

# Z4185

## 2018+ Polaris Ranger 1000 XP Direct-Fit Hidden Cab Heater

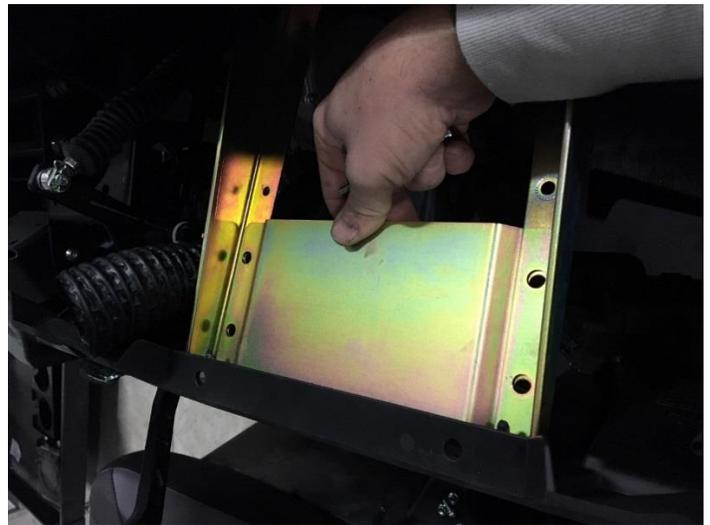
**Features:** 2 Speed Hi Output Blower, Blower motor has 4,000 hour Brush Life and 3 year warranty, 4 Fully Adjustable Louvers, Powder coated Steel Case (Not Plastic)

### PRE-INSTALLATION

For ease of installation you will need to remove the hood cover and the top and lower dash. Also, if you do not have line clamps, you will need to drain the radiator (easier to install the hose splices).

### MOUNTING THE HEATER

Once the top part of the dash is removed there is a bracket that is in between the two dash braces. That will need to be removed and the heater mounts down between the two braces in place of this bracket.



### INSTALL THE HEATER HOSE

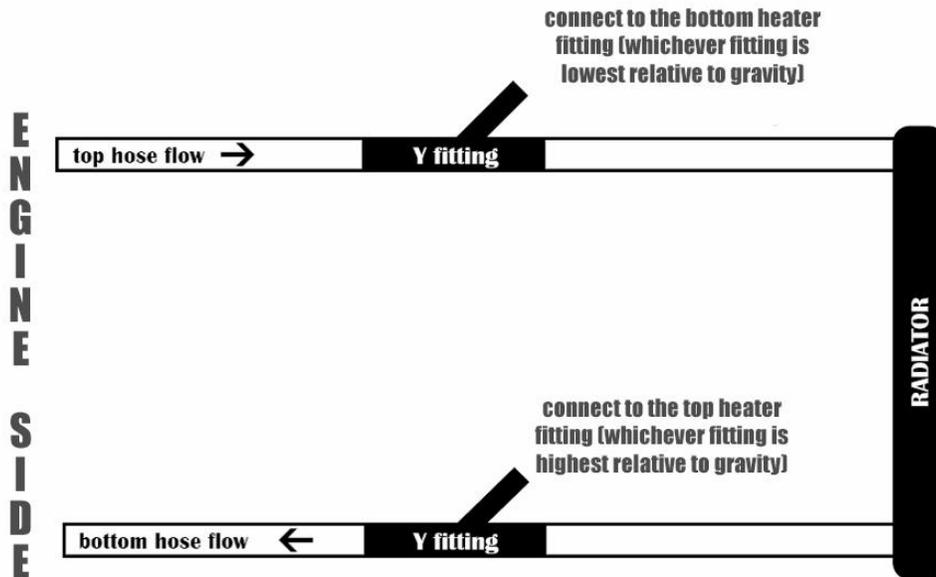
With the lower half of the dash removed, you can now use a 1 3/4" whole saw to make a hole for the heater hose to pass through. Drill from the inside of the machine but be careful to not get too close to the air intake tube that runs right next to the firewall. This hole can be drilled in the most convenient spot relative to where you are going to splice the Y-Fittings into the radiator lines.



