

POLARIS RZR PRO XP (2019-Current)

Direct-Fit Cab Heater with Defrost

STEP 1: PRE-INSTALLATION

- 1) Remove the passenger side glove box (**PIC01**).
- 2) Remove the center storage compartment (**PIC02**).
- 3) Take the two-piece passenger side glove box and remove the screws holding the two pieces together (**PIC03**).

STEP 2: MOUNTING THE HEATER

- 4) Remove the 4 bolts holding the spacers on the heater box (**PIC04**).
- 5) Take the mounting plate and set it on the spacers and shown in PIC05, then secure it to the heater box with the 4 bolts (**PIC05**).
- 6) Set the top half of the passenger side glove box on the mounting plate and secure with the self-tapping screws provided (**PIC06**).
- 7) Set the glove box/heater back in place and mark on the firewall where the heater core fittings point. You want the heater hose to go straight through the firewall.
- 8) Using a 1-3/8" hole-saw install the two rubber grommets into the firewall (**PIC07**).
- 9) Set the glove box/heater on the passenger side floor (**PIC08**).
- 10) Take the heater hose and cut a 3-foot piece of hose. Slide this piece through the upper rubber grommet and secure it to the upper (relative to gravity) heater core fitting and secure with the hose clamps provided (**PIC08**).
- 11) Take the remaining hose and run it through the lower rubber grommet and secure it to the lower (relative to gravity) heater core fitting with the hose clamps provided (**PIC08**).
- 12) Slowly raise the glove box/heater back into place, and as you do, feed the heater hose through the rubber grommets.
- 13) Once in place re-mount the glove box to the dash with the (4) factory bolts previously removed (**PIC09**).

STEP 3: SPLICE INTO THE COOLANT LINES

- 14) Just behind the radiator is a bracket holding the radiator lines in place, remove this bracket (**PIC10**).
- 15) Use the Y-Fitting provided and splice into the lower radiator hose (return line), secure with the hose clamps provided (**PIC11**).
 - 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.
- 16) Connect the 3-foot piece of heater hose to the return Y-Fitting, trim as needed and secure with the hose clamps provided.
- 17) Re-install the bracket holding the radiator lines in place.
- 18) Locate the oil cooler line from the rear passenger side rear wheel well.
 - To gain better access to the oil cooler line, wedge the hoses pointed to by the green arrow in **PIC12**, above the heat shield.
- 19) Using clamps, pinch off the oil cooler line on each side of where you will make the cut.

- 20) Cut the oil cooler line and install the T-Fitting (**PIC13**), secure with the hose clamps provided. This picture is of the RZR XP 1000, but the diagram is easier to see without all the other hoses in the way and the set-up is the same.
- 21) Remove the main underbelly skid plate and run the inlet line heater hose to the T-Fitting, trim as needed and secure with the hose clamps provided (**PIC13**).
 - Following the radiator lines and then feed it up and over to the T-Fitting.
 - Make sure to NOT kink the hose when you are feeding it underneath the machine.

STEP4: INSTALL LOUVERS AND RUN DUCT

- 22) Using the cut-out templates provided, tape them in the defrost louver locations (**PIC14**).
- 23) Using a 2.5" hole-saw drill out the holes for the defrost louvers.
- 24) Cut a 28" (driver side) piece of duct and a 15" (passenger side) piece of duct and secure them to the backside adapter of the louvers (**PIC15**).
 - The louvers screw off into 2 separate pieces.
- 25) Install the (2) defrost louvers into the open holes (**PIC16**). Connect the open end of the duct runs to the heater box adapters, secure using the zip ties provided.
 - **Note:** be careful not to get poked by the self-tapping screws when running duct!
- 26) Remove the side fender panels (**PIC17**).
- 27) Using a 2.5" hole-saw drill out the holes for the floor louvers (**PIC17**).
- 28) Cut a 53" (driver side) piece of duct and a 36" (passenger side) piece of duct and secure them to the backside adapter of the louvers (**PIC18**) (**PIC19**).
 - The louvers screw off into 2 separate pieces.
- 29) Install the (2) defrost louvers into the open holes (**PIC20**). Connect the open end of the duct runs to the heater box adapters, secure using the zip ties provided.
- 30) Install the fender panels back onto the machine.

STEP 5: WIRING

- 31) Remove one of the factory switch plates and install the rocker switch provided.
- 32) Using the wiring harness, plug the switch connector into the back of the rocker switch.
- 33) Using the wiring harness, run the white connector to the heater and plug it into the blower.
- 34) Using the wiring harness, run the red and black wires to the 12v accessory bar (**PIC21**).
- 35) Once the wiring is complete test it to make sure the blower runs properly.
- 36) You can now reinstall all the body panels back onto the machine.

