

Polaris General (2016 - Current) Direct-Fit Cab Heater with Defrost

STEP 1: PRE-INSTALLATION

- 1) Remove the hood.
- 2) Remove the top dash panel (**PIC04**).

STEP 2: INSTALL LOUVERS

- 3) Using a 2.5" hole-saw drill out the holes for the floor louvers. There are factory dimples in the cab panels showing where to start your drill bit (**PIC01**) (**PIC02**).
- 4) Unscrew the face of the louver from the adapter and set the face in the hole, then screw the adapter on from the back side of the panel.
 - Install the duct clips on the louver adapters for max hold. The duct will be installed later in the installation.
- 5) Using a 2.5" hole-saw drill out the holes for the defrost louvers (**PIC03**) (**PIC04**).
 - Measure 1.75" off the back edge and center the mark for the hole-saw bit.
 - On the marked spot, pilot a 1/8" bit hole for the hole-saw.
- 6) Unscrew the face of the louver from the adapter and set the face in the hole, then screw the adapter on from the back side of the panel.
 - Install the duct clips on the louver adapters for max hold. The duct will be installed later in the installation.

STEP 3: MOUNTING THE HEATER

- 7) The heater mounts between two framing bars with the heater core fittings facing the passenger side.
- 8) Mount the box so it sits 1/2" off the power steering protection panel.
- 9) Remove the bracket from the heater box and mount the bracket by itself.
- 10) Mark the 4 holes for the self-tapping screws and drill 1/8" pilot holes.
- 11) **NOTE:** the original General model used two square framing bars so the bracket fits snug. The newer models switched to a circle framing bar so you will want to fit the bracket and make sure to mark the two pilot hole locations in the middle of the circular framing tube.
- 12) Use the (4) self-tapping screws to install the bracket to the machine (**PIC05**).
- 13) Bring the heater box up from underneath the bracket and install the heater box back onto the bracket (**PIC06**).

STEP 4: WIRING

- 14) Install the rocker switch in one of the factory openings.
- 15) Using the wiring harness provided, plug the switch connector into the back of the rocker switch.
- 16) Using the wiring harness provided, plug the high/low wire (yellow/orange) connector to the heater blower connector.

- 17) Using the wiring harness provided, run the power wires (red/black) through the grommet to the front of the machine and plug into the factory connector (**PIC07**).
- 18) **NOTE:** the original General model will have the terminal block instead of the factory connector plug in. Cut off the connector and install the (2) eyelets (included in kit) to the power/ground wires and install them to the terminal block (**PIC08**).

