

## Honda Talon (2019 - Current) Direct-Fit Cab Heater with Defrost

### STEP 1: PRE-INSTALLATION

- 1) Remove the hood panel and cover (**PIC01**) (**PIC02**).
- 2) Remove the main center skid plate, this will be to run heater hose.

### STEP 2: INSTALL LOUVERS

- 3) Remove the WARNING plate from above the glove box.
- 4) Set the switch plate in place (provided in the kit) and install with the 6 rivets (**PIC07**).
  - Use a 3/16" bit to bore out the rivet holes, if needed.
- 5) Using a 2.5" hole-saw drill out the holes for the floor louvers. There is no exact location for the floor louvers, see **PIC03** and **PIC04** for where we installed ours.
- 6) Cut (2) pieces of duct at 16" each and secure them to the backside adapter of the (2) floor louvers (**PIC05**). The louvers screw off into 2 separate pieces.
- 7) Install the (2) floor louvers into the open holes. Leave the duct hang, you will connect these runs of duct to the heater later in the installation.
- 8) Using a 2.5" hole-saw drill out the holes for the defrost louvers (**PIC06**) (**PIC07**).
- 9) Cut (2) pieces of duct at 24" (passenger) and 36" (driver) and secure them to the backside adapter of the (2) floor louvers (**PIC05**). The louvers screw off into 2 separate pieces.
- 10) Take the 36" run of duct and install the adapter onto the back of the louver face in the open hole on the driver side defrost location. Leave the duct hang, you will connect these runs of duct to the heater later in the installation.
- 11) For the passenger side, have partner pull up the dash panel so you are able to better work under this space (**PIC08**).
- 12) Feed the 24" piece of duct underneath the passenger "grab bar" (feed the non-adapter end underneath the bar and towards the middle of the machine). It will appear as though the duct is being pinched too much, but the air flow will not be affected. You will need this angle so the duct does not pull at the louver adapter after installation and slowly work its way loose (**PIC08**).
- 13) Install the passenger side louver and leave the duct hang, you will connect these runs of duct to the heater later in the installation.

### STEP 3: WIRING

- 14) Using a razor blade knife, cut out the 4 switch holes on the switch plate.
- 15) Install the rocking switch in one hole and install the face plates on the other three (**PIC09**).
- 16) Using the wiring harness provided, plug the switch connector into the back of the rocker switch.
- 17) Using the wiring harness provided, locate the backside of the 12v charging dock. Unplug the wiring connector from the backside and splice into this connection with our wiring harness (**PIC10**).
- 18) Leave the connector for the fan blower, this will be connected to the heater in STEP 4.

