

Polaris Ranger 570 Mid-Size (2022 - Current)

Polaris Ranger 500 (2022 - Current)

Direct-Fit Cab Heater with Defrost

172

### **STEP 1: PRE-INSTALLATION**

- 1) Remove the main hood panel.
- 2) Remove the seat (for splicing into coolant lines in **STEP 2**).
- 3) Remove the top portion of the dash (**PIC01**) (**PIC02**).

### **STEP 2: SPLICE INTO COOLANT LINES**

- 4) The 2-seat model is supplied with 12' of heater hose (19' for crew model), cut the heater hose into (2) equal length pieces.
- 5) Under the seats, locate the factory plastic Tee and clamp off on the hoses on all 3 sides of this Tee (**PIC03**).
- 6) Replace the factory Tee with the aluminum Y Fitting included in the kit (**PIC03**)
  - Make sure the 5/8" splice off this Y-fitting is pointing towards the radiator, you want this coolant to flow back in-line with the natural flow of the coolant.
- 7) Use the PEX coupler supplied with the kit and install it on the end of the smaller hose that was removed from the Tee (**PIC04**).
- 8) Connect both runs of heater hose to the aluminum Y Fitting and PEX coupler (**PIC04**).
- 9) With the seat and the center floor plate removed you will have access to feed the heater hose through to the front of the machine (**PIC05**).
  - Zip tie the heater hoses to the steel radiator lines to keep out of the way of the drive shaft.

### **STEP 3: INSTALLING THE HEATER BOX**

- 10) Connect the heater hose lines to the heater core fittings.
  - Trim heater hose as needed.
  - It does not matter what hose goes to what fitting.
- 11) Set the heater mounting bracket in place and use the bolts provided to mount to the machine framing (**PIC06**) (**PIC07**).

### **STEP 4: INSTALL VENTS AND LOUVERS AND RUN DUCT**

- 12) Stretch your duct out and cut into the following lengths:
  - 30" Passenger Body
  - 30" Driver Body
  - 14" Passenger Defrost
  - 20" Driver Defrost
- 13) With the top dash panel off use the factory defrost embossments (backside of dash panel) to cut the holes for the defrost vents, then install the defrost vents (**PIC08**).
- 14) Using a 2-1/8" hole-saw, cut the body louver openings and install the two circular body louvers (**PIC09**) (**PIC10**).
  - Drill a pilot hole for the hole-saw by using the dimple imprint on the back of the dash plate.
- 15) Connect the four runs of duct from the louvers to the heater box adapters and secure with the zip ties provided.

### **STEP 5: WIRING**

- 16) Cut out a switch opening in one of the factory cutouts (**PIC11**).
  - **NOTE: DO NOT** cut out the entire embossment, it is larger than a standard rocker switch. You will cut short on the top and bottom (**PIC11**).
- 17) Install the rocker switch in the switch opening.
- 18) Using the wiring harness, plug the switch connector into the back of the rocker switch.
- 19) Using the wiring harness provided, run the power wires (red/black) to the front of the machine and install onto the accessory bar (**PIC12**).
- 20) Using the wiring harness provided, plug the white blower connector to the heater blower.

### **STEP 6: REFILL COOLANT**

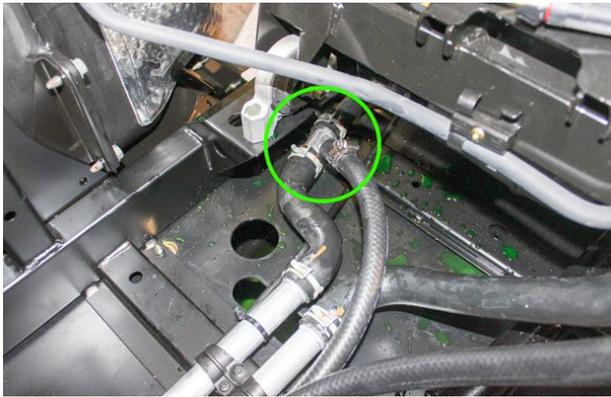
- 21) Refill the radiator and check for leaks.
- 22) Start the machine and allow the engine to warm up and circulate the coolant.
- 23) Test drive the vehicle and put it under a load, this will help expel air from the system.
- 24) When done let the machine cool down, recheck the coolant level and refill coolant.
- 25) 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.



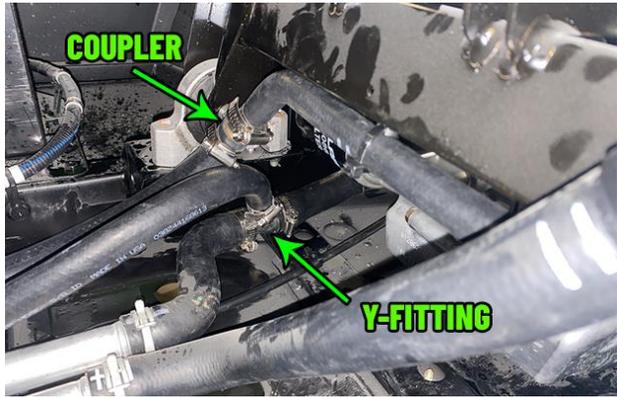
PIC01



PIC02



PIC03



PIC04



PIC05



PIC06



PIC07



PIC08



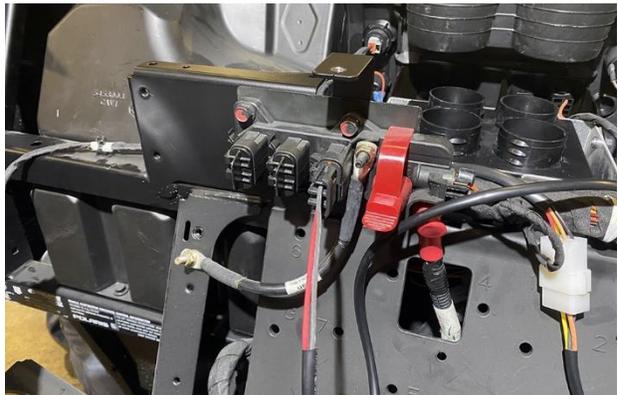
PIC09



PIC10



PIC11



PIC12

