

# Z4171

## Polaris Ranger 570 (2017+) Full Size Cab Heater with Defrost

### PRE-INSTALLATION

For ease of installation you will need to remove the hood, passenger side hood panel, and the dash. Also, you will need to drain the radiator (easier to install the hose splices).

### MOUNTING THE HEATER

With the hood panels and dash removed, set the heater brackets in the location shown in the picture below. Mark the mounting holes and drill pilot holes into the steel with a 1/8" drill bit. After the holes are drilled use the self-taping screws and securely mount the heater.



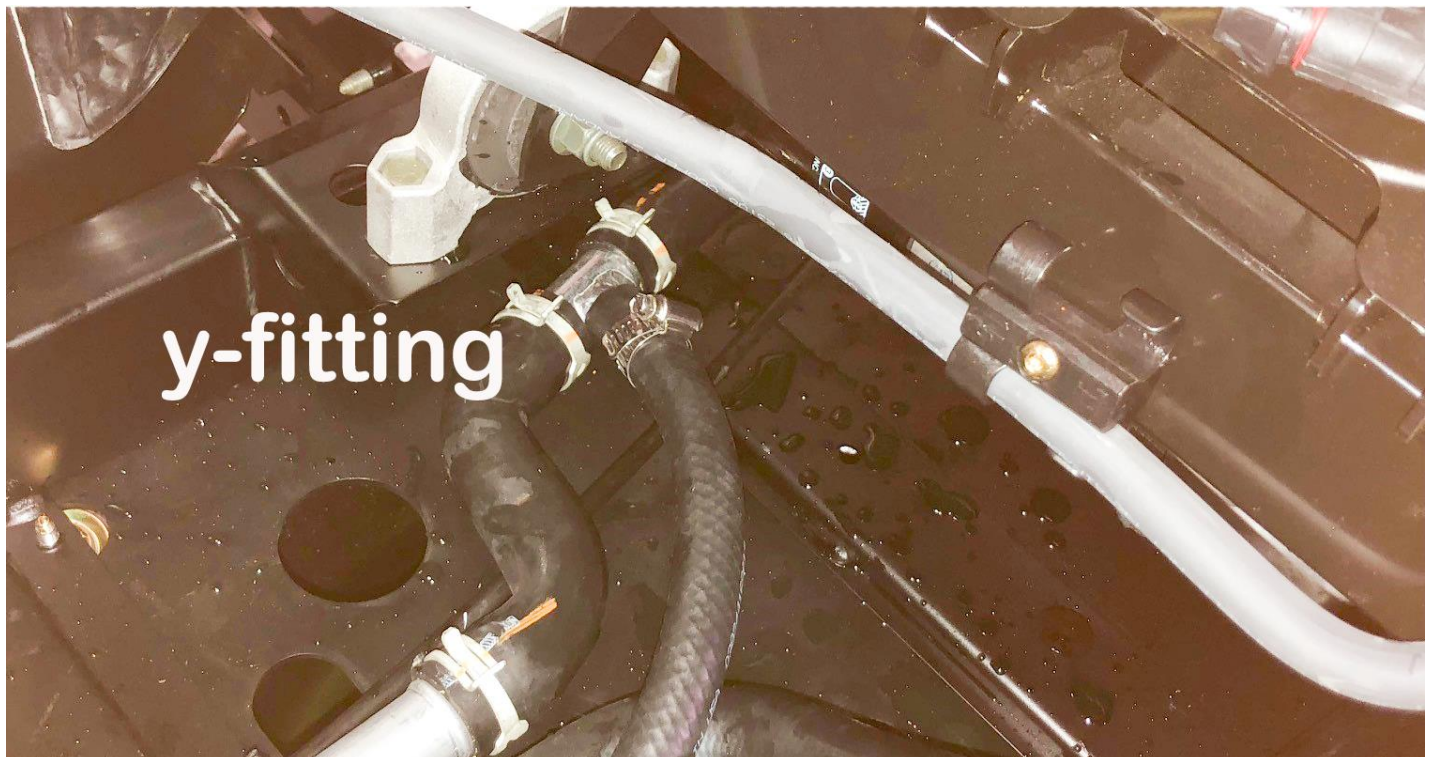
## **SPLICE INTO THE COOLANT LINES**

14-feet of heater hose is provided in the kit, cut this into 87" (inlet) and 81" (return) hose pieces. You will run your heater hose from the heater box to the back of the machine where we will splice into the coolant lines.

