

Z4606

Can-Am Maverick X3 Cab Heater

Features: 1 Speed Hi Output Blower, Blower motor has 4,000 hour Brush Life and 3 year warranty, 4 Fully Adjustable Louvers, Powder coated Steel Case (Not Plastic)

PRE-INSTALLATION

For ease of installation you will need to remove the passenger seat. The rear seat bolts take an 18mm socket, the front seat bolts take a 13mm socket and the seat belt bolt takes a 16mm socket. You will need a socket extender on your drill to reach the bolts. You will also want to keep a 10mm socket and wrench close by as other bolt removals take this size.

You will need to remove many of the body panels to make installation of the heater easier. As you can see in the pictures the side rocker panels need to be removed (6 large head rivets are included to reinstall these) on each side to run the floor ducts and the dash panels on each side need to be removed for the defrost ducts. Also, panels on each side of the center console can be removed for when we need to run heater hose and duct through it.



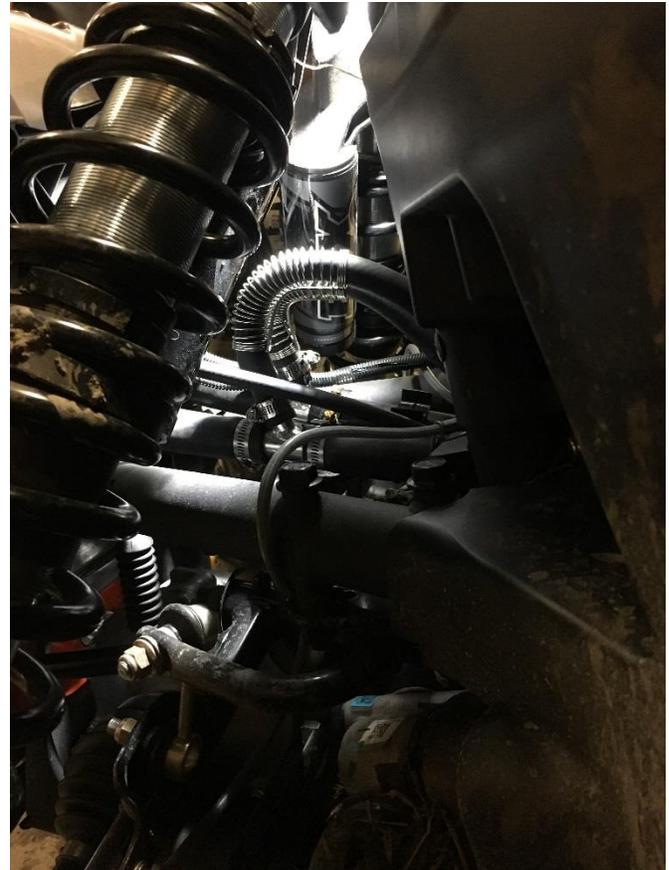
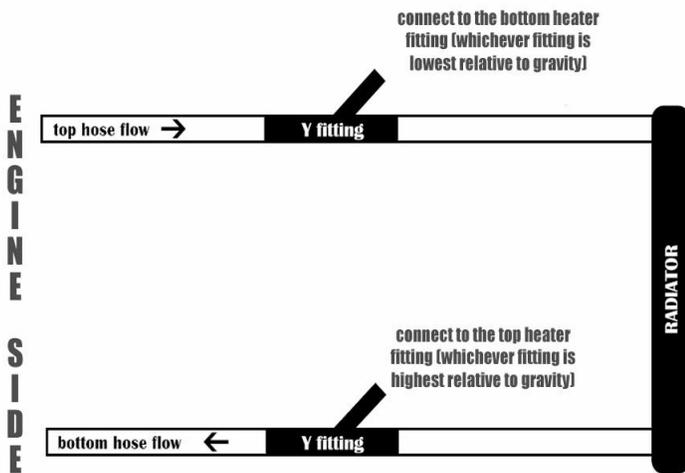
INSTALL THE Y-FITTINGS INTO THE RADIATOR LINES

To start, cut the 12-foot heater hose into two 6-foot pieces. Now we will take the center console side panel (passenger side) that we removed and make a cut to accommodate the hose lines that we run to the heater.



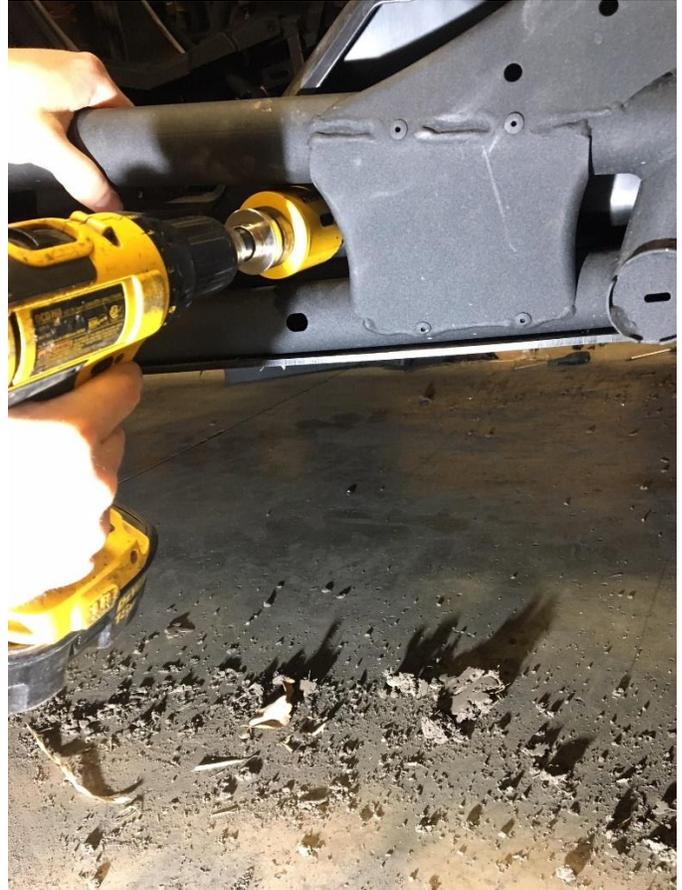
You will splice into the radiator lines right underneath the front hood (see pictures below). To install the Y-fittings you need to cut off 1" of the rubber radiator hose where you will splice into the radiator lines. Make sure that when you install the Y-fittings that the Y is opening up going towards the radiator (see diagram below).

