Yamaha Wolverine X2 / X4 (2018 - Current)
Direct-Fit Cab Heater with Defrost

STEP 1: PRE-INSTALLATION

1) Remove the hood cover.
2) Remove the driver side fender panel – not removed in photo (**PIC01**).
3) Remove the back dash panel – already removed in photo (**PIC01**).

STEP 2: WIRING

1) Install the rocker switch into a factor switch plate opening.
2) Using the wiring harness, plug the switch connecter into the back of the rocker switch.
3) Using the wiring harness, plug the OE connector into a Factory Accessory plug located behind the dash (**PIC02**).
4) Leave the white blower connector alone (yellow/orange wires), you will plug this into the heater blower in STEP 4 when you mount the heater.

STEP 3: INSTALL LOUVERS AND RUN DUCT

5) Using the circle louver templates provided in the instructions, set the cutouts in the locations shown (**PIC03**) (**PIC04**) and use a small drill bit to pilot holes for the hole-saw. Set the template in a center location in both spots to assure a symmetrical look.
6) Using a 2.5" hole-saw drill out the (2) holes for the floor louvers.
7) Install the floor louvers by screwing off the back adapter and setting the face in the hole. Now screw on the back adapter and install the duct hold clips on the adapters.
    - Cut a run of 4-feet for the passenger side floor louver and a run of 3-feet for the driver side floor louver. You can attach these to the louver adapters before screwing the adapters back onto the louver faces.
8) Using the defrost vent templates provided, set the cut-out on the factory location for the defrost vents and trace the vent opening and screw holes (**PIC05**).
9) Using a ½" drill bit make two openings on the edges of the vent opening, then use a razor blade knife to cut the full opening (**PIC06**).
10) Use a small drill bit to start opening for the two screws (**PIC06**).
11) Place the vent adapter on the backside of the dash panel and place the grill on the front of the dash panel. Use the screws to go through the grill and into the adapter (**PIC07**) (**PIC09**).
    - Cut a run of 4-feet for the passenger side defrost vent and a run of 2-feet for the driver side defrost vent (**PIC08**).
    - Leave all the runs of duct loose, they will be secured to the heater in STEP 4.

STEP 4: MOUNTING THE HEATER

12) Set the heater in place, but before mounting:
    - Plug the white blower connector from the wiring harness into the heater blower.
    - Connect the (4) runs of duct to the adapters on the heater box.

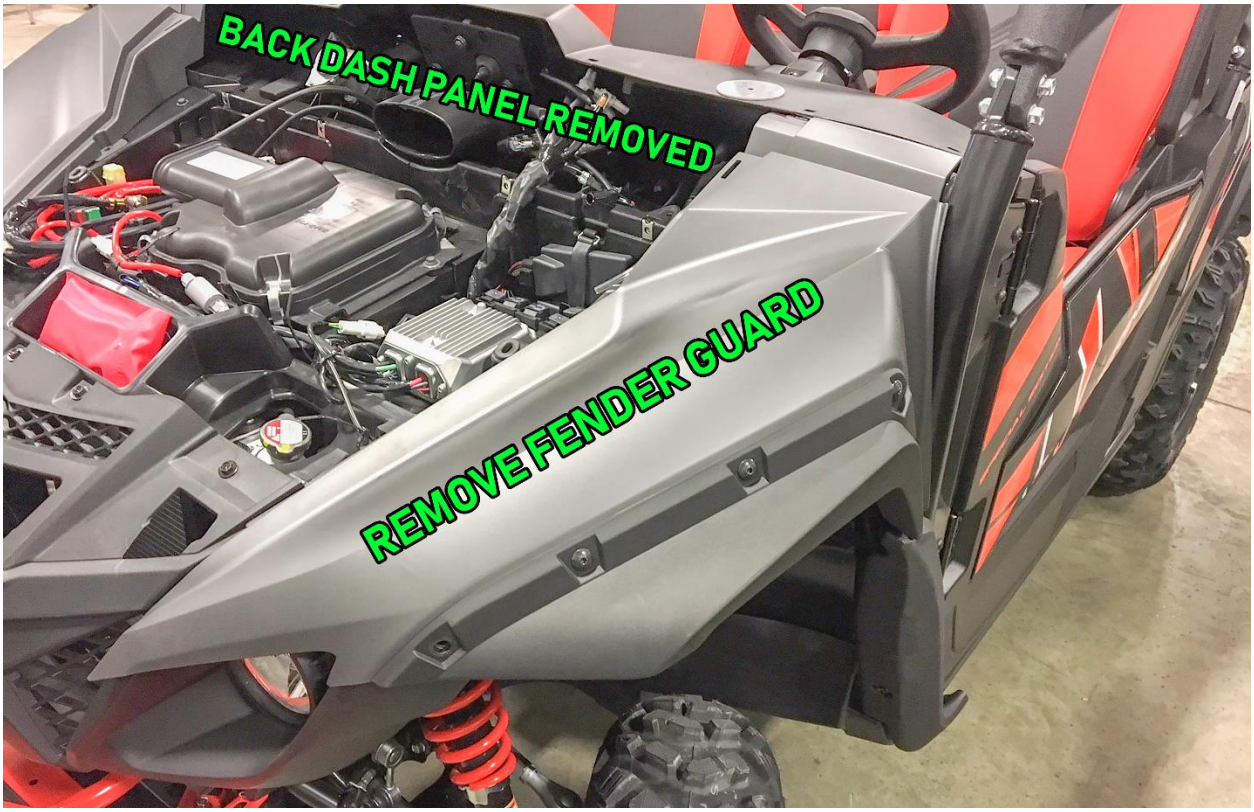
13) Set the heater in place and mark the 4 mounting holes (**PIC10**).
14) Drill out pilot holes for the 4 mounting holes using a 1/8" drill bit.
15) Mount the heater in place by installing the (4) self-tapping screws (**PIC10**).

