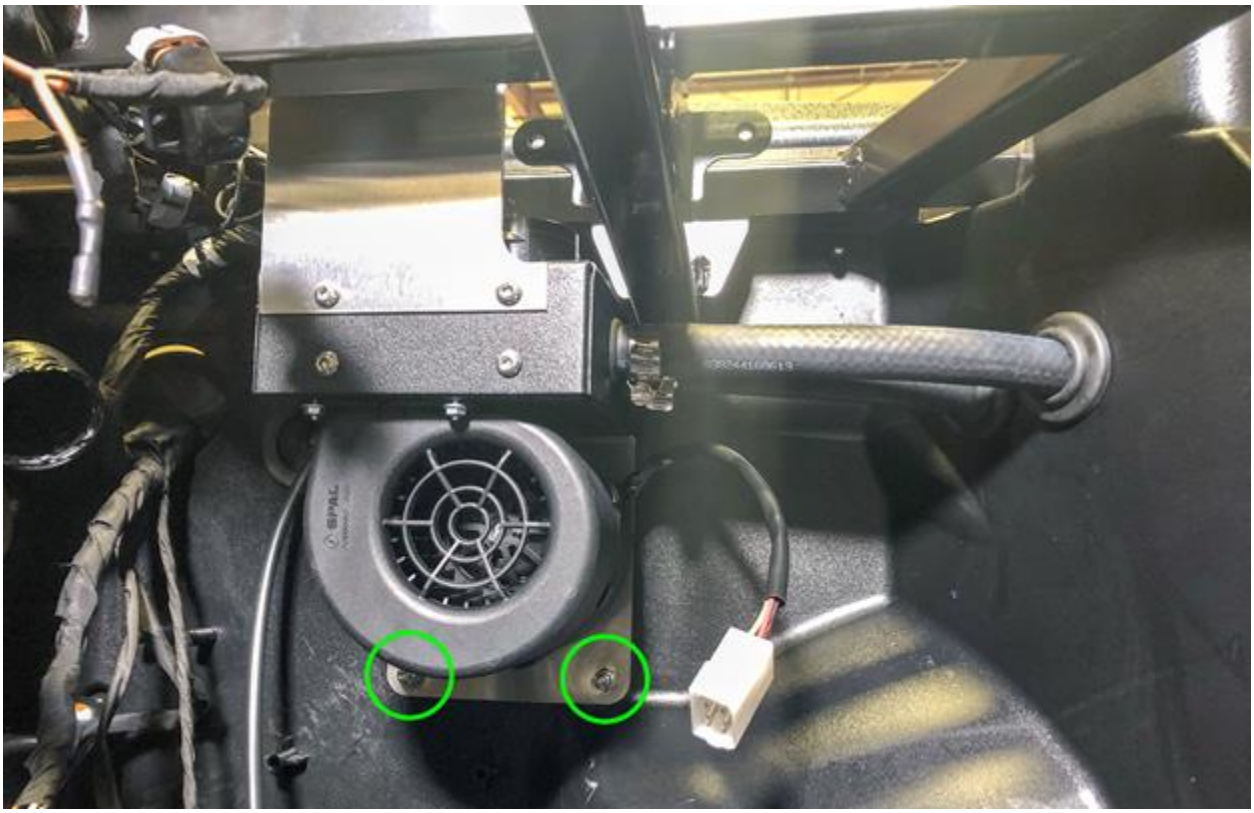
33) Refill the radiator and check for leaks.
34) Start the machine and allow the engine to warm up and circulate the coolant.
35) Drive the vehicle and put it under a good load, this will help expel air from the system.
36) When done let the machine cool down, recheck the coolant level and refill coolant if needed.
37) 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

