

Can-Am Maverick Trail & Sport (2018 - Current) Direct-Fit Cab Heater with Defrost

STEP 1: PRE-INSTALLATION

- 1) Remove the hood
- 2) Remove the driver and passenger side hood pieces (**PIC01**).
 - There is one “hidden” screw that can be tough to find (**PIC02**).
- 3) Remove the passenger side firewall protector (**PIC03**).
- 4) If you have the Sport model you need to remove the RC module up under the center dash and remove the plastic housing (**PIC04**).
- 5) Using a razor blade, slightly enlarge the area by shaving the edges of this plastic boss on the mold of the firewall (**PIC05**).
- 6) Set the finger of the module on this boss and use the Hex Screw and Washer to mount the module to the firewall (**PIC06**).
 - The foam on the module will be against the firewall.

STEP 2: INSTALL LOUVERS

- 7) Using a heat gun, remove the warning sticker located in the center dash.
- 8) Using the louver cutout template, set it where the warning sticker use to be and drill pilot holes for the defrost louvers. The louvers have to be lower because of a framing bar behind the dash.
- 9) Using a 2.5” hole-saw drill out the holes for the defrost louvers (**PIC07**).
- 10) The louvers are two piece louvers, screw off the adapter portions and put the duct clips on the adapters. These help hold the duct on.
- 11) Cut (2) 24” pieces of duct and secure them to the adapters with the zip ties provided.
- 12) Now set the face of the louvers in the holes and screw the adapters on from the backside.
 - Leave the duct hang, you will secure to the heater box in **STEP 4**.

STEP 3: WIRING

- 13) Install the rocker switch in one of the factory openings.
- 14) Using the wiring harness provided, plug the switch connector into the back of the rocker switch.
- 15) The high/low wires (yellow/orange) come already connected to the resistor spades on the heater box.
- 16) After you mount the heater, run the harness power wires (red/black) to the 12v supply (**PIC08**).

STEP 4: MOUNTING THE HEATER

- 17) Using a 1-3/8” hole-saw, drill (2) holes on the firewall and install the rubber grommets (**PIC05**).
 - Note in the picture there are two tabs sticking off the firewall, install the grommets between these two tabs.

- 18) Hold the heater box in place and mark on the framing bars the (3) locations for the self-tapping screws that will mount the heater box (**PIC09**). This is easiest if you have a partner hold the heater in place while you mark.
 - See the green circles on the picture that show the front two self-tapping screws that are located on the front bar that runs side-to-side.
 - The green arrow points to the bar that runs front-to-back on the passenger side of the heater box. The third self-tapping screw mark should be centered on this bar.
 - Use a 1/8" bit and drill pilot holes on the marked locations. You will need to drill the pilot hole through both edges of this small square framing bar.
- 19) Before mounting the heater, cut the supplied heater hose in half and attach them on the two heater core fittings.
- 20) Using the (3) self-tapping screws provided, mount the heater (**PIC09**).
 - Slide the heater hose through the grommets as you are putting the heater box in place (**PIC10**).
- 21) Attach the two runs of duct to the duct adapters on the heater box (**PIC09**).

STEP 5: SPLICE INTO THE COOLANT LINES

- 22) If you do not have line clamps drain the radiator before cutting into the radiator lines.
- 23) Work from the top of the hood and locate where on the upper and lower radiator hoses you will install the Y-Fittings (**PIC11**).
- 24) Using the Y-Fittings provided, splice into the upper and lower radiator hoses (**PIC12**) and secure with the hose clamps provided.
 - Make sure the 5/8" splice is pointing toward the radiator (**PIC13**), you want the coolant to flow to (and back from) the heater in the same direction that it is flowing to and from the radiator hoses.
- 25) Take the heater hose and run it from the heater core fittings to the Y-Fittings and secure with the hose clamps provided.
 - The higher heater core fitting (relative to gravity) goes to the lower (return) radiator line, and the lower heater core fitting (relative to gravity) goes to the upper (inlet) radiator line.
- 26) Reinstall all (3) hood panels previously removed.
- 27) When reinstalling the (2) firewall protector panels you will need to notch out a portion to allow the heater hose to run to the Y-Fittings (**PIC14**) (**PIC15**) (**PIC16**).

