

Z4530

TEXTRON PROWLER 500 Direct-Fit Hidden Cab Heater

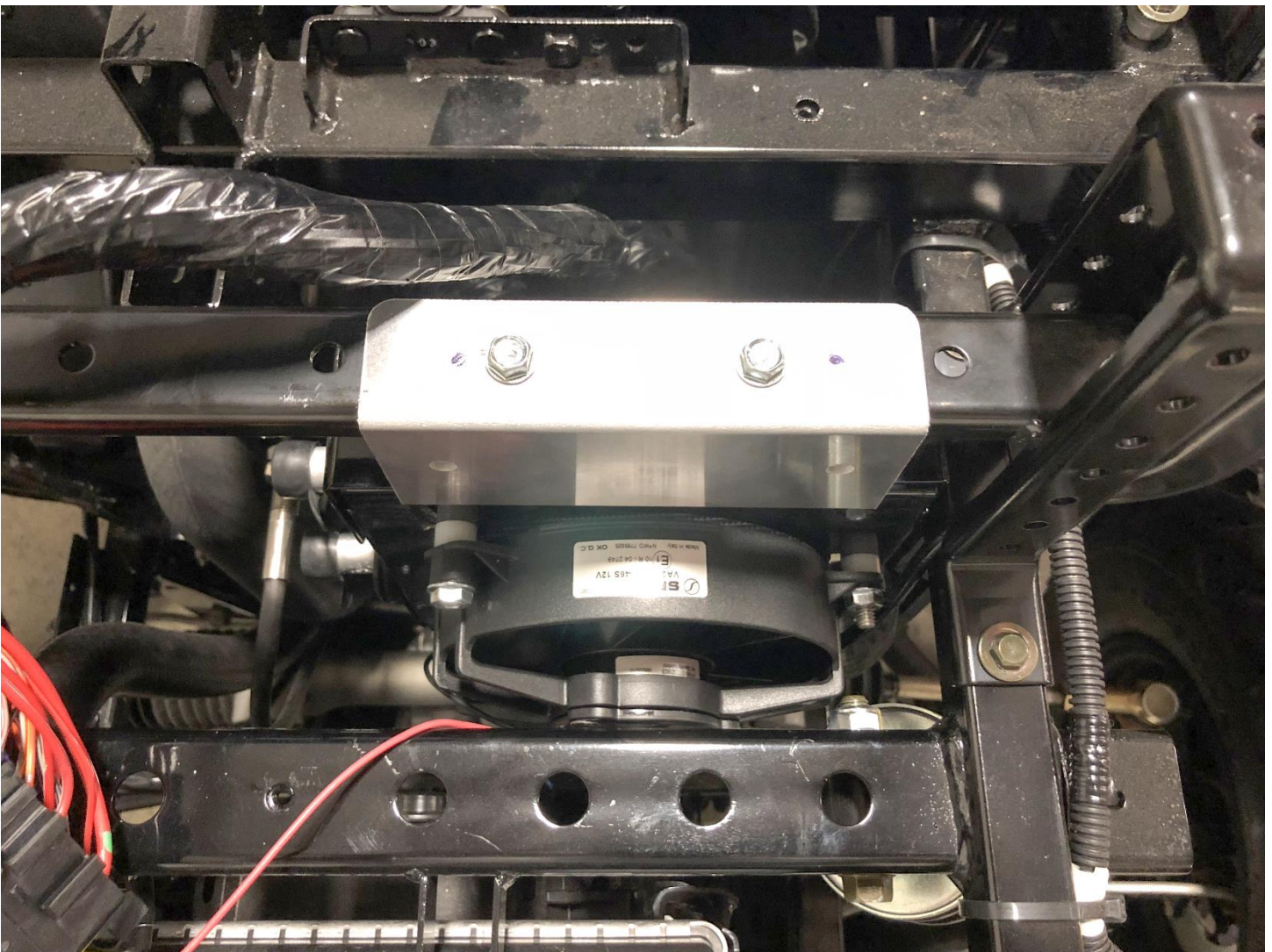
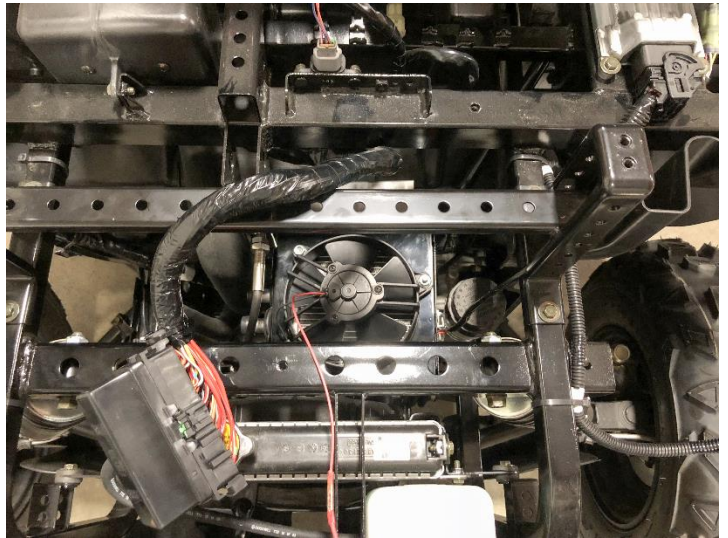
PRE-INSTALLATION