#### **STEP 4: MOUNTING THE HEATER**

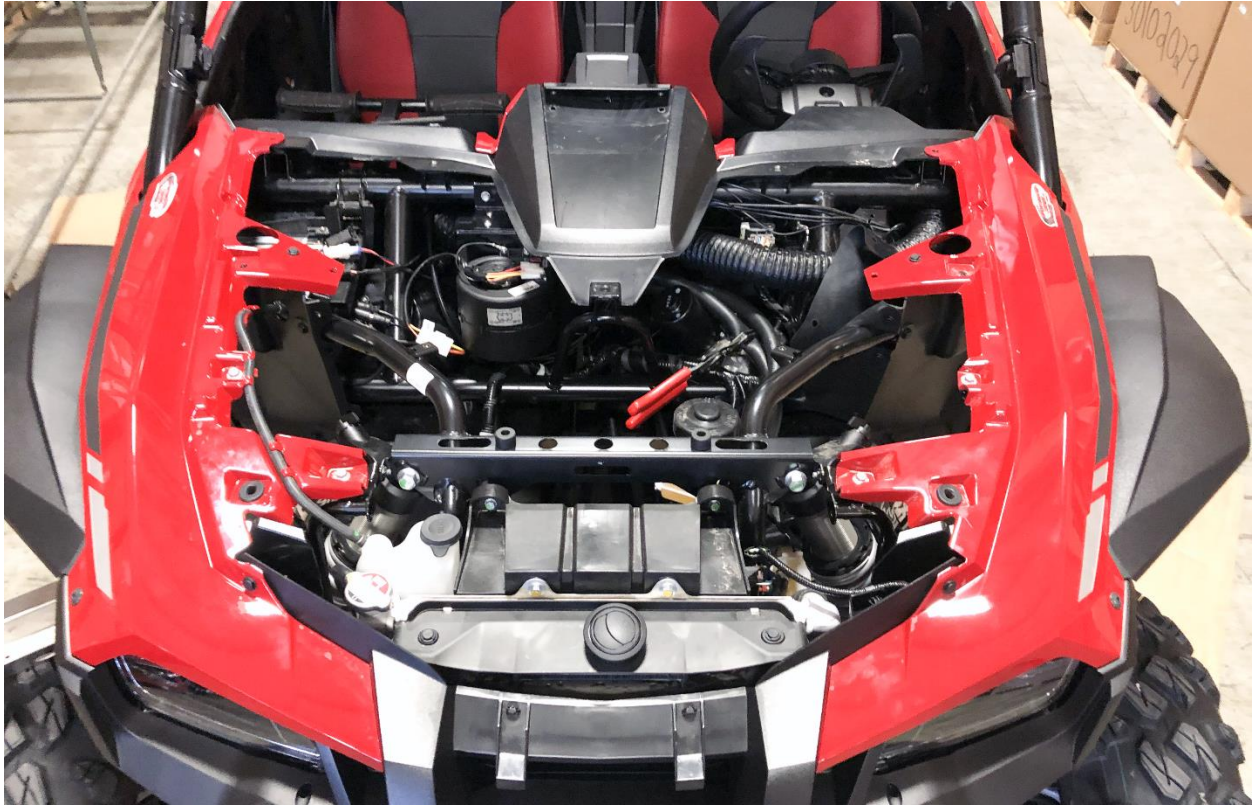
- 19) The heater mounts in the middle of the machine on a circular framing bar (**PIC11**).
  - Before mounting the heater, connect all (4) runs of duct to the heater box adapters. This is much easier to do with the heater box **NOT** mounted.
- 20) You can now plug the blower connector from the wiring harness to the heater blower.
- 21) Hold the heater in place and mark the 2 mounting holes; make sure the two holes line up on the middle/center of the circular bar (**PIC12**).
- 22) Use a 1/8" bit to pre-drill pilot holes on these marks.
- 23) Use the (2) self-tapping screws to install the heater to the machine (**PIC12**).

#### **STEP 5: SPLICE INTO THE COOLANT LINES**

- 24) Cut the heater hose into pieces of 9' and 3'.
- 25) Using line clamps, cut off the flow of coolant on each side of where you will make the cut to install the return line Y-Fitting (**PIC13**).
- 26) Insert the aluminum 1" Y-Fitting and secure using the hose clamps provided.
  - Make sure the 5/8" splice fitting is point toward the radiator. You want the coolant to return to the radiator line keeping the same flow.
- 27) Connect the 3' hose from the higher heater core fitting (relative to gravity) to the return line Y-Fitting.
- 28) With the main skid plate section removed run the 9' piece of hose from the engine to the front of the machine.
- 29) Attach the hose to the lower heater core fitting (relative to gravity) and secure with the hose clamp provided.
- 30) Feed the slack out of the line and tie out of the way of the drive shaft with zip ties, if needed. You can now reinstall the skid plate.
- 31) Locate the oil cooler hose and locate where you will make your cut (**PIC14**). Using line clamps, cut off the flow of coolant on each side of where you will make the cut and install the black inlet line Y-Fitting.
  - We removed 1" off the oil cooler line so there was not excess slack in the line.
  - Note where each hose connects on the Y-Fitting. You want a straight flow from the inlet side of the oil cooler line to the heater hose.
- 32) Make sure all connections are secured with hose clamps.

#### **STEP 6: REFILL COOLANT**

- 33) Refill the radiator and check for leaks.
- 34) Start the machine and allow the engine to warm up and circulate the coolant.
- 35) Drive the vehicle and put it under a good load, this will help expel air from the system.
- 36) When done let the machine cool down, recheck the coolant level and refill if needed.
- 37) 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