Start by running your heater hose from the front of the machine, down under skid plate. With the seat and the center floor plate removed you will have access to feed the hose through.

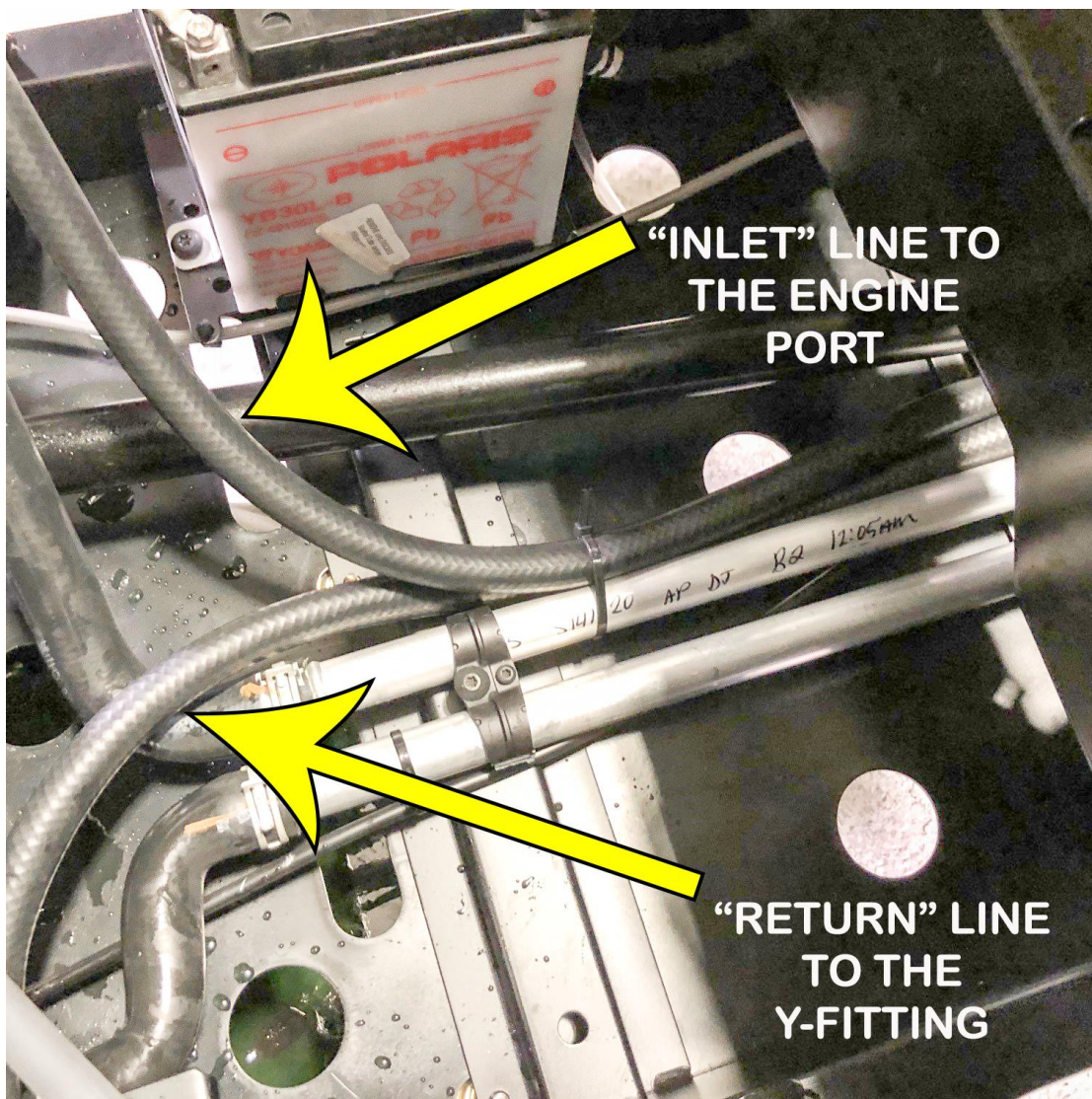
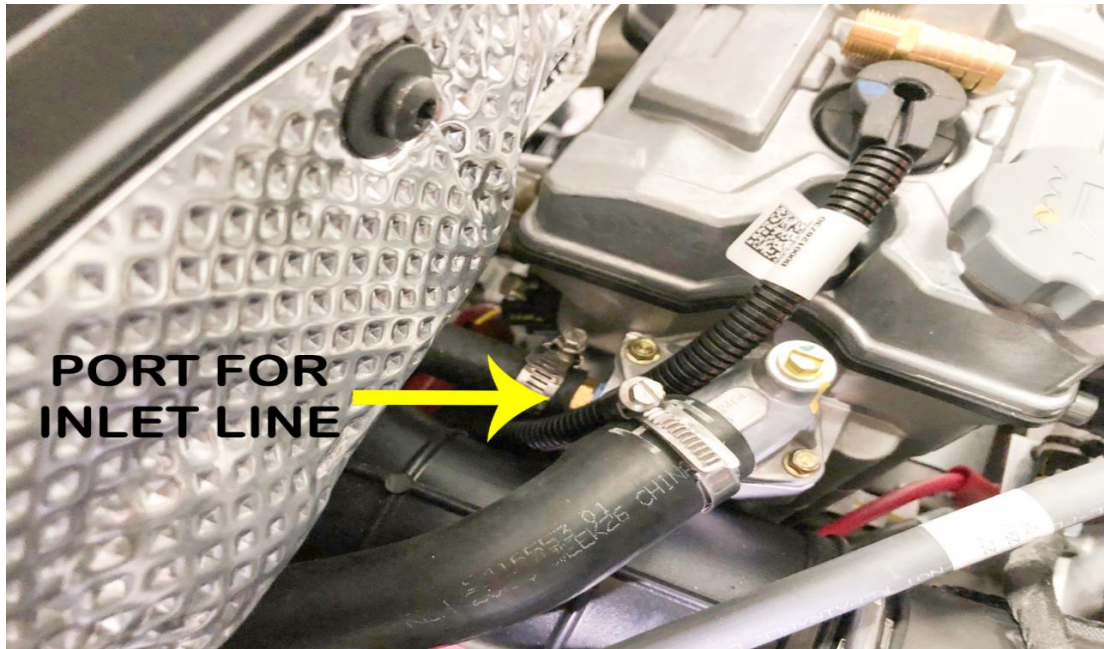


