

19+ Polaris RZR XP1000 Heater Kit

ICCH-UD-C-POLRZR19

1x 1 1/4" Hole Saw
1x 55mm Hole Saw
1x Hole Saw Arbor



2x #16 Hose Clamps



226

4x #10 Hose Clamps



228

2x #6 Hose Clamps



231

1x Blower Switch



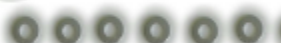
333

1x 7/16" Washer



344

7x 1/4" Washer



433

2x 5/16-18x5" Bolts



314

2x 5/16x18 Nuts



421

4x 1/4-20x3/4" Bolts



311

2x 1/4-20x1 1/2" Bolt



313

6x 1/4x20 Nuts



420

4x 1/4 Fender Washers



430

4x 1/4" Push-Pins



324

2x 1 1/4" Gommets



221

1x 1" Brass Y



243

1x 3-Way Ball Valve



246

2x 1/4" Eye Terminal



401

1x IC-POLRZRSWR18 Bezel



1092

1x Switch Nut



345

1x #1 Knob



330



504

RZR-15f of 5/8

Heater Hose

RZR 4 -17f of 5/8

Heater Hose



213-WC

1x Wiring Harness with
2-Pin Connector



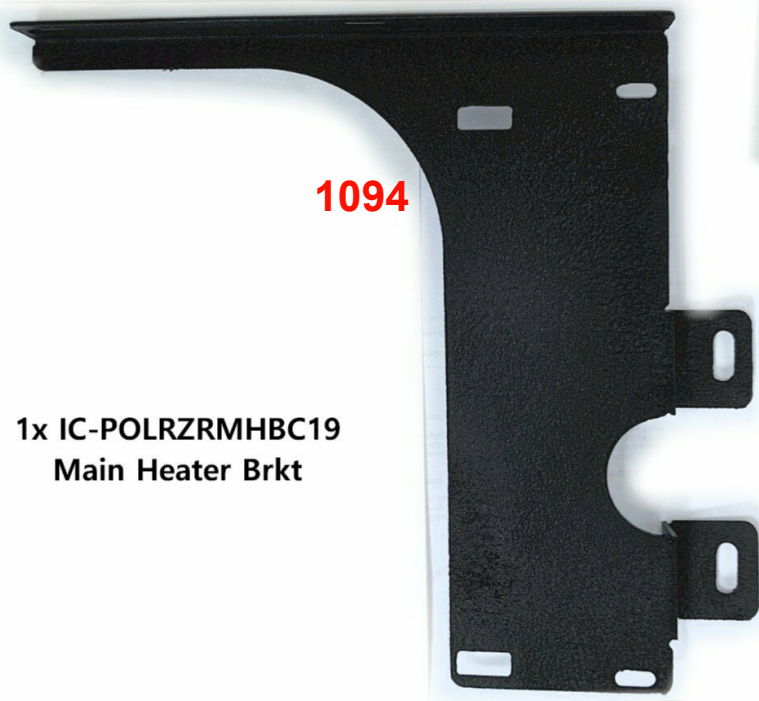
474

1x Pulse Connector

30x 11" Cable Ties



214



1094

1x IC-POLRZRMHBC19
Main Heater Brkt



620



1036

IC-POLRZRCVC19 Center Vent Brkt



601

3" Intake Grill



1090

1x IC-U55VB-1
Vent Brkt



1005P

Plastic Face Plate with Ports
Vent and Duct Kit

3x 2" Y's



503

2x 3" Vents



502

4x 2" Vents



501

505



27" 2" Duct Hose
(compressed)

19+ Polaris RZR XP1000 Ice Crusher Heater Install Instructions



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 seats, drive shaft tunnel panel, dash top, center document holder cubby and holder bracket.

Using supplied heater hose template, position template on the top firewall/driveshaft tunnel area, tape template into place. Mark out hole centers as stated on template, remove template. Carefully drill holes using supplied 1 1/4 hole saw as directed on template. **Caution:** Be careful not to drill into wiring loom on the underside of driveshaft tunnel. Fit 1 1/4 Grommets to the drilled holes.

888-964-0135

19+ Polaris RZR XP1000 Ice Crusher Heater Install Instructions

Please Note: The defrost template is for the Non Ride Command option. If fitted with ride command option then the defrost vent position may need to be altered.

Using supplied defrost vent hole templates, position templates in correct locations as shown in Figure 2a and on the template, mark out hole saw centers as stated on template, remove template. **Please Note:** the RH and LH holes are in slightly different positions, this is correct. Carefully drill holes using supplied 54mm hole saw as directed on template. **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 RH vent hole template, position templates in correct location as shown in Figure 2b 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 a 1/4 drill bit, drill the holes completely through the firewall as circled in Figure 3.

