

Arctic Cat – Textron Prowler 500 (2017 - Current)  
Tracker 500S (2019 - Current)  
Direct-Fit Cab Heater with Defrost

### **STEP 1: PRE-INSTALLATION**

- 1) Remove the front hood panel **(PIC01)** **(PIC02)**.
- 2) Remove the roll cage **(PIC01)** **(PIC02)**.

### **STEP 2: MOUNTING THE HEATER**

- 3) Remove the fan from the heater box with a 7/16 socket **(PIC03)**.
- 4) Set the heater inside the framing and install the fan back onto the heater box **(PIC04)**.
- 5) Use the (2) self-tapping screws to install the heater bracket to the framing bar **(PIC05)**.
  - Use a 3/8 drive socket to install the screws.

### **STEP 3: SPLICE INTO THE COOLANT LINES**

- 6) Remove the main skid plate **(PIC06)**.
- 7) Cut the heater hose into pieces of 16” and 44”.
- 8) From under the machine, clamp off on each side of where you will make your return line Y-Fitting **(PIC06)**.
  - If you do not have clamps, drain the coolant from the machine.
- 9) Make the cut and install a Y-Fitting into the radiator hose. Secure the Y-Fitting using the hose clamps provided in the kit **(PIC06)**.
  - Make sure the 5/8” splice is pointing toward the front of the machine, you want the coolant to flow back into the system (from the heater) in the same direction.
- 10) Take the 44” piece of heater hose and connect it from the return Y-Fitting splice to the highest heater core fitting (relative to gravity).
- 11) You can put the skid plate back on the machine.
- 12) If you are using hose clamps, clamp off on each side of the inlet radiator line where you will make your cut **(PIC07)**.
- 13) Make the cut and install a Y-Fitting into the radiator hose. Secure the Y-Fitting using the hose clamps provided in the kit **(PIC07)**.
  - Make sure the splice is pointing toward the radiator (pointing up), you want the coolant to flow uninhibited into the inlet heater hose.
- 14) Take the 16” piece of heater hose and connect it from the inlet Y-Fitting splice to the lowest heater core fitting (relative to gravity).
- 15) Make sure all connections are secured with hose clamps provided in the kit.

### **STEP 4: WIRING**

- 16) Install the provided Inferno rocker switch in one of the factory switch openings.
- 17) Using the wiring harness provided, plug the switch connector into the back of the rocker switch.

- 18) Using the wiring harness provided, plug the OEM connector into the factory 12v accessory connector (**PIC08**).
- 19) Using the wiring harness provided, plug the high/low (orange/yellow wires) wires to the heater box resistor (**PIC09**).
- 20) At this time make sure the wiring is complete and the heater blower operates correctly.

## **STEP 5: INSTALL LOUVERS**

- 21) Using the circular louver template cut-outs included in the instruction, mark the spots where you will be using the hole-saw drill bit for the floor louver openings (**PIC10**).
  - Make sure the holes are symmetrical by measuring in off the left and right edge the same amount.
- 22) Using a 2.5" hole-saw drill out the floor louver holes and insert the louvers (**PIC10**).
- 23) From the duct provided, cut (2) 18" pieces and install them to the backside adapters of the floor louvers with the zip ties provided. Then install the duct to the heater box adapters and install with the zip ties provided.
- 24) Using the defrost rectangular cut-out template provided, tape it to the driver side defrost location (**PIC11**).
- 25) Trace the opening with a marker and drill ¼" holes in each corner.
- 26) Use a razor blade (or other preferred cutting method) cut hole to hole to make the opening for the defrost vent (**PIC12**).
- 27) Install the defrost vent and secure with the black screws provided (**PIC13**).
- 28) Cut a 24" piece of duct and secure it to the backside adapter of the vent using the zip ties provided. Then install the duct to the heater box adapter with the zip ties provided.
- 29) For the **Passenger Defrost Vent**: if you chose to install the passenger side defrost vent, you follow the same directions as listed above for the driver side, but you will have to run the duct through the glove box. If you are OK with that you may proceed to install the vent (**PIC14**). Use a 2.5" hole-saw to run the duct through the glove box.

## **STEP 6: REFILL COOLANT**

- 30) Refill the radiator and check for leaks.
- 31) Start the machine and allow the engine to warm up and circulate the coolant.
- 32) Drive the vehicle and put it under a good load, this will help expel air from the system.
- 33) When done let the machine cool down, recheck the coolant level and add to the overflow tank, if needed.
- 34) Coolant will be consumed as the air is expelled from the system. It is possible you will need to run the machine and recheck fluid levels multiple times before working out all of the air.

