

Polaris Ranger 570 Mid-Size (2014 - 2021)

Polaris Ranger 500 (2017 - 2021)

Direct-Fit Cab Heater with Defrost

167

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

- 1) Lift the hood.
- 2) Remove the seats (for splicing into coolant lines in STEP 3).
- 3) Remove the top portion of the dash.

### **STEP 2: INSTALLING THE HEATER BOX**

- 4) Set the heater mounting bracket over the 1 ½” steel square tubing that runs horizontally under the dash (**PIC01**).
  - Note the location is on the passenger side of the framing.
- 5) Mark the 3 mounting holes and drill pilot holes with a 1/8” drill bit.
- 6) Use the 3 self-tapping screws and securely mount the bracket (**PIC01**).

### **STEP 3: SPLICE INTO COOLANT LINES**

- 7) The 2-seat model is supplied with 14’ of heater hose (22’ for crew model), cut the heater hose into (2) equal length pieces.
- 8) Under the seats, locate the factory plastic Tee and clamp off on the hoses on all 3 sides of this Tee (**PIC02**).
- 9) Replace the factory Tee with the aluminum Y Fitting included in the kit (**PIC02**).
  - 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.
- 10) Use the PEX coupler supplied with the kit and install it on the end of the smaller hose that was removed from the Tee (**PIC03**).
- 11) Connect both runs of heater hose to the aluminum Y Fitting and PEX coupler (**PIC03**).
- 12) 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 (**PIC04**) (**PIC05**).
  - Zip tie the heater hoses to the steel radiator lines to keep out of the way of the drive shaft.

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

- 13) Stretch your duct out and cut into the following lengths:
  - 32” Passenger Body
  - 43” Driver Body
  - 12” Passenger Defrost
  - 18” Driver Defrost
- 14) With the top dash panel off use the cut-out template to mark the hole-saw bit starting points.
- 15) Use a 2.5” hole-saw to drill the hole openings for the defrost louvers.
- 16) Install the (2) defrost louvers (**PIC06**) by screwing the face off of the adapter. Set the face in the hole and screw the adapter on the backside. Insert the duct barbs on the adapter for max hold.
- 17) Using a 2.5” circle saw, cut the louver openings, and install the two circular body louvers (**PIC07**).
  - The floor/body louvers can be put wherever the installer prefers, we put ours on the outsides above the cup holders.

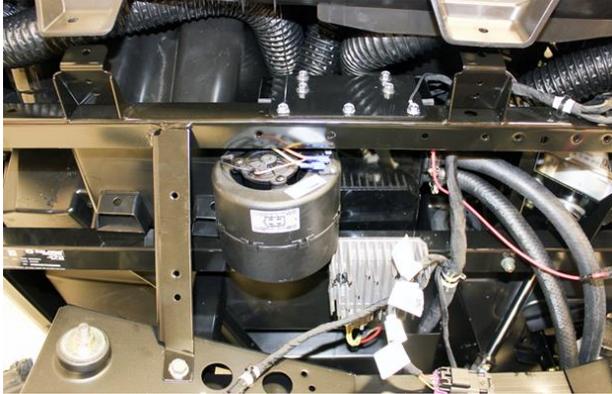
- 18) Connect the four runs of duct from the louvers to the heater box adapters and secure with the zip ties provided.

#### **STEP 5: WIRING**

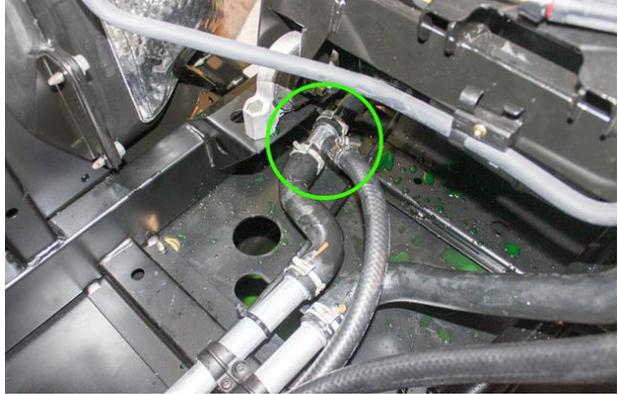
- 19) Remove one of the factory switch plates and install the rocker switch.
- 20) Using the wiring harness, plug the switch connector into the back of the rocker switch.
- 21) Using the wiring harness, plug the blower fan connector to the heater box blower.
- 22) Under the hood there is a circular embossment, drill a 1/2" bit hole in the middle of this embossment and run the accessory 12v and ground (red and black) wires through this.
- 23) Using the wiring harness, run the accessory 12v and ground eyelets through the fire-wall hole and onto the accessory bar (**PIC08**).
- 24) Once the wiring is complete test the heater blower.

