

1x 1 1/4" Hole Saw
1x 3" Hole Saw
1x Hole Saw Arbor



4x #10 Hose Clamps



4x #16 Hose Clamps



5x #10x1/2 Screws



8x 1/4"-20 x 1" Bolts



4x 1/4-20 Nuts



4x 1/4-20 U-Nuts



2x 1 1/4 Grommet



2x 1" Brass Y's



12" Wiring Harness

470



1x 1/4 Ring Terminal

401

1x Quick Connector

400



1027

1x EPS Compact Main
Heater Bracket

1x Duct Elbow
Mounting Bracket



1x LH Mounting Bracket

1x RH Mounting Bracket



10x 11" Cable Ties



1x Heater Unit
Top Drill



1x 90' Duct Elbow
with vent hole



1x 2" Duct Y



2x 3" Defrost Vents



1x 2" Elbow Vent



1x Step-up



8" x 2" Duct Hose
(Compressed)



3"x 2.5" Duct Hose
(Compressed)



4f of 5/8
Heater Hose

Polaris RZR 570/800 Non EPS Ice Crusher Heater Kit Instructions + RZR 900 (NON EPS)



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 vehicle's negative battery lead before working on electrical systems. Please note: Before drilling any holes check area behind firewall or dash panels to make sure no damage will occur by drilling holes.

Cut out heater hose hole template and position on firewall as shown in Figure 1 and as stated on template. Mark hole saw centers, remove template. Carefully drill heater hose holes using supplied 1 1/4" hole saw. Place supplied grommets into drilled holes.

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Push the U/Nuts over mounting brackets locating U/Nuts in large slotted holes with threaded parts facing out as shown in Figure 3a and 3b.

Remove electrical plug from dash support as shown in Figure 3c and relocate with supplied cable tie. Attach wiring loom power wire (red) to orange/white wire with quick connect connector near back of Aux power socket as shown in Figure 3c. Mount heater brackets with the flat mounting surface facing down as shown in Figure 3c using existing holes in RZR dash support brackets located under dash. Use the supplied $\frac{1}{4}$ -20x $\frac{3}{4}$ " bolts to mount brackets. Use one of the mounting bolts to attach the black wire of heater wiring loom, remove some of the paint from the dash support in this area to assure a good connection. Do not tighten mounting bolts at this time.

Optional defrost duct install: Using Figure 4 as a guide cut duct hoses to length (lengths measured with the duct hose in its compressed state, measure and cut accordingly) Make up hose assembly using supplied 2" Y connectors as shown in Figure 4. **Tip:** To attach duct hoses to Y's and/or Vents either twist Duct Hose or Vents in a "screw" action.

Install main heater bracket, defrost duct (end with tabs toward duct mounting bracket) and defrost duct mounting bracket (optional) to heater as shown in Figure 5 and attach using supplied #10x $\frac{1}{2}$ " mounting screws with washers.

Using defrost vent template and supplied hole saw drill holes for vents. Route the 2" duct hose from one defrost vent hole to the other vent hole at the same time installing the 3" vents. **Important Tip:** Cleaning any burrs from around hole with a knife will make installing the vent into place easier. Use cable ties around all duct hose connections

Using supplied heater hose, pass each end through the grommets in the firewall from the **radiator side** of the firewall, do not cut hose to do this. **Please Note:** Be sure to remove factory shipping plugs from heater fittings if so fitted. Move heater up into mounting position. Attach heater hoses to heater unit, top heater hose attach to temperature control valve (inlet) and lower hose to heater core pushing the hose completely on to the fitting. Secure hoses with supplied #10 hose clamps.

Tip: Using dish soap or a rubber/plastic cleaner on the hose will make the hose slip through the grommets easier. This can also be used on any hoses fittings and Y connectors to make connecting into hoses easier.

Attach 2.5" Duct hose to defrost duct (optional), and secure with cable tie.

Lift heater up into position pushing hoses back through grommets, fit $\frac{1}{4}$ -20x $\frac{3}{4}$ " mounting bolts and $\frac{1}{4}$ " nuts temporarily. Adjust heater into correct position making sure the defrost duct (optional) is not interfering with dash or switches etc. Remove heater, tighten heater mounting bracket mounting bolts. Connect wiring loom to heater, red wire to red and black wire to black. Reconnect battery, turn key on to check fan operation, disconnect battery. Reinstall heater, tighten mounting bolts.