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



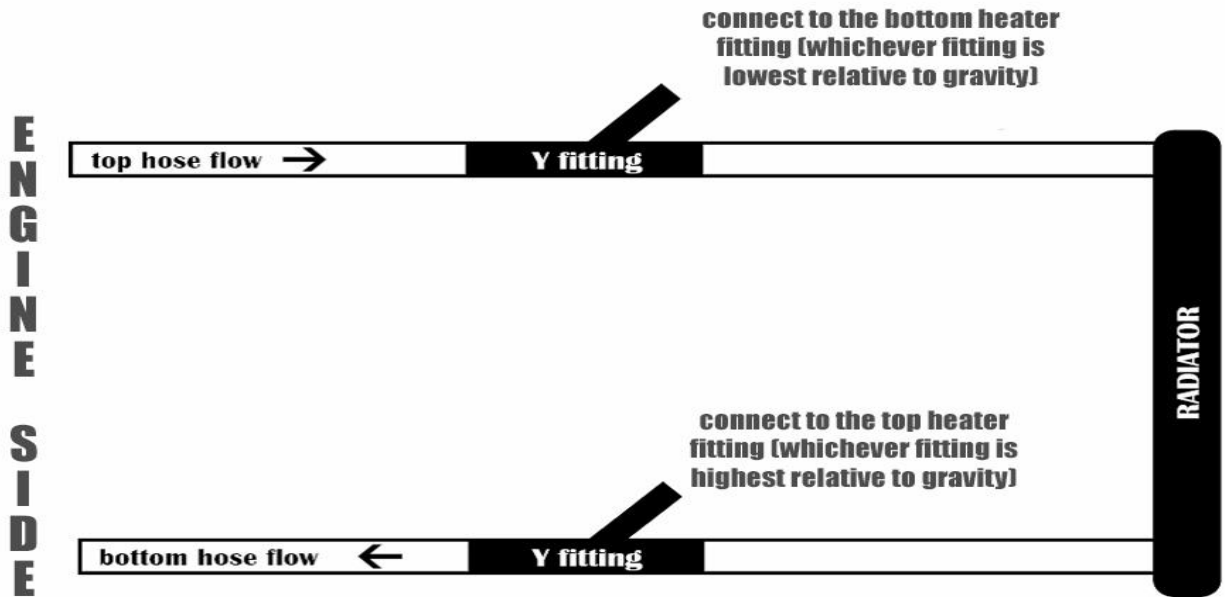
MOUNTING THE HEATER

The heater will mount under the hood. You will need to deconstruct the heater box to fit it into the spot. First, take the fan off the heater box with a 7/16 wrench. Then fit the heater box between the framing and into the open area (see below). With the heater box in place, put the fan back on the box. Now use the self-tapping screws provided and secure to the framing as shown below with a 3/8 bit.



