

John Deere Gator XUV 835 and 865 (2018-Current) Direct-Fit Cab Heater with Defrost

STEP 1: PRE-INSTALLATION

- 1) Lift the Hood.
- 2) Remove the top dash panel (**PIC01**).

STEP 2: MOUNTING THE HEATER

- 3) Remove the bolts holding the bracket on the heater.
- 4) Set the bracket on the firewall and mark your mounting holes (**PIC02**) (**PIC03**).
- 5) Drill into the marks with a 1/4" drill bit for pilot holes (**PIC03**).
- 6) Set your bracket in place on the front (radiator) side of the firewall.
- 7) Take the previously removed bolts and washers and slide them through the bracket and pilot holes (**PIC04**).
- 8) Set the heater in place and start threading the bolts into the heater box, by hand.
- 9) Once all 4 bolts are started, use a socket and tighten the bolts (**PIC05**), the heater is now mounted.

STEP 3: WIRING

- 10) Install the rocker switch in one of the factory switch openings.
- 11) Using the wiring harness, plug the switch connector into the back of the rocker switch.
- 12) On the passenger side (behind the dash) locate the 12v (power) and ground wires and plug the wiring harness connectors into the factory connectors (**PIC06**).
- 13) Using the white blower connector, plug it into the heater blower connector.
- 14) Test the blower to make sure it is operating correctly.

STEP 4: SPLICE INTO THE COOLANT LINES

- 15) Cut two pieces of heater hose at lengths of 6".
- 16) Use the (2) 90-degree PEX fittings and install them on one of the ends of each 6" hose, secure using the hose clamps provided.
- 17) Using the other side of the 6" hose, connect both of them to the heater core fittings (**PIC07**), secure using the hose clamps provided.
- 18) With the PEX fittings facing the firewall, mark the optimal spots for the radiator hoses to enter through the firewall and connect onto the open ends of the 90-degree PEX fittings.
- 19) Using a 1-3/8" hole-saw cut openings and install the rubber grommets (**PIC07**) (**PIC08**).
- 20) Underneath the machine, remove the main factory skid plate (**PIC09**).
- 21) Raise the bed and from the driver side, locate and remove the small engine hose shown in **PIC10**.
- 22) For more working space, remove the end of the radiator hose shown in **PIC10**.
- 23) Cut two lengths of heater hose at 8-feet and 9-feet.
 - Use the white dash lines on the heater hose to measure out the lengths, each dash is a foot.

- 24) Connect the 9-foot piece of heater hose to the 90-degree PEX fitting that is connected to the lowest heater core fitting, relative to gravity, and secure with hose clamps provided.
- 25) Connect the 8-foot piece of heater hose to the 90-degree PEX fitting that is connected to the highest heater core fitting, relative to gravity, and secure with hose clamps provided.
- 26) Run both hoses under the machine and connect to the engine fittings as shown in **PIC11**, secure with the hose clamps provided.
 - The 9-foot hose is the Inlet connection.
 - The 8-foot hose is the Return connection.
- 27) Re-install the previously removed radiator hose end.

STEP 5: INSTALL LOUVERS AND RUN DUCT

- 28) Using a 2.5” hole-saw, drill out the openings for the two floor louvers (**PIC12**).
 - Use the cut-out templates and tape them in the locations shown. Drill a pilot hole for a hole-saw starting point.
 - Check behind the dash panel to assure there are no obstructions behind where you will make your cut.
- 29) The louvers included in the kit are 2-piece louvers, screw off the adapter from the face and attach the duct clips on the adapters.
- 30) Cut (2) 28” pieces of duct and attach them to the adapter side of the 2-piece louvers using the zip ties provided.
- 31) Set the louver faces in the holes and screw the adapters on from the backside.
- 32) Run the duct to the heater box and secure onto the box adapters using the zip ties provided (**PIC13**).
- 33) Use the cut-out templates for the rectangular defrost louvers and tape them in the locations shown (**PIC14**).
 - Make sure you tape the cut-out templates so the defrost louvers will be able to sit into the panel openings, see **PIC15** for where these openings are.
- 34) Using a razor blade knife, or other appropriate cutting tool, cut out the opening for the defrost templates (**PIC16**).
 - If you use the razor blade, heating the blade up with a torch will ease the cutting.
- 35) Cut a 34” piece of duct (passenger defrost) and an 18” piece of duct (driver defrost) and attach them from the vents to the heater box adapters using the zip ties provided (**PIC13**).
- 36) Re-install the top dash panel (**PIC17**).