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Drain cooling system by removing lower radiator hose. **Important Tip:** Raise front of vehicle on jack stands or ramps before draining cooling system or if you have the equipment to clamp off the hoses where the Y fittings are to be installed you won't have to drain cooling system, this makes installation much easier.

Locate radiator hoses as shown in Figures 5a and 5b. Cut radiator hoses removing approximately a 1" to 1.5" section of the hose as shown. Insert the Y connectors exactly as shown in Figures 5a, 5b and 6 in the radiator hoses. Before cutting the radiator hoses, be sure that the placement of Y's will not interfere with any part of the vehicle. Be sure the hose connected to the temperature control valve of the heater (inlet) is connected to the top radiator hose. Cut heater hoses 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, make sure the temperature control valve is fully open i.e. the max heat position.. This will help remove air from the system and stop air locks, **this step must be carried out.** Fit hoses to Y connectors and tighten #10 clamps. Make sure all hoses are as far away as possible from driveshaft, steering shaft and sharp areas etc. Use cable ties as necessary.

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.

Polaris RZR 570/800 Non EPS Ice Crusher Heater Kit Instructions



Figure 1

Polaris RZR 570/800 Non EPS Ice Crusher Heater Kit Instructions

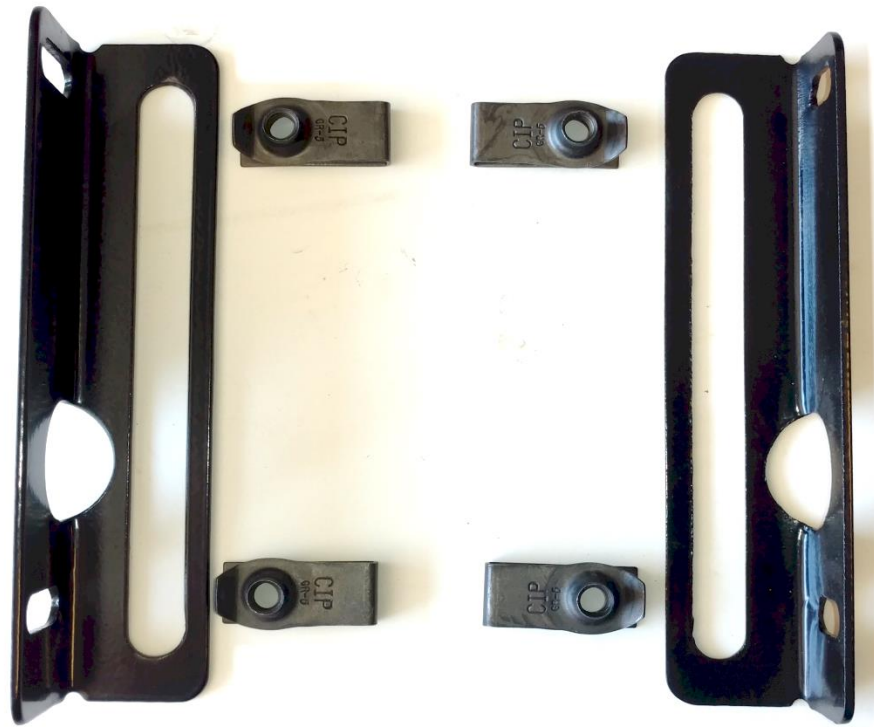


Figure 3a



Figure 3b

Polaris RZR 570/800 Non EPS Ice Crusher Heater Kit Instructions

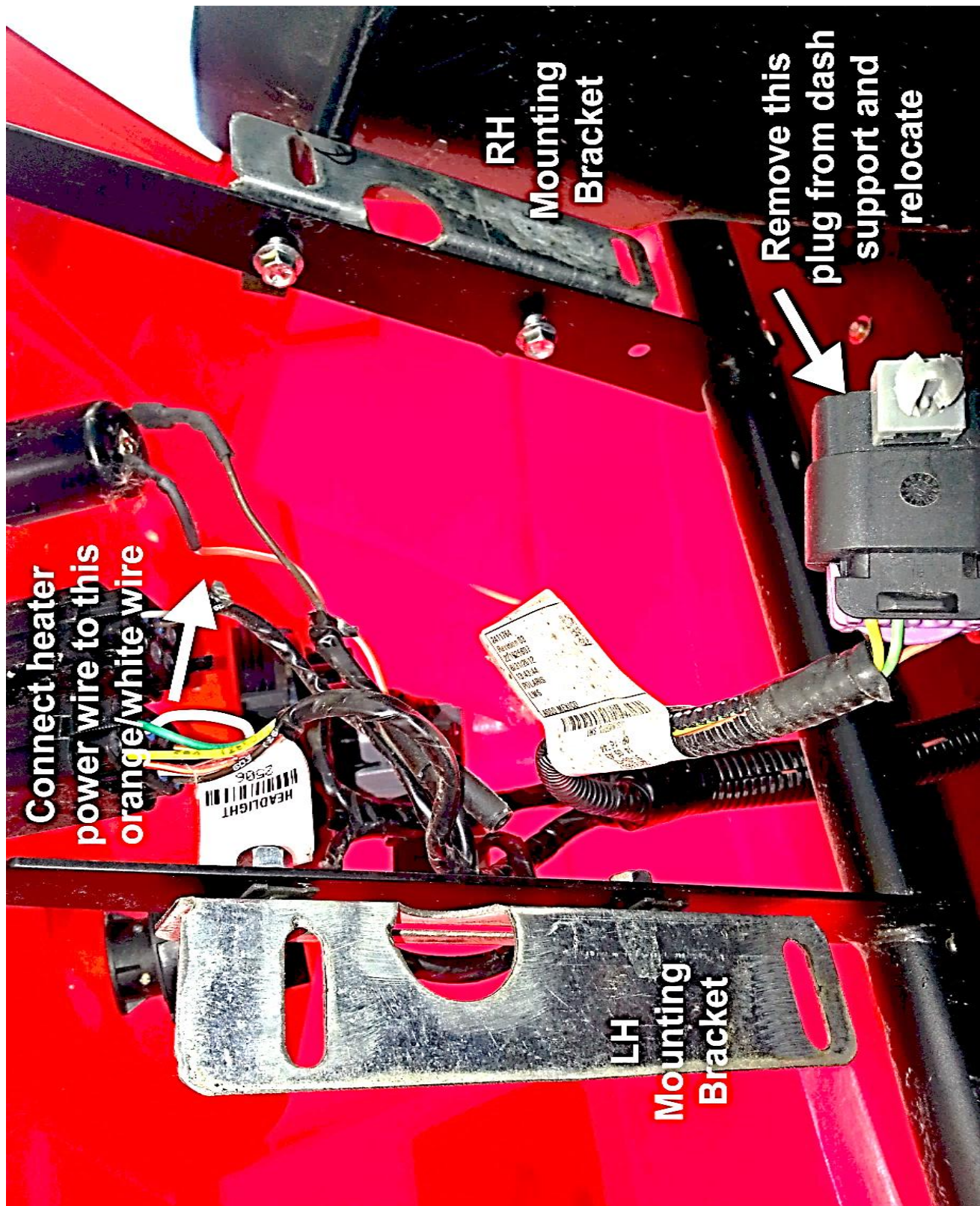


Figure 3c

Polaris RZR 570/800 Non EPS Ice Crusher Heater Kit Instructions

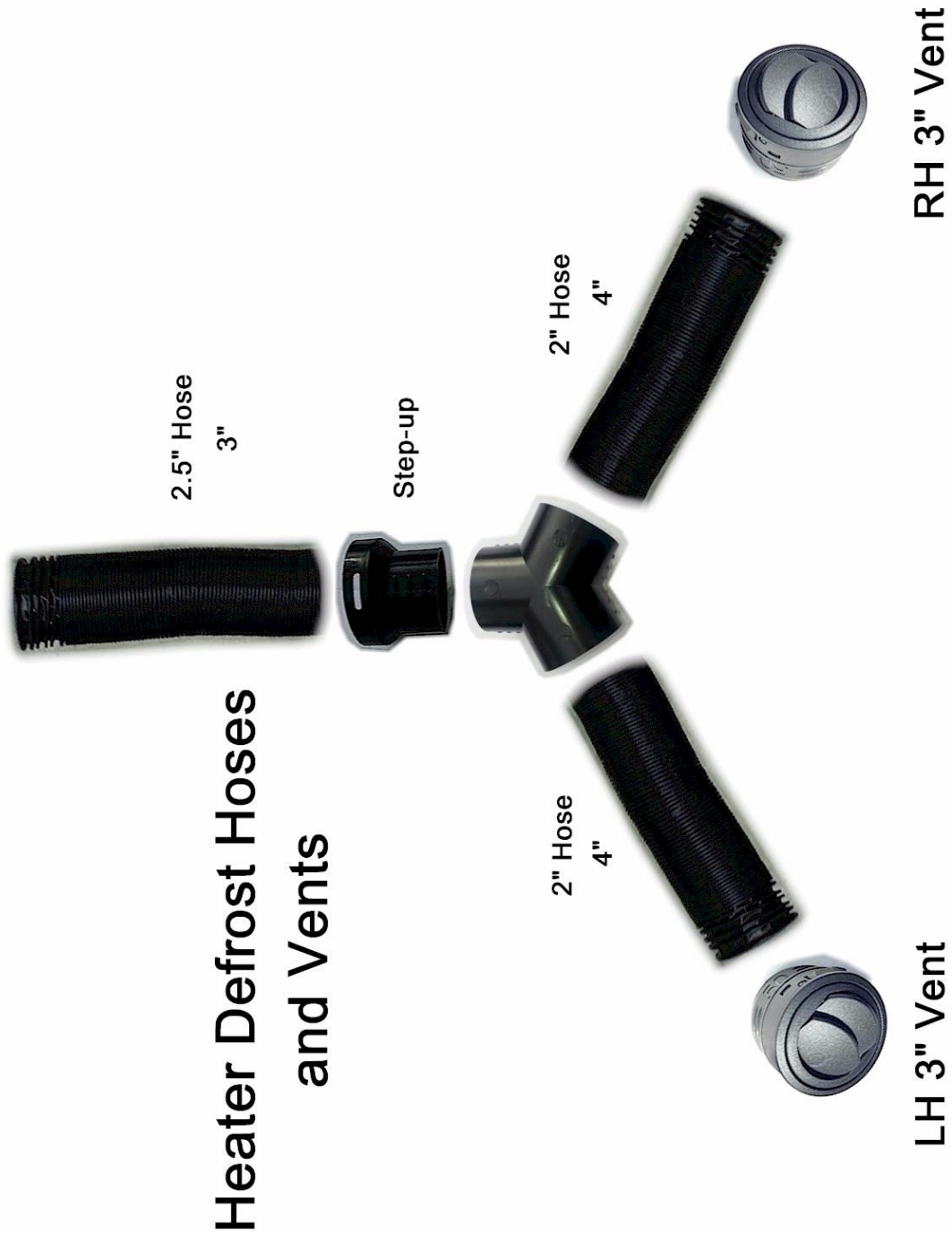


Figure 4

Polaris RZR 570/800 Non EPS Ice Crusher Heater Kit Instructions