INSTALL THE Y-FITTINGS INTO THE RADIATOR LINES

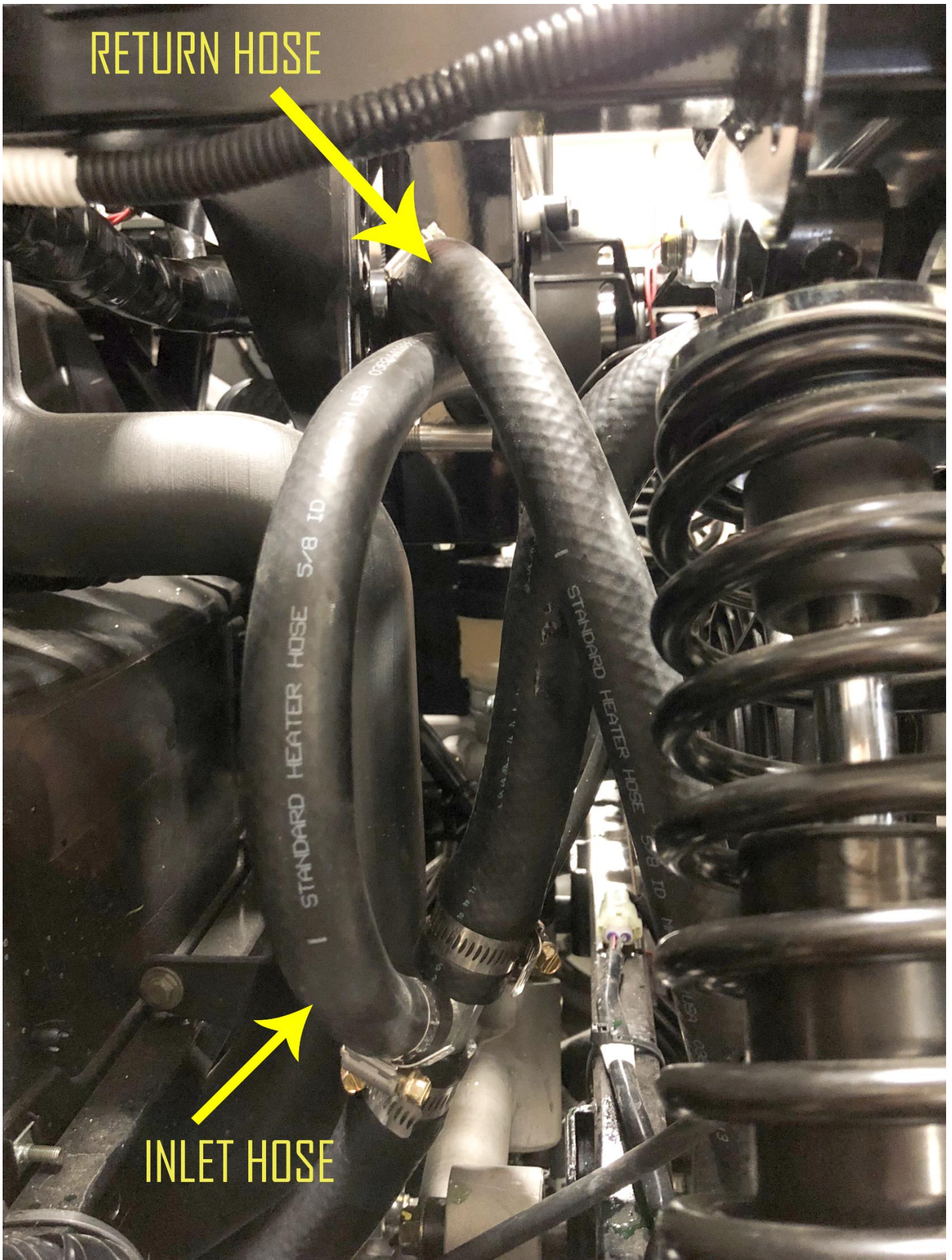
With the radiator drained or using hose clamps, you can now install the Y-fittings into the lower and upper radiator hoses. With the heater hose provided cut length of 16" (inlet hose) and 44" (return hose). Note in the diagram below that you want the Y-fittings to be opening up toward the radiator. After the Y-fittings are in place, secure with the hose clamps provided and run the heater hose from the Y-fitting splices to the heater core fittings. Note, the inlet hose connects to the lower heater core fitting, relative to gravity.



RETURN HOSE



INLET HOSE



INSTALL LOUVERS AND RUN DUCT

A 2 1/16" hole-saw is the size of hole you need for the louvers (2" hole-saw will work as well, you just may need to use a razor blade edge to slightly enlarge hole).

With the duct hose provided cut two lengths of 18" for the floor louvers. Mark symmetrical louver locations using the cut-out templates provided and a tape measure. Now use your hole-saw to drill out louver openings. Install the floor louvers in the holes as shown below. Zip ties are used to go around the duct hose after it is pushed onto the back of the louver, use a needle nose pliers to get a tight pull on the zip tie to assure maximum hold. Connect both runs of duct to the heater box adapters and secure with zip ties.