STEP 6: REFILL COOLANT

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



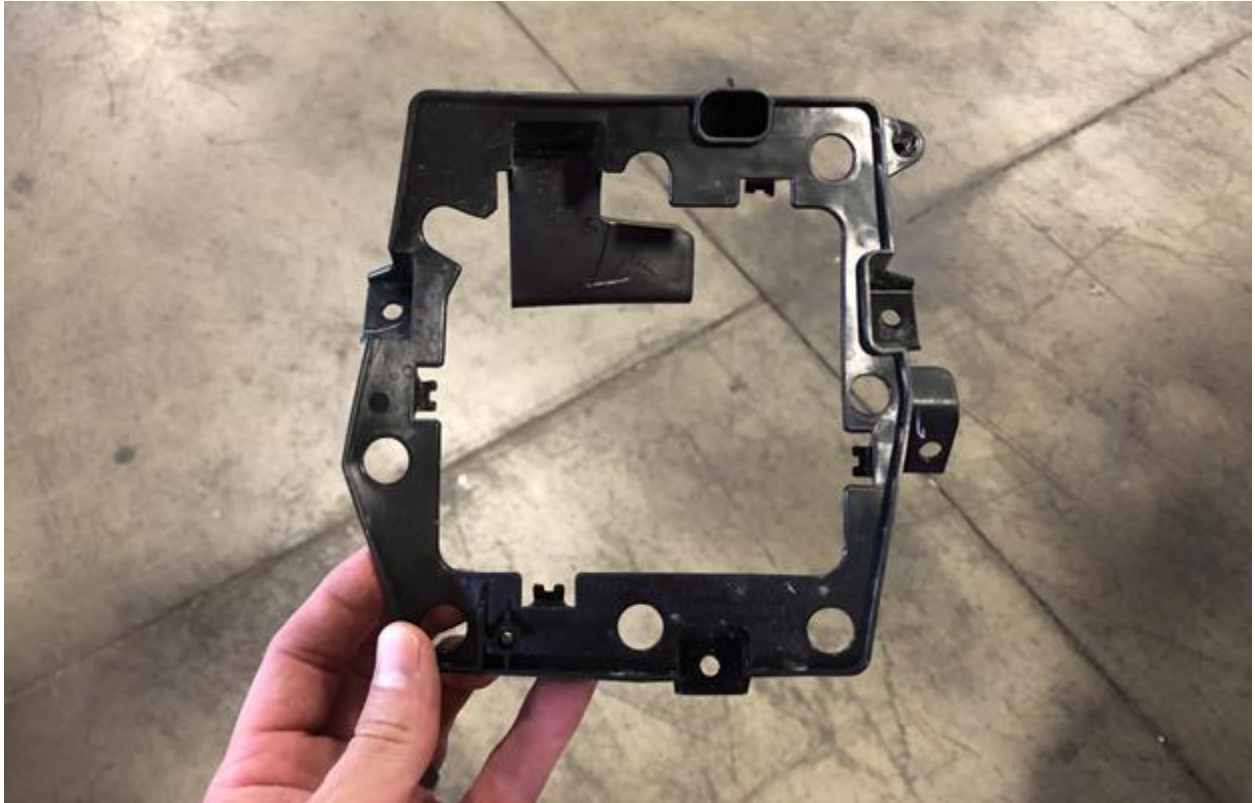
