

Arctic Cat (Textron) Stampede (2016 - Current) Direct-Fit Cab Heater with Defrost

STEP 1: PRE-INSTALLATION

- 1) Remove the hood and center hood panel (**PIC01**) (**PIC02**).
- 2) Remove the center floor panel (**PIC03**).
- 3) Remove the seat cushion (**PIC03**).
- 4) Remove the utility bed panel (**PIC04**).

STEP 2: MOUNTING THE HEATER

- 5) The heater mounts between the gas tank and a bracket (**PIC05**).
- 6) Relocate the ground wire, see circle for new location (**PIC05**) (**PIC06**).
- 7) Use the 4 self-tapping bolts to secure the heater brackets to the frame.
 - You will need a socket extension for reach; use a light piece of tape to hold the bolt in the socket so it does not fall out.
 - Make sure the fittings face the front of the machine.

STEP 3: SPLICE INTO THE COOLANT LINES

- 8) From the back passenger side (**PIC04**) locate the upper radiator hose and remove it from the machine. Once removed, install the Y-Fitting with orientation and the splice facing the same way as shown in the picture (**PIC08**).
- 9) Install the second Y-Fitting in the lower radiator hose (**PIC09**) and secure with hose clamps provided. Make sure the splice is facing the front of the machine. You want the coolant to re-enter the radiator hose in the same directional flow.
- 10) Reinstall the upper radiator hose.
- 11) Cut the heater hose provided into two 4' lengths.
- 12) Connect both hoses to the Y-Fitting and secure with hose clamps provided.
- 13) Run the hoses to the heater box (**PIC10**).
 - Connect the heater hose from the upper radiator hose (Inlet hose) to the lower heater core fitting (relative to gravity) and secure with hose clamps provided.
 - Connect the heater hose from the lower radiator hose (Return hose) to the higher heater core fitting (relative to gravity) and secure with hose clamps provided.
- 14) There is a shut-off valve included in the kit, if you want to be able to shut off the coolant flow through the heater during the hot months install the valve on either of the heater hose lines. Make sure it is in an easily accessible spot.

STEP4: INSTALL LOUVERS AND RUN DUCT

- 15) Take the circular louvers and screw off the back adapter (**PIC11**).
 - On the adapters, install the duct clips provided.
- 16) Using the 2" ducting, cut two runs of 18" and zip tie these to the adapters removed in the previous step (**PIC11**).

- 17) Using a 2.5" hole-saw mark the drill bit starting points and cut two holes for the defrost louvers (**PIC12**). Be sure to measure cutting reference marks (use panel edge for reference point) for symmetry before cutting.
- 18) Insert the louvers face into the holes and screw on the adapters from underneath the dash panel. You can leave the runs of duct hang for now.
- 19) Using a 2.5" hole-saw mark the drill bit starting points and cut two holes for the floor louvers. There is no exact location for the defrost louvers, see **PIC13** for how we set ours. Be sure to measure cutting reference marks for symmetry before cutting.
- 20) Install the two floor louvers into the openings and install the duct barbs on the louver adapters.
- 21) Cut a duct runs of 30" (driver side) and 18" (passenger side) with the 2" duct provided and connect the runs from the heater box to the backside of the louvers, using the zip ties provided (**PIC14**).
- 22) Take the 7-foot run of 2.5" duct and connect it to the heater box and run it through the doghouse up to the front of the machine (**PIC13**) (**PIC14**).
- 23) Install the duct Y-fitting on the open end of the 2.5" duct run (**PIC15**).
- 24) Last, connect the two runs of duct from the defrost louvers to the duct Y-fitting adapter.

STEP 5: WIRING

- 25) Remove one of the factory switch plates and install the rocker switch provided.
- 26) Using the wiring harness provided, plug the switch connector into the back of the rocker switch.
- 27) Using the wiring harness provided, run the blower fan connector to the heater box and plug it into the heater blower.
- 28) Using the wiring harness provided, run the red and black wires through the fire wall grommet and install the eyelets on the 12v accessory bar (**PIC16**).
- 29) Once the wiring is complete test it to make sure the blower runs properly.
- 30) You can now reinstall all the body panels back onto the machine.