Now for the Driver Side defrost vent. Use the cut-out template provided to cut out the rectangular opening as shown below. Drill four 1/4" holes in each corner, then use a razor blade to cut out the opening. Do not pull and push sideways when using the razor blade; you need to push straight down and pull straight up when cutting. This will eliminate any slipping and potential damage to the dash panel. To ease the razor blade through the paneling you can heat the blade up with a torch.

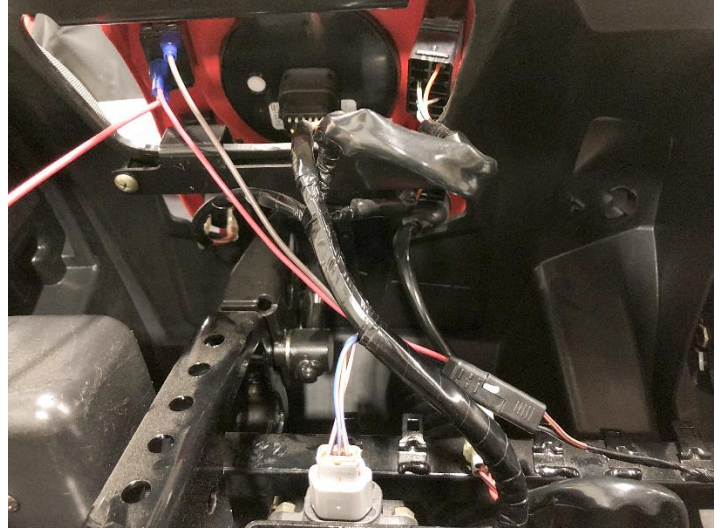
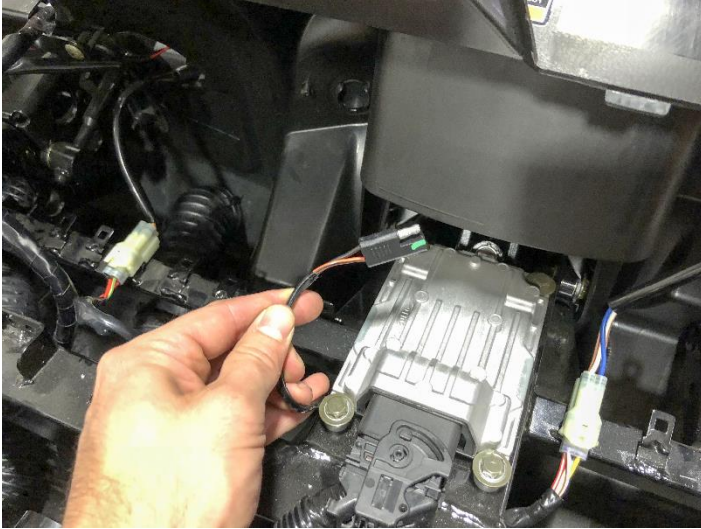
Put the vent in the opening and secure with the two black screws provided. Cut a 26" length of the duct hose and secure the duct to the back of the vent with the zip ties provided. Use a needle nose pliers to get a tight pull on the zip tie to assure maximum hold. Now run the duct to the heater box adapter.



We chose not to install a passenger side rectangular defrost vent. To do so would require you to cut out the glove box and also remove a long WARNING sticker that has a smooth texture behind it that does not match the rest of the dash. Included in the kit is a 3rd circular floor louver that the installer can place where ever they prefer. Also included in the kit is a rubber cap in case the installer wishes to cap off the 4th heater box adapter and not use a 3rd floor louver. This will push more air through the other 3 adapters/vents.

WIRING

The black wire from the fan is grounded, run the red fan wire to the back of the switch and install it onto the lower left spade. Also included in the kit is an OE wire harness that connects to a factory 12v supply connection. The Red and the Black connectors need to be plugged into the back of the switch; the black one plugs into the upper right spade that is all alone on the right side, and the red connector goes onto the middle left side spade above the fan wire (see below). At this time, make sure the heater system runs correctly. Once this is done you can put the machine back together.



REFILL COOLANT

Last, refill the radiator for lost coolant 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 and put it under a good load. 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.