Once you have the splices in place, run the two pieces of heater hose from the area we will install the heater box, through the center console (see cutout picture below) and through the firewall opening (see picture below). Now that we have worked the hose to the front of the machine, slide on the hose benders and clamps provided and insert the hose onto each Y-fitting connector. Once attached, secure with clamps. Leave the hose in the area we will install the heater, you will attach the hose to the heater core towards the end of the installation.



INSTALL LOUVERS AND RUN DUCT

A 2" hole-saw is the size of hole you need for the louvers. First you will install the passenger floor louver. Get in as tight to the frame as you can with the hole saw. Before you drill the hole make sure you assess the angle at which you are going to drill and also the location of the hole on the inside of the panel. When you are comfortable with everything proceed to drilling the hole and inserting the louver. Cut a piece of duct to 30" and slide on the duct to the louver adapter and clamp down with a zip tie. Run the duct to the heater and zip tie it to the heater box adapter as well.



Now you will run duct to the driver side floor. Cut a piece of duct to 65" long. The panel on the driver side needs to be notched out with the 2 1/4" hole saw to run the duct work under the center console (see below). Now install the same way you installed the passenger side floor louver.



Now you will run a piece of duct through the center console to be T'd off and ran to both defrost louvers. Notice the 2 ¼" hole saw cut out in the panel (PIC 1). In roughly the same location drill this same hole into the panel. Cut two 24" pieces of duct to run off the T to the defrost louvers, use the remaining duct and run the piece though the center console (PIC 3). Wait to reinstall the side panel of the center console because you will need it off to hook the wiring up to the 12v. Now install the T as shown in PIC 4 and run the two duct pieces to the louvers you cut out (PIC 5).



(PIC 1)



(PIC 2)



(PIC 3)



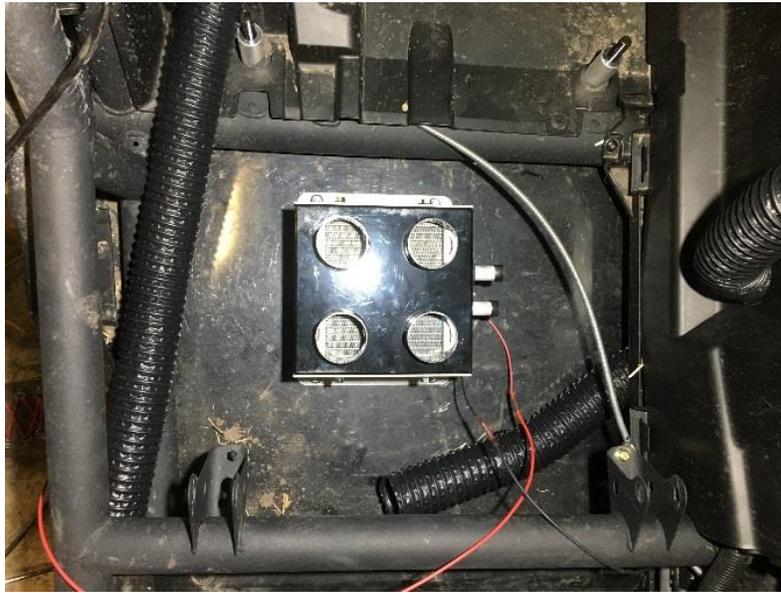
(PIC 4)



(PIC 5)

INSTALLING THE HEATER BOX

Take the heater box and place it in the position it will be mounted (see below). Mark the mounting holes and pre-drill with a 1/4" drill bit. Secure with the nuts and bolts provided.



Now you can start the final installation of the heater box. Attach the two heater hose ends to the heater core inlet/outlet per the diagram in the Y-fitting section, clamp down when in place.

WIRING

See the photo below for how to hook up the wiring into the back of the switch. The black wire coming off the switch needs to be grounded to the frame (see pic below, use star washer). The red wire coming off the switch needs to be ran to the power distribution block on the center console (see below). When the wiring is complete you can feed the duct work through the center console panel and reinstall the panel.





REFILL COOLANT

Now you can refill the radiator and check for leaks. Start the machine and allow the engine to warm up and circulate the coolant, once you start getting good heat run the machine. When done using, recheck coolant level and fill if needed, **make sure the radiator is cool before doing so**. It is possible you will need to run the machine and recheck fluid levels multiple times before working out all of the air. See below for coolant location.



If you have any questions please call us at 1-866-730-7169.