

# Z4130

## Polaris RZR RS1 Cab Heater

### PRE-INSTALLATION

For ease of installation you will need to remove 6 pieces/panels from the front part of the vehicle. See the pictures below for how it should look after removal.



### MOUNTING THE HEATER

To install the heater you need to remove the storage mold located under the main hood panel. The front bracket bolts in two existing bolt mounts on the machine. Now use the self-tapping screw provided to secure the back bolt to the frame. Make sure the inlet/outlet from the heater core are pointing to the driver's side.

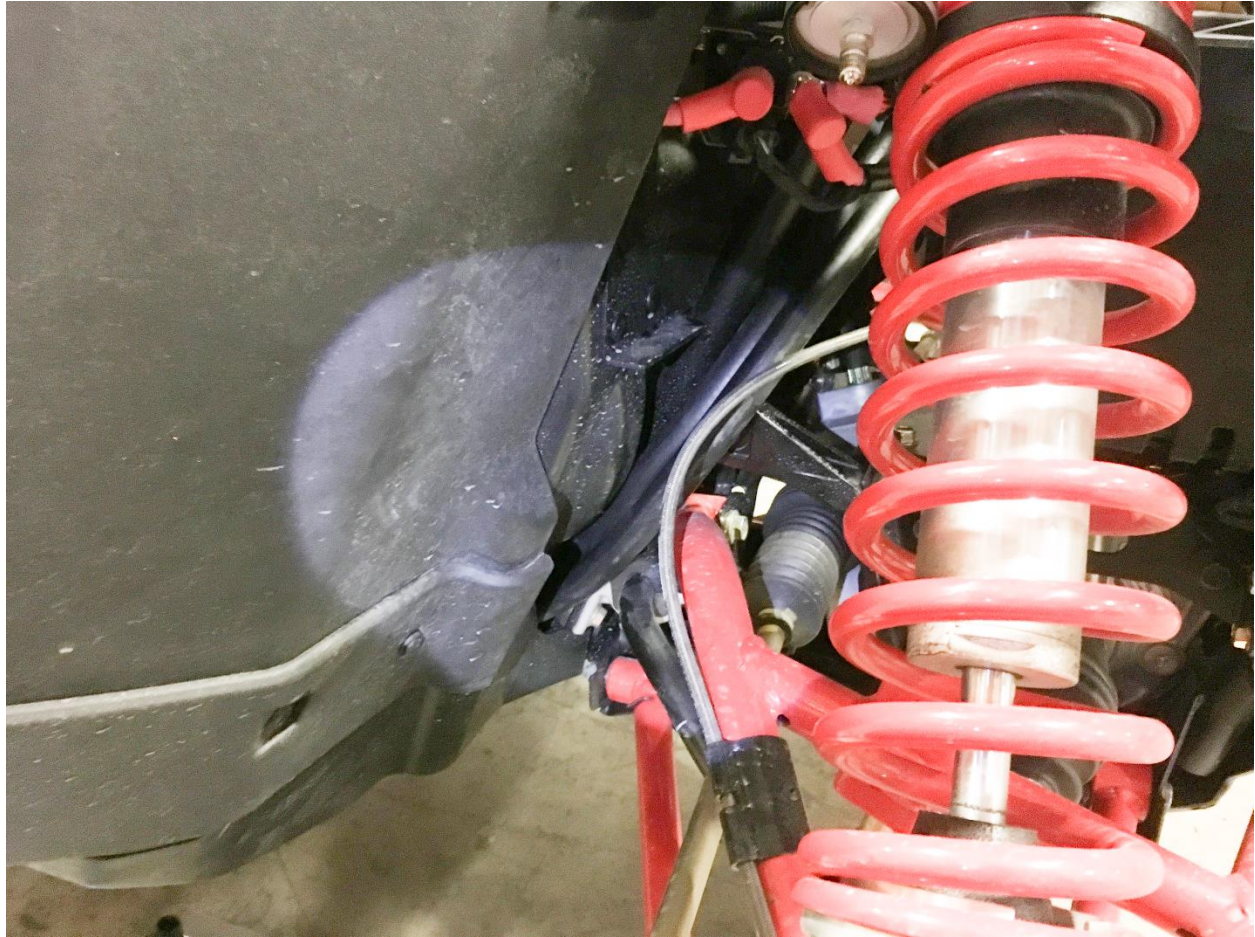
See the photos below for reference:





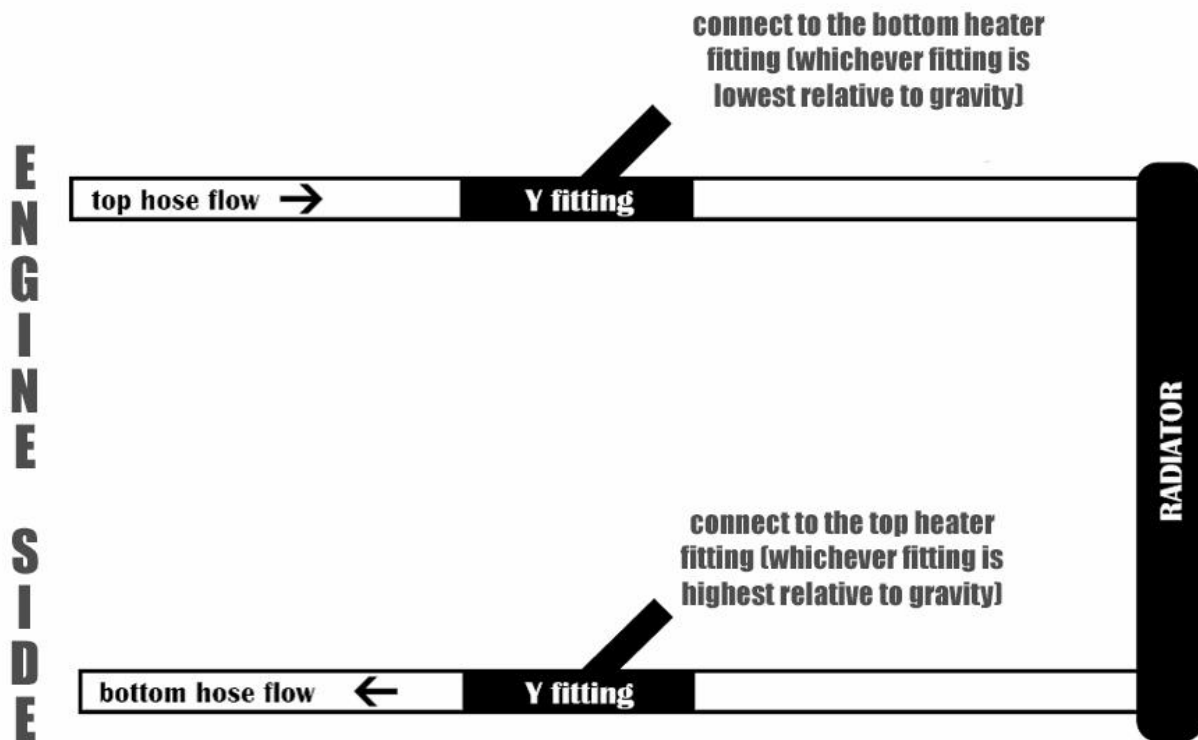
## **INSTALL THE SPLICES INTO THE RADIATOR LINES**

After mounting the heater, you will run the heater hose lines from the front of the machine to the back, where you will splice into the upper and lower radiator lines. Start by feeding the hose under the skid plate (from the front of the machine, as shown in picture below).



Once you have the heater hose fed to the back of the machine you can install your Y-Fittings. Your inlet line will splice into the upper radiator line, this will connect with the lower heater core fitting (relative to gravity). Conversely, the lower radiator line will connect with the higher heater core fitting (relative to gravity). If you do not have hose clamps to use when installing the Y-Fittings, drain the radiator prior to cutting into the radiator hose.