STEP 5: SPLICE INTO THE COOLANT LINES

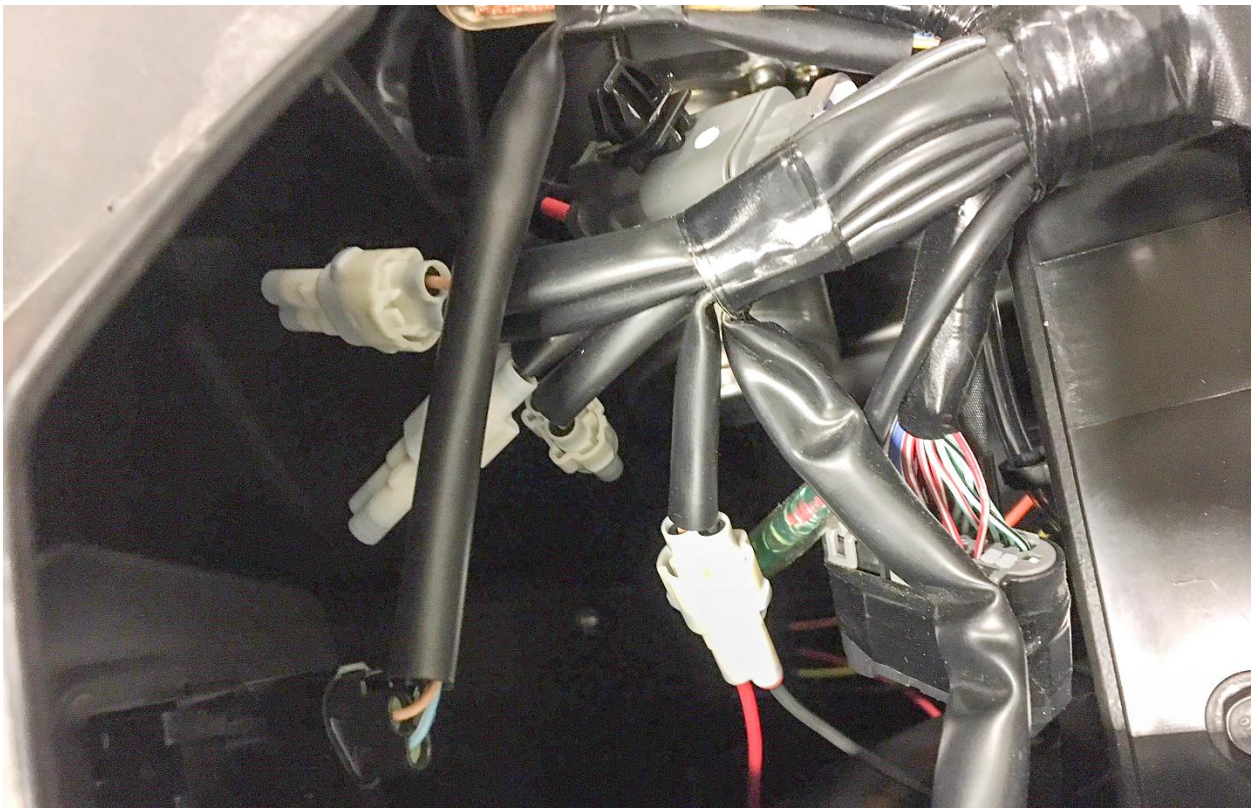
16) Cut the heater hose into pieces of 3-feet and 2-feet.
17) Using clamps, pinch off the lower (return) radiator line on each side of where you will make your cut (**PIC11**).
18) Make the cut into the line and install a Y-Fitting, secure with the hose clamps provided.
19) Run the 2-foot piece of heater hose from the highest heater box fitting (relative to gravity) to the return line Y-Fitting (**PIC11**), trim as needed and secure with the hose clamps provided.
    - Included in the kit is a bleed valve. If desired, you can install this bleed valve in-line on this return hose. This will help expel air from the system easier (**PIC12**).
20) Using clamps, pinch off the upper (inlet) radiator line on each side of where you will make your cut (**PIC13**).
21) Make the cut into the line and install a Y-Fitting, secure with the hose clamps provided.
22) Run the 3-foot piece of hose from the lowest heater box fitting (relative to gravity) to the inlet line Y-Fitting (**PIC13**), trim as needed and secure with the hose clamps provided.