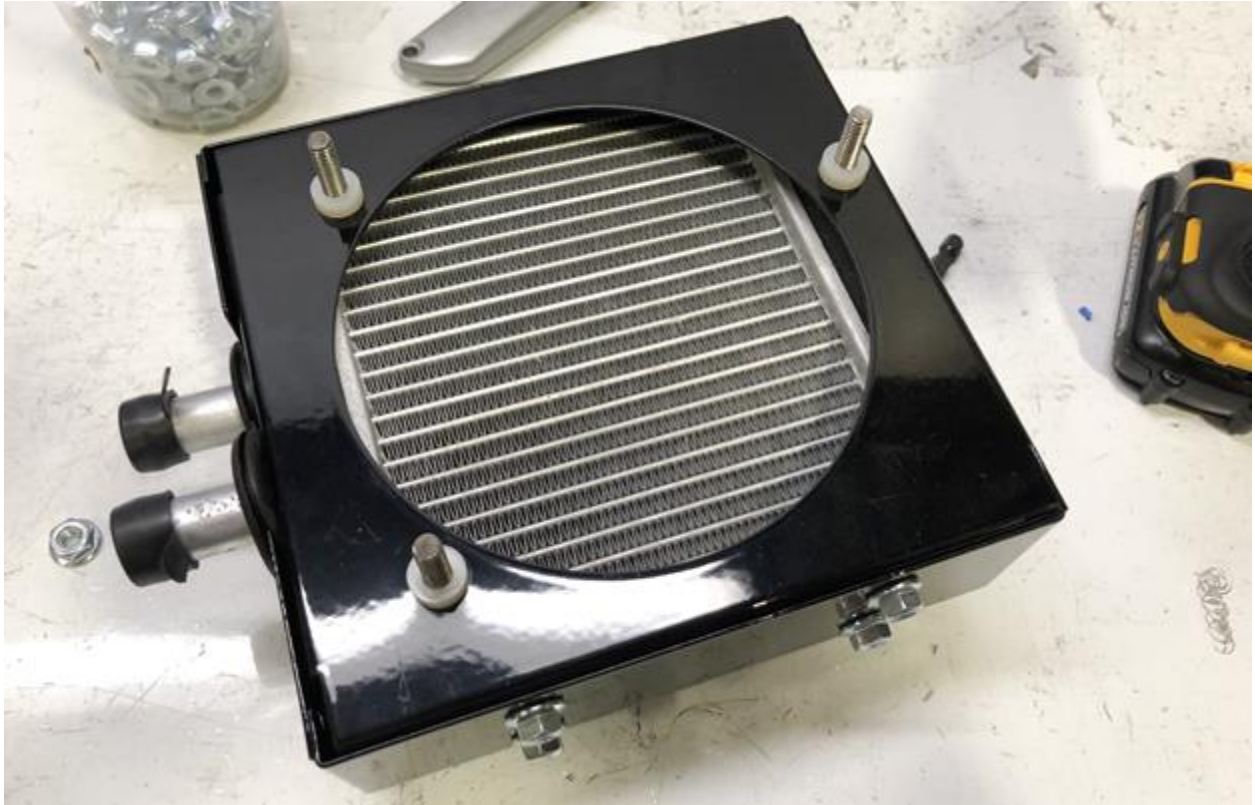


PIC01

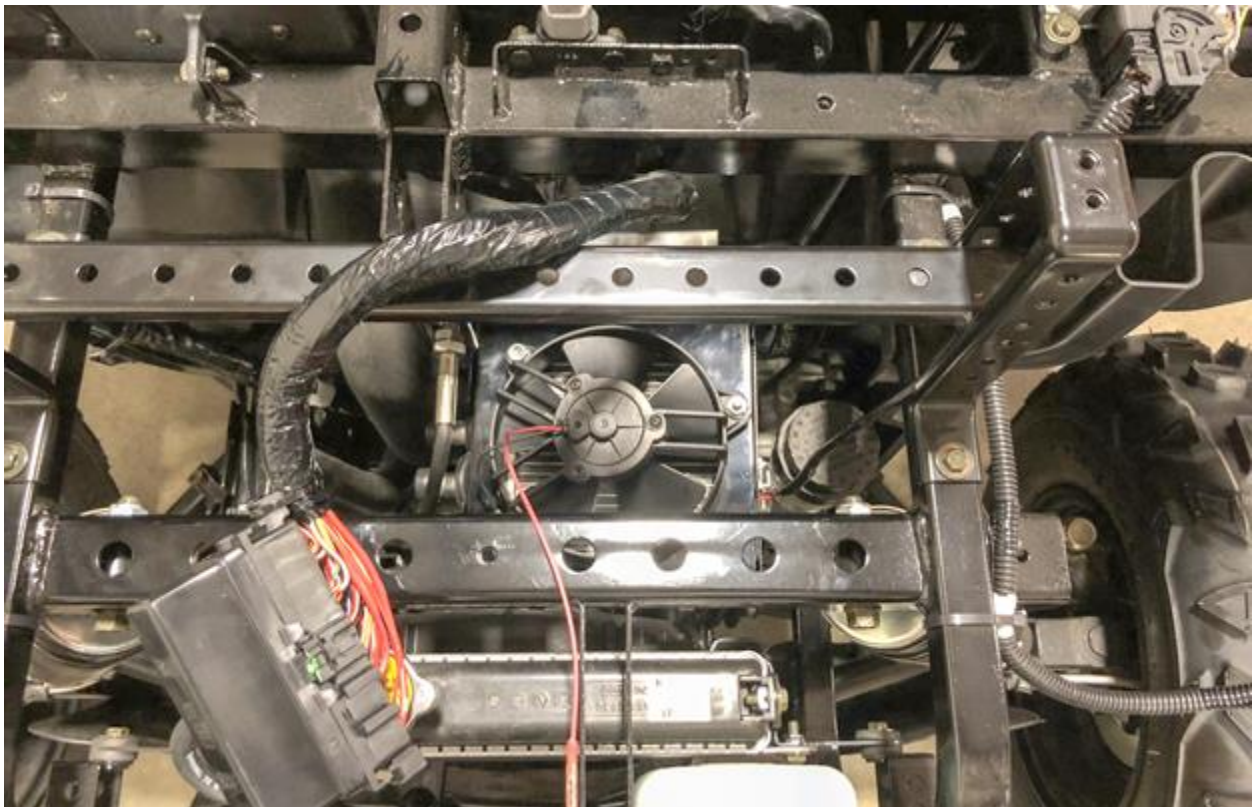


