Arctic Cat (Textron) Havoc (2018 - Current)
Tracker SUX1000 (2019 – Current)
Direct-Fit Cab Heater with Defrost

541

STEP 1: PRE-INSTALLATION

1) Remove the hood panel and cover, and fender trim (**PIC01**).
2) Remove the center floor cover, driver and passenger seats, seat covers, the utility bed panel and cover, and the driver side panel (**PIC02**) (**PIC03**) (**PIC04**).

STEP 2: MOUNTING THE HEATER

3) The heater mounts next to the battery on the driver side (**PIC05**).
4) Use the 4 self-tapping bolts to secure the heater brackets to the frame.

STEP 3: SPLICE INTO THE COOLANT LINES

5) 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 (**PIC06**).
6) Install the second Y-Fitting in the lower radiator hose (**PIC07**) 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.
7) Reinstall the upper radiator hose.
8) Cut the heater hose provided into two 4’ lengths.
9) Connect both hoses to the Y-Fitting and secure with hose clamps provided.
10) Run the hoses to the heater box and connect the heater hose from the upper radiator hose (Inlet hose) to the lower heater core fitting (relative to gravity). Connect the heater hose from the lower radiator hose (Return hose) to the higher heater core fitting.
11) Make sure all connections are secured with hose clamps.

STEP4: INSTALL LOUVERS AND RUN DUCT

12) Take the circular louvers and screw off the back adapter (**PIC08**). Install the duct barbs on the adapters for extra hold.
13) Using the 2” ducting, cut two runs of 18” and zip tie these to the adapters removed in the previous step (**PIC08**).
14) Using a 2.5” hole-saw mark the drill bit starting points and cut two holes for the defrost louvers (**PIC09**). Measure cutting reference marks off the dash panel edge for symmetry before cutting.
15) Insert the face piece into the holes cut in the previous step (**PIC09**).
16) From underneath the dash panel, screw back on the adapter pieces that were previously removed from the face of the louvers. You can leave the runs of duct hang for now.
17) 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 **PIC10** for how we set ours. Be sure to measure cutting reference marks for symmetry before cutting.
18) Install the two floor louvers into the hole openings and place duct barbs on the adapters.
19) Cut duct runs of 42” (driver side) and 24” (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 (**PIC11**).

20) Take the 8-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 (**PIC10**) (**PIC12**).
21) Install the duct Y-fitting on the open end of the 2.5” duct run (**PIC12**).
22) Last, connect the two runs of duct from the defrost louvers to the duct Y-fitting adapter.

STEP 5: WIRING

23) Remove one of the factory switch plates and install the rocker switch provided.
24) Using the wiring harness provided, plug the switch connecter into the back of the rocker switch.
25) Using the wiring harness provided, run the blower fan connector to the heater box and plug it into the heater blower.
26) 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)**.
27) Once the wiring is complete test it to make sure the blower runs properly.
28) You can now reinstall all the body panels back onto the machine.

STEP 6: REFILL COOLANT

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

PIC01

PIC02

PIC03

PIC04

PIC05

PIC06

PIC07

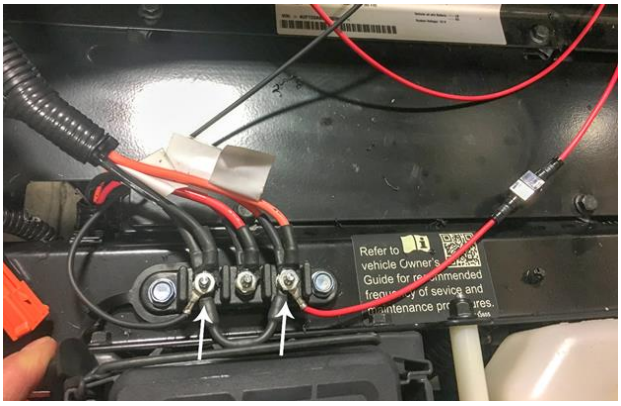
PIC08

PIC09

PIC10

PIC11

PIC12



PIC13