

**18+ Can Am Maverick X3 Heater Kit**  
 ICHH-UD-C-CANMAVX318 B

1x 55mm Hole Saw



1x 3" Hole Saw

1 x Pilot Bit

4x #16 Hose Clamps



6x #10 Hose Clamps



1x Blower Switch



1x 7/16" Washer



2x 5/16-18x5" Bolts



2x 5/16x18 Nuts



1x 1/4" Washer



2x #10x1/2" Screws



2x #10x3/4" Self Drilling Screws



4x 1/4x3/4" Self Drilling Screws



2x 1/4" Push-Pins



1x 1" Clamp



2x Quick Connectors



2x .250 Female Terminal



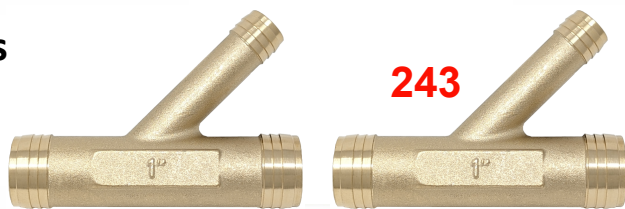
2x .250 Male Terminal



1x 5/8 Shut Off Valve



2x 1" Brass Y's



2x EZ-Coil



1x IC-SWBCRED Bezel

1x Switch Nut, 1x #2 Knob



2 Seat -15f of 5/8 Heater Hose

4 Seat Max -18f of 5/8 Heater Hose



471 12" Aux Power Loom



CanAm Wiring Pigtail



1x Wiring Harness with 2-Pin Connector



30x 11" Cable Ties

Optional MaxStat 204.1

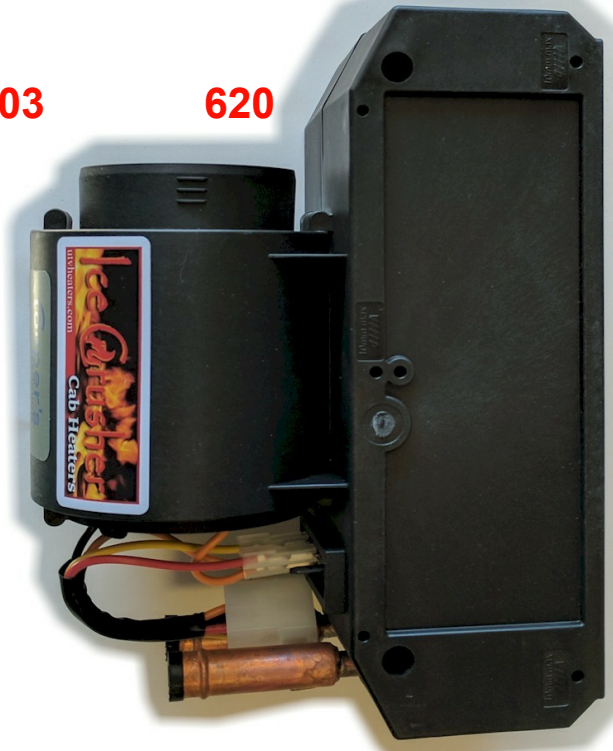


ICCH-UD-C-CANNMAVX3 Can Am Maverick X3 TYPE B



1003

1x IC-CAMX3MHBC18  
Main Heater Brkt



620

1x Compact Heater Unit



1002

1x IC-CAMX3CVC  
Center Vent Brkt



1005P

Plastic Face Plate with Ports



1001

1x IC-U3VBC  
3" Vent Brkt



1004

Cigarette  
Relocation



Vent and Duct Kit

3x 2" Y's



503

2x 3" Vents



502

4x 2" Vents



501



505

38" 2" Duct Hose  
(compressed )



## Can Am Maverick X3 Ice Crusher Heater Install Instructions

# ICE CRUSHER HEATERS

**PLEASE NOTE: THIS KIT DOES NOT WORK FOR THE XRS VERSIONS**

**Please read all instructions before beginning installation. When working on cooling systems always allow vehicles to cool to avoid being burned or scalded by hot coolant. Always disconnect vehicles negative battery lead before working on electrical systems.**

**Please note: *Before drilling*** any holes check area behind firewall/dash panels to make sure no damage or interference with equipment will occur by drilling holes and fitting of vents.

Remove fasteners and push-pins that secure the left and right top dash panels, center dash panel, glove box, and lower right dash panel as shown in Figure 1. Note: Left and top dash panel and center dash panel don't have to be completely removed they just need to be loose so as to gain access behind the panels. Please refer to manufacturer's manual/instructions if directions are required to remove these panels. Remove Aux Power Plug from center panel.

Using Figure 2 as a guide, mark out hole saw centers for the left side defrost vent. Carefully drill hole using supplied 54mm hole saw **Tip:** Use a knife to remove burrs from the drilled holes to help with fitting of the vents. **Note:** Defrost vents may need to be repositioned because of factory or aftermarket equipment fitment.

Using supplied right defrost vent hole template, position template in correct location as shown in Figure 3 and on the template, mark out hole saw center as stated on template, remove template. Carefully drill hole using supplied 54mm hole saw as directed on template.

Using supplied center vent hole template, position template in correct location as shown in Figure 4 and on the template, mark out hole saw center as stated on template, remove template. Carefully drill hole using supplied 54mm hole saw as directed on template as shown in Figure 4a. Using the appropriate tool cut holes as shown in Figure 5

Using supplied right lower vent hole template, position template in correct location as shown in Figure 6 and on the template, mark out hole saw center as stated on template, remove template. Carefully drill hole using supplied 3" hole saw as directed on template.

## Can Am Maverick X3 Ice Crusher Heater Install Instructions

Install heater mounting brackets to heater as shown in Figure 7 using supplied 5/16"x5" bolts and #10x 1/2" screws.

Cut 5ft from the supplied 5/8" heater hose. Locate the opening between the frame and the firewall panel just above where the steering shaft passes through the firewall as shown in Figure 8. Pass one end of the cut hose through this opening from the cabin side of the firewall. Install the E-Z Coil over the hose and pass the other end up behind frame member as shown in Figure 9

Remove the passenger's seat and center console side panel. Using the remaining of the 5/8" heater hose, install the E-Z Coil over the hose and route from area shown in Figure 9 to rear of the UTV following the coolant pipes as shown in Figures 10a and 10b. Route heater hose so as to exit out below the rear right (passenger) side of the engine below the coolant pipes.

Attach hoses to the heater fittings as shown in Figure 11 and secure with supplied #10 hose clamps. **Please Note:** Be sure to remove factory shipping plugs from heater fittings if so fitted. **Tip:** Using dish soap or a rubber/plastic cleaner on the hose will make the hose slip onto the fittings easier.

Attach the heater and bracket to the rear frame rail as shown in Figure 12a and 12b. It is easiest to hold the assembly up to the rail, transfer the hole locations, use a 1/8" drill bit to pilot holes. Then position the assembly over the holes and use the 1/4" Self drilling and tapping bolts to secure the bracket and heater to the frame.

Adjust the heater hose and of the heater position, tighten mounting nuts. Route hose and shape E-Z Coils so as not to kink heater hose as shown in Figure 13. Position supplied 1" hose clamp so as to keep the heater hose from rubbing on the steering shaft and attach using supplied 1/4" self-drilling screw and 1/4" washer as shown in Figure 14.

Using Figure 15 as a guide cut 2" duct hoses to length (lengths measured with the duct hose in its compressed state, measure and cut accordingly) Make up hoses assemblies using supplied 2" Y connectors as shown in Figure 15. **Tip:** To attach duct hoses to Y's and/or Vents twist Duct Hose or Vents in a "screw" action. Use cable ties around all duct hose connections.

Using Figures 15 and 16a – 16i as a guide route all the 2" duct hose from the heater mounting position to the vent hole positions. Stretch hose as you route the hose to ensure you have enough hose to complete the installation. Pull 2" duct hoses through the drilled vent holes.



## Can Am Maverick X3 Ice Crusher Heater Install Instructions

Remove the Aux Power plug and install it into supplied mounting bracket. Make up small Aux Power wire and terminals as shown in Figure 17. Connect the small Aux Power loom to the Aux Power Plug. Red wire to the + on the Aux Power Plug and the black wire to the - on the Aux Power Plug.

Connect the Heater Wiring Harness to the Heater Connector. Route the harness up to the factory Aux Power Plug connector. Pass the Black connector through the factory hole from which the Aux Power Plug was removed. Most vehicles come equipped with a spare auxiliary power connector located near the Aux Power Plug area. Use the included Pigtail to connect the Heater Wiring Harness to the Pigtail and then to the spare auxiliary power connector. If the connector is not available, use the supplied blue Quick Connectors to attach the Blue Heater Harness wire to the Red wire of the Aux Power Plug. Connect the Black Heater wire to the Black wire of the Aux Power Plug as shown in Figure 19b. Tape up connector and loom so as to secure connections.

Install red switch bezel onto blower switch. Mount the heater switch into the center vent bracket as shown in Figure 18, fit 7/16 washer and switch nut, tighten nut and fit knob.

Reconnect battery, turn key on to check fan operation, disconnect battery. Use cable ties to secure wiring loom.

Pull the 2" duct hoses through the center vent bracket, attach the 2" vent to the duct hoses as shown in Figure 20a. Use cable ties around all duct hose connections. Clip Vents into position.

Fit vent bracket into position, adjust duct hoses as needed. Hold the vent bracket into position and as shown in Figure 20b, carefully drill the push-pin holes with a 1/4" drill bit. Install push-pins as shown in Figure 20c.

Note the new position of the Aux Power Plug as shown in Figure 21, install when reassembling the UTV.

Install the remaining vents into their correct position as shown in Figures 22a – 22b. Use cable ties around all duct hose connections.

Fit the left 3" vent into the vent bracket and connect the duct hose. Using the supplied #10 self-drilling screws attach the bracket to the steering bracket frame as shown in Figures 23. Don't drill into the EPS unit behind the steering bracket.

Drain cooling system by removing lower radiator hose. **Important Tip:** If you have the equipment to clamp off the hoses where the Y fitting is to be installed you won't have to drain the cooling system this makes installation much easier.

**Please Note:** Before cutting any hose, be sure that the placement of the Y connectors will not interfere with any part of the UTV.

Remove the plastic hose protection cover plate from the Passenger rear side of the engine. Locate the radiator hose that leads to upper radiator connection. Using Figures 24a as a guide cut radiator hose as shown removing approximately a 1"

## Can Am Maverick X3 Ice Crusher Heater Install Instructions

to 1.5" section of the hose. Insert the Y connector exactly in the radiator hose as shown in Figures 24b, 24c and 26. If a MaxStat - Inline Thermostat Bypass has been purchased, insert the MaxStat into this hose using Figure 28 as a guide.

Route the heater hoses over to Y connector in radiator hoses. Cut heater hose to length.

**Please Note:** Before connecting the hoses to the Y connectors, take a garden hose and run water through the heater hoses and heater assembly. This will help remove air from the system and stop air locks, **this step** makes bleeding air out of the system much simpler.