PIC02

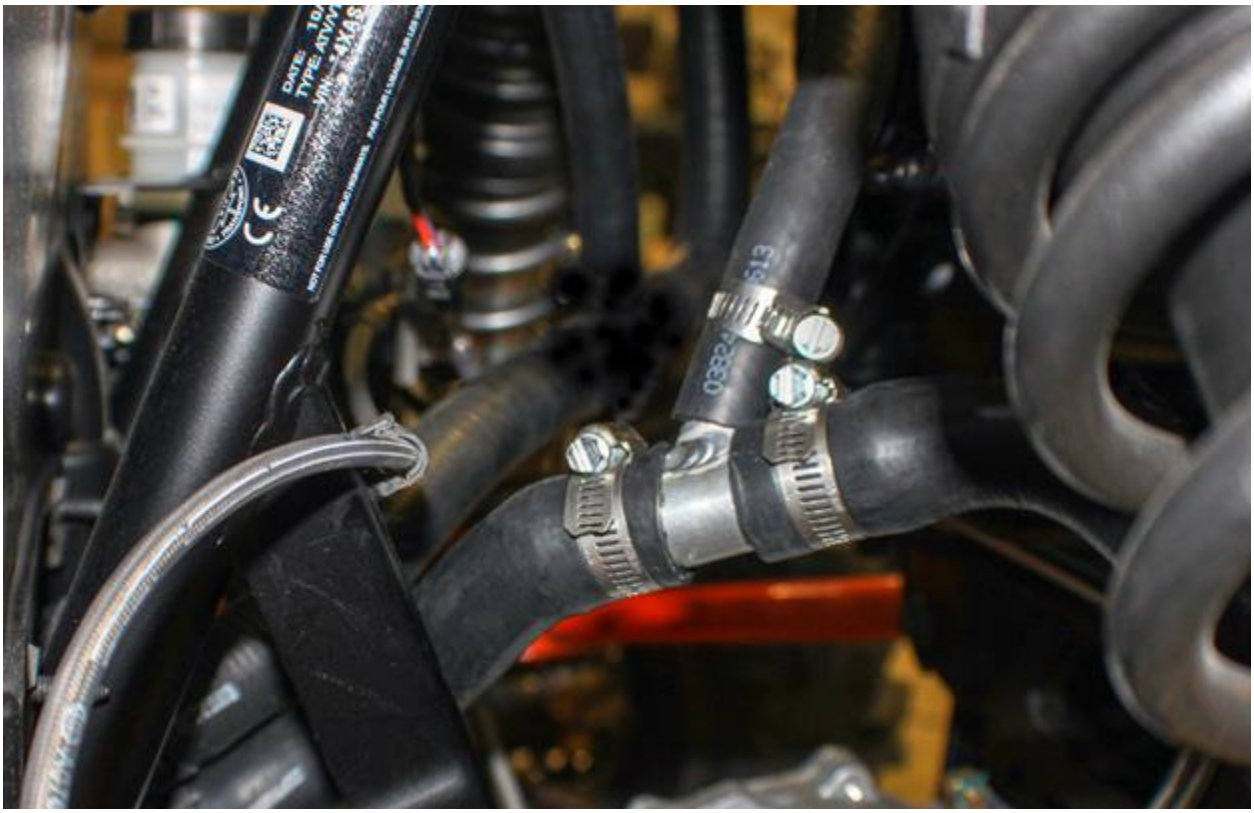


PIC03



PIC04

PIC05