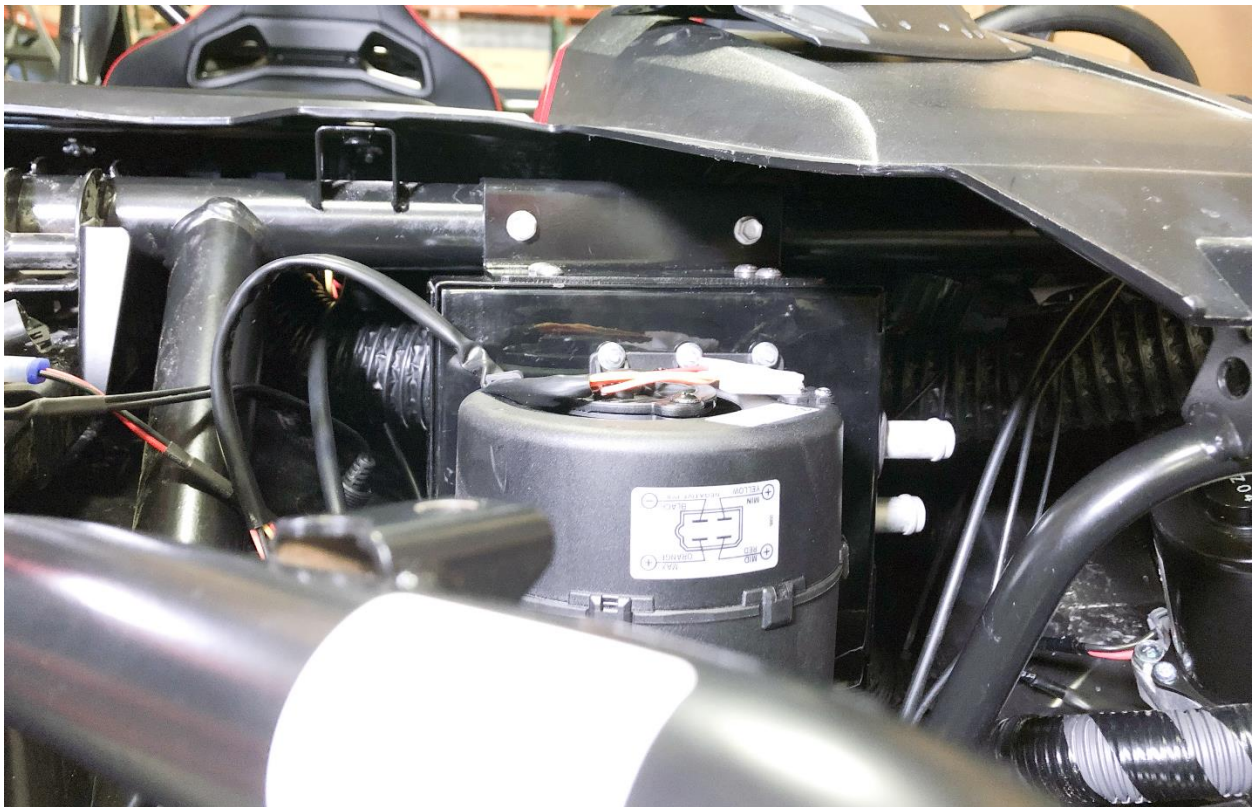
PIC09



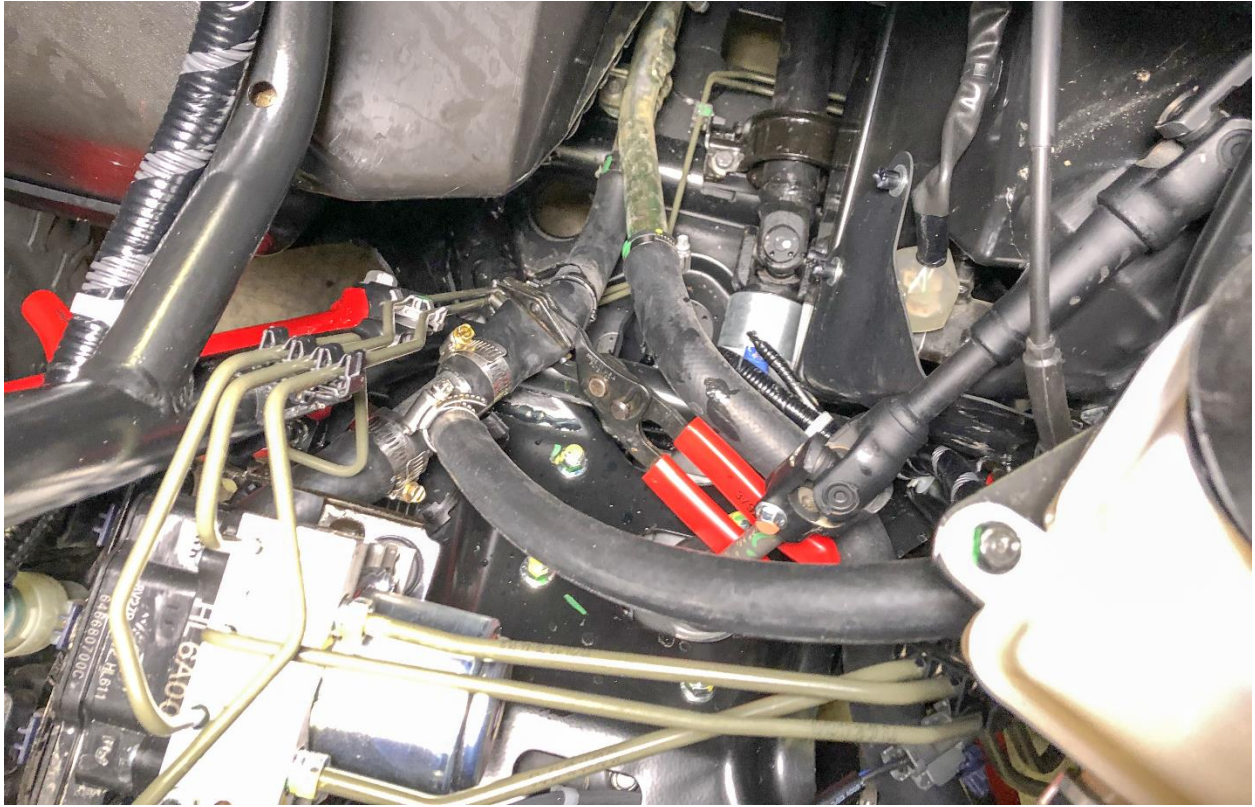