**Please Note:** Make sure all hoses are as far away as possible from driveshaft, steering shaft, sharp objects and the exhaust system etc. When routing the hoses make sure that hoses make nice sweeping bends so as not to cause any kinking of the hoses. Use supplied cable ties as necessary to secure hoses.

Fit hoses to Y connectors and tighten #10 clamps. Install the Plastic Shutoff valve as shown in Figure 27 and secure it using #10 Hose Clamps.

**Important:** Refill cooling system as per manufacturer's procedure. Reconnect battery. Start and run the vehicle at a fast idle and run up to normal operating. Check for leaks. Check operation of heater.

Reassemble UTV as required.

Allow vehicle to cool and recheck cooling system level and coolant ratio, fill as required.

Refill cooling system as per manufacturer's procedure. Start and run the vehicle at a fast idle and run up to normal operating temperature. Check for leaks. Check heater operation. Allow vehicle to cool and recheck cooling system level and coolant ratio, fill and/or alter coolant ratio as required.

If the heater fails to blow hot/warm air once the vehicle is up to operating temperature, there may be an air lock in the heater unit. Temporarily block off the top/inlet radiator hose at radiator. Start and run vehicle up to operating temperature. Feel the outlet/lower hose from heater until it feels hot. The heater now should be blowing hot/warm air. Remove clamp from radiator hose. The heater should continue to blow hot/warm air. This procedure may have to be repeated a few times to remove air from system. Allow vehicle to cool, restart the vehicle and run up to operating temperature, recheck heater operation. **Please note:** Heater output will be limited at idle, all testing should be done at a fast idle.



