

Yamaha Wolverine (2016 - 2018)

Direct-Fit Cab Heater with Defrost

715

STEP 1: PRE-INSTALLATION

- 1) Remove the hood.
- 2) Remove the front center hood panel and shim it up the roll bars (**PIC01**).
 - Use clamps or ties on the bars to keep the hood panel from sliding down.

STEP 2: MOUNTING THE HEATER

- 3) See **PIC01** for the area the heater is mounted.
- 4) Using the (4) self-tapping screws provided, mount the heater on the 2x2 and 1x1 framing bars (**PIC02**) (**PIC03**).
 - Use a 1/8" drill bit to pilot holes for the self-tapping screws.

NOTE: **PIC01** **PIC02** and **PIC03** show a heater box with straight fittings pointing up, we have since update this box to have 90-degree fittings to avoid a sharp turn in the hose.

STEP 3: WIRING

- 5) Install the rocker switch in one of the factory openings.
- 6) Using the wiring harness provided, plug the switch connector into the back of the rocker switch.
- 7) Using the wiring harness provided, plug the high/low wire (yellow/orange) connector to the heater blower connector.
- 8) Using the wiring harness provided, run the power wires (red/black) to the front of the machine and install onto one of the accessory connectors (**PIC04**). The harness comes with an OE connector so it is a factory fit.
- 9) Test the blower.

STEP 4: SPLICE INTO THE COOLANT LINES

- 10) Using clamps, clamp off on each side of the lower radiator line (return line) where you will cut in to install the Y-Fitting (**PIC05**), once installed, secure with the hose clamps provided.
 - Make sure the 5/8" splice is pointing toward the radiator, you want the coolant to flow back into the lower radiator line in the same direction it is moving from the radiator.
- 11) Cut a 4-foot piece of heater hose and run it from the highest heater core fitting (relative to gravity) to the return Y-Fitting. Secure with the hose clamps provided.
- 12) Using clamps, clamp off on each side of the upper radiator line where you will cut in to install the Y-Fitting (**PIC05**), once installed, secure with the hose clamps provided.
 - Make sure the 5/8" splice is pointing toward the radiator, you want the coolant to flow from the upper (inlet) radiator line into the Y-Fitting splice in the same direction it is moving from the engine.
- 13) Cut a 4-foot piece of heater hose and run it from the lower heater core fitting (relative to gravity) to the inlet Y-Fitting. Secure with the hose clamps provided.

STEP 5: INSTALL LOUVERS AND RUN DUCT

- 14) Using the cut-out templates, cut them out and tape them in the floor louver locations (**PIC06**) (**PIC07**).

- Use a 1/8" bit to drill pilot holes for starting the hole-saw bit.
- 15) Using a 2.5" hole-saw drill out the holes for the floor louvers (**PIC06**) (**PIC07**).
 - 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.
- 16) Cut 3-foot and 2-foot pieces of duct for the floor louvers and attach them from the louvers to the heater box adapters.
- 17) Secure with the zip ties provided.
- 18) Using the cut-out templates, cut them out and tape them in the defrost louver locations (**PIC08**).
 - Use a 1/8" bit to drill pilot holes for starting the hole-saw bit.
- 19) Using a 2.5" hole-saw drill out the holes for the defrost louvers (**PIC08**).
 - 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.
- 20) Cut 3-foot and 2-foot pieces of duct for each defrost louver and attach them to the heater box adapters.
- 21) Secure with the zip ties provided.
- 22) Re-install the hood panel.

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. It is possible you will need to run the machine and recheck fluid levels multiple times before working out all the air.



PIC01



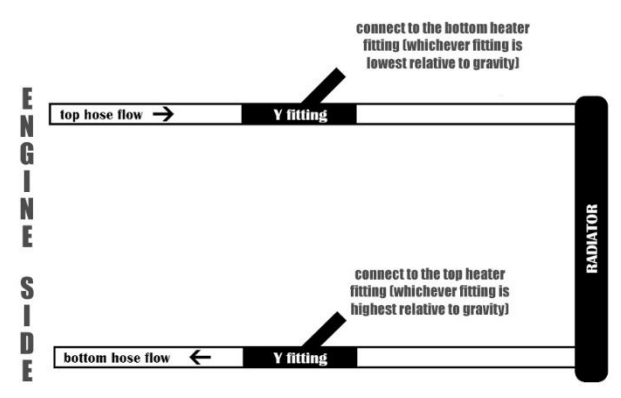
PIC02



PIC03



PIC04



PIC05



PIC06



PIC07



PIC08

BLANK

