

Yamaha YXZ (2019 - Current)

Direct-Fit Cab Heater with Defrost

711

STEP 1: PRE-INSTALLATION

- 1) Remove the two main hood panels (**PIC01**).
 - You will have to remove the two small fender panels on each side as well.
- 2) Remove the two center console panels (**PIC02**).
- 3) Remove the main underbelly skid plate, this is done so you can run the heater hose to the back of the machine in STEP 3.

STEP 2: MOUNTING THE HEATER

- 4) Remove the factory screw shown in **PIC03**.
- 5) To begin mounting the heater, line up the rear mounting hole with the factory screw hole you just removed, then reinstall the screw to secure the rear bracket to the machine.
 - When mounted, the heater fan will be facing UP and the heater core fittings will be facing DOWN (**PIC04**).
- 6) Install the two front mounting straps onto the heater box using a 5/32 Allen (**PIC04**).
- 7) Using the two mounting straps, wrap them around the cubby hole and secure with the bolts and nuts provided (**PIC04**). Use a 1/4" bit to drill the pilot holes.

STEP 3: SPLICE INTO THE COOLANT LINES

- 8) Before installing the T-Fittings, drain the system of coolant.
 - You can save the coolant and use to refill the system at the end of the installation.
- 9) Starting with the Inlet line, remove the clamps holding the radiator hose on each side of the thermostat (**PIC05**).
- 10) On the side of the thermostat that has the curved radiator hose, cut off the first 1.75" of hose (**PIC06**), then reinstall the thermostat onto the curved hose.
- 11) Install the 1.75" piece of hose on the other side of the Thermostat using one of the hose clamps provided (**PIC05**).
- 12) Install one of the T-Fittings just before the thermostat as shown in **PIC05**.
- 13) Cut a 6-foot piece of heater hose and run it from the lower heater core fitting (relative to gravity) to the inlet T-Fitting, trim as needed. Secure with the hose clamps provided.
- 14) Locate the return radiator line that you will splice into, to do this you will need to get under the machine.
- 15) Locate the curved hose shown in **PIC07** and make a cut in the middle of the curve.
- 16) Install the T-Fitting and secure using the hose clamps provided (**PIC07**).
 - There is a screw holding the steel part of the radiator line in place (just above the rubber hose you cut into), remove this screw to allow you to easier fit the T-Fitting in place, then reinstall the screw after you have installed the T-Fitting.
- 17) Using the remaining heater hose, run it from the higher heater core fitting (relative to gravity) to the return T-Fitting, trim as needed. Secure with the hose clamps provided.

STEP 4: INSTALL LOUVERS AND RUN DUCT

- 18) Using a 2.5" hole-saw drill out the holes for the floor louvers (**PIC08**) (**PIC09**).

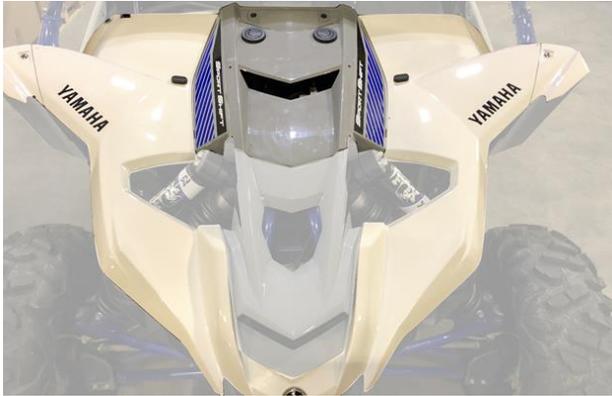
- Before making the cut, peel back the panel and confirm nothing is behind the spot where you will cut.
 - Use the cut-out templates and tape them in the spots where you will cut, make a pilot hole in the middle. This is where you will start the hole-saw bit.
 - The face of the louver screws off from the adapter, set the face in the hole and screw the adapter on from the backside of the panel.
 - Put the duct clips of the louver adapters for max hold.
- 19) Before attaching the duct, loosen the clamp shown in **PIC10**, this will create space to attach the ducting to the heater box adapter on the passenger side.
 - 20) Cut two 48" pieces of duct and attach them to the front adapters on the heater box. Feed them to the front of the machine and leave them for now.
 - 21) Cut two 6" pieces of duct for the floor louvers and attach them from the louvers to the rear heater box adapters, secure with the zip ties provided (**PIC11**).
 - 22) Install the switch plate with the (6) black rivets, included in the kit (**PIC12**).
 - 23) Cut out the paneling shown in **PIC13** so there is space for the backside of the switch plate to run the wiring harness.
 - 24) Re-install the (2) center console pieces and the main hood panel (removed in STEP 1). Do not re-install the smaller center hood panel that the defrost louvers install on.
 - 25) Using a 2.5" hole-saw drill out the holes for the defrost louvers (**PIC14**) (**PIC15**).
 - 26) Attach the two 48" runs of duct to the defrost louvers.
 - Wait to re-install this last hood panel until wiring is completed in STEP 5.