STEP 5: SPLICE INTO THE COOLANT LINES

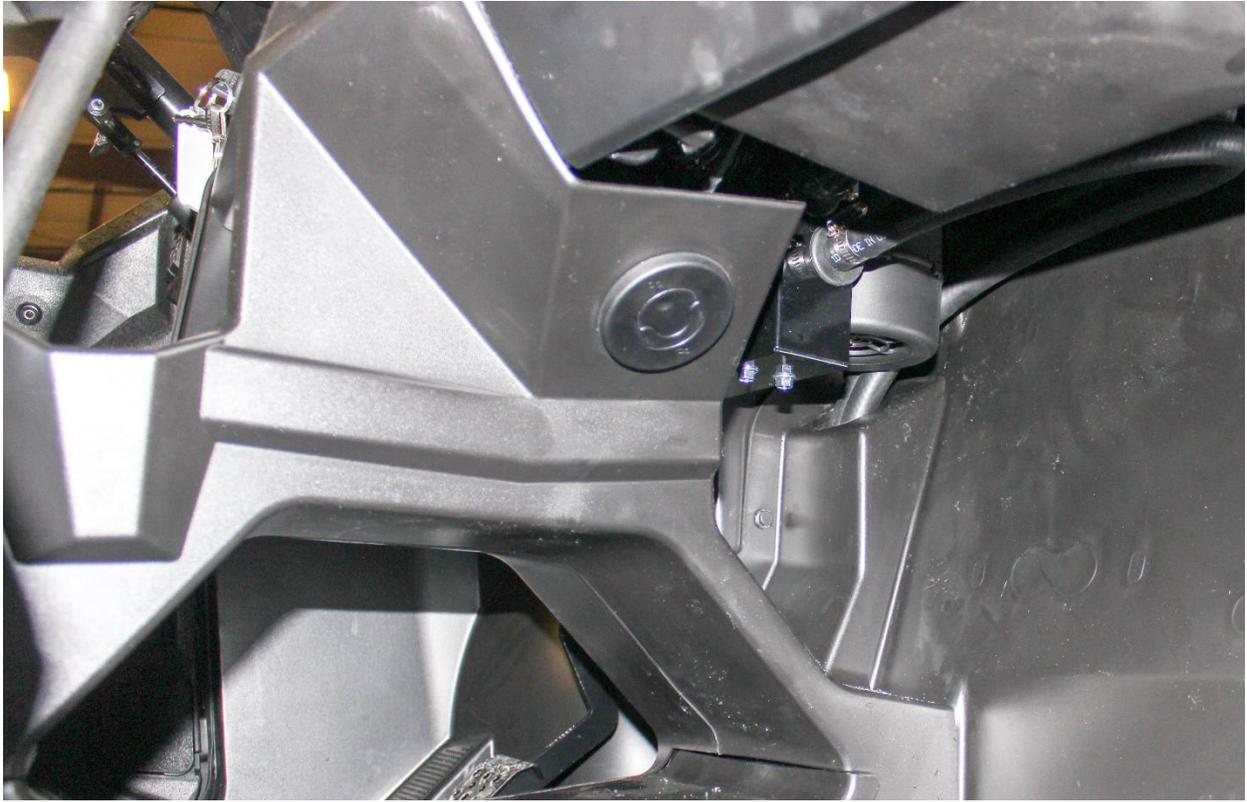
- 19) Using a 1-3/8" hole-saw install the two rubber grommets (**PIC09**) in the firewall on the passenger side.
- 20) Use the Y-Fitting provided and splice into the lower radiator hose (return line) (**PIC10**).
 - Make sure the 5/8" splice is pointing toward the radiator, you want the coolant to flow back into the radiator line in the same direction it is moving from the radiator.
- 21) Cut a 3-foot piece of heater hose and run it from the Y-Fitting to the highest heater core fitting (relative to gravity) and secure using the hose clamps provided.
- 22) Locate the oil cooler line from the rear passenger side wheel well.
- 23) Using line clamps, pinch off the oil cooler line on each side of where you will make the cut.
- 24) Cut the oil cooler line and install the T-Fitting (**PIC11**) using the hose clamps provided.
- 25) Run the remaining hose from the lowest heater box fitting (relative to gravity) to the T-Fitting.
 - Run the hose through the grommets and under the machine. Remove the middle floor panel to give you access to feed the hose to the back. (**PIC12**).
 - Extra hose is included for the CREW model. For 2-seat model, trim the heater hose to fit.

STEP 6: INSTALL DUCT

- 26) Cut (2) 12" pieces of duct and secure them to the backside adapter of the floor louvers using the zip ties provided.
- 27) Install the other end of the duct to the heater box adapters using the zip ties provided.
- 28) Cut (2) 22" pieces of duct and secure them to the backside adapter of the defrost louvers using the zip ties provided.
- 29) Install the other end of the duct to the heater box adapters using the zip ties provided.

STEP 7: 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 refill 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.