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

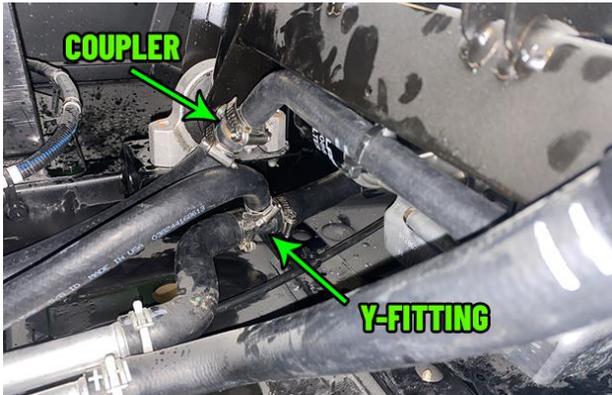
- 25) Refill the radiator and check for leaks.
- 26) Start the machine and allow the engine to warm up and circulate the coolant.
- 27) Test drive the vehicle and put it under a load, this will help expel air from the system.
- 28) When done let the machine cool down, recheck the coolant level and refill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



PIC01



PIC02



PIC03



PIC04



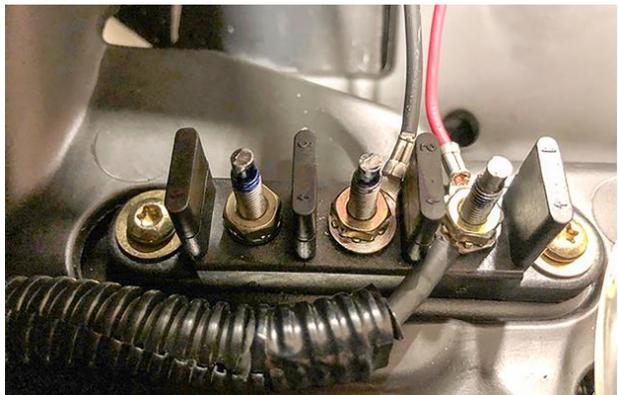
PIC05



PIC06

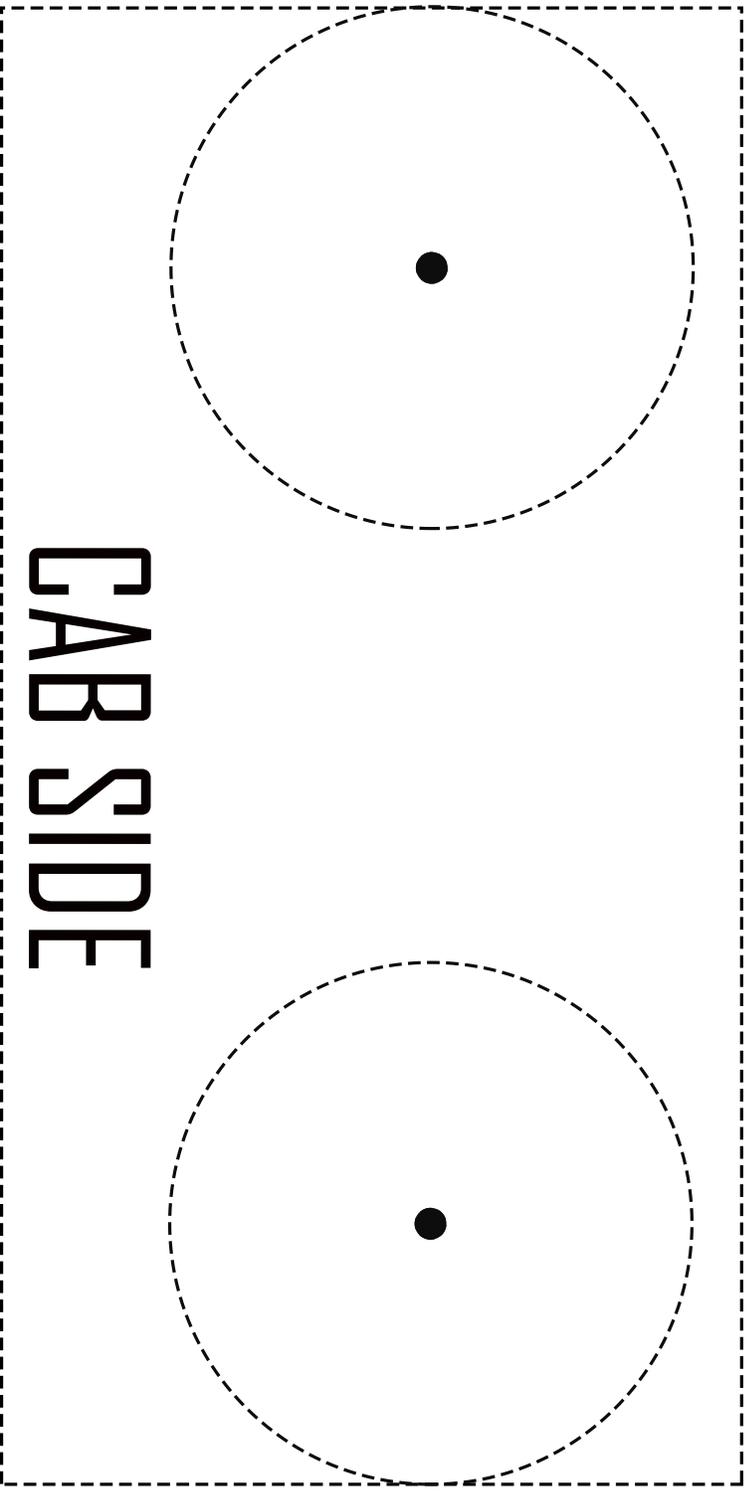


PIC07



PIC08

**BLANK**



**CAR SIDE**

