

# Z4160

## Polaris Ranger 800 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

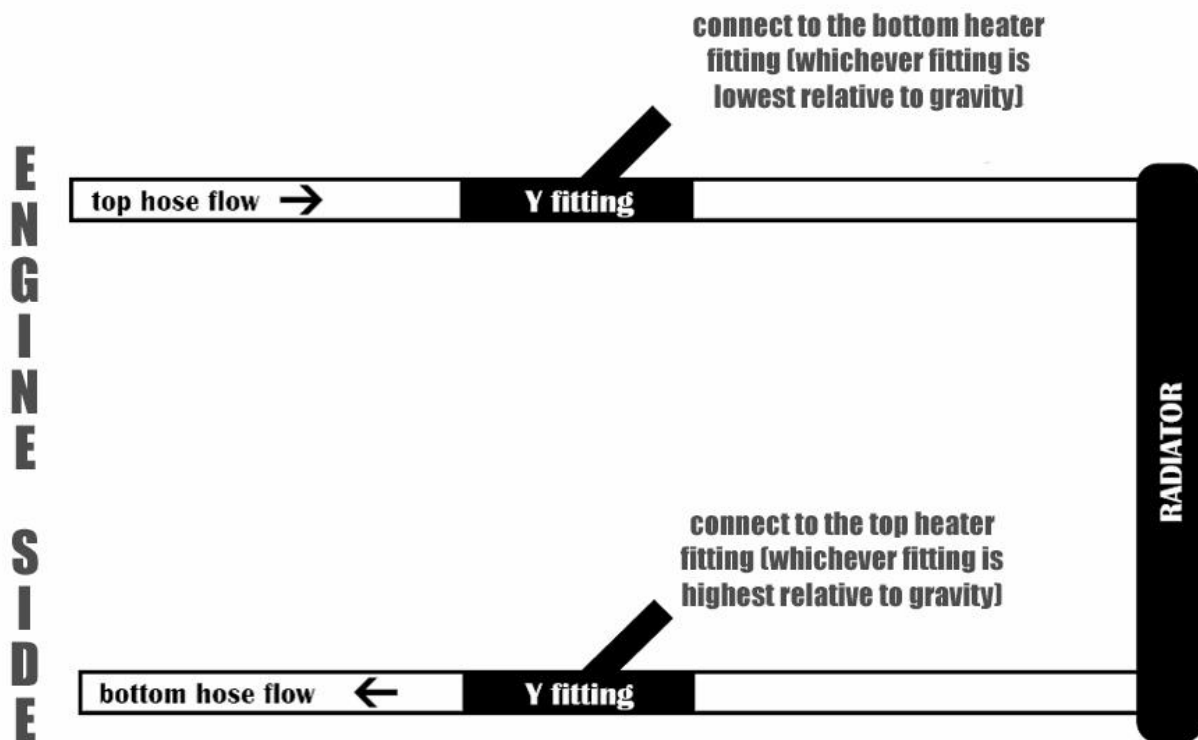
### PRE-INSTALLATION

For ease of installation you will need to remove the hood and the inner fender on the driver side. Also, if you do not have line clamps, you will need to drain the radiator (easier to install the hose splices).

### INSTALL THE Y-FITTINGS INTO THE RADIATOR LINES

With the radiator drained or the lines clamped, you can now install the y-fittings into the lower and upper radiator hoses. You may need to cut off 1" of the rubber radiator hose to put the y-fittings in place. Once you put the y-fittings in place and have them facing the correct direction (facing toward the radiator), secure the y-fittings with the hose clamps provided.

Now you can attach the heater hose to the 5/8" y-fitting splices. Hose clamp the heater hose to the splices and then run it up the passenger side of the radiator through the gap between the plastic divider and the radiator. Run the heater 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 higher heater core fitting (relative to gravity).



## INSTALL LOUVERS AND RUN DUCT

Before mounting the heater you will want to install the 2" louvers and run the duct work. You will need a 2" hole-saw for the louvers. There are no specific locations for the 4 louvers (see our placements below), we put all 4 on the dash, but you could also put 2 below to push air to the floor. Make sure to pre-measure and mark cutouts to assure they are level and centered before drilling.