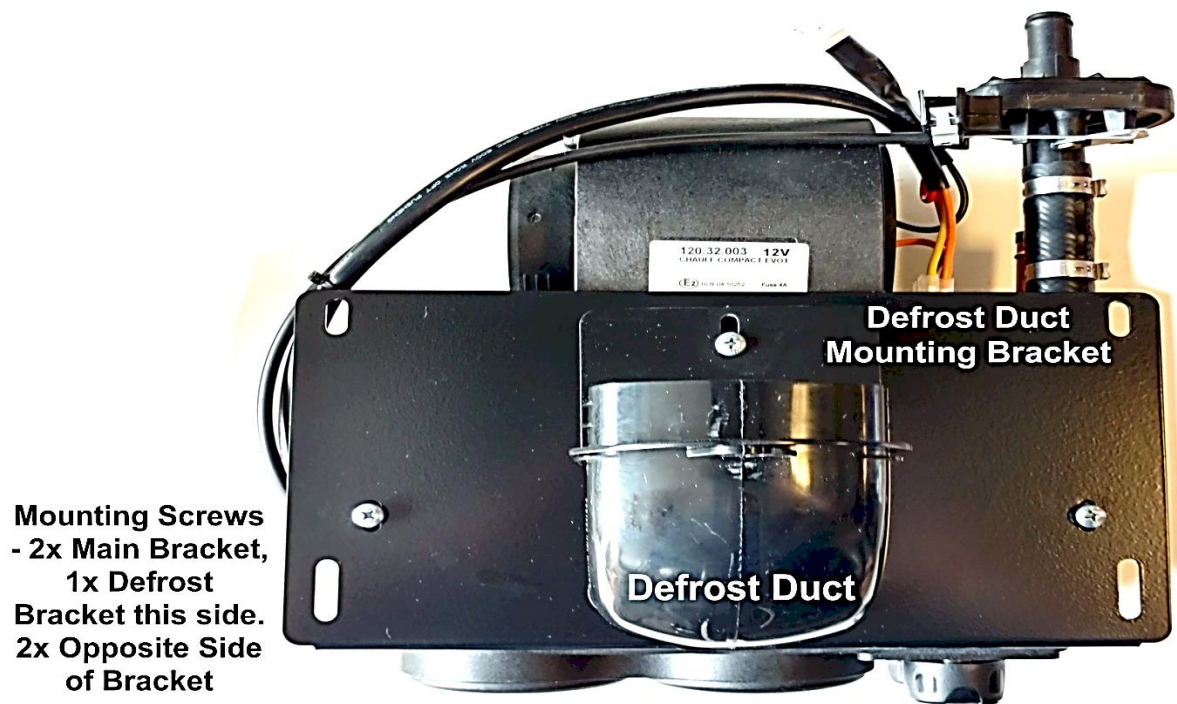


Figure 5



Figure 6a

Polaris RZR 570/800 Non EPS Ice Crusher Heater Kit Instructions



Figure 6b

Note: Inlet of heater must go to the top radiator hose

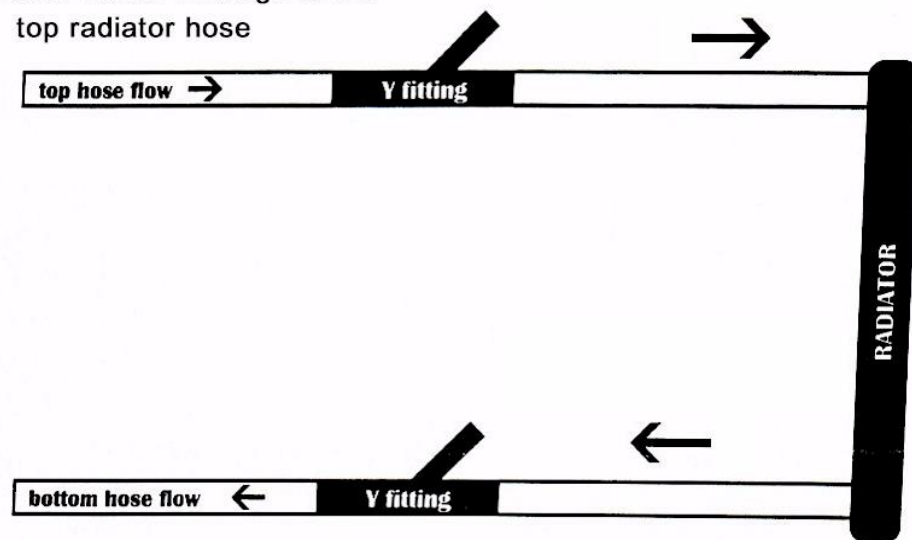


Figure 6c

Polaris RZR 570/800 Non EPS Ice Crusher Heater Kit Instructions

HEATER WARRANTY – utvheaters.com

***Couper's Products/UTV Heaters.com Heater Warranty. 1 Year/12 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 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 0016, 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.