## Can Am Maverick X3 Ice Crusher Heater Install Instructions



Figure 1



Figure 2



## Can Am Maverick X3 Ice Crusher Heater Install Instructions

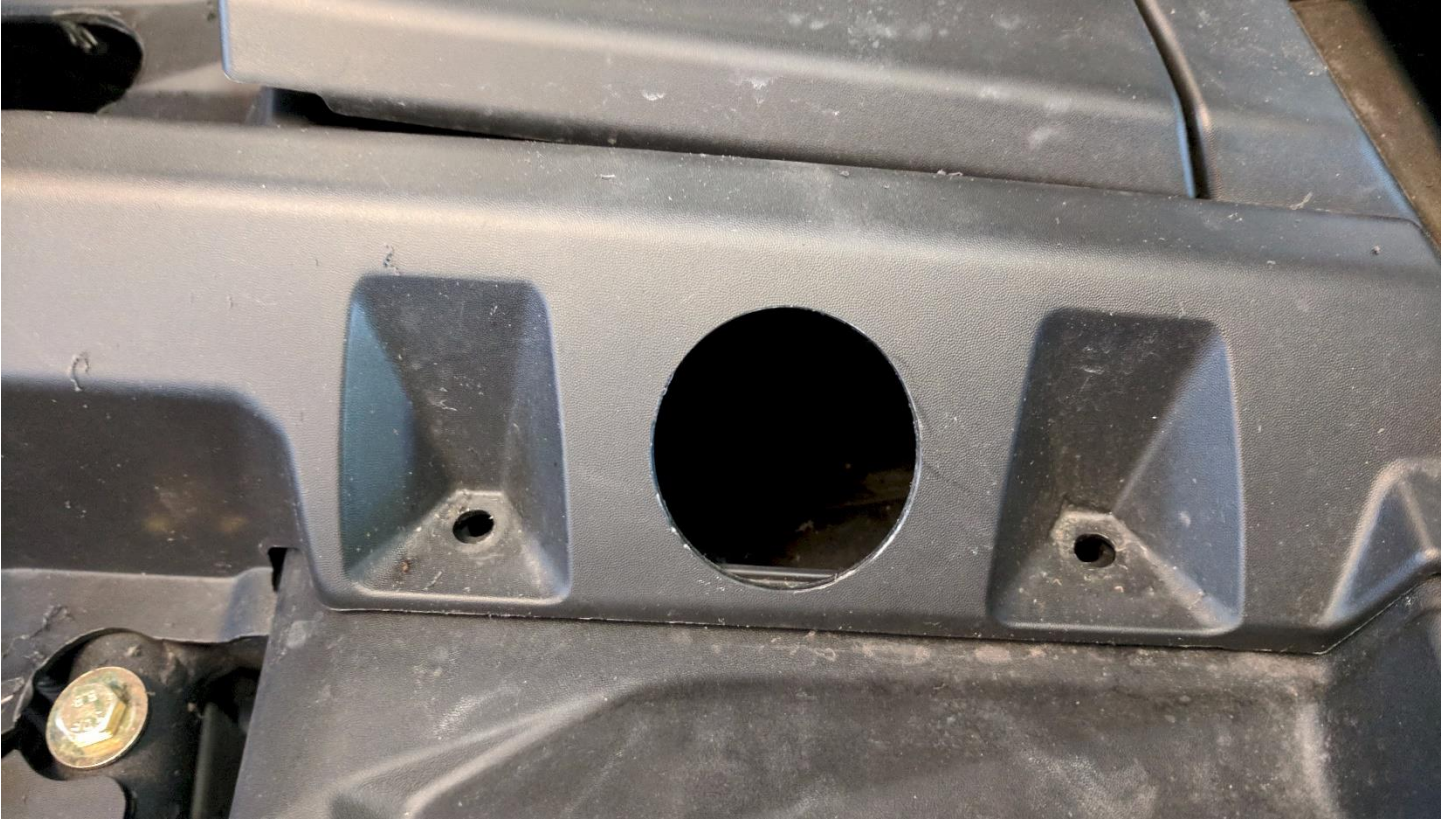


Figure 3



Figure 4



## Can Am Maverick X3 Ice Crusher Heater Install Instructions



Figure 5



Figure 6



## Can Am Maverick X3 Ice Crusher Heater Install Instructions

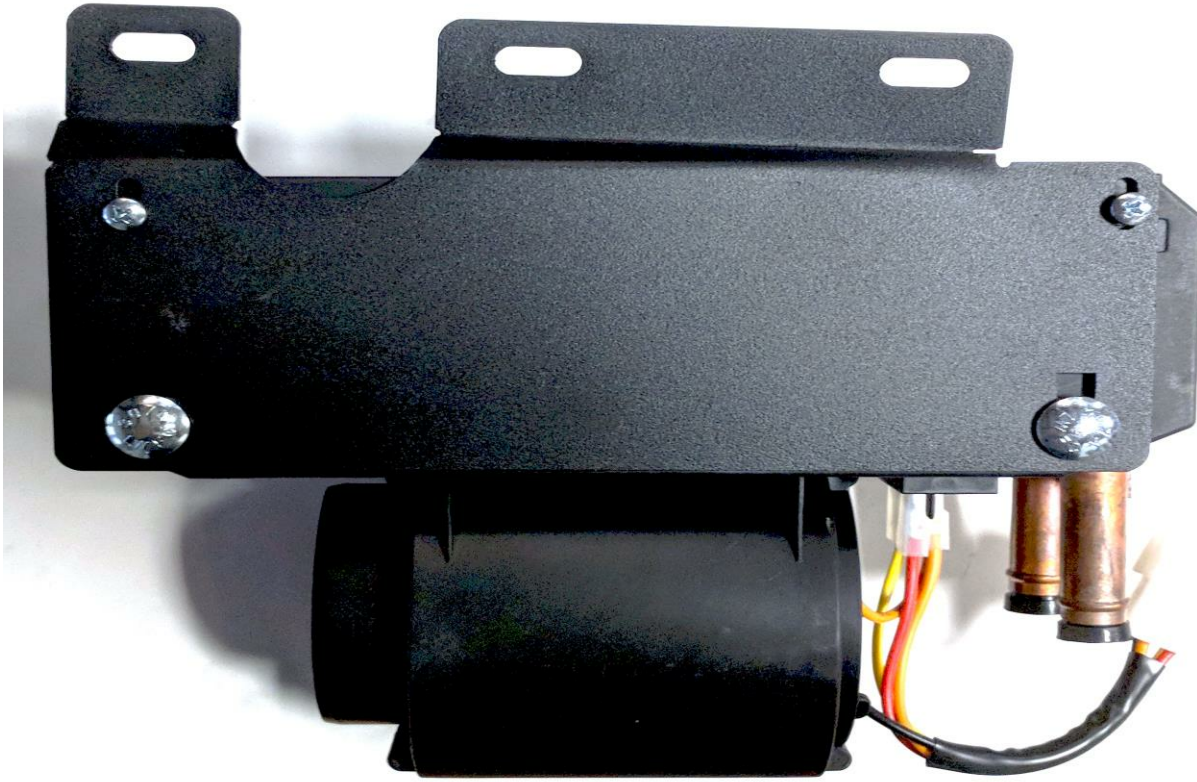


Figure 7



Figure 8



## Can Am Maverick X3 Ice Crusher Heater Install Instructions

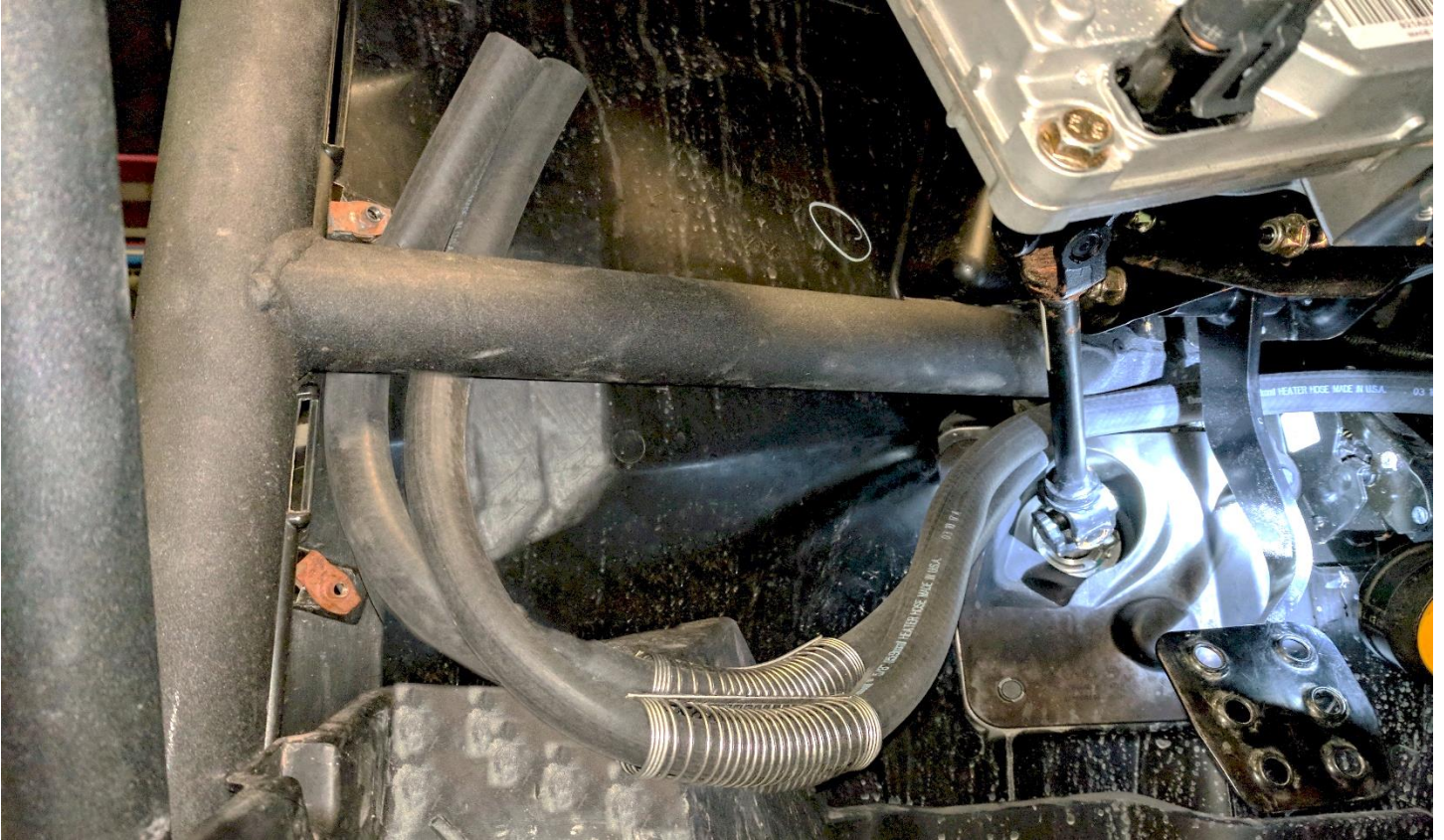


Figure 9



Figure 10a



## Can Am Maverick X3 Ice Crusher Heater Install Instructions



Figure 10b



Figure 11



## Can Am Maverick X3 Ice Crusher Heater Install Instructions



Figure 12a



Figure 12b



## Can Am Maverick X3 Ice Crusher Heater Install Instructions



Figure 13a

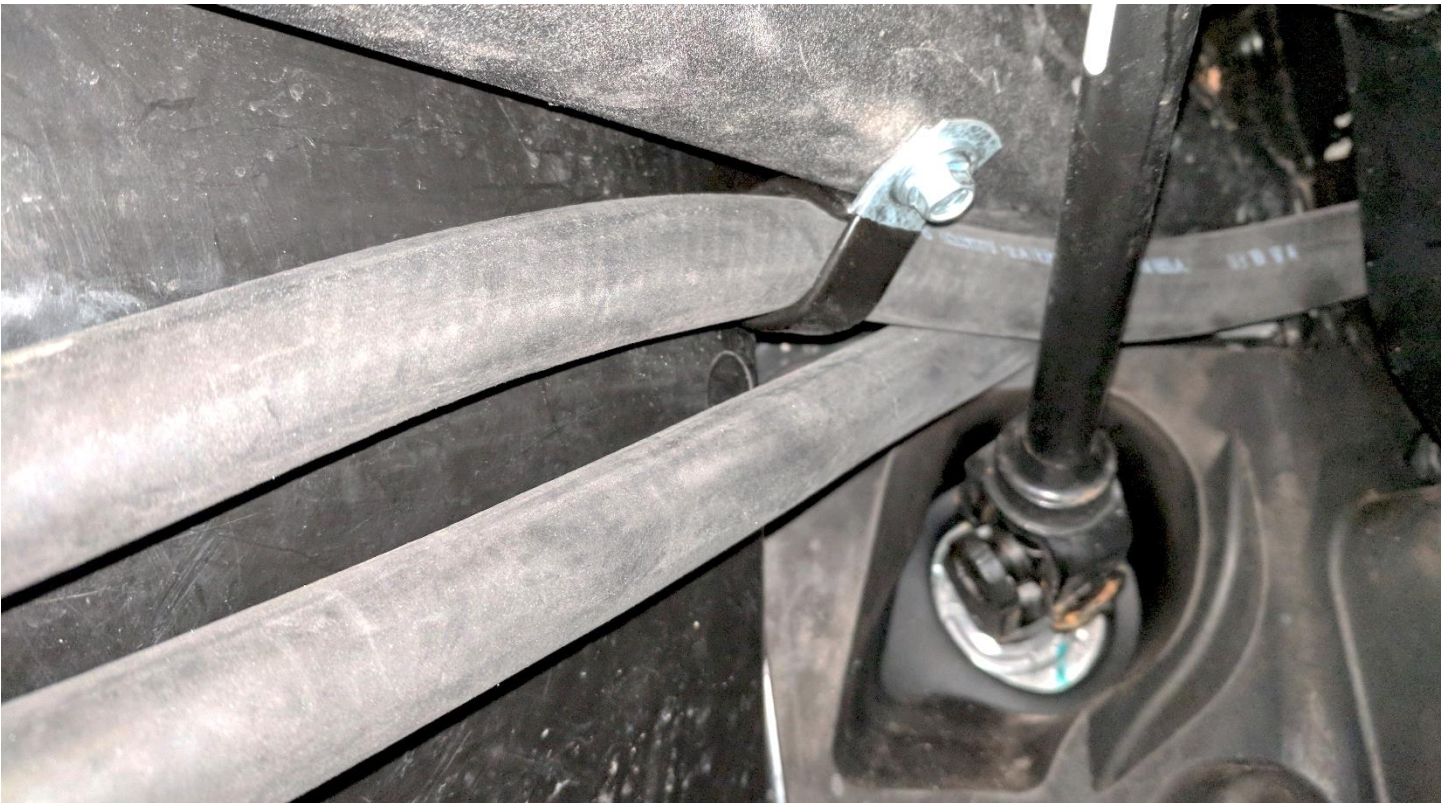


Figure 14