PIC01



PIC02



PIC03



PIC04



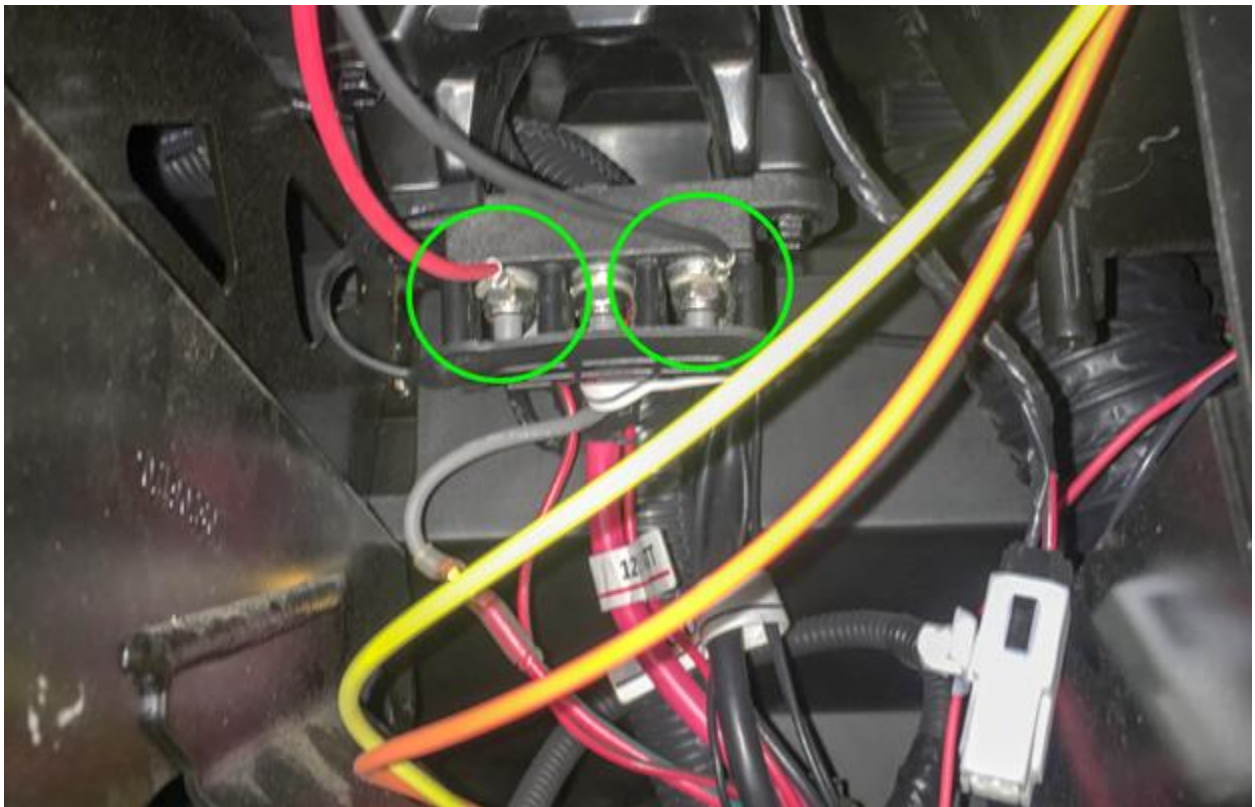
PIC05