PIC02





PIC03



PIC04



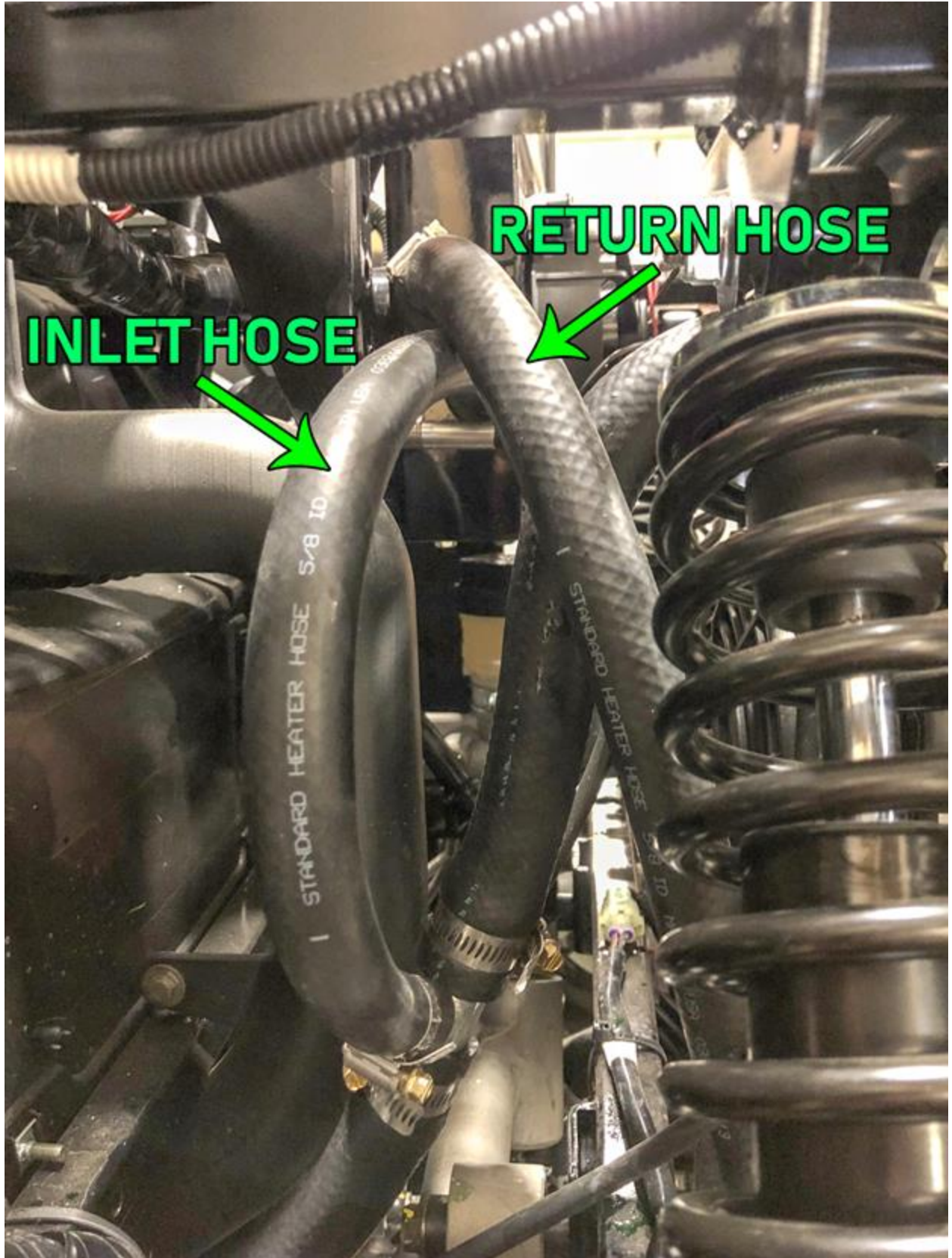


PIC05



PIC06