# Can Am Maverick X3 Ice Crusher Heater Install Instructions

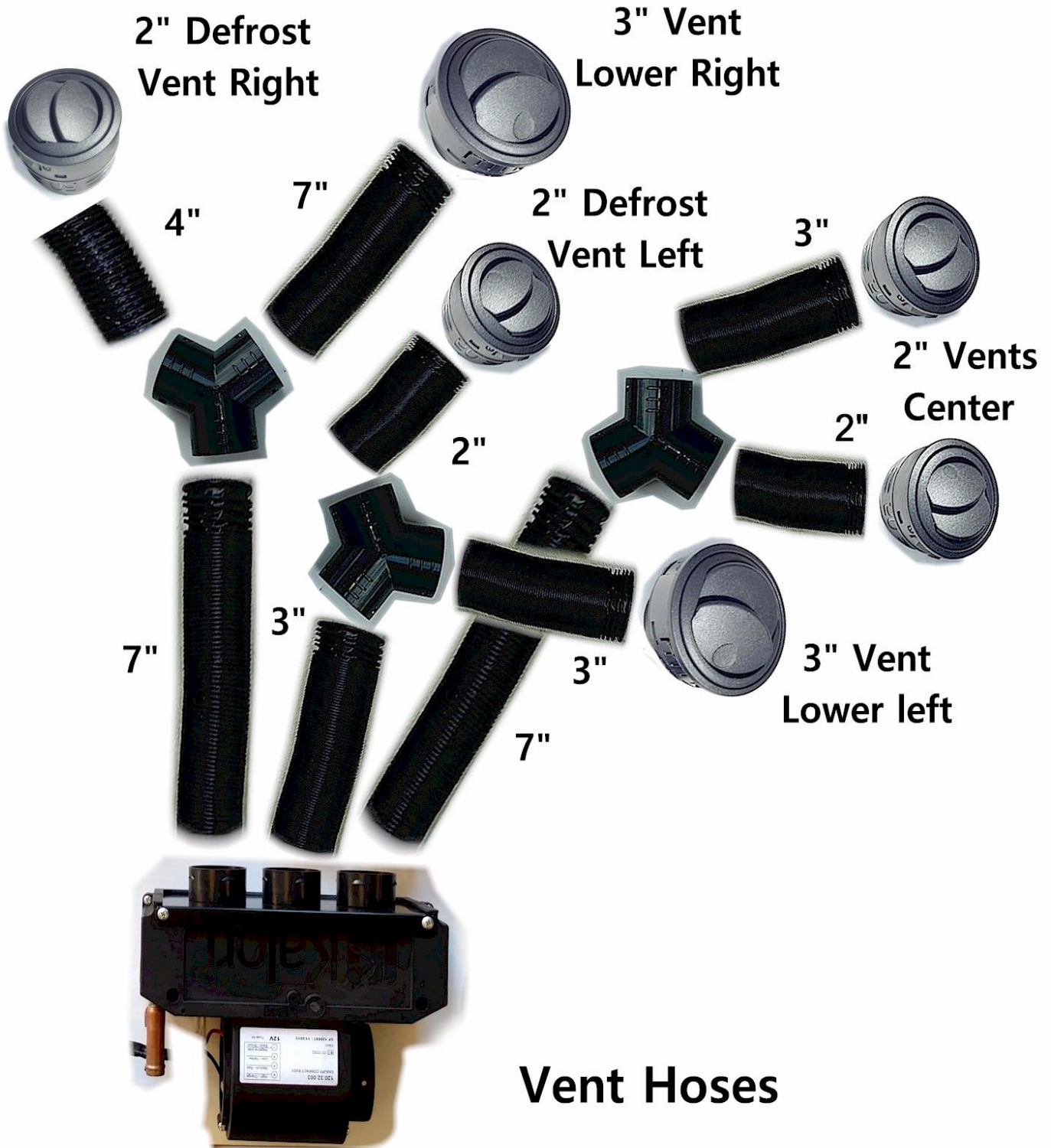


Figure 15



## Can Am Maverick X3 Ice Crusher Heater Install Instructions

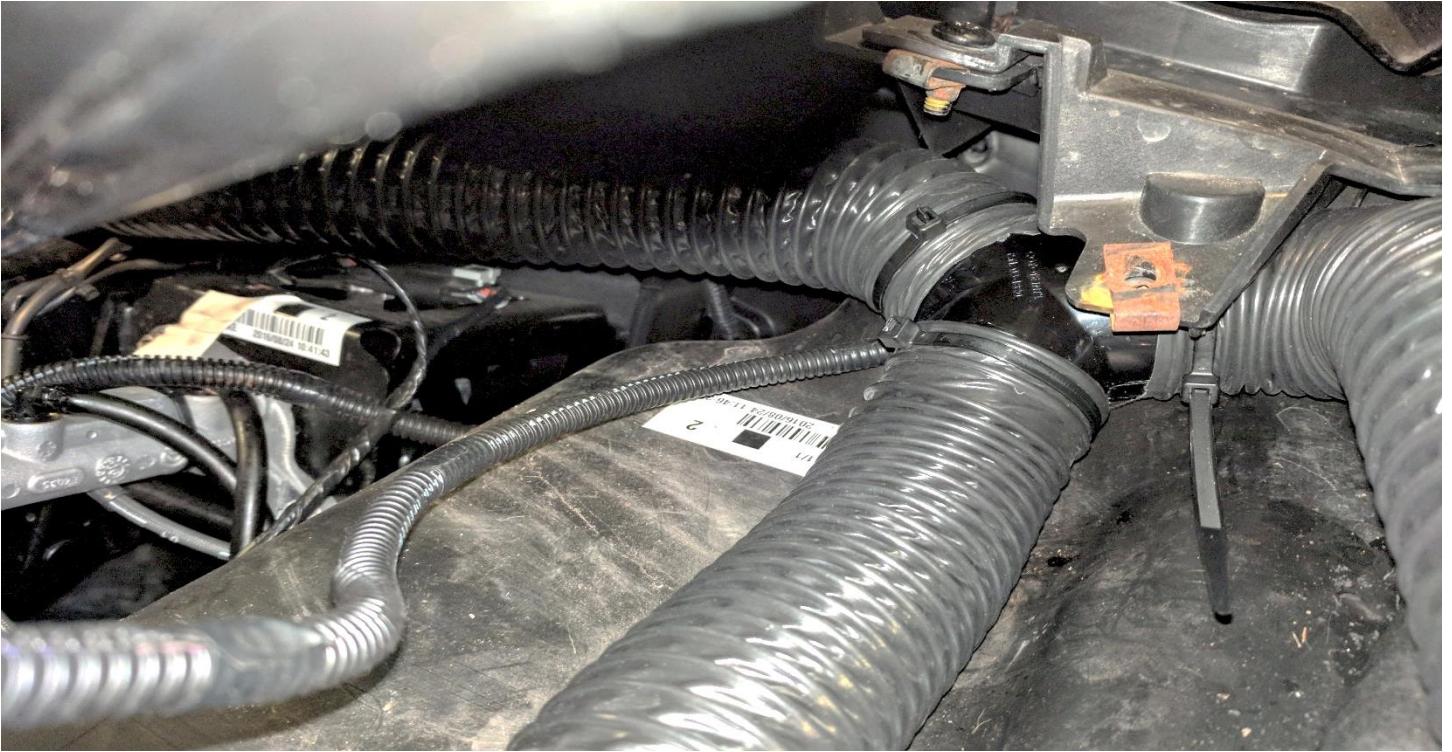


Figure 16a



Figure 16b



## Can Am Maverick X3 Ice Crusher Heater Install Instructions



Figure 16c



Figure 16d



## Can Am Maverick X3 Ice Crusher Heater Install Instructions



Figure 16e



Figure 16f  
ICCH-BD-C-CANMAVX3



## Can Am Maverick X3 Ice Crusher Heater Install Instructions

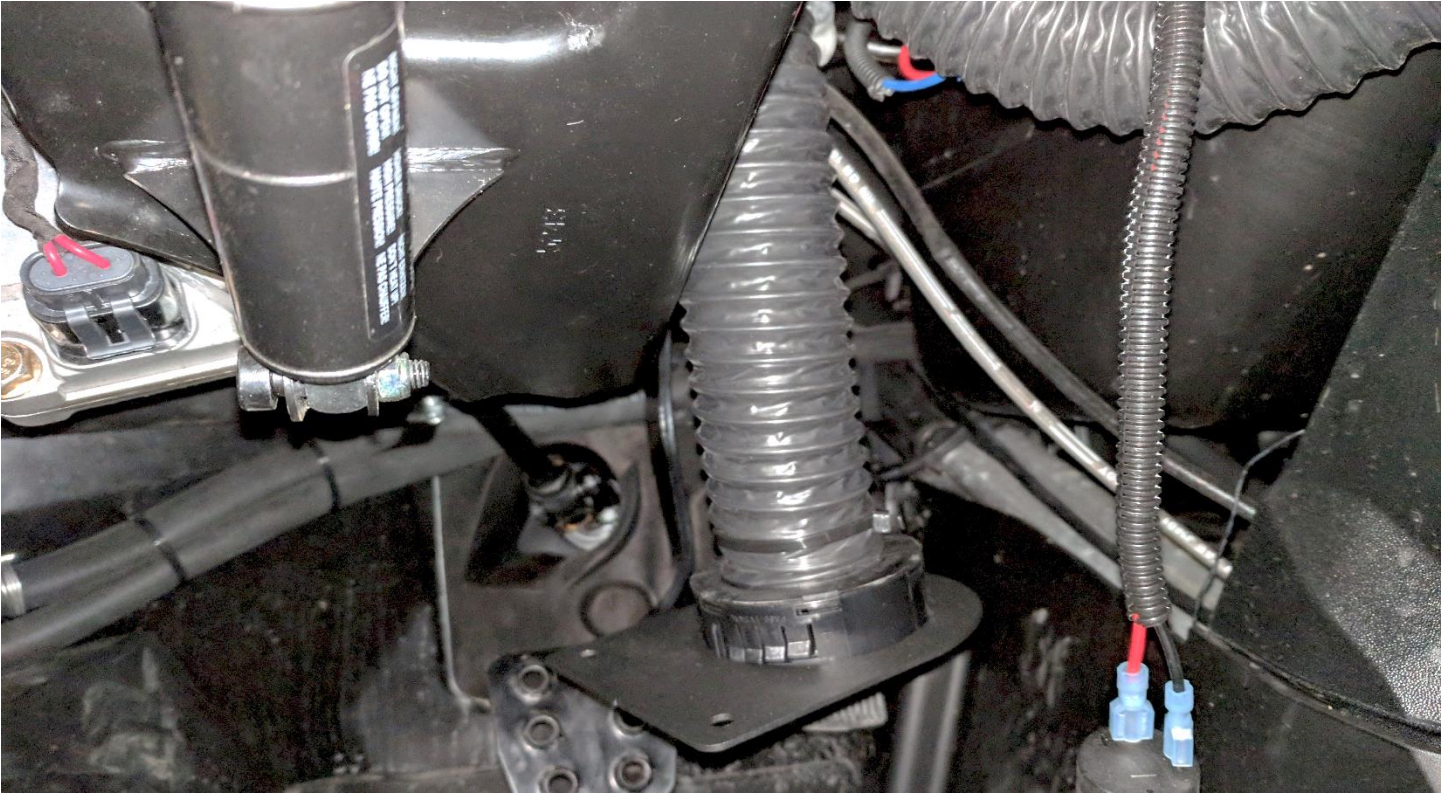


Figure 16g



Figure 16h



## Can Am Maverick X3 Ice Crusher Heater Install Instructions

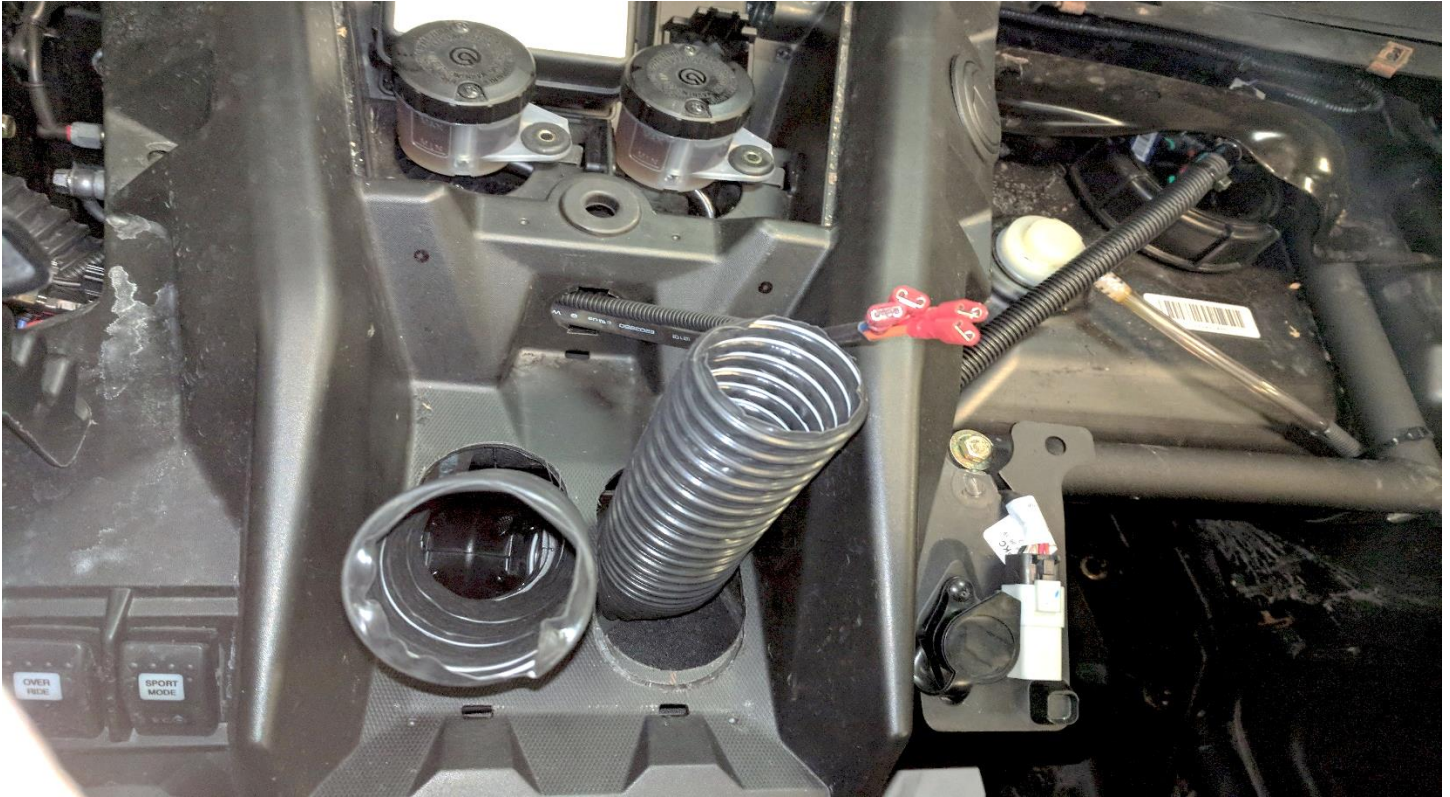


Figure 16i

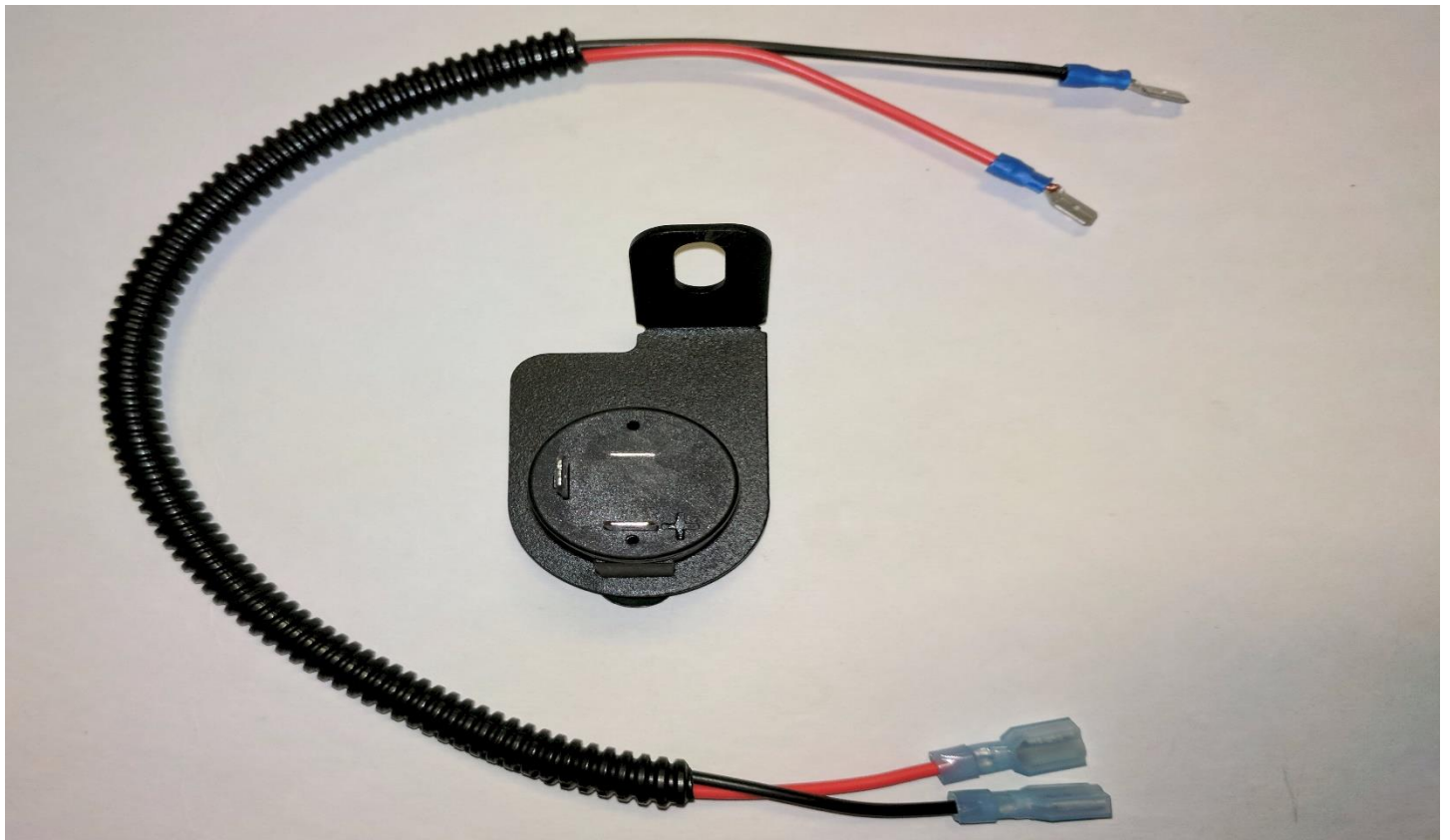


Figure 17



## Can Am Maverick X3 Ice Crusher Heater Install Instructions



Figure 18

**Align Connector  
Plugs Locating  
Notches**

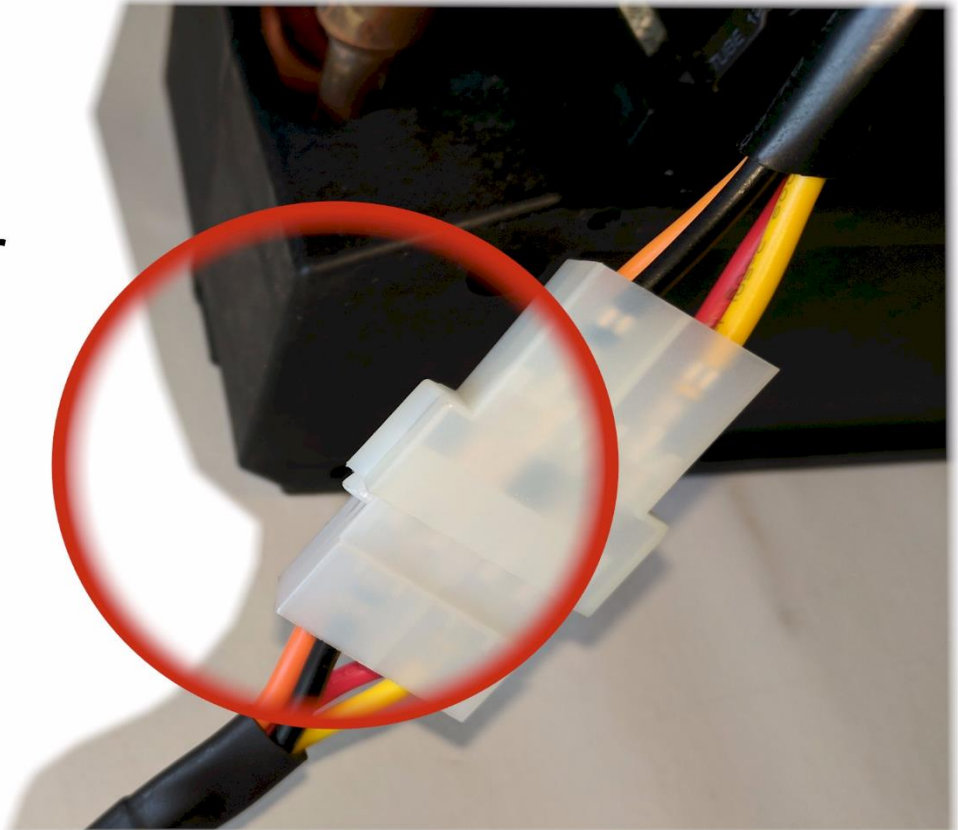