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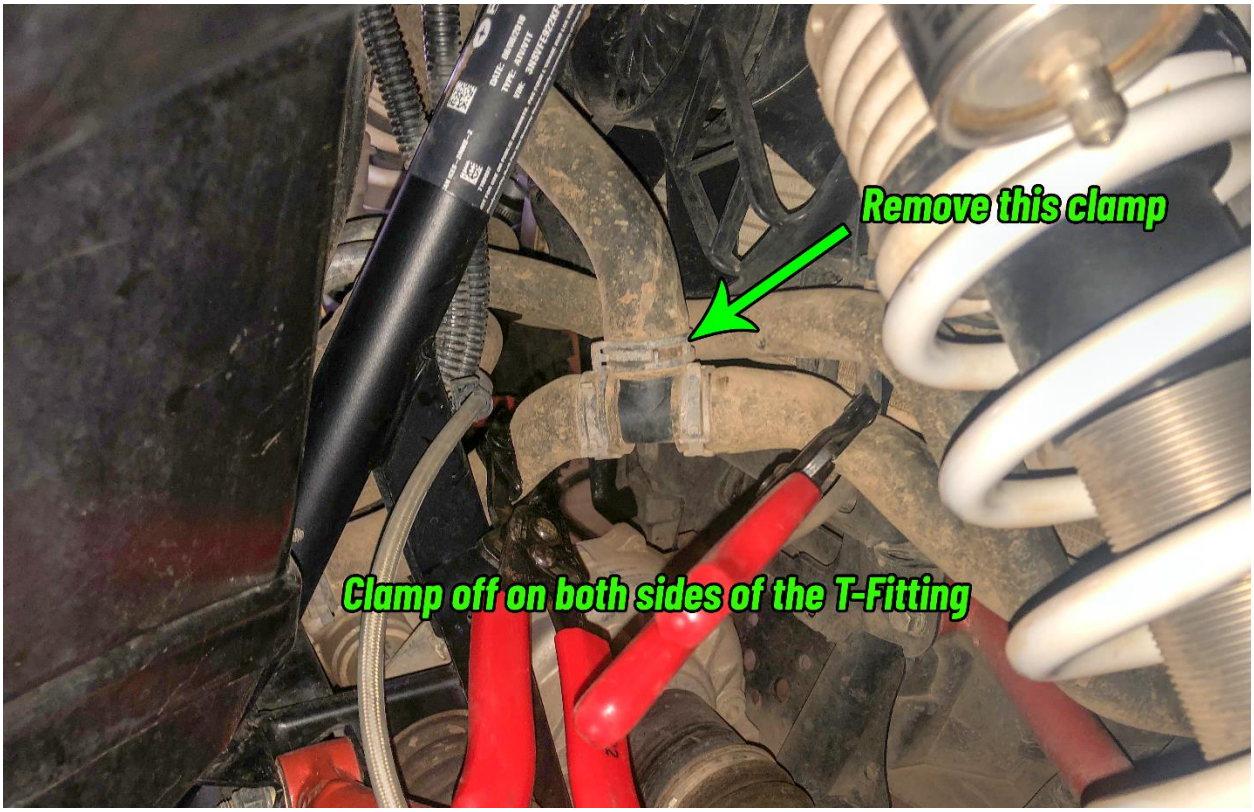