STEP 6: REFILL COOLANT

23) Refill the radiator and check for leaks.
24) Start the machine and allow the engine to warm up and circulate the coolant.
25) Drive the vehicle and put it under a good load, this will help expel air from the system.
26) When done let the machine cool down, recheck the coolant level and refill if needed.
27) Coolant will be consumed as the air is expelled from the system. You may need to run the machine and recheck fluid levels multiple times before working out all of the air.



PIC01



PIC02



PIC03



PIC04



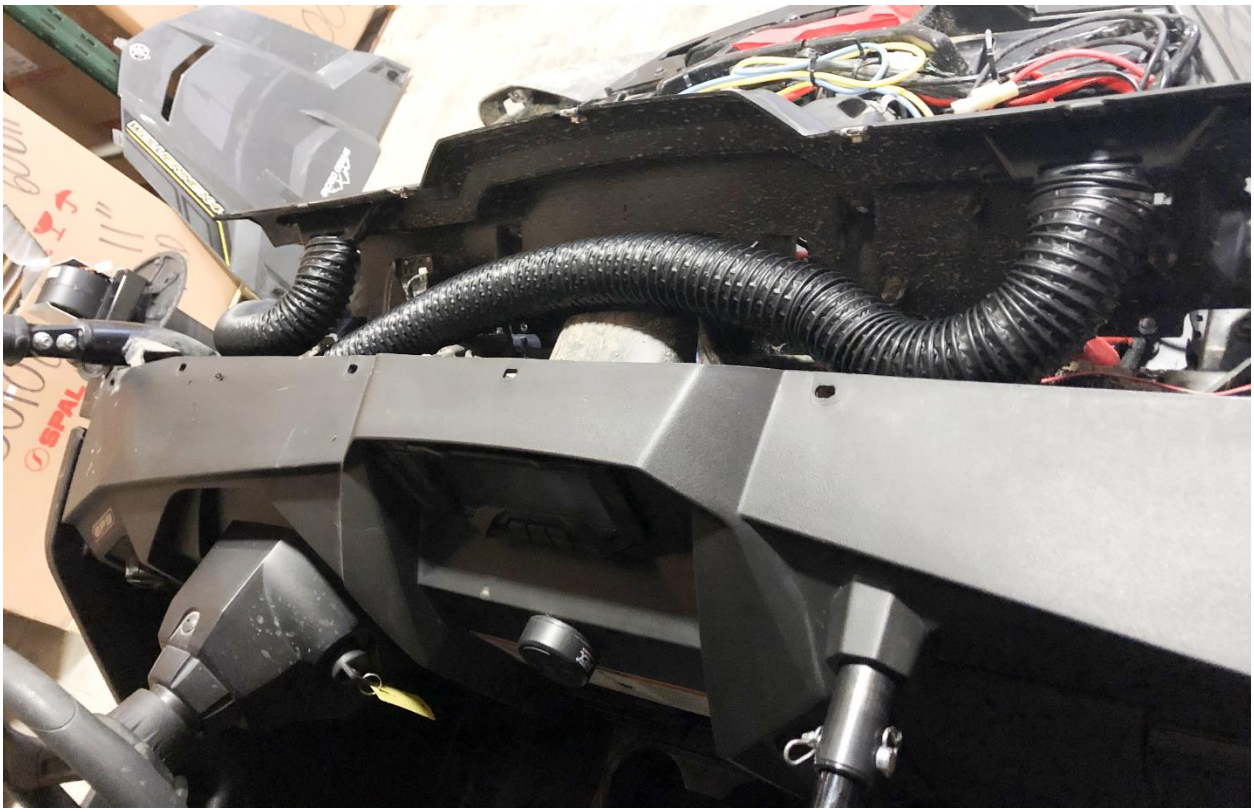
PIC05



PIC06



PIC07



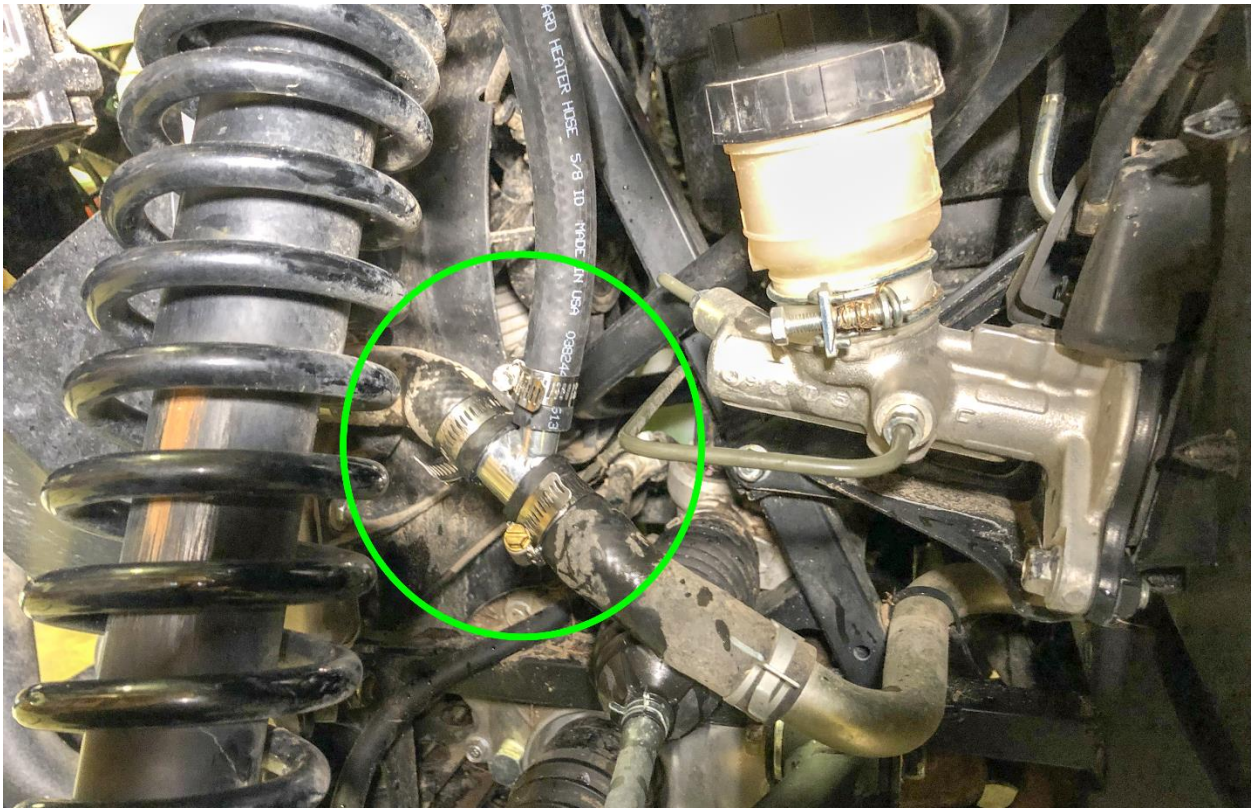
PIC08



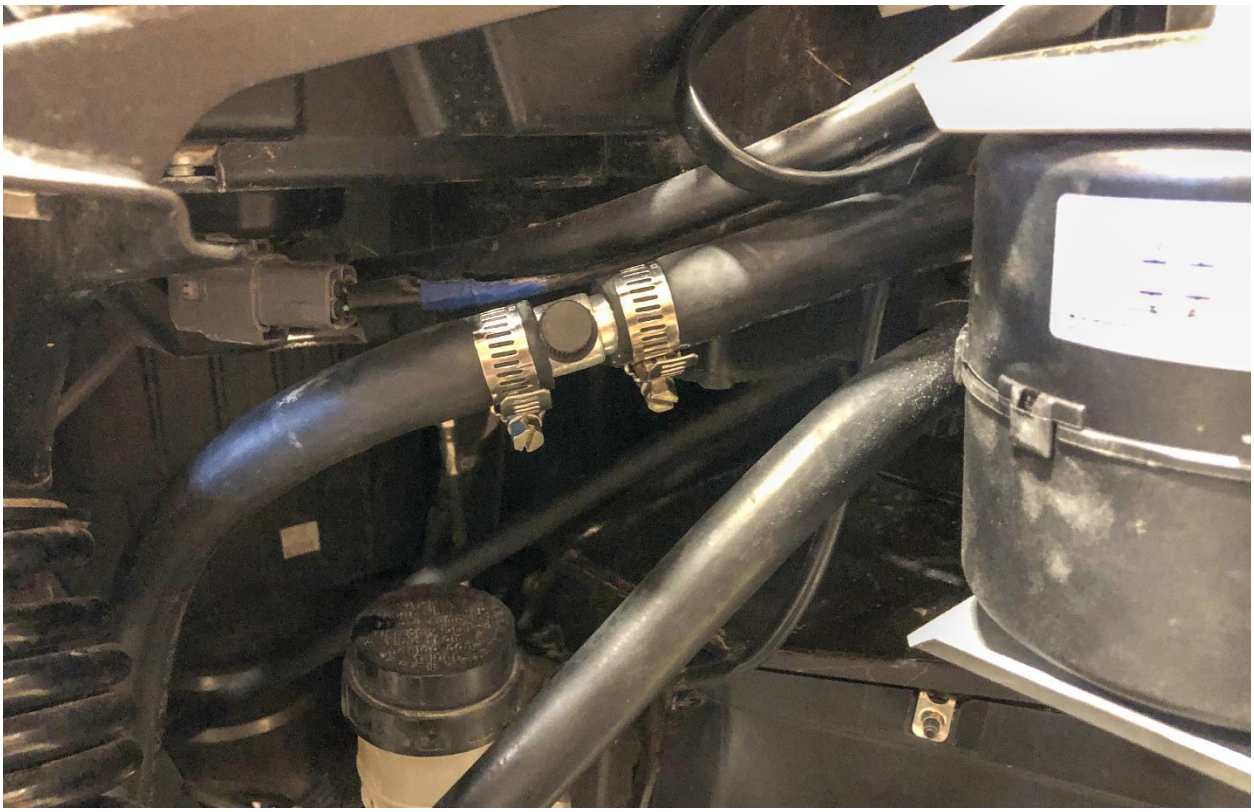
PIC09



PIC10



PIC11



PIC12


REMOVE OVERFLOW
TANK FROM THE
FRAMING TO ACCESS
INLET RADIATOR HOSE

PIC13