## INSTALL THE Y-FITTINGS INTO THE RADIATOR LINES

You can now install the y-fittings into the lower and upper radiator hoses. You need to cut off 1" of the rubber radiator hose to put the Y splices in place. Find the most convenient spots on the upper and lower radiator hoses to cut into and splice on the Y-Fittings. Note in the diagram below that you want the Y-Fitting splice to be opening up toward the radiator. Once you put the y-fittings in place, secure the y-fittings with the hose clamps provided.

Now you can attach the heater hose to the 5/8" Y-fitting splices. Run the hose from the y-fitting in the upper radiator hose to the heater core fitting that is lower than the other fitting (relative to gravity). Run the other hose from the lower radiator hose to the heater core fitting that is lower than the other fitting (relative to gravity).



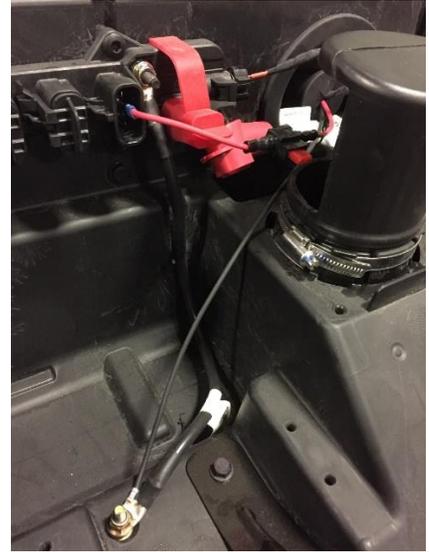
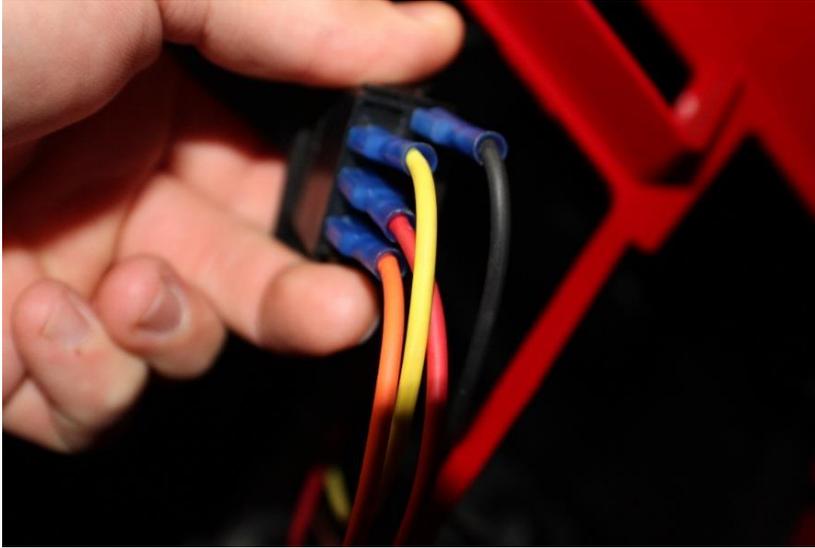
## INSTALL LOUVERS AND RUN DUCT

A 2" hole-saw is the size of hole you need for the louvers. There are no specific locations for the louvers, we placed two below the dash and two the dash (for defrost). There are pictures below for references. The zip ties are used to go around the duct hose after it is pushed onto the louver. Now attach the 4 runs of duct hose to the heater adapters and replace dash panels (after wiring of switch). Use a needle nose pliers to tighten zip ties and provide maximum tightness around the louver adapter.



## 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 and a red wire. See below picture on how they go onto the switch. The black wire needs to be grounded 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 and obtaining good heat.

If you have any questions please call us at 1-866-730-7169.