STEP 6: REFILL COOLANT

- 37) Refill the radiator and check for leaks.
- 38) Start the machine and allow the engine to warm up and circulate the coolant.
- 39) Drive the vehicle and put it under a good load, this will help expel air from the system.
- 40) When done let the machine cool down, recheck the coolant level and top off if needed.
- 41) 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



PIC06



PIC07



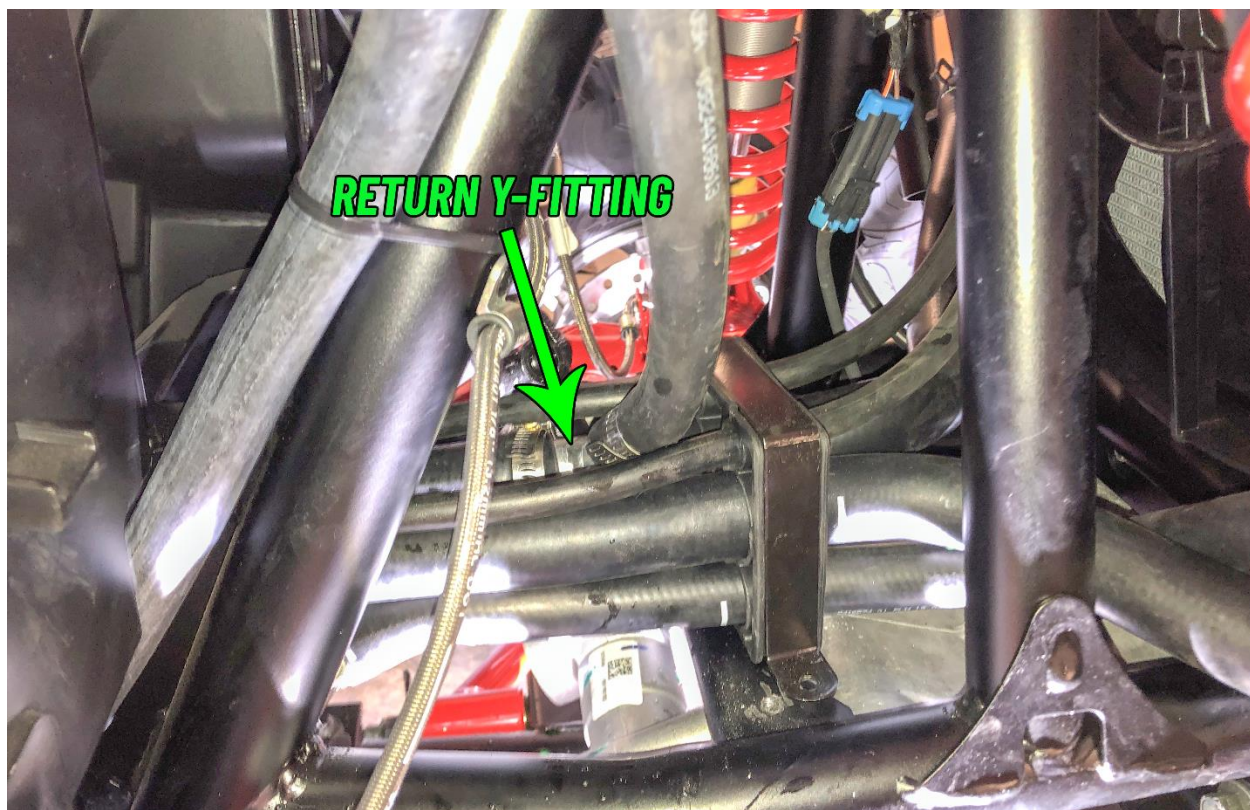
PIC08