Now locate the factory plastic 'T' under the seats and replace this with the Y-Fitting included in the kit (see photo below). Make sure the 5/8" splice off this Y-fitting is pointing towards the radiator, you want this coolant to flow back inline. See photo below where the plastic 'T' has been replaced with the Y-Fitting:





Next, locate the barbed port fitting by the thermostat and replace this with the barbed fitting included in the kit, use thread tape to install (see photo below). There is a ½" hose that connects both of these fittings, remove this hose.





The 87" hose goes to the barbed port coming off the engine (inlet line), this connects to the heater core fitting that is lowest relative to gravity.

The 81" hose goes to the Y-Fitting (return line), this connects to the heater core fitting that is highest relative to gravity.

Zip tie the heater hoses to the steel radiator lines to keep out of the way of the drive shaft. Re-use the existing hose clamps, two hose clamps are included in the kit for the heater core fittings. Once all hose clamps are re-secured, go ahead and refill the system with coolant.

### **INSTALL LOUVERS AND RUN DUCT**

You need a 2 1/16" hole-saw for the louvers (a 2" hole-saw will work, you may have to use a razor blade to shave out the edges). See the picture below for the locations we placed the defrost louvers. Measure off the front edge of the dash to assure the vents are level. Then find the middle (side to side) and make a mark for where you will start your hole-saw bit. Drill out the holes and install the louvers.

There are no specific locations for the floor louvers, we placed them in the locations shown below.

The barb clips are used to slide onto the louver adapters for extra hold. The zip ties are used to go around the duct hose after it is pushed onto the louver adapters. Now attach all 4 runs of duct hose from louvers to the adapters on the heater.

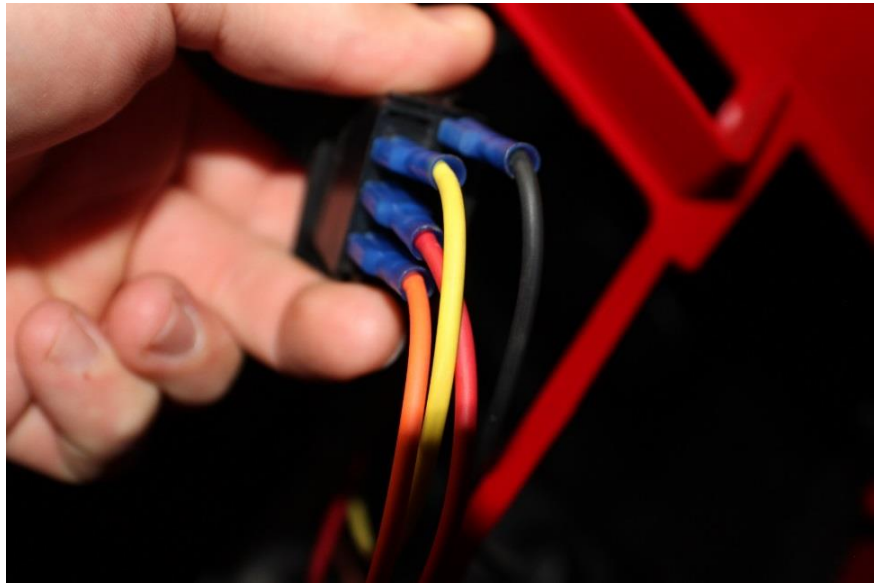
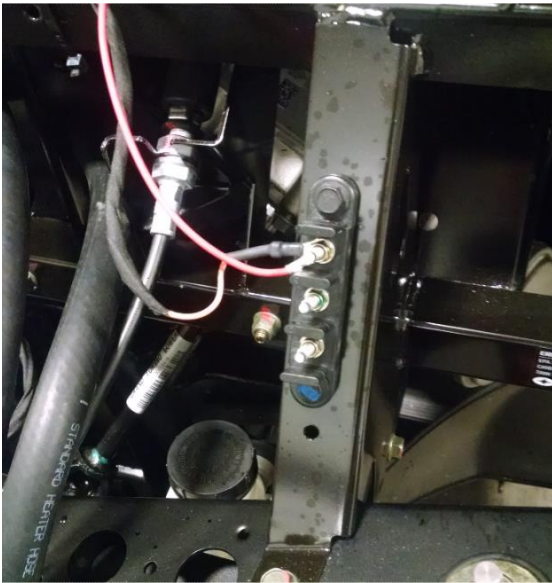






## WIRING

There is a yellow and orange wire that needs to go from the heater blower to the switch. There will also be a black ground wire and a fused red power wire. See attach picture on how they go onto the switch. The black wire you will ground to the machine and the red wire needs to be run to the terminal block. See below:



## REFILL COOLANT

Now you can refill the radiator and check for leaks. Start the machine and allow the engine to warm up and circulate the coolant, once you start getting good heat run the machine. When done using, recheck coolant level and fill if needed, **make sure the radiator is cool before doing so**. 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.