STEP 6: REFILL COOLANT

- 31) Refill the radiator and check for leaks.
- 32) Start the machine and allow the engine to warm up and circulate the coolant.
- 33) Drive the vehicle and put it under a good load, this will help expel air from the system.
- 34) When done let the machine cool down, recheck the coolant level and refill coolant if needed.
- 35) 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



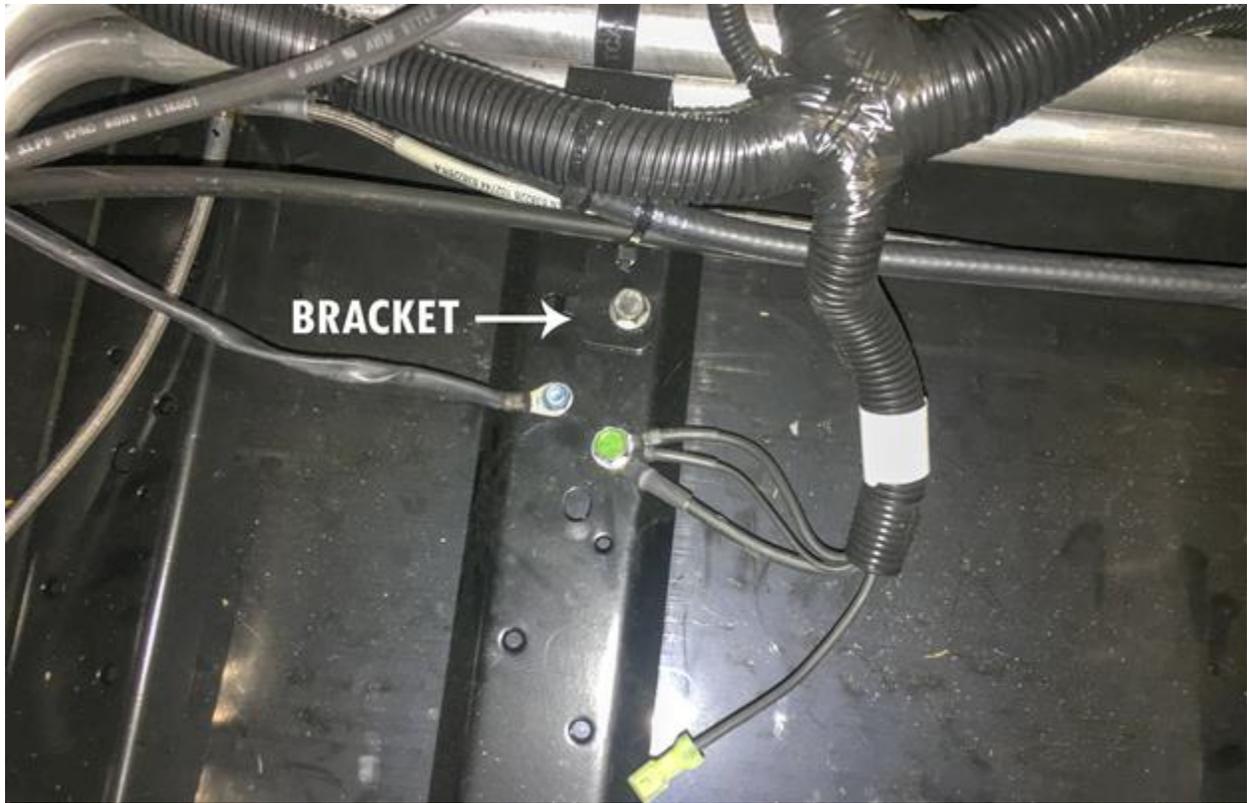
PIC02



PIC03



PIC04



PIC05



PIC06



PIC07



PIC08



PIC09



PIC10



PIC11



PIC12



PIC13



PIC14



PIC15



PIC16