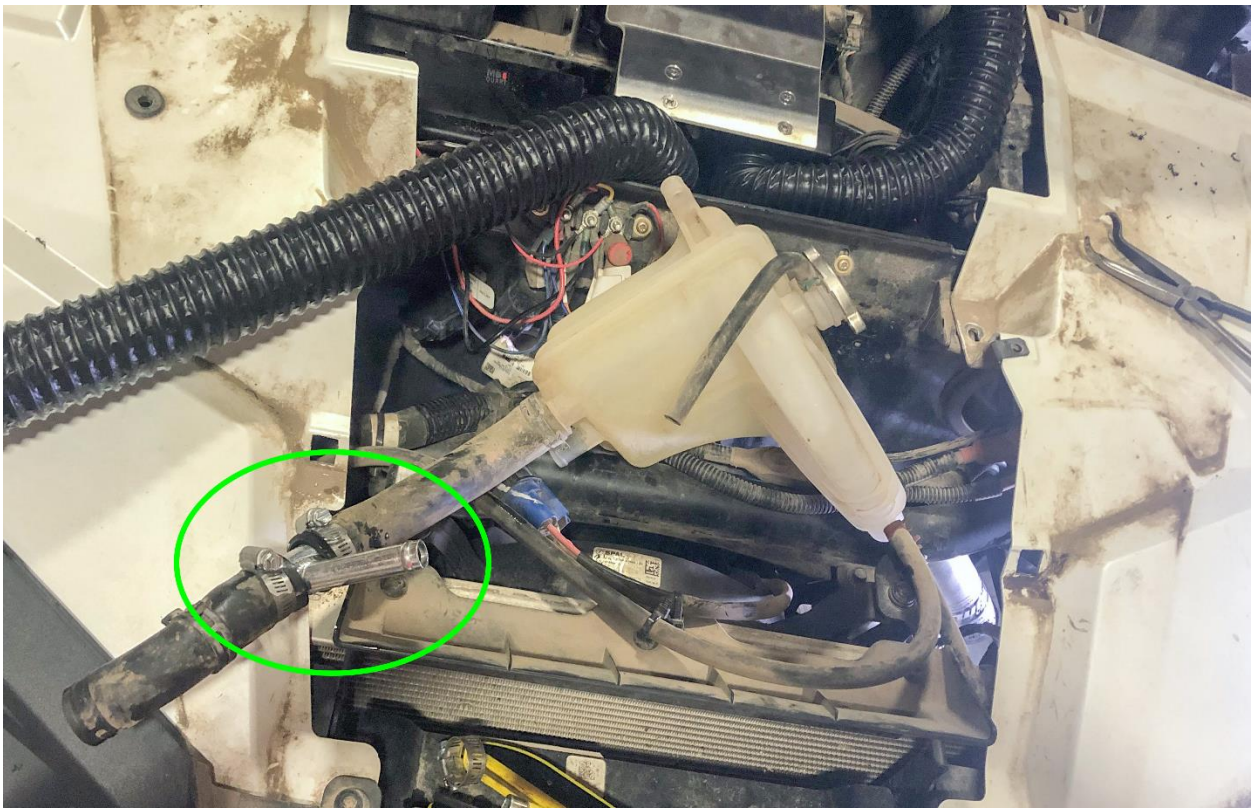
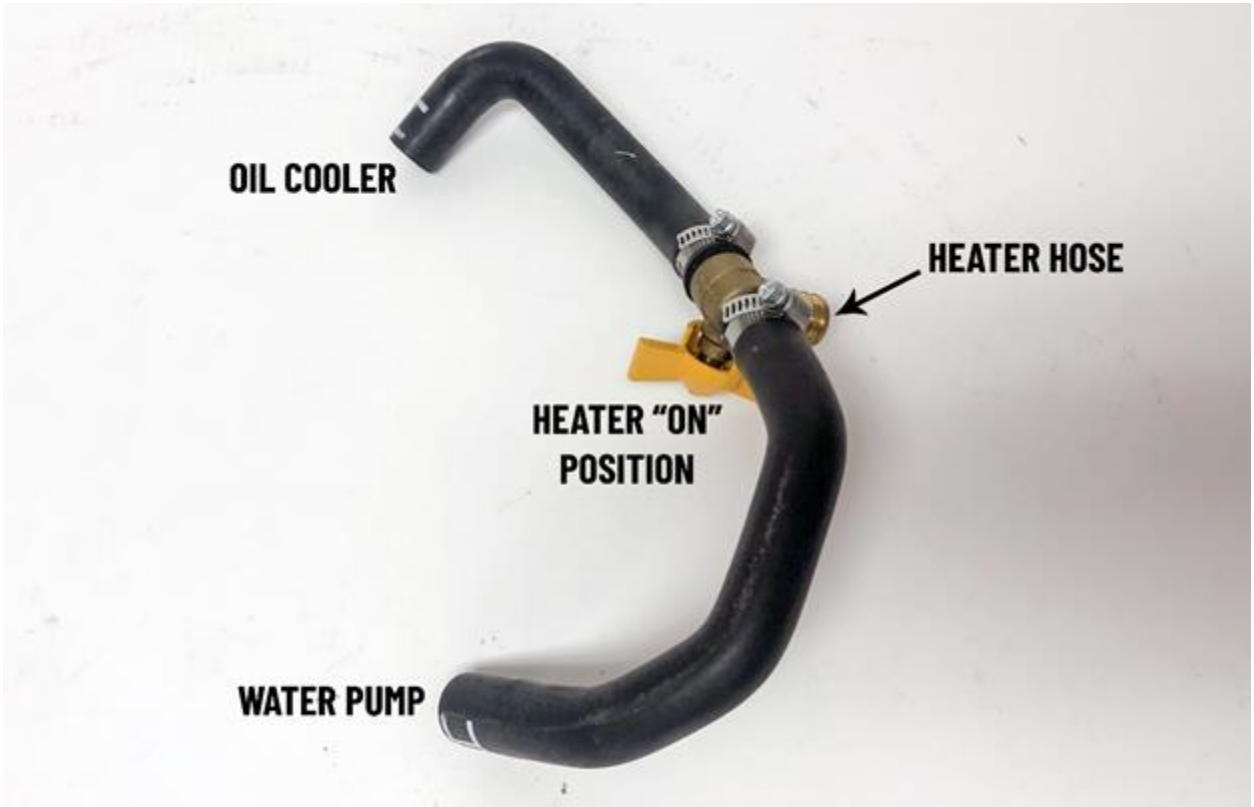