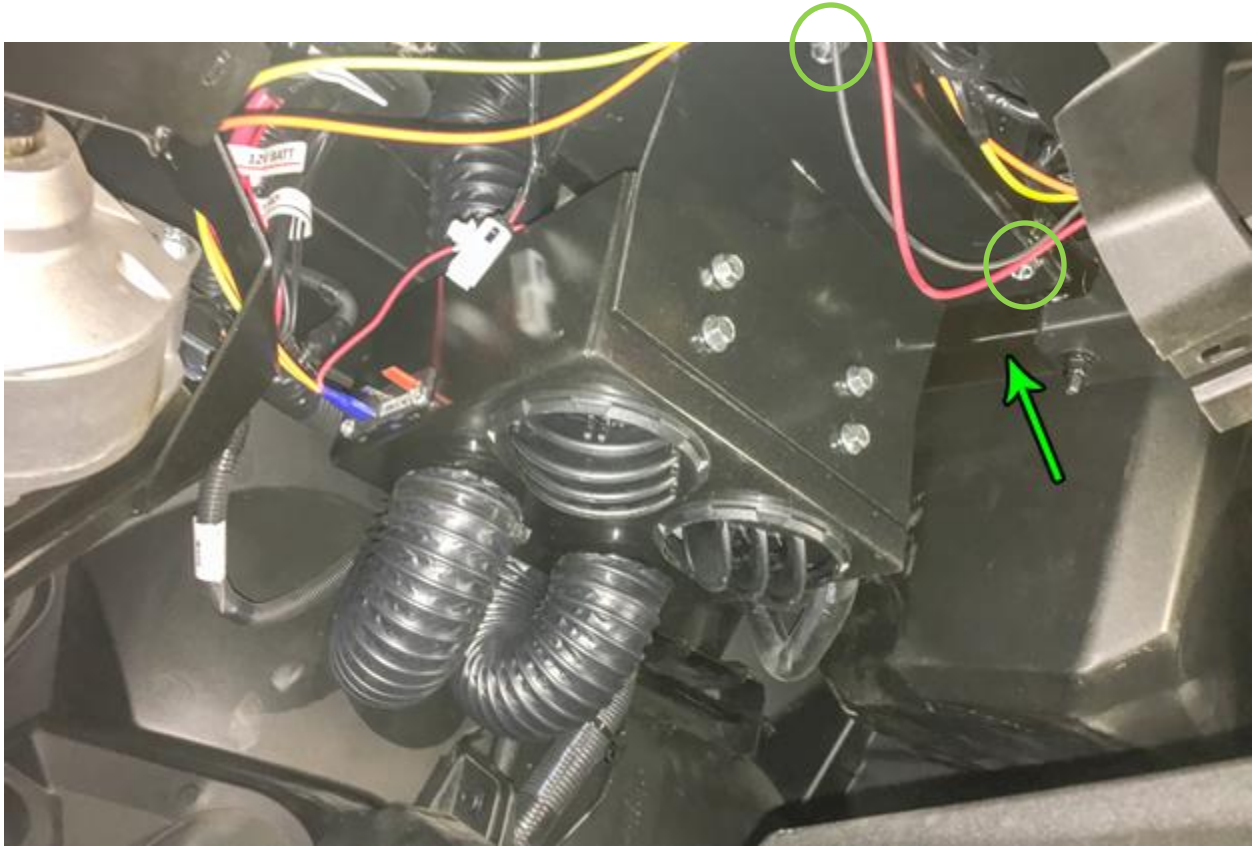
PIC06



PIC07



PIC08



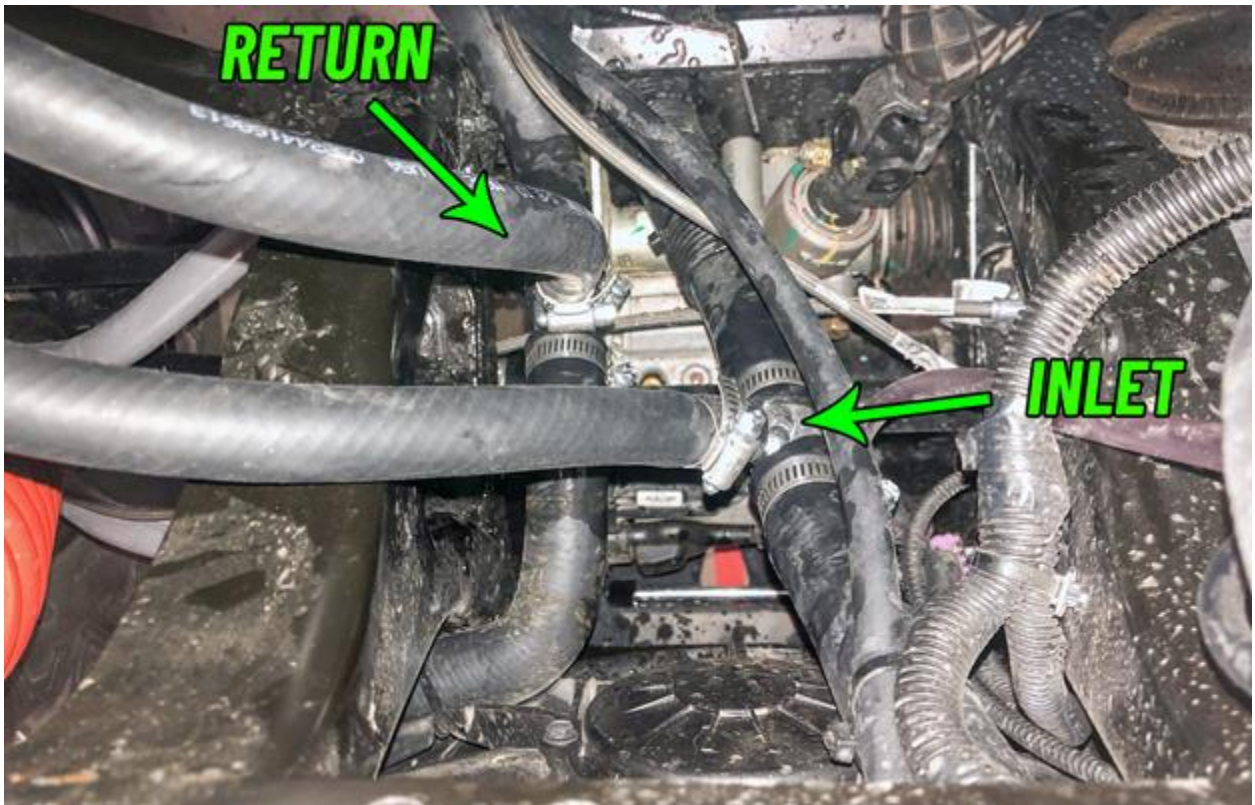