Make sure the Y-Fittings are installed opening up TOWARD the radiator; you want to keep the natural flow of coolant in-tact when diverting the coolant to the heater (see diagram on the next page). Use the hose clamps provided to secure the Y-Fittings in place. Once in place, connect the heater hose lines and refill with coolant.



## INSTALL LOUVERS AND RUN DUCT

You will need a 2" hole-saw for the louvers (if you are able to get a 2 1/16" hole-saw it will be easier to work the louver in the hole) and may require using the edge of a razor blade around the hole to ease fitment of the louver. There is 16-feet of duct included in the kit. Cut it into four pieces of: 48", 48", 36", and 36". The 48" pieces are for the defrost duct runs.

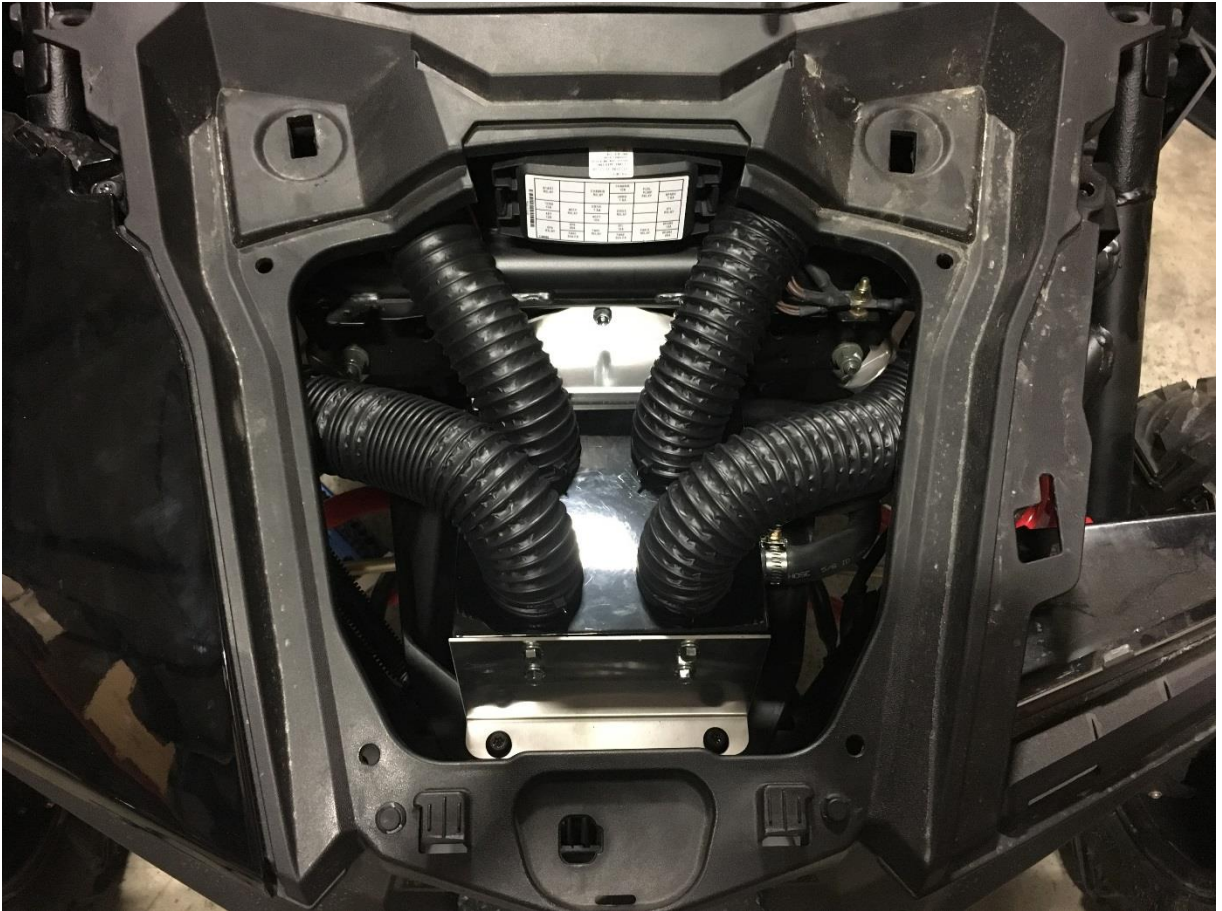
There are no specific locations for the louvers. In the picture below you can see where we placed the defrost louvers. Measure to assure both louvers are placed in symmetrical positions and dot each location, next place the hole-saw bit on the dot and drill out the hole.