PIC07

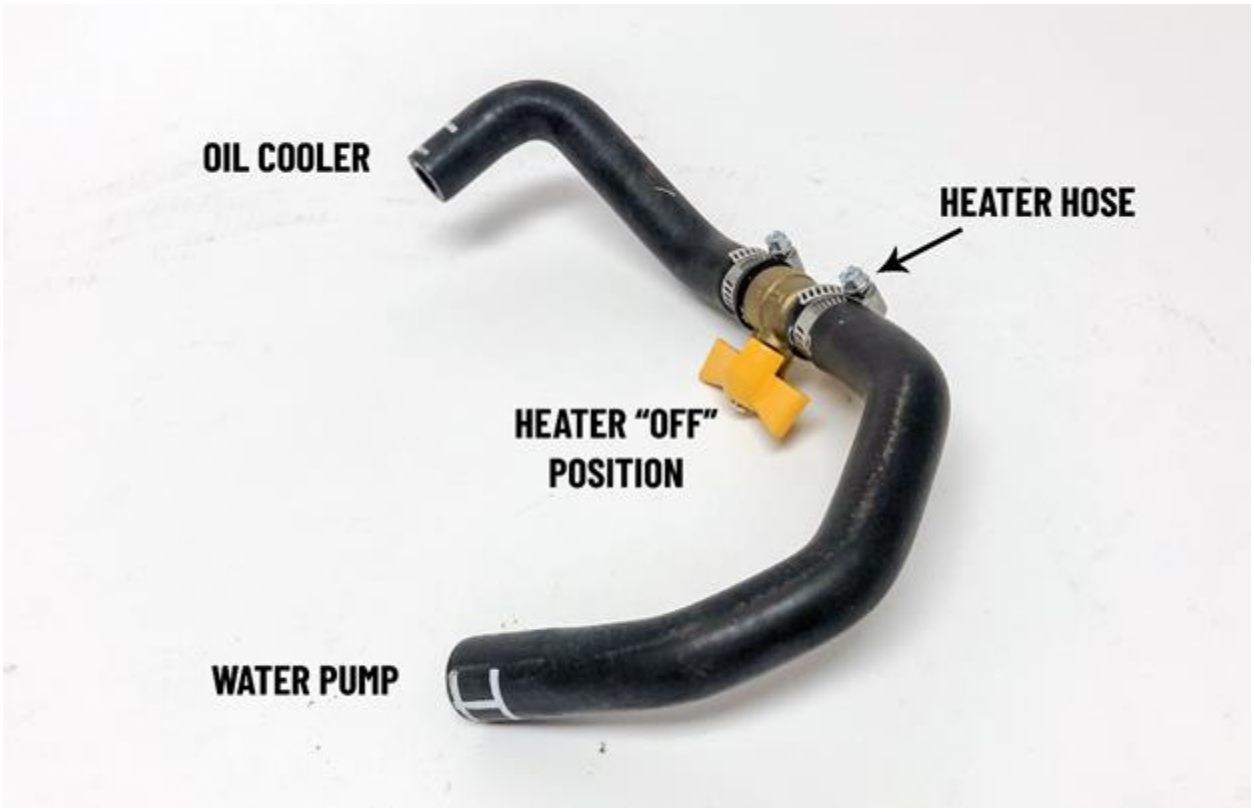


PIC08

PIC09



PIC10