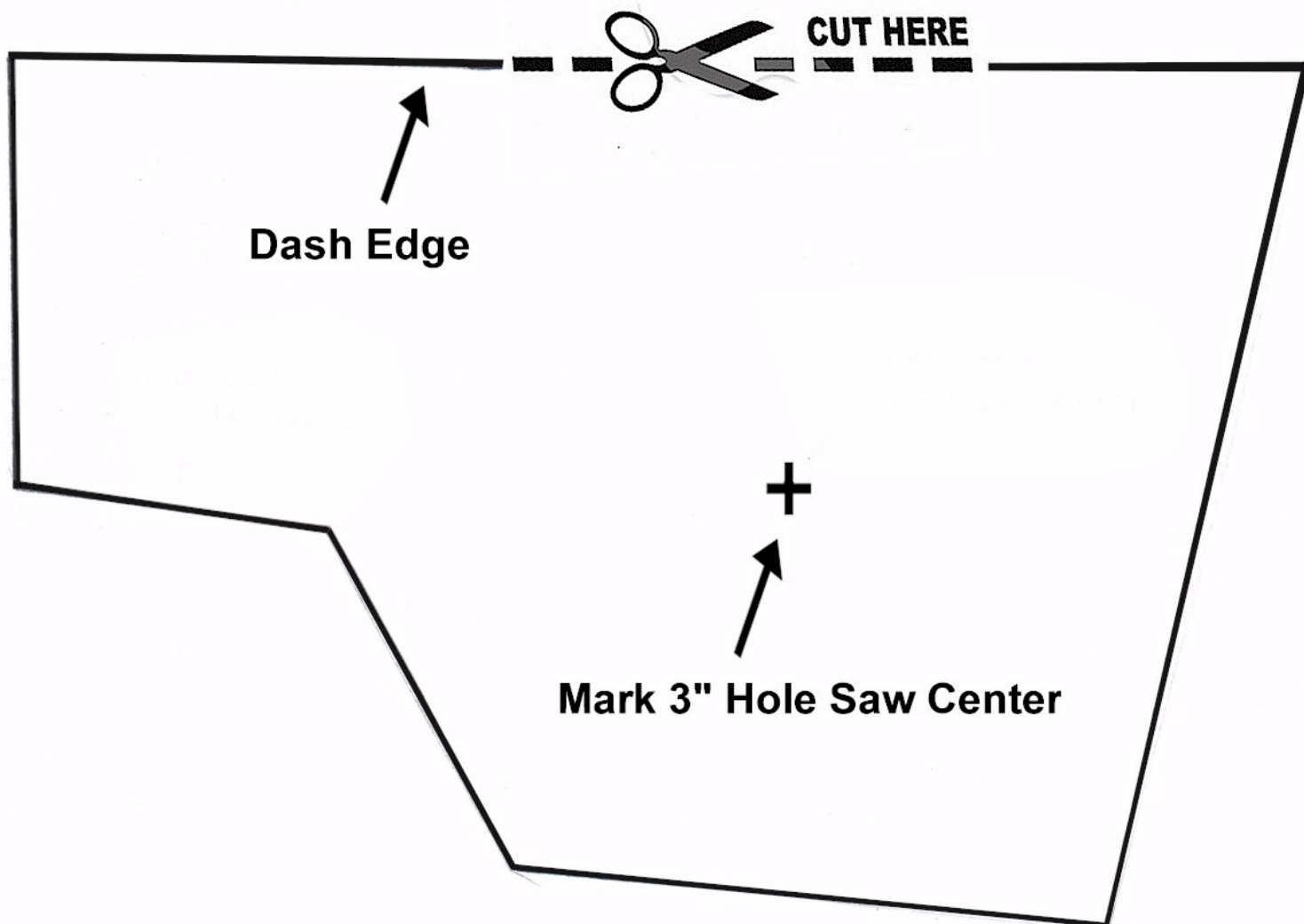
Postage must be prepaid, and the original dated proof-of-purchase must be included. Couper's Products will not be liable for any damages sustained in transport due to improper packaging or handling. The acceptance by Couper's Products of any product returned shall not be deemed as an admission that the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

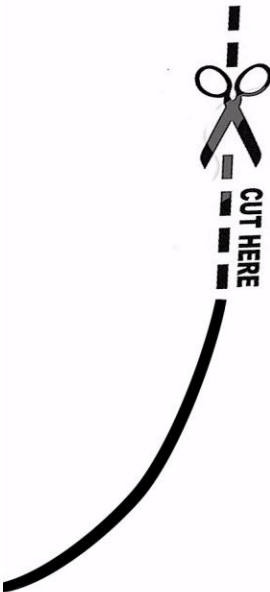
After receiving a Return Authorization Number send defective product to:

**Ice Crusher Heaters
23001 Industrial Blvd
Rogers, MN, 55374
888-964-0135**



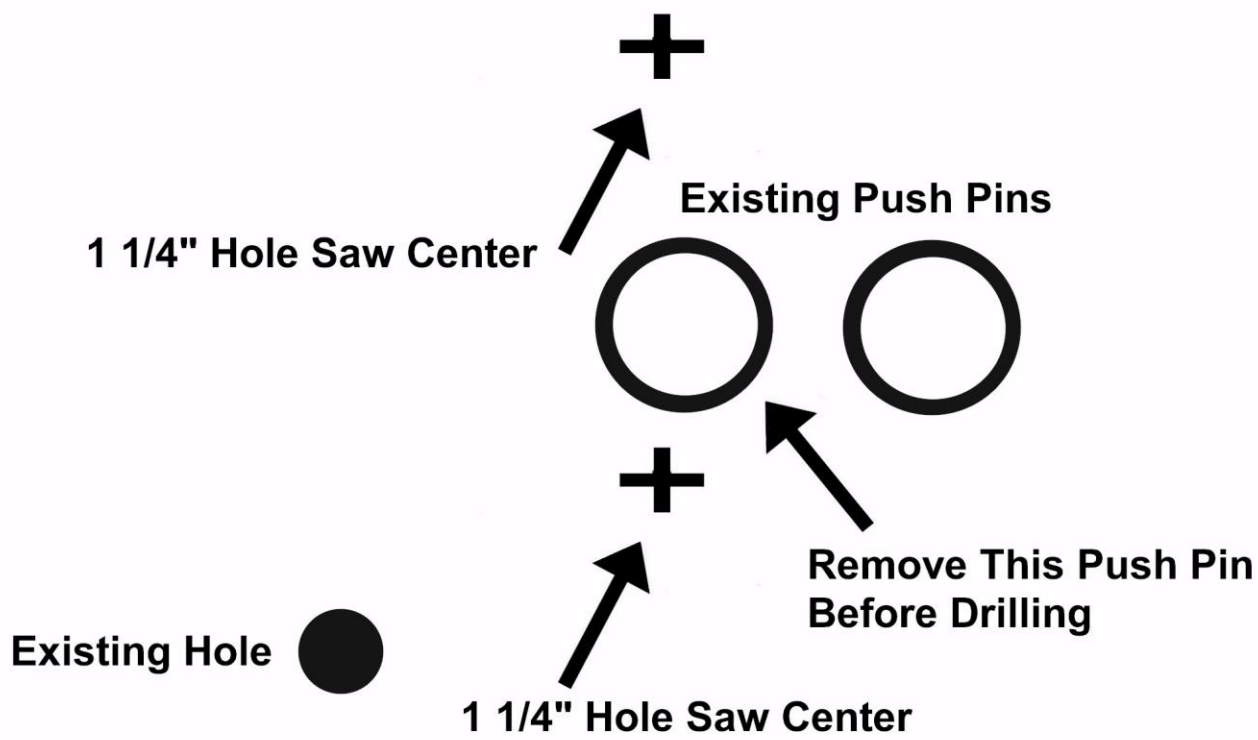
Polaris RZR Defrost Kit Dash Template.

Cut out template, place on upper dash panel and align with the contours of the dash. Mark center hole on dash. Repeat on opposite side. Remove template. Using hole saw, drill vent hole in dash. Please Note: Before you drill please check the under side of dash directly below template for anything that may interfere with the placement of the vent. We will not be held responsible for vent holes being drilled in the incorrect place.



Top

Polaris RZR 570/800/900 Non EPS Firestorm Under Dash Heater Hose Template.



Cut out template. Tape to firewall as shown in instructions. Mark hole center on firewall. Remove template. Using 1 1/4\" hole saw, drill hose holes in firewall. Please Note: Before you drill please check the other side of firewall for anything that may interfere with the placement of the holes. We will not be held responsible for holes being drilled in the incorrect place.