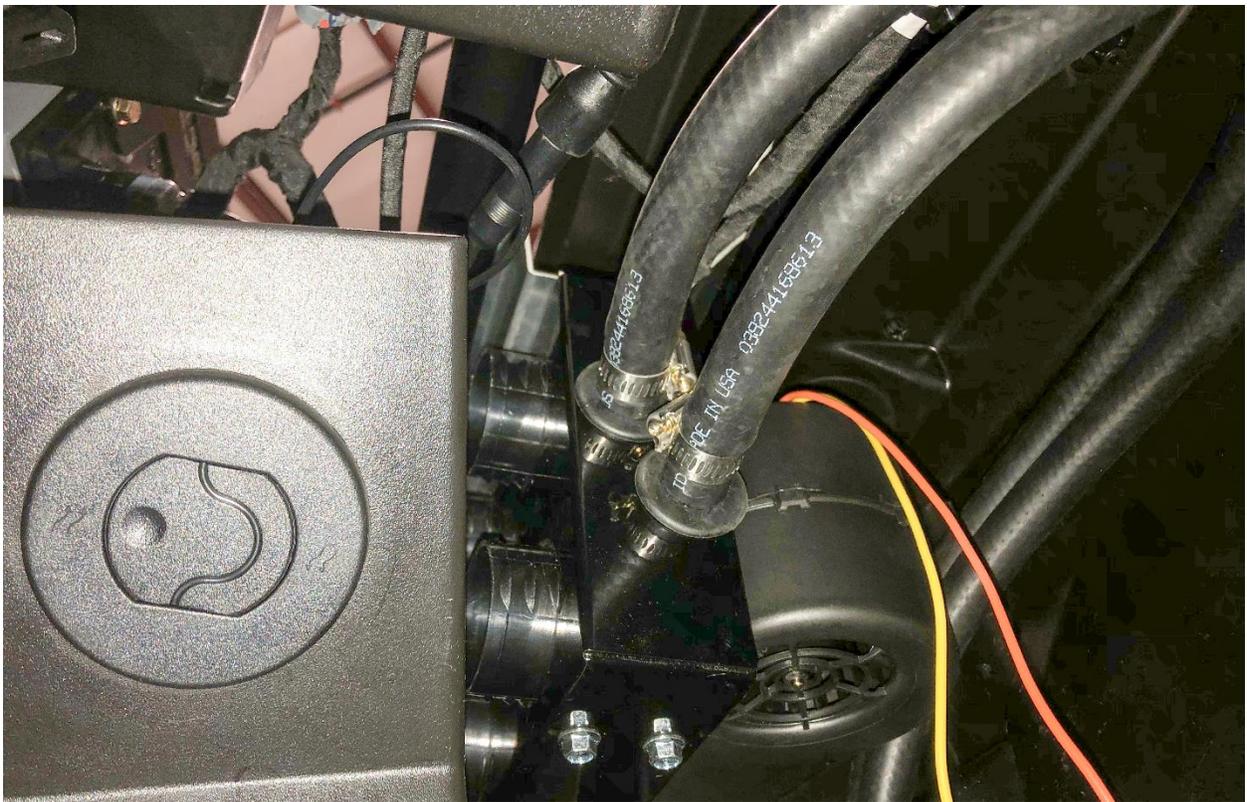
PIC01



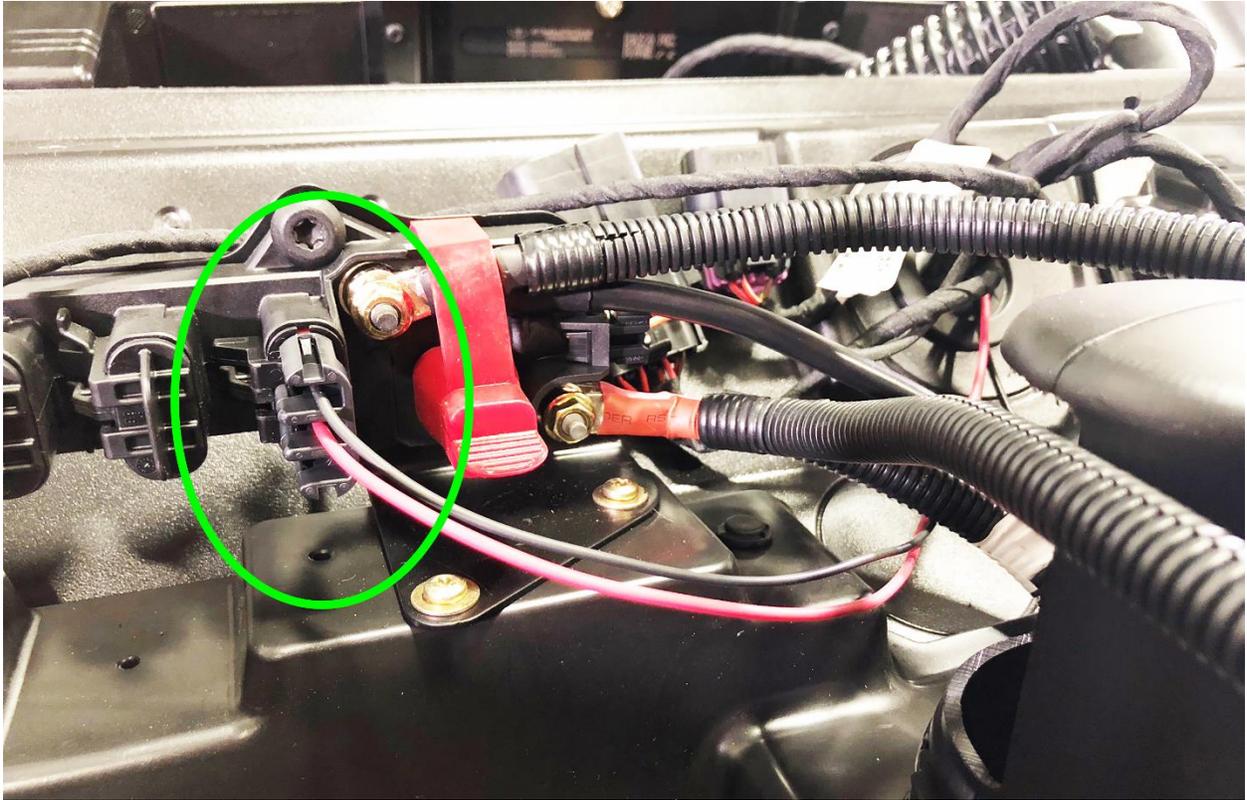