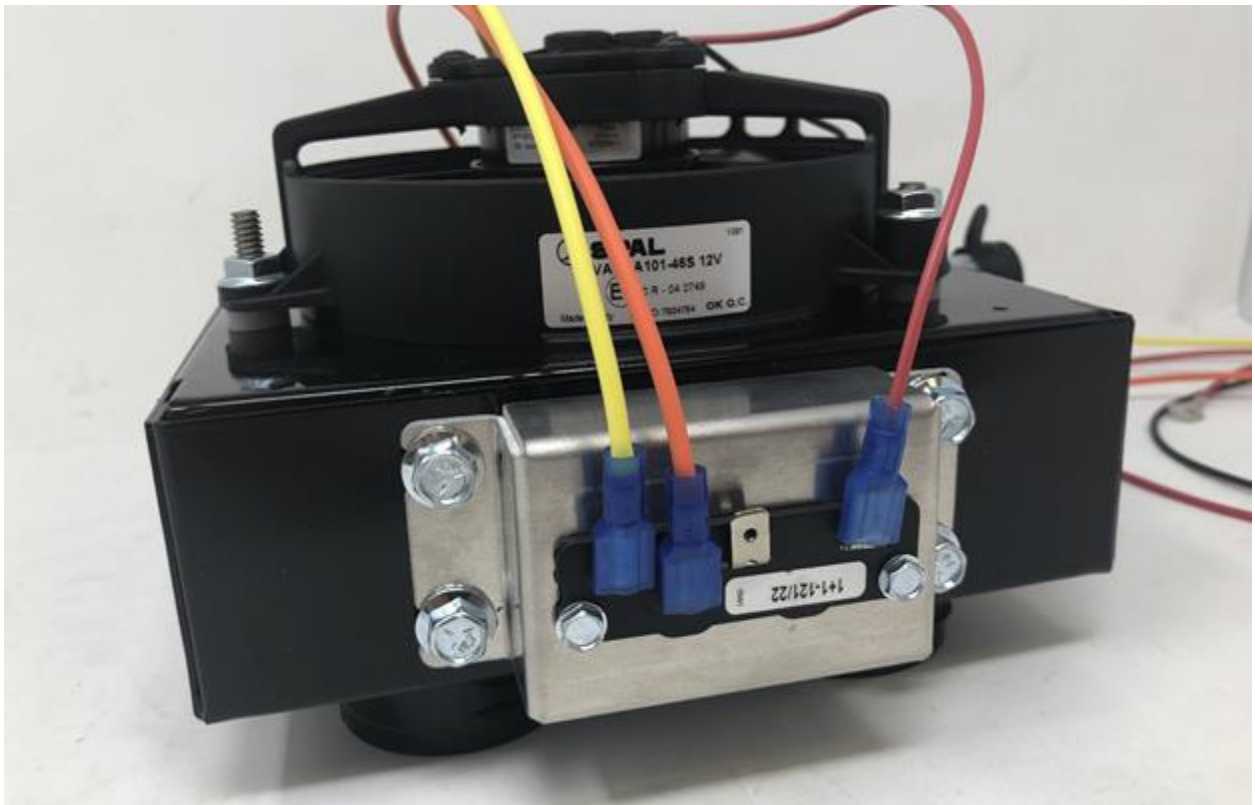




PIC07



PIC08



PIC09





PIC10



PIC11







PIC14