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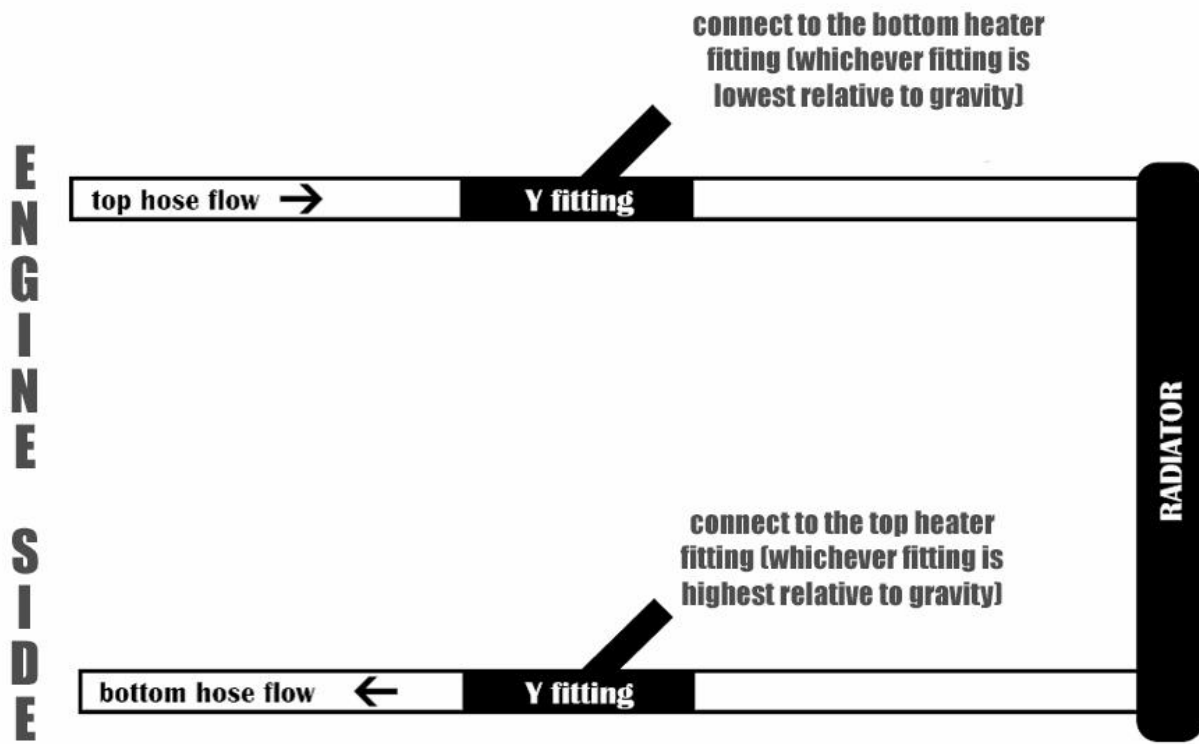
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