PIC09



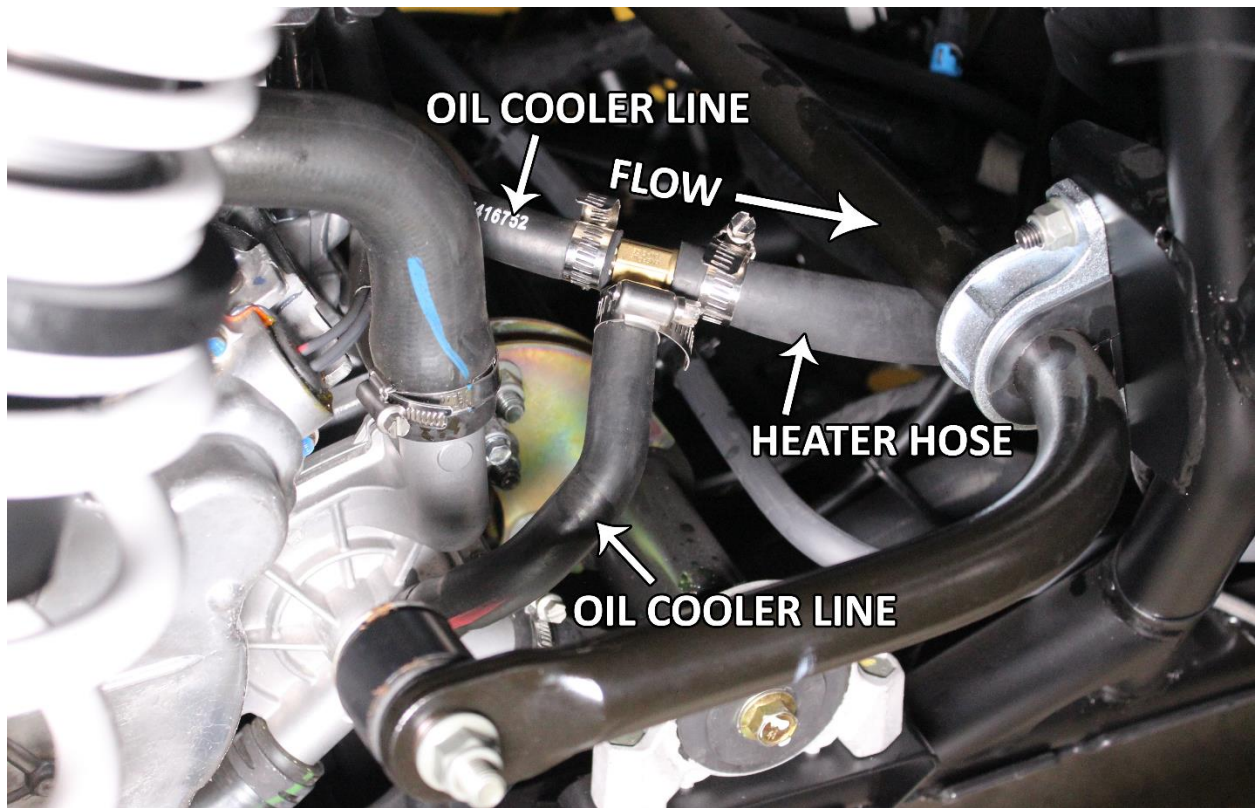
PIC10



PIC11



PIC12



PIC13



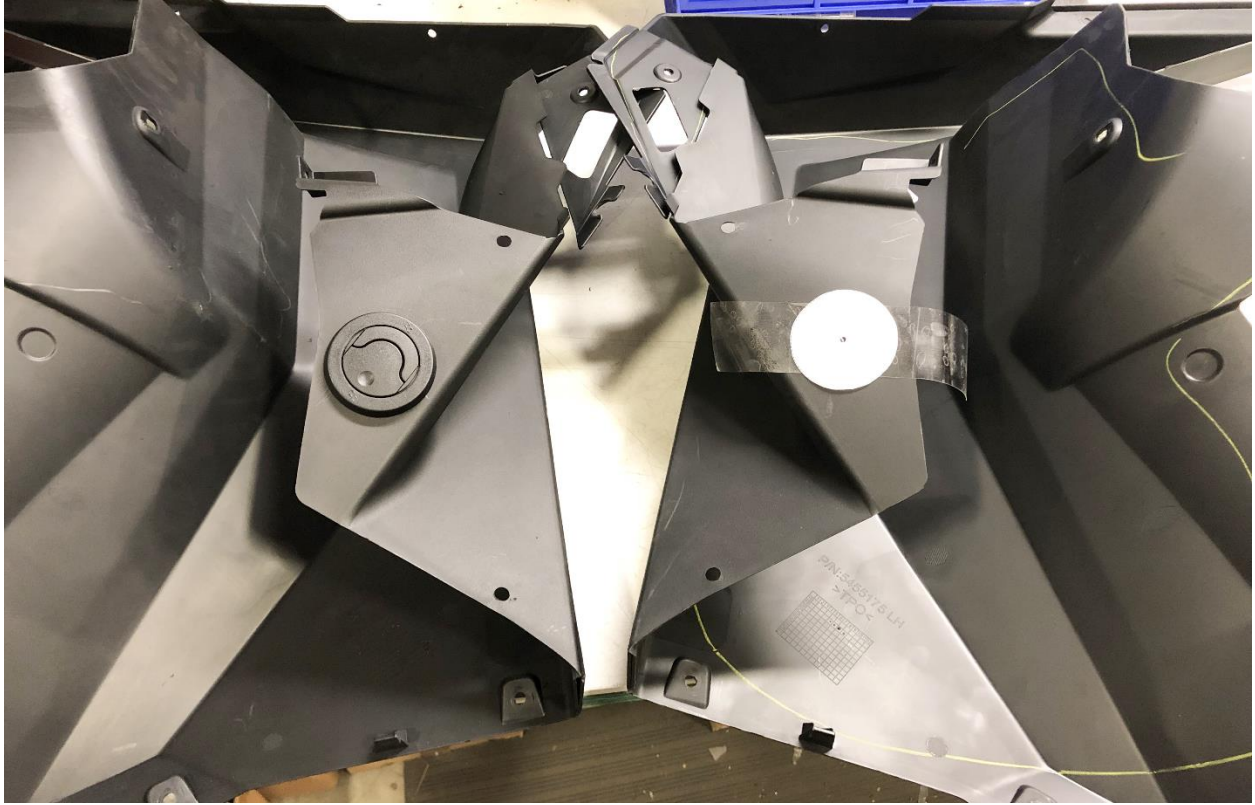
PIC14



PIC15



PIC16



PIC17



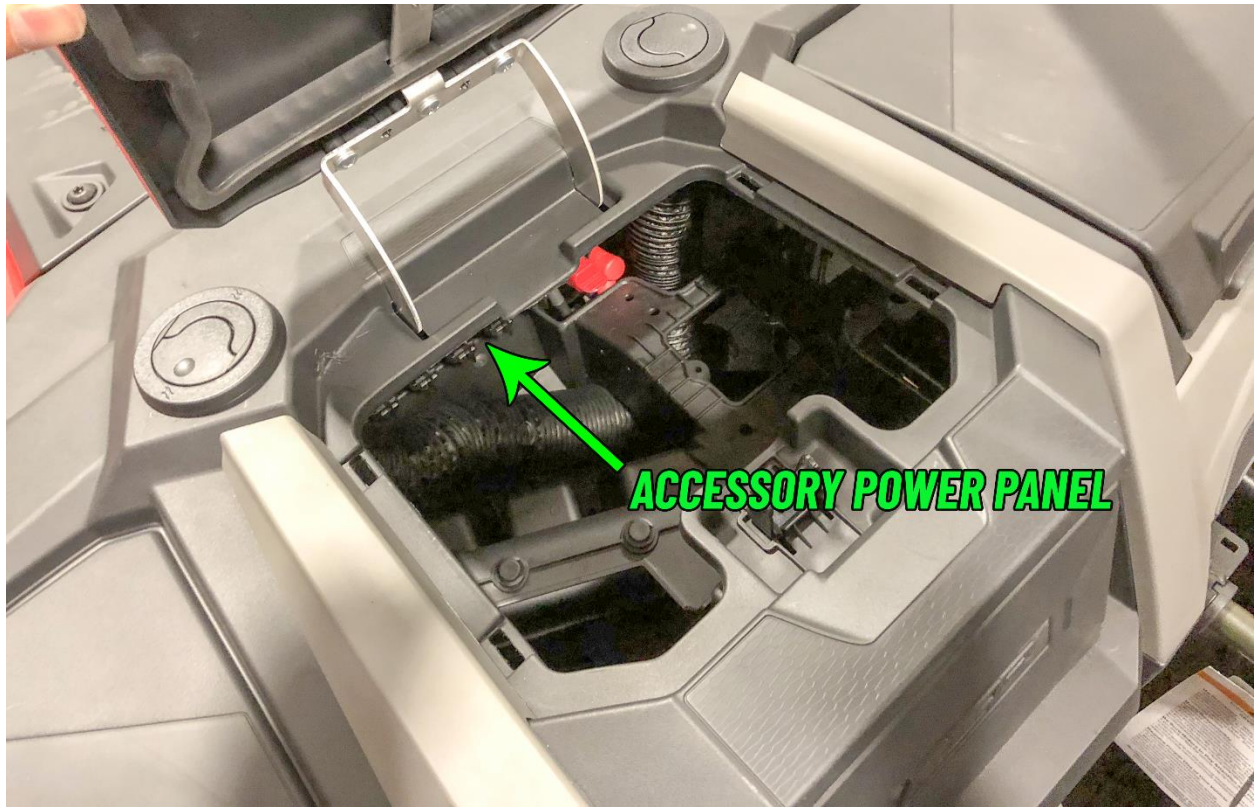
PIC18



PIC19



PIC20



PIC21