PIC10



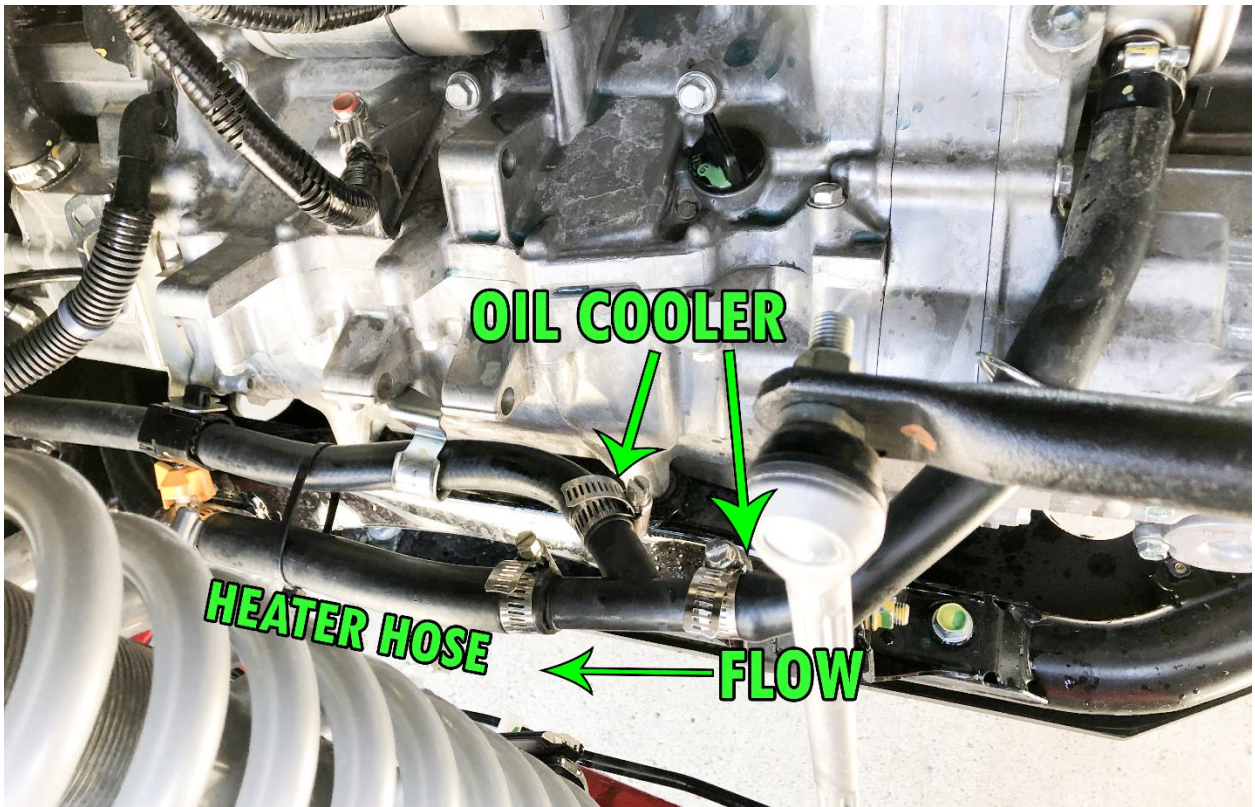
PIC11



PIC12



PIC13



PIC14