STEP 6: REFILL COOLANT

- 37) Refill the radiator and check for leaks.
- 38) Start the machine and allow the engine to warm up and circulate the coolant.
- 39) Drive the vehicle and put it under a good load, this will help expel air from the system.
- 40) When done let the machine cool down, recheck the coolant level and refill if needed.
- 41) 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



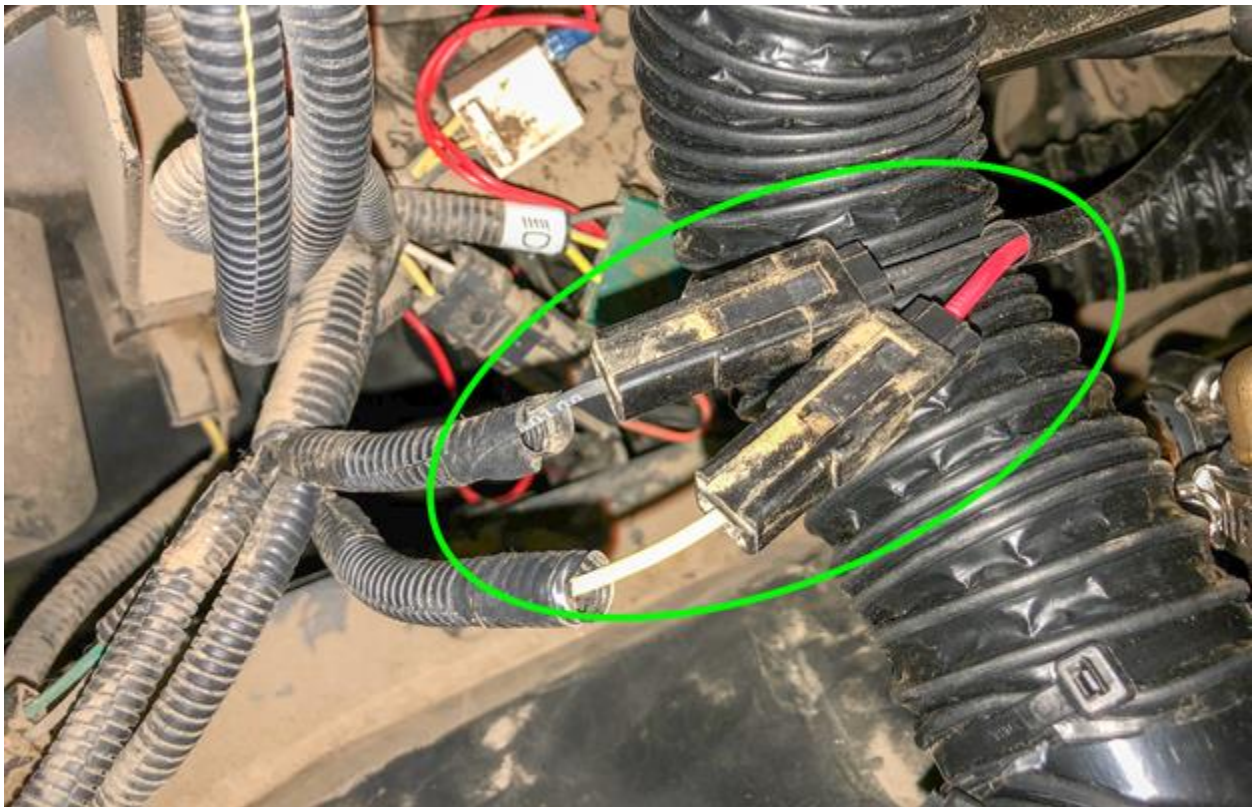
PIC03



PIC04