The floor ducts can also be placed in your desired locations. See the picture below where we show our run of duct for the floor and how it goes down behind the side panel. Before drilling your hole, make sure to take note of where the frame bars run and do not cut out a louver hole directly in front of the frame bars.

Install the barb clips that are in the kit on the back of the louver adapter for maximum hold. Attach the duct hose to the louvers and secure with the zip ties provided. Then run the hose up to the heater and secure to the heater duct adapters with the zip ties. Tighten all zip ties with a needle nose pliers for maximum hold.

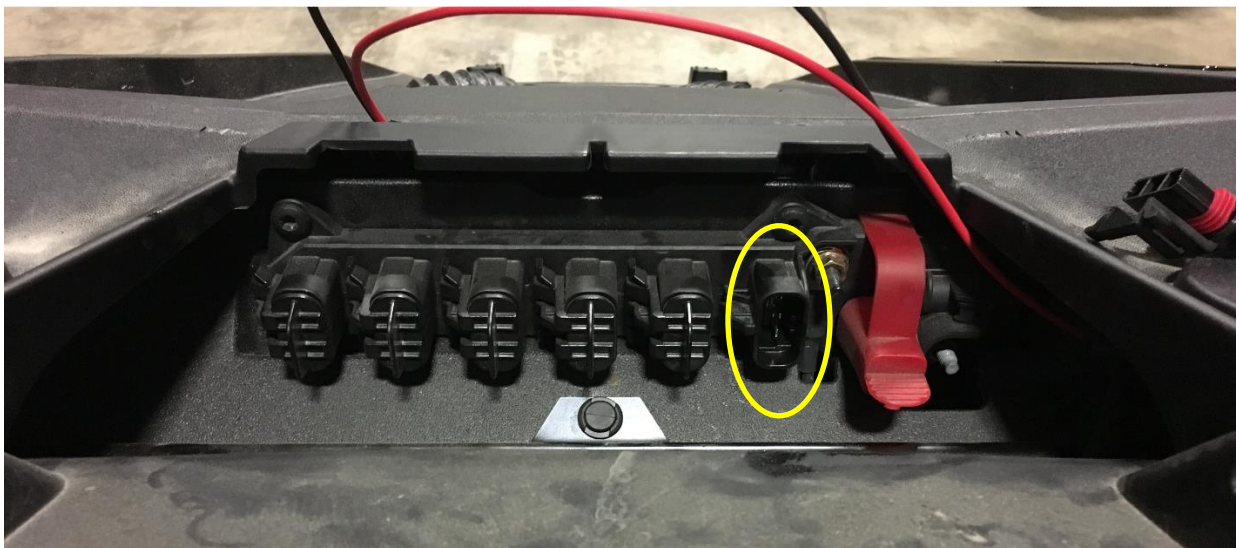






## WIRING

Insert the OE Connector provided in kit into a factory plug. Run your ground (black) to the top (right) spade on the switch, run the Power wire (red) to the middle spade (left) on the switch, and run the fan wire (red) to the lower (left) spade on the switch. Cut out a switch hole as shown on the next page.







### **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.