PIC02



PIC05



PIC06



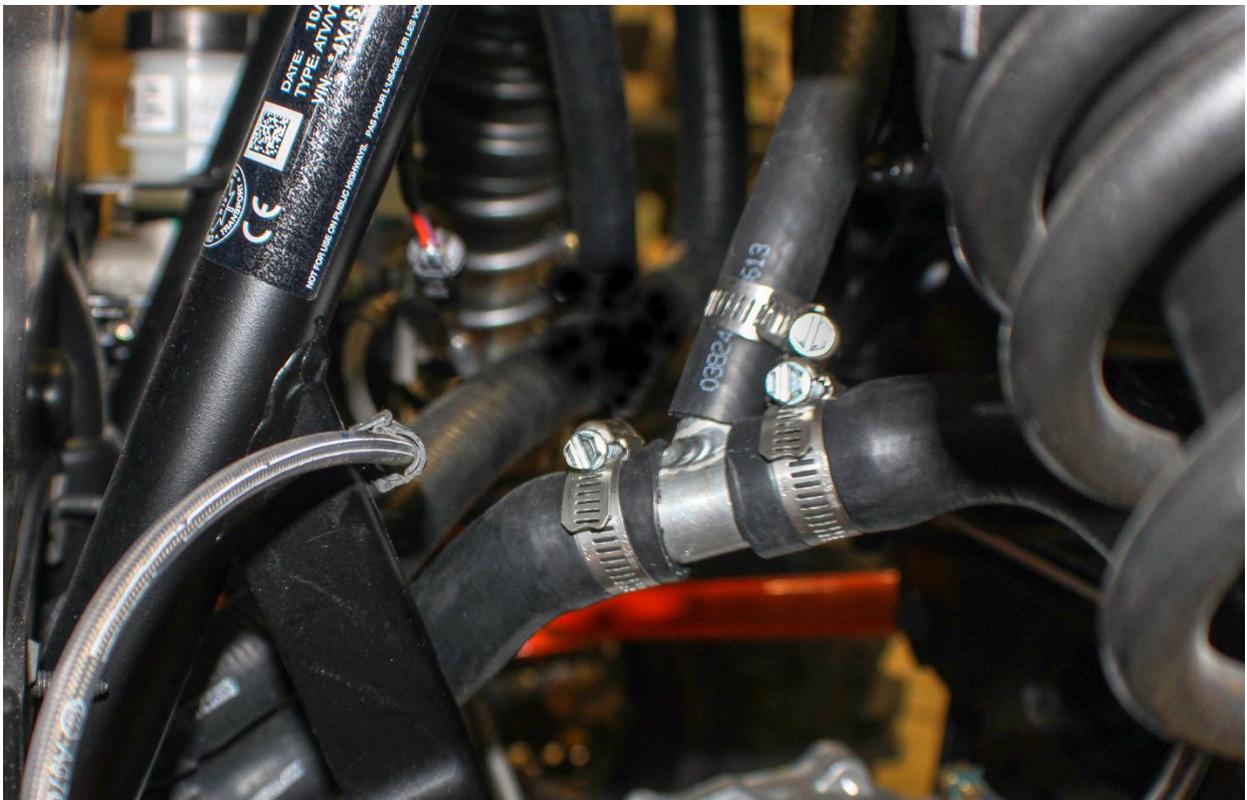
PIC07