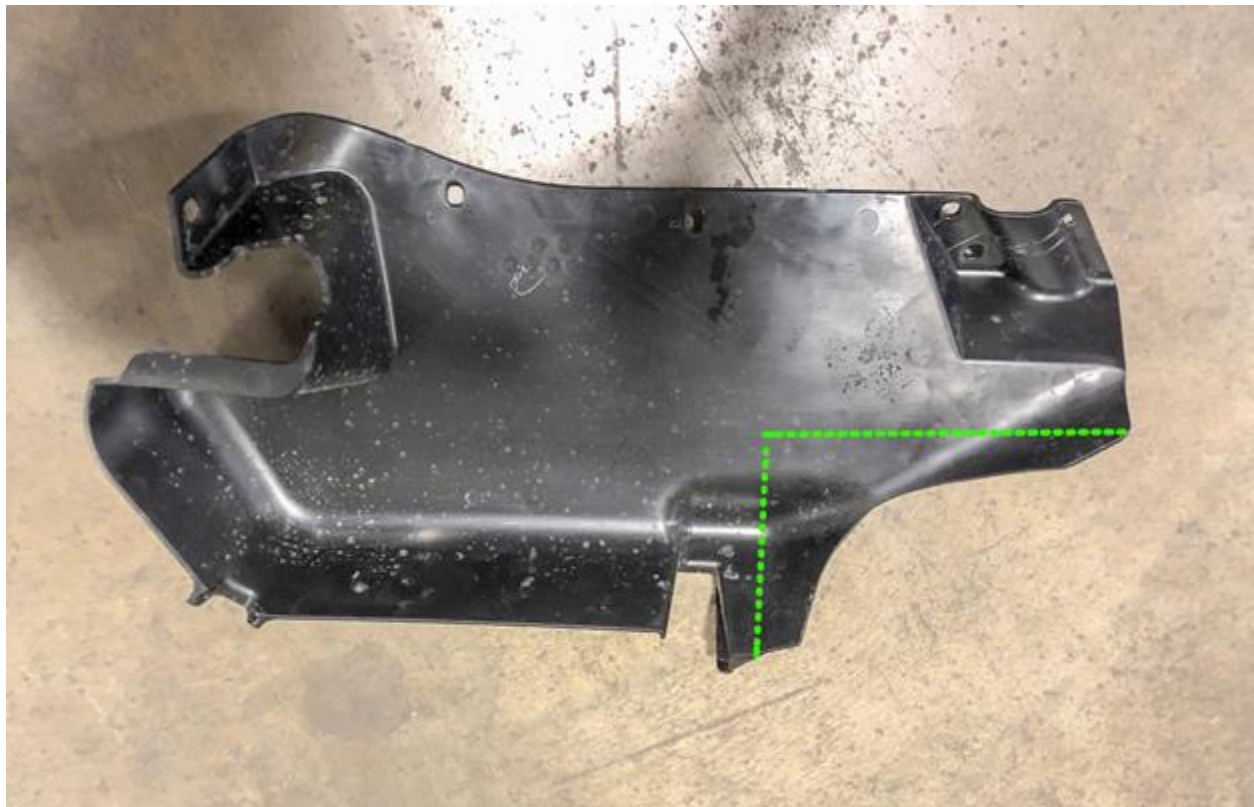
PIC11



PIC12



PIC13



PIC14



PIC15



PIC16