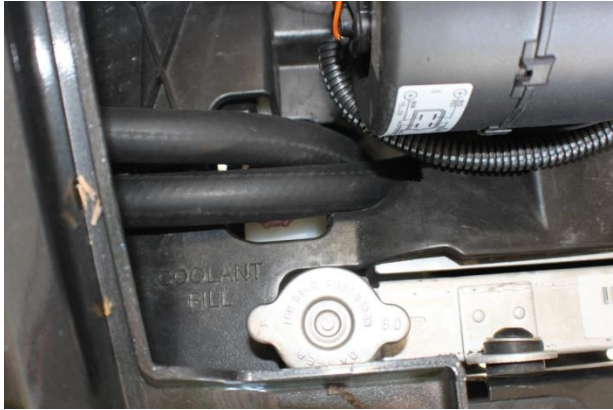
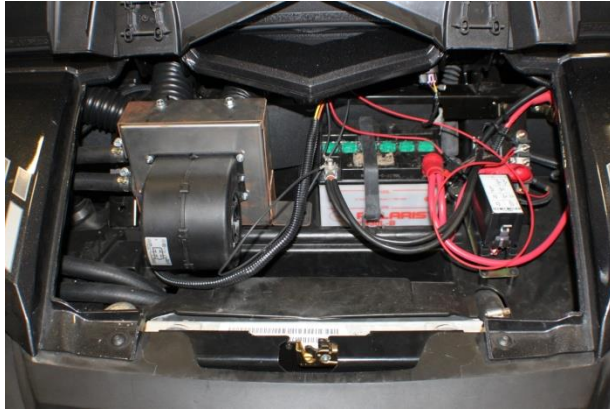
Attach the duct hose to the louver adapters and secure with the zip ties provided. Make sure to tighten the zip ties with a needle nose pliers to ensure maximum hold to the louver adapter. Then run the hose up to the heater mounting area under the hood (after installing the heater, you will zip tie the 4 duct runs to the 4 adapters on the heater box).



## MOUNTING THE HEATER

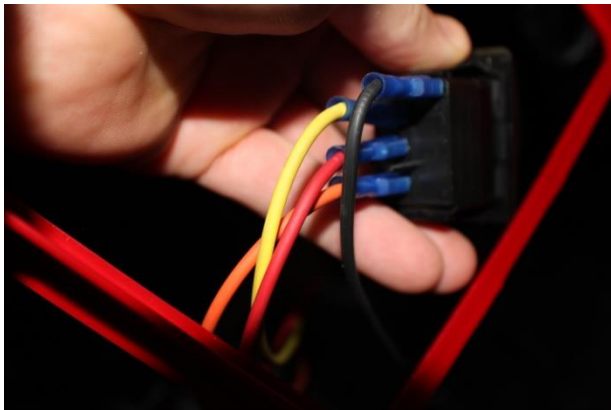
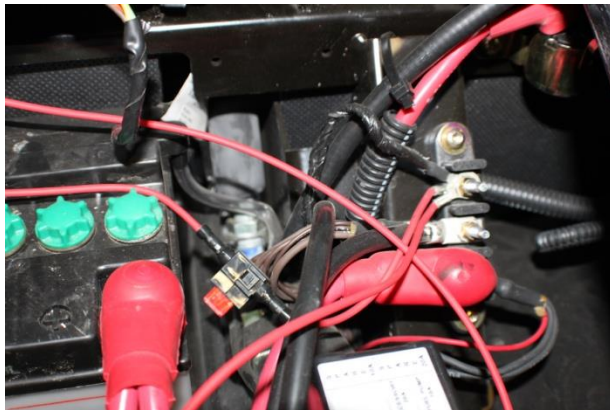
Mount the heater unit with the duct hose facing forward and the heater hose connections facing the passenger side (See Photo on next page). The rivet is used to mount the driver side and the two self tappers are used on the passenger side.

After the heater is securely mounted run the heater hose from the y-fitting in the upper radiator hose to the heater core outlet (outlet is the fitting that is lower than the other fitting). Run the other hose from the lower radiator hose to the heater core inlet fitting. **Refer to Y-Fitting diagram above for reference.**



## 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 wire and a fused red wire. See picture below on how they go onto the switch. The black wire can be run to the negative battery post and the red wire can be run to the top wire post on the driver side.



## 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.