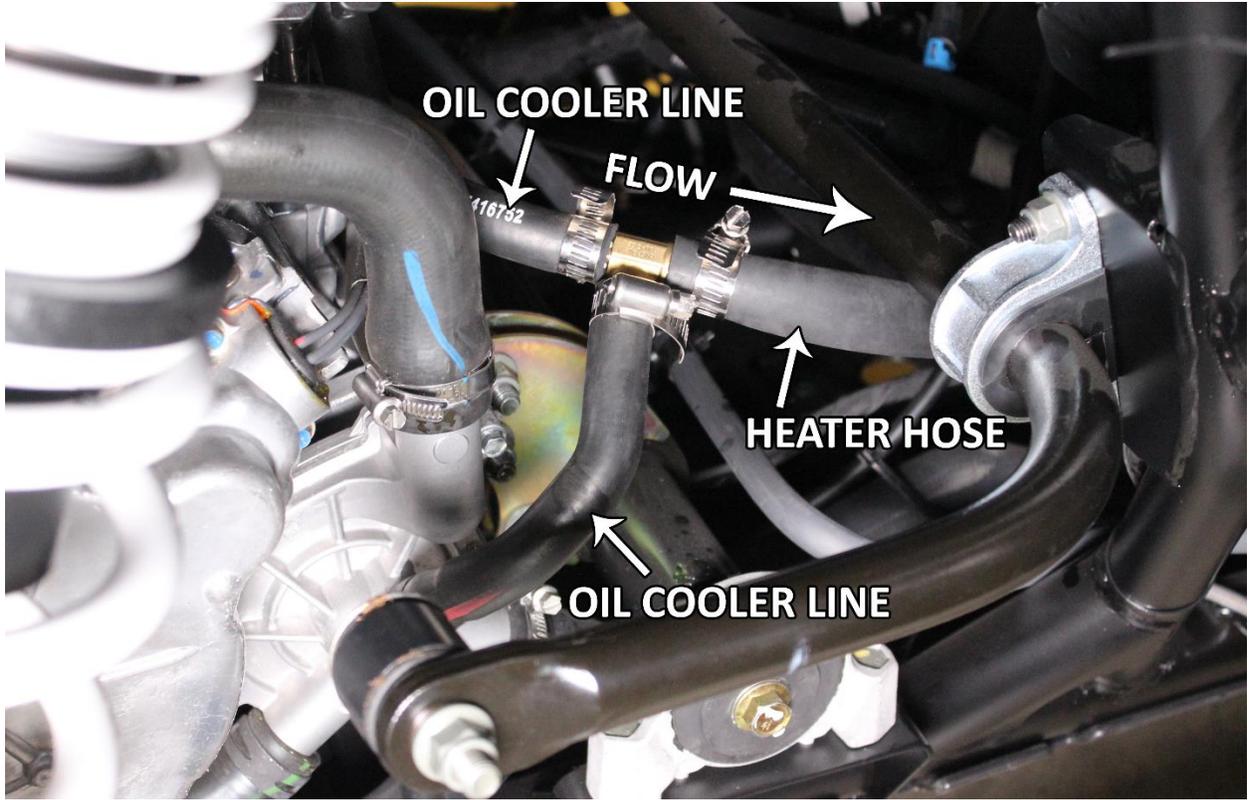
PIC08



PIC09



PIC10



PIC11



PIC12