Figure 19a



## Can Am Maverick X3 Ice Crusher Heater Install Instructions

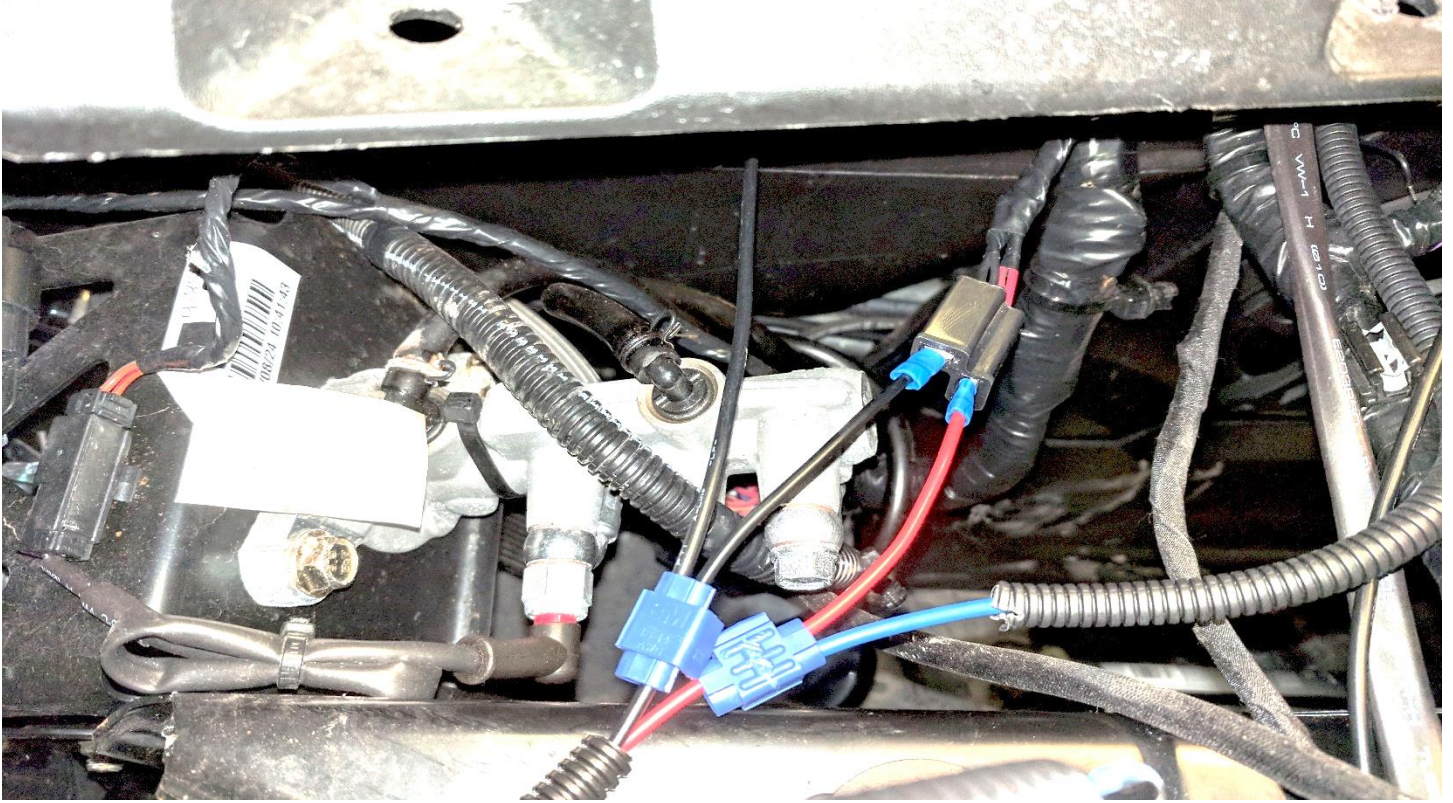


Figure 19b



## Can Am Maverick X3 Ice Crusher Heater Install Instructions

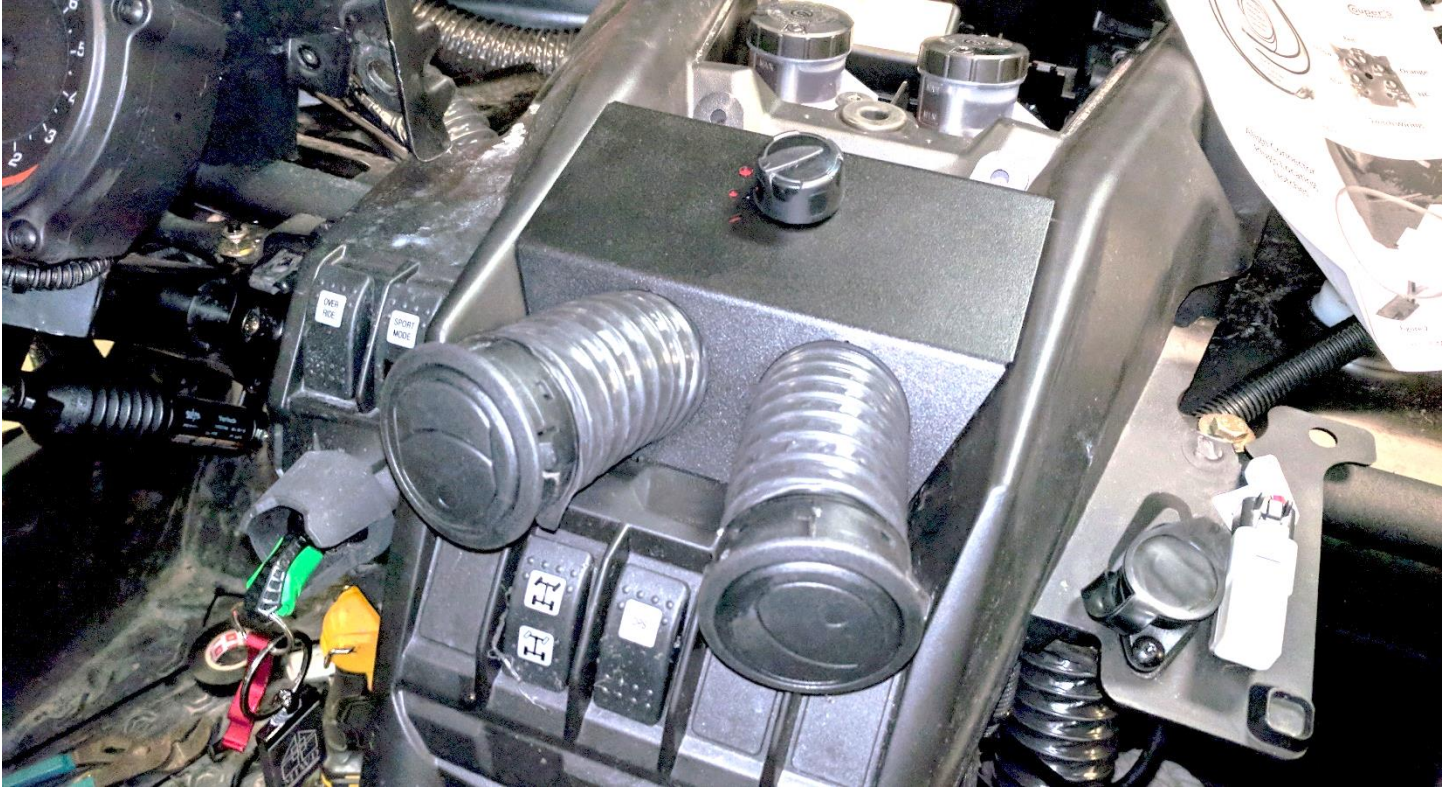


Figure 20a



Figure 20b



## Can Am Maverick X3 Ice Crusher Heater Install Instructions



Figure 20c



Figure 21



## Can Am Maverick X3 Ice Crusher Heater Install Instructions



Figure 22a



Figure 22b



## Can Am Maverick X3 Ice Crusher Heater Install Instructions



Figure 22c



Figure 22d



## Can Am Maverick X3 Ice Crusher Heater Install Instructions

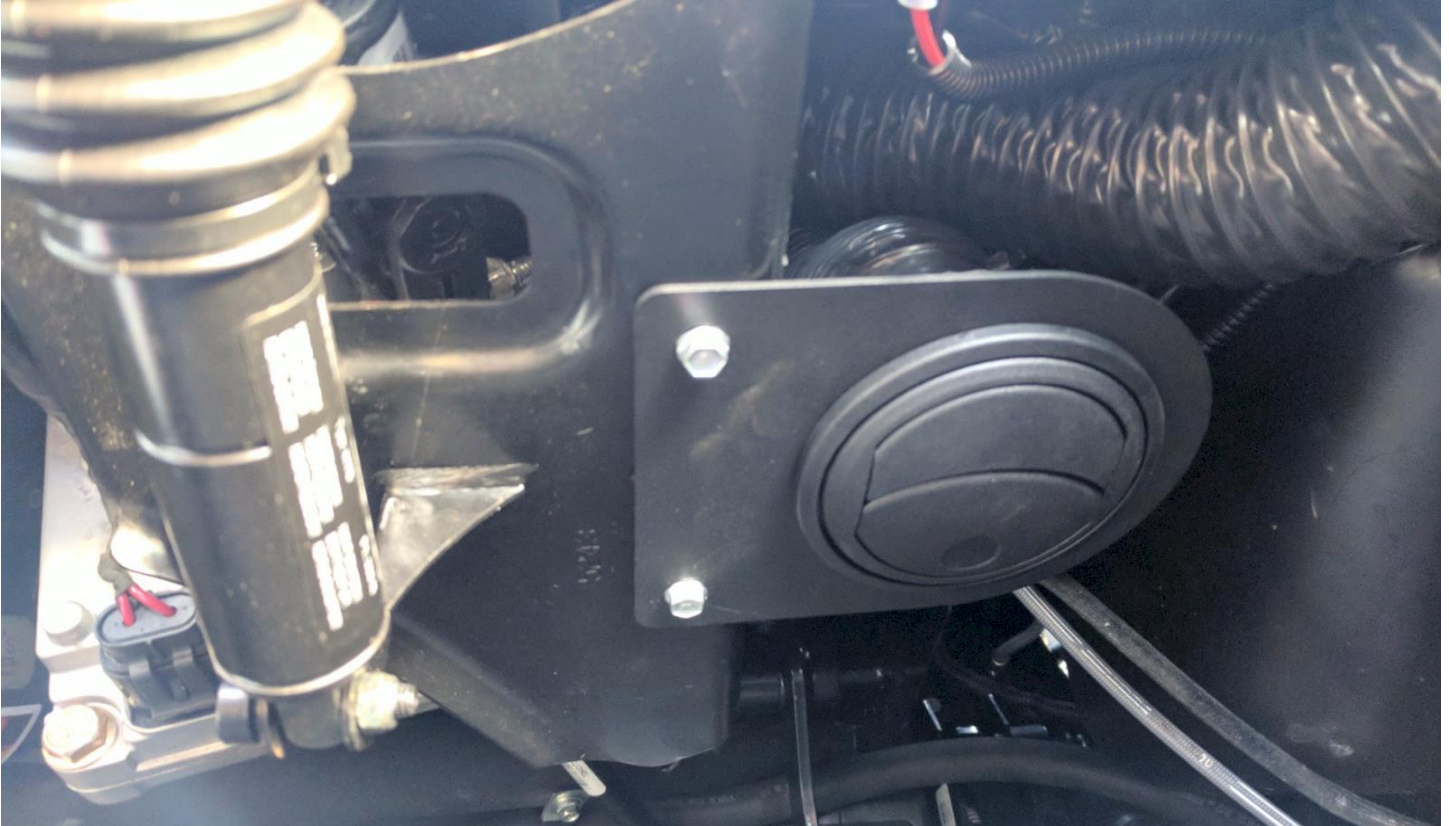


Figure 23



Figure 24a



## Can Am Maverick X3 Ice Crusher Heater Install Instructions

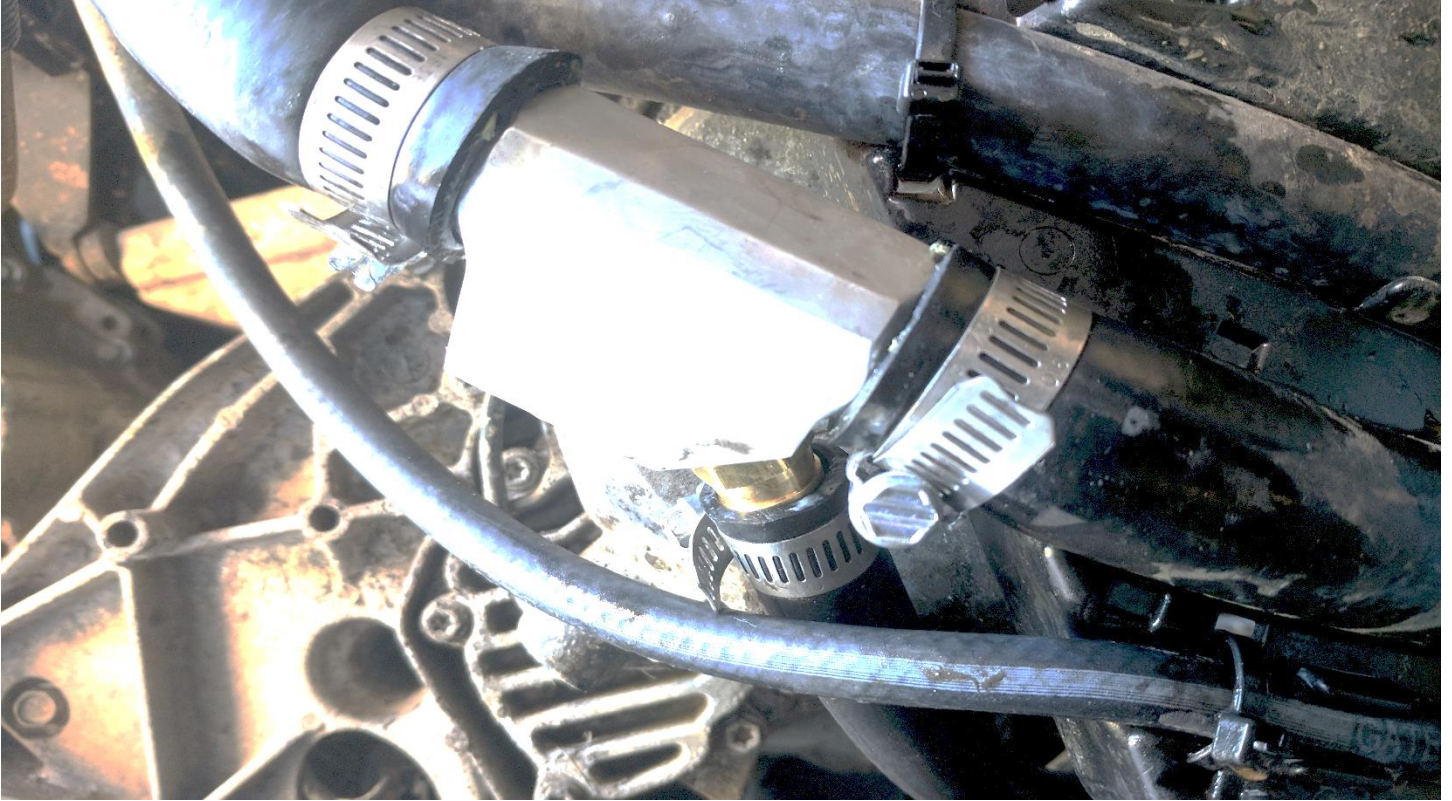


Figure 24b

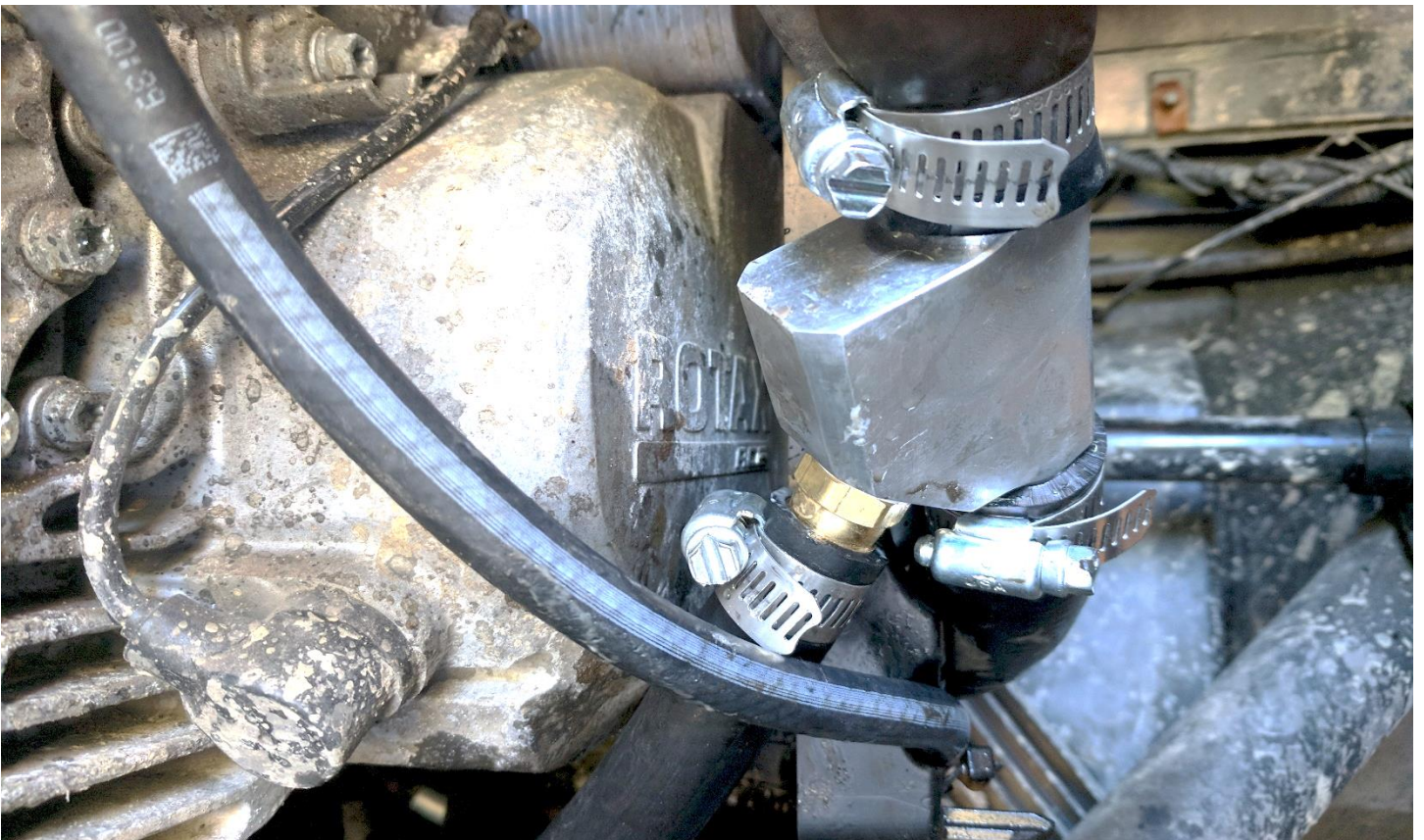


Figure 24c



Can Am Maverick X3 Ice Crusher Heater Install Instructions