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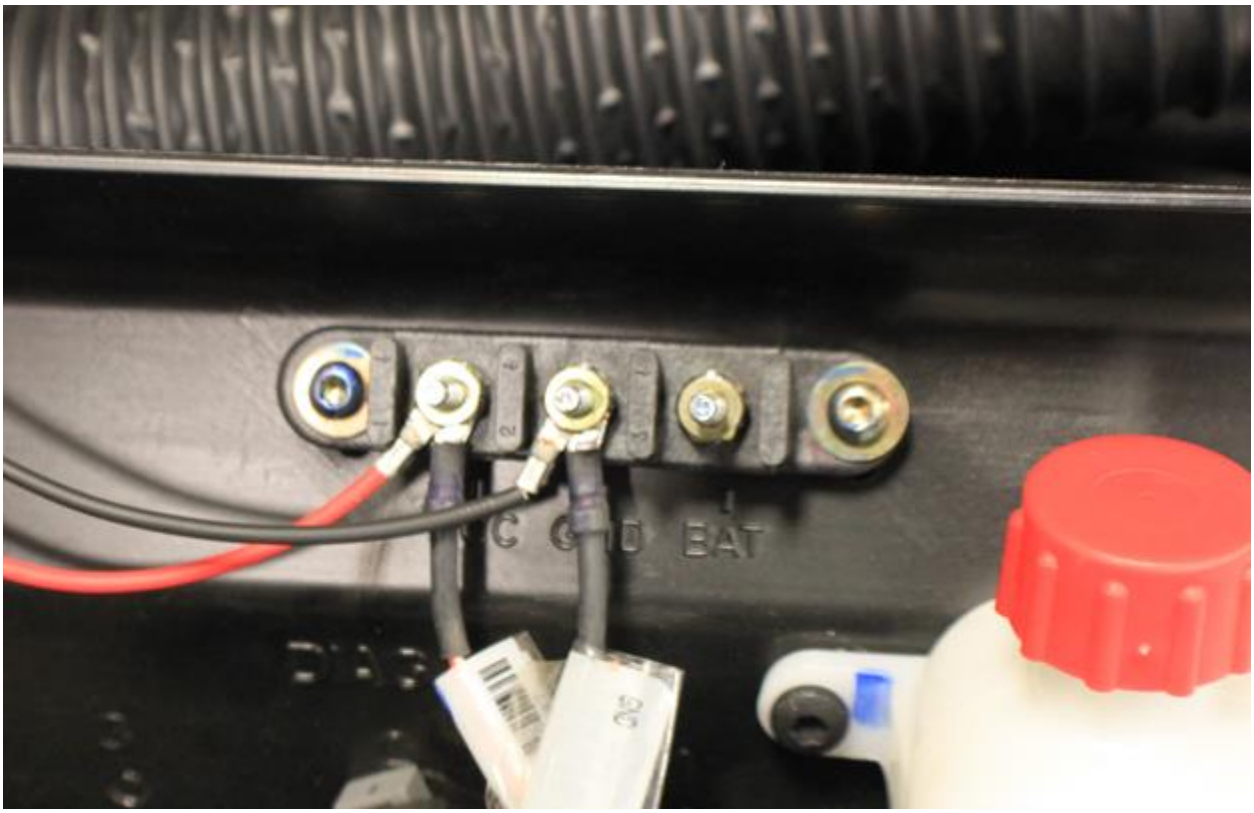