PIC05



PIC06



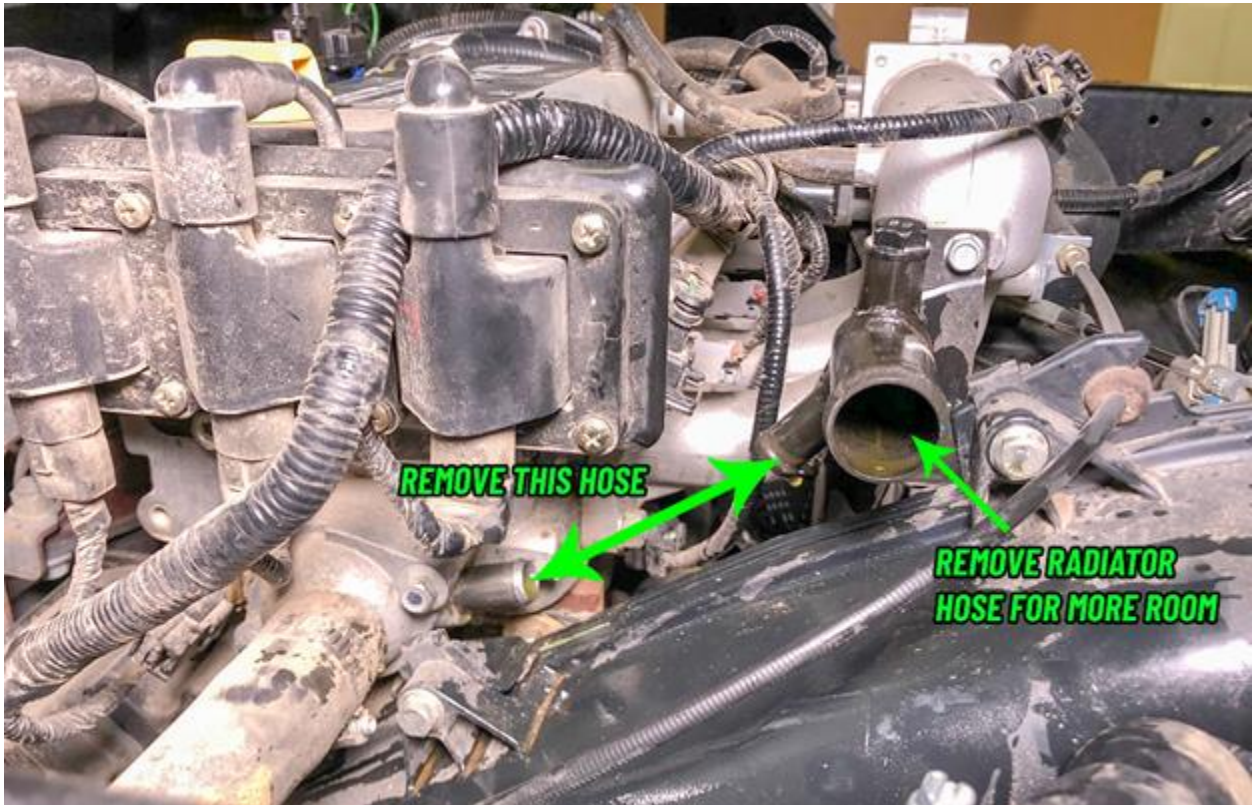
PIC07



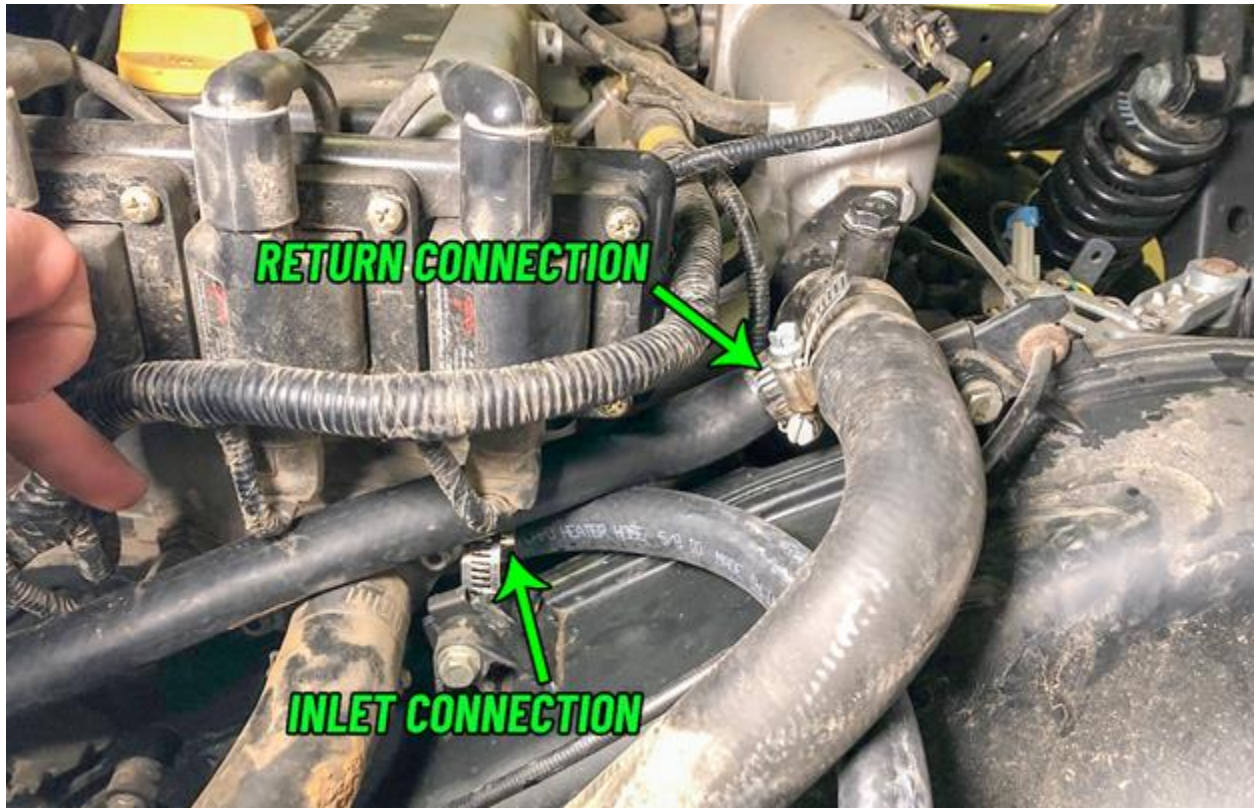
PIC08



PIC09



PIC10



PIC11



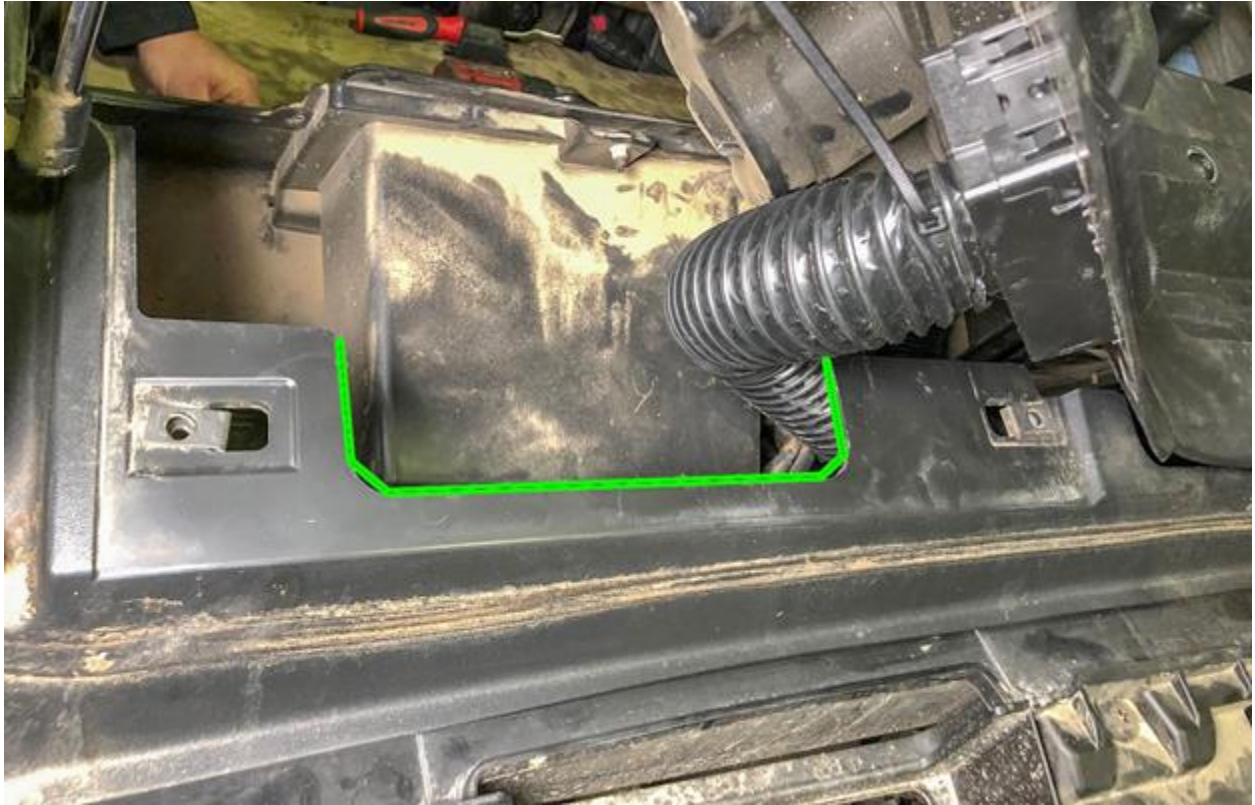
PIC12



PIC13



PIC14



PIC15



PIC16



PIC17