**Viewed from Passenger Wheel Well**



Figure 25a



Figure 25b



# Can Am Maverick X3 Ice Crusher Heater Install Instructions

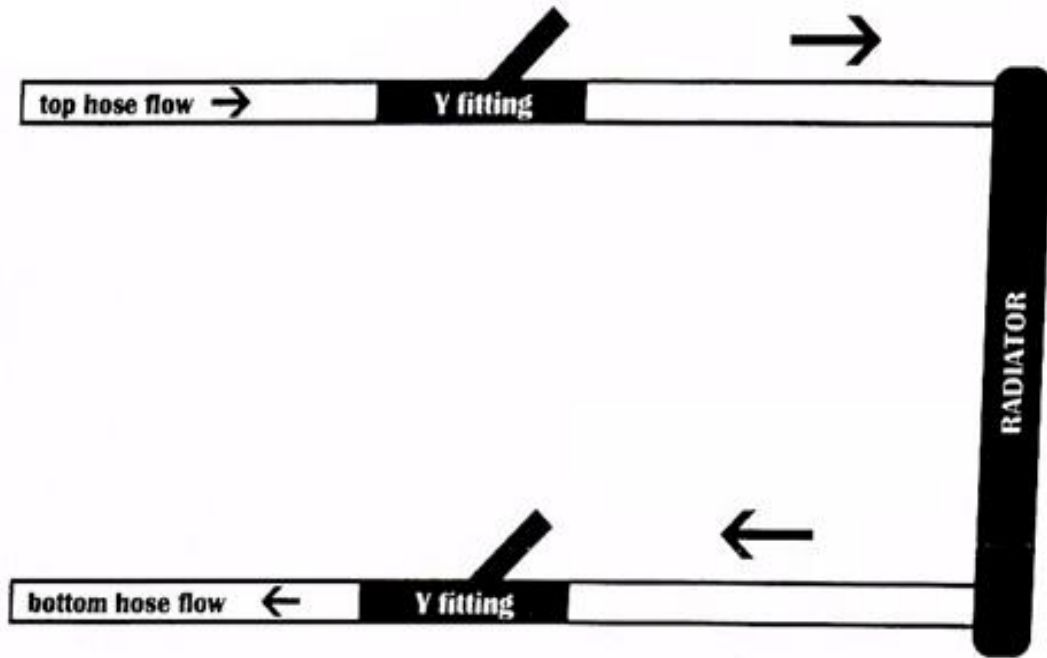


Figure 26

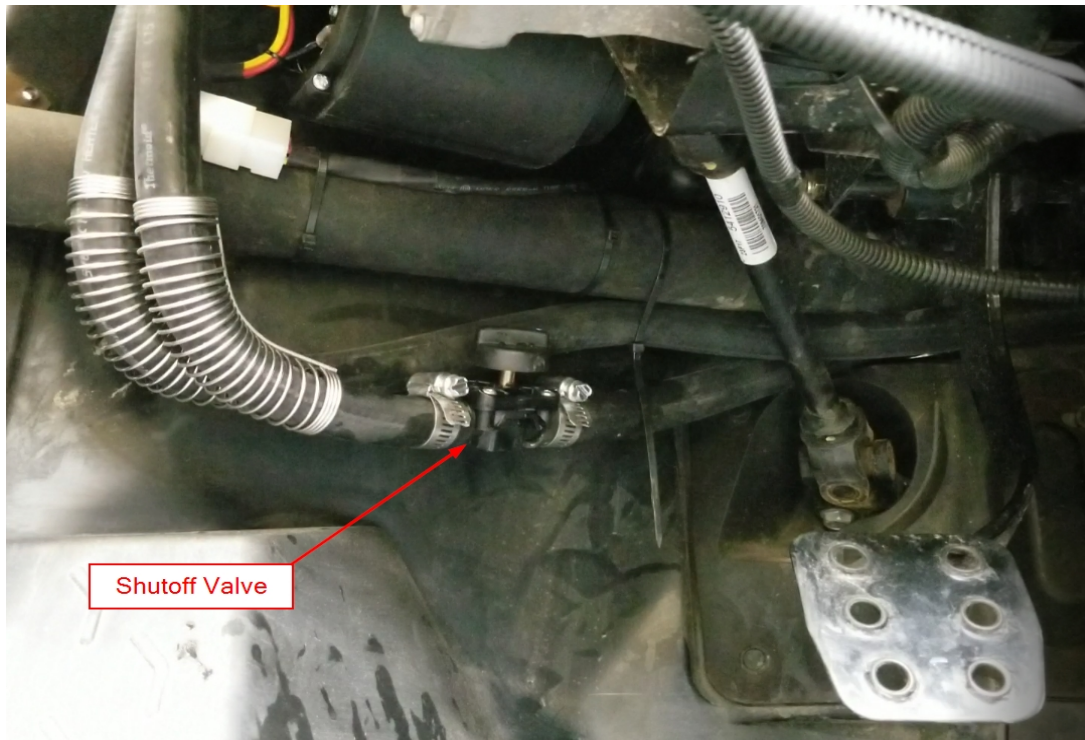


Figure 27 - Insert Shutoff on most convenient hose



## Optional MaxStat Installation

If the kit includes the optional Maxstat (Inline Thermostat Bypass), insert the MaxStat in the location shown in Figure 24a, 24b, 24c. The MaxStat replaces the Aluminum Y shown in those pictures. Please follow the instructions included with the MaxStat for proper assembly. Note the orientation of the Brass Fitting shown below.

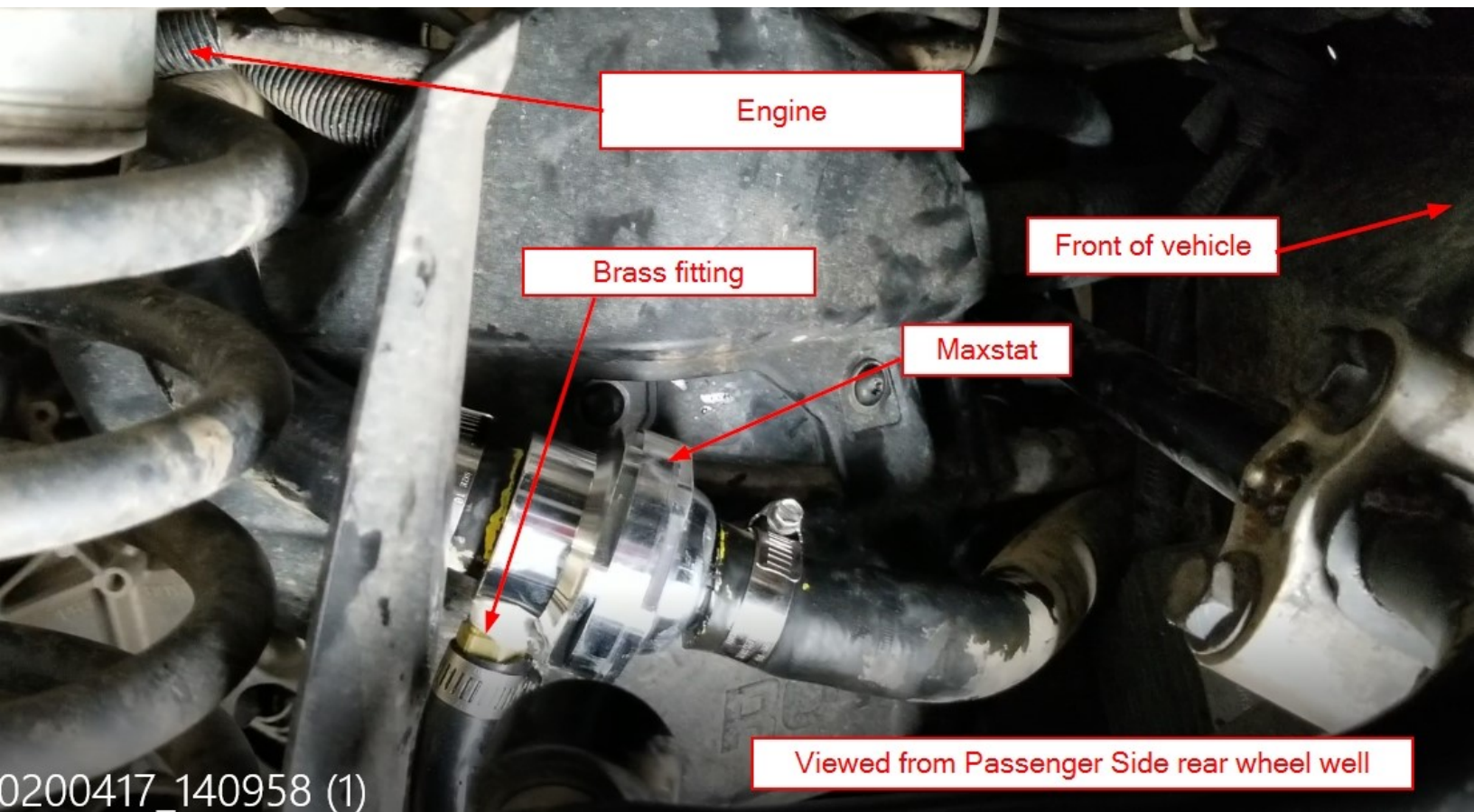


Figure 28



## Can Am Maverick X3 Ice Crusher Heater Install Instructions

HEATER WARRANTY – [utvheaters.com](http://utvheaters.com) and [couperproducts.com](http://couperproducts.com)

### **\*Couper's Products/UTV Heaters.com Heater Warranty. 3 Year/36 Month Limited Warranty**

Couper's Products warrants your UTV Heater System to be free from defects in material and craftsmanship under normal use and service by the original consumer purchaser (end user) for a period of Three (3) year from the date of purchase on all components except electrical components including but not limited to, motor, switch, wiring and resistor. Electrical components are warranted to be free from defects in material and craftsmanship under normal use and service by the original consumer purchaser for a period of One (1) year from the date of purchase. The warranty is null and void if the system has been damaged by accident, improper installation, unreasonable use, lack of proper maintenance, unauthorized repairs or modifications, or causes not arising from defects in materials and craftsmanship.