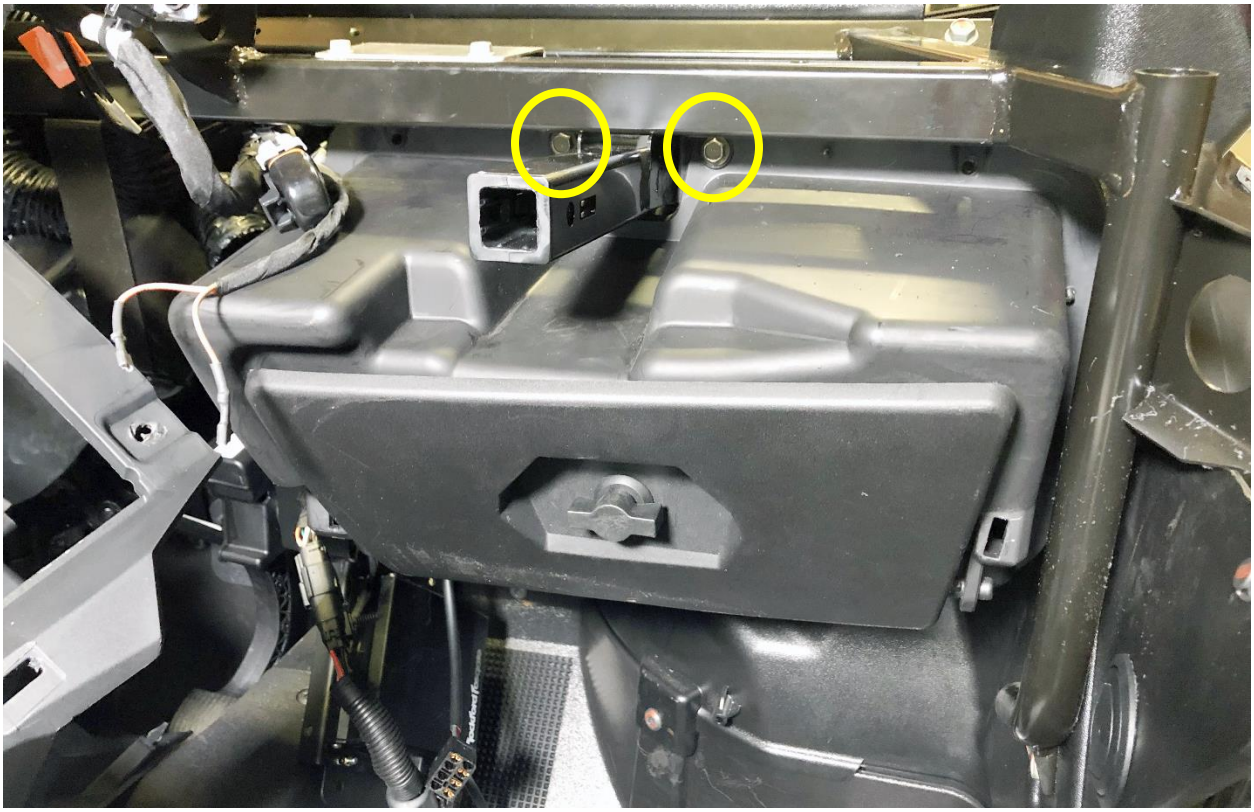


PIC12



PIC13

PIC14

PIC15

PIC16

PIC17

PIC18

PIC19

PIC20