STEP 5: WIRING

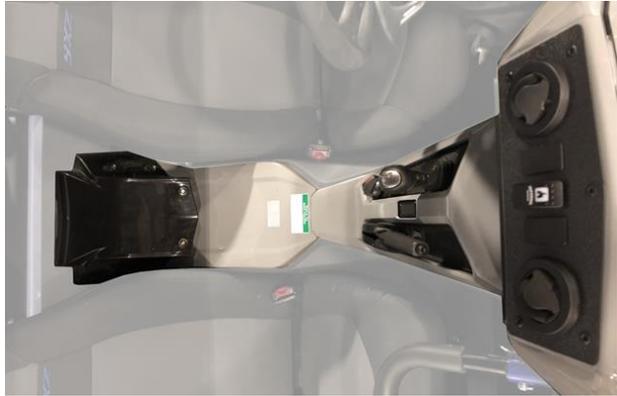
- 27) Using the wiring harness coming off the heater box, attach the switch connector to the back of the rocker switch.
- 28) Locate the open factory accessory 12v connector at the front of the machine.
- 29) Remove the female connector from 12v connector and take the plugs out.
- 30) Using the red and black wires from the wiring harness, insert the pins in the female connector as shown in **PIC16**.
- 31) Plug the female 12v connector back into the male 12v connector.
- 32) Test the blower, then re-install the last (defrost louver) panel.

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 the air.



PIC01



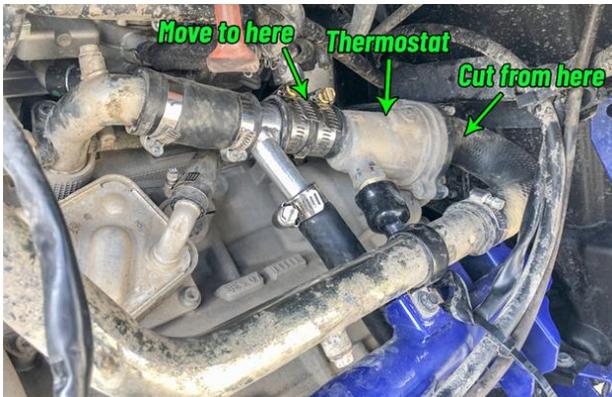
PIC02



PIC03



PIC04



PIC05



PIC06



PIC07



PIC08



PIC09



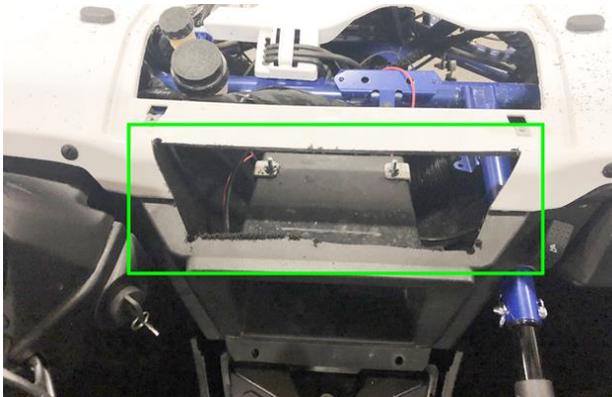
PIC10



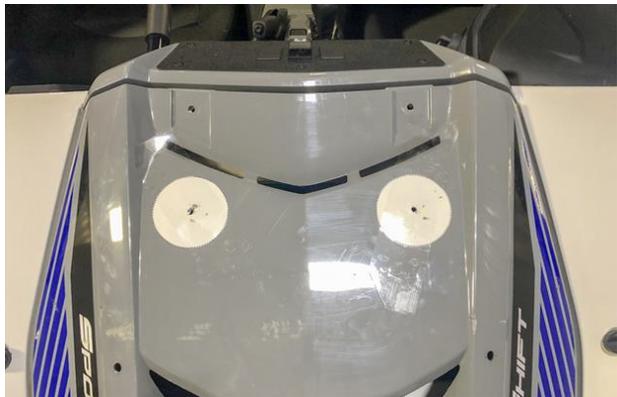
PIC11



PIC12



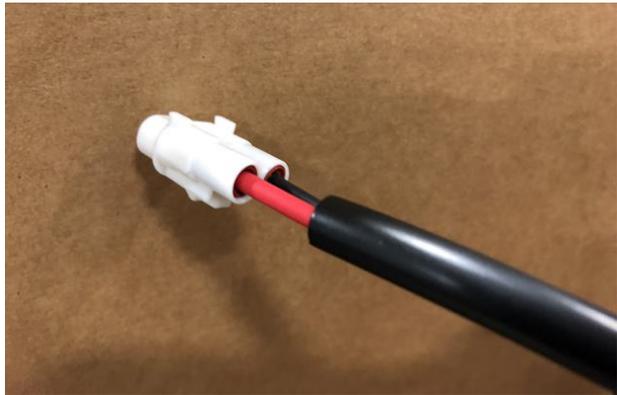
PIC13



PIC14



PIC15



PIC16