Couper's Products obligation under this warranty are limited to repair of the product at Couper's Products production facility, or the replacement of the product at Couper's Products option and at Couper's Products expense. Any expense involved *in the removal, reinstallation, or transportation of the product is **not** covered by this warranty.* Prior to return of any product to Couper's Products customer must contact Couper's Products customer service, (802) 294 3144, and obtain a Return Authorization Number. This number must be marked on exterior of carton for easy identification. Warranty product received at Couper's Products without a Return Authorization Number may be returned at expense of sender.

Postage must be prepaid, and the original dated proof-of-purchase must be included. Couper's Products will not be liable for any damages sustained in transport due to improper packaging or handling. The acceptance by Couper's Products of any product returned shall not be deemed as an admission that the product is defective or in any violation of any warranty.

This warranty is Couper's Products only express warranty of this product. We reserve the right to make changes to products and policy that are in the best interest of Couper's Products. No implied warranty shall extend beyond One (1) or Three (3) year period from the date of the original consumer (end user) purchase. Couper's Products will not be liable for any damages, for loss of use of this product, nor for any consequential damages, costs or expenses.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion of incidental or consequential damages, so the above limitations and exclusions may not apply to you. This warranty gives you specific legal rights and you may also have other rights not mentioned here that vary from state to state.

After receiving a Return Authorization Number send defective product to:

Ice Crusher Heaters  
23001 Industrial Blvd  
Rogers, MN, 55374



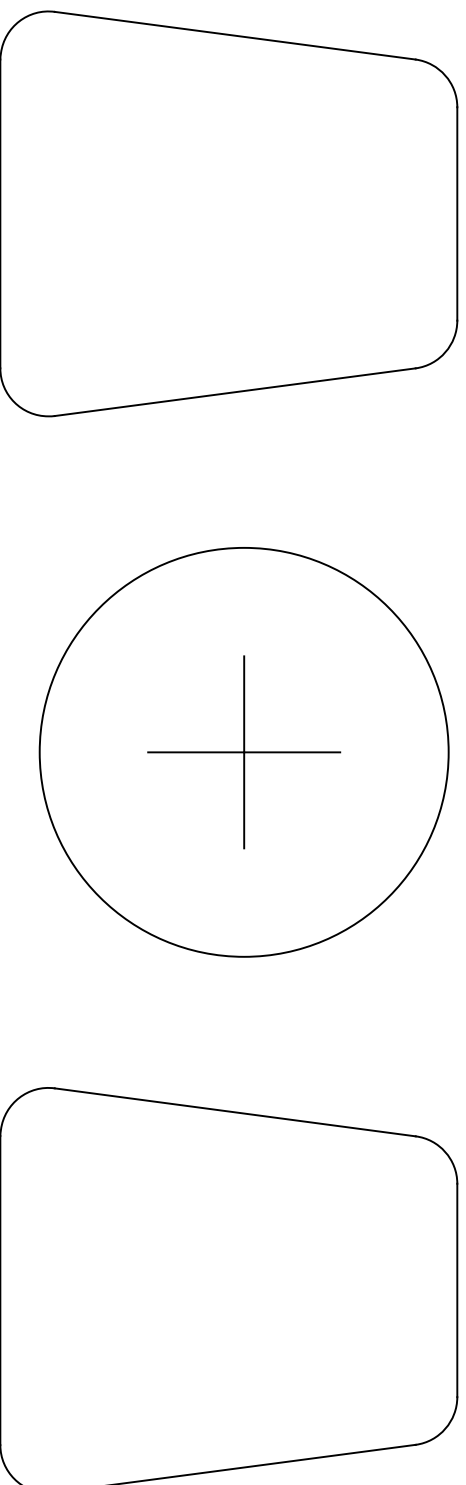




Please note: Before drilling any holes check area behind firewall/dash panels to make sure no damage or interference with equipment will occur by drilling holes and fitting of vents.

Can Am Maverick X3  
Center Duct Hose  
Template as shown in  
Figure 3

Drill hole with  
55mm Hole Saw



Align with moulding in center dash panel

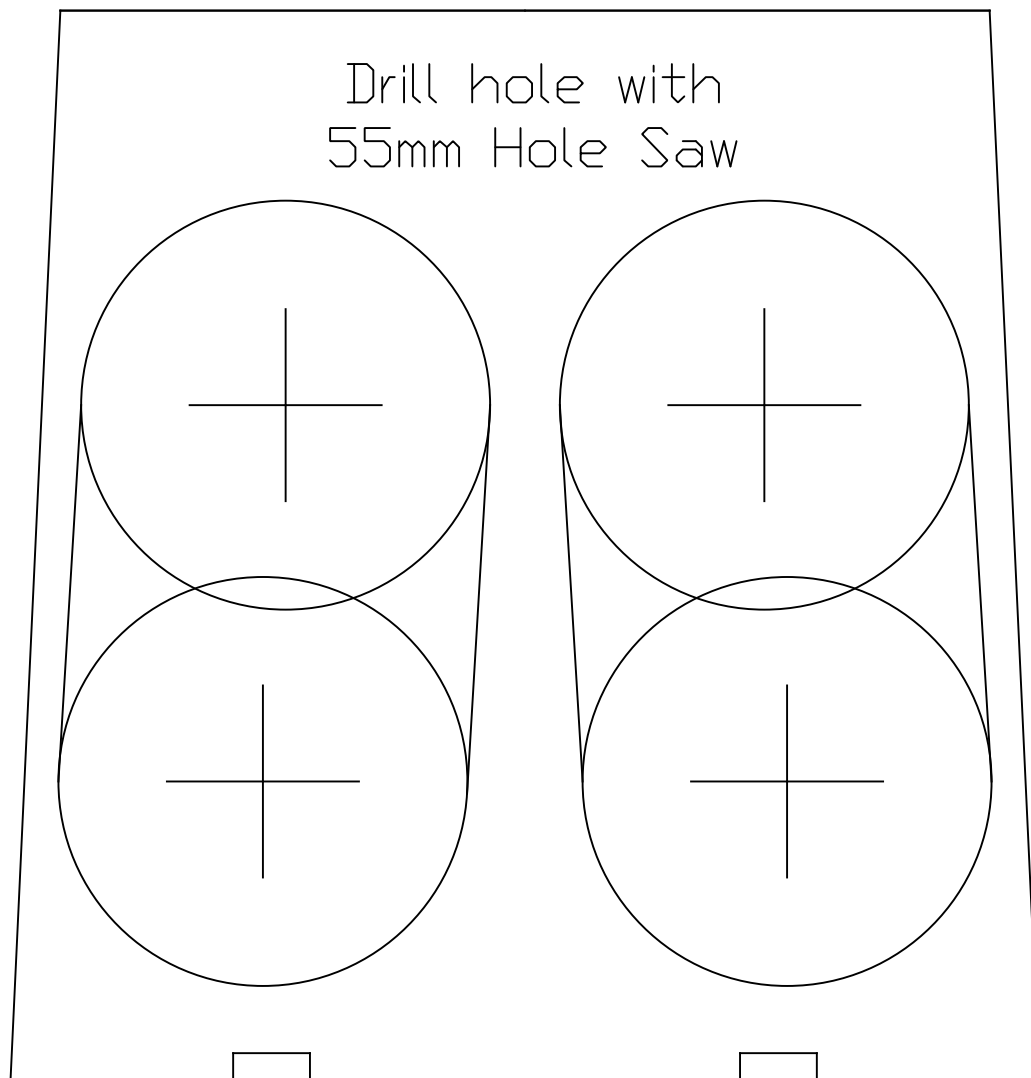






Please note: Before drilling any holes check area behind firewall/dash panels to make sure no damage or interference with equipment will occur by drilling holes and fitting of vents.

Can Am Maverick X3  
Center Duct Hose  
Template as shown in  
Figure 4a

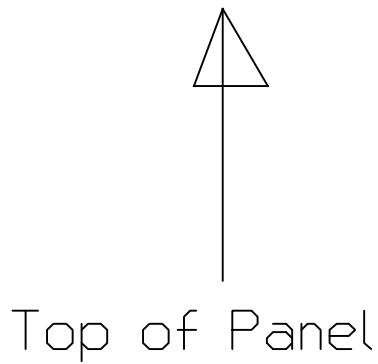


Align with moulding in center dash panel

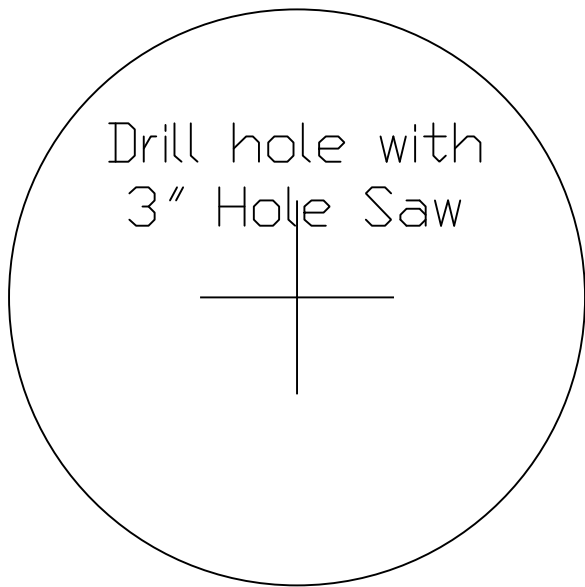








Align with moulding in lower dash panel



Can Am Maverick X3  
Right Lower Vent  
Template as shown in  
Figure 5

Please note: Before drilling any holes check area behind firewall/dash panels to make sure no damage or interference with equipment will occur by drilling holes and fitting of vents.