Using supplied heater hose cut 5f from hose. Feed the 5f hose through the front grommet. Route the heater hose out the front of the firewall, up the frame upright, behind the shock and over to the lower radiator hose as shown in Figures 5a and 5b. Leave approx. 12" of hose protruding out of the grommet. **Tip:** Using dish soap or a rubber/plastic cleaner on the hose will make the hose slip through the grommets easier. **Note:** Do not cable tie up hose at this time.

Using the remainder of heater hose feed through the rear grommet. Route the heater hose back along the coolant pipes out to the rear of the UTV, alongside the coolant hose on the right side of the engine to the upper radiator hose as shown in Figures 5a and 5b. Leave approx. 12" of hose protruding out of the grommet. **Note:** Do not cable tie up hose at this time.

Please Note: Be sure to remove factory shipping plugs from heater fittings if so fitted.

Take heater and fit hoses to heater connectors and tighten #10 clamps as shown in Figure 8. **Tip:** Using dish soap or a rubber/plastic cleaner on the hose will make the hose slip onto the fittings easier.

Take main heater bracket, slip bracket up beside the right side of the heater so as to align with the holes drilled through the firewall. Temporarily fit the supplied 1/4-20x1 1/2" bolts through the bracket and firewall as shown in Figure 9a. Move heater up into position aligning the mounting holes in bracket with the 5/16 mounting bolts in the heater, push mounting bolts through the bracket, fit the 5/16 nuts to the bolts as shown in Figure 9b. Do not fully tighten nuts at this time. This will also require pushing some of the heater hose back through the grommets. Adjust heater into position so as to fit correctly into mounting area and not interfering with any part of the UTV. Mark the heater bracket top mounting holes on the side of the glove box as shown in Figure 10, Move heater out of the way and drill the mounting holes using a 1/4 drill bit.

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At this time mount the heater using supplied $\frac{1}{4}$ -20x $\frac{3}{4}$ " bolts through the top heater brackets into the glove box, fit supplied $\frac{1}{4}$ " fender washer and $\frac{1}{4}$ " nut. Using supplied $\frac{1}{4}$ -20x1 $\frac{1}{2}$ " bolts, fit a supplied $\frac{1}{4}$ " washers to the bolts, pass through the bracket holes, fit another $\frac{1}{4}$ washer, push bolt through the firewall, fit supplied $\frac{1}{4}$ " fender washer and $\frac{1}{4}$ " nut. Note: This area is a tight fit, patience will be required to fit the nut. Adjust heater and tighten bolts. Do not over tighten screw.

Fit interior LED into heater mounting bracket as shown in Figure 11.

Take Pre-made loom and connect to the switch. Pass loom through opening in dash and route the heater plug end of the loom down to the heater connector. Connect the loom connector to the heater connector aligning the locating notches in the plugs as shown in Figure 12a, push the loom connector firmly together. Route the blue and black wire of the loom through the factory grommet in the firewall to the factory "power block". Connect black wire to the "Neg" terminal using the supplied $\frac{1}{4}$ ring terminal as shown in Figure 12b. Install eye terminal and connect the blue wire to the "acc" terminal using the supplied $\frac{1}{4}$ ring terminal as shown in Figure 12b. Reconnect battery, turn key on to check fan operation, disconnect battery. Use cable ties to secure wiring loom.

Locate RH dash area as shown in Figure 13a. Cut area as shown in 13b so the duct hose will fit into the area as shown in Figure 13c.

Using Figure 14 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 assemblies using supplied 2" Y connectors as shown in Figure 14. **Tip:** To attach duct hoses to Y's and/or Vents either twist Duct Hose or Vents in a "screw" action. Use cable ties around all duct hose connections.

Fit duct hoses as shown in Figures 15a-15f. Install 2" defrost vents.

Note position of LH lower vent and center lower vent brackets. Locate mounting positions as shown in Figure 16. Use the bracket to mark out mounting hole, carefully drill holes using a $\frac{1}{4}$ " drill bit. Mount bracket using supplied $\frac{1}{4}$ -20x $\frac{3}{4}$ " bolts, $\frac{1}{4}$ " washers and $\frac{1}{4}$ " nuts.

Fit red switch bezel onto switch. Mount the heater switch into the center vent bracket, fit $\frac{7}{16}$ washer and switch nut, tighten nut and fit knob. Fit Center vent into position, mark mounting holes, remove the bracket, carefully drill holes using a $\frac{1}{4}$ " drill bit. Refit the center vent bracket, use the supplied push-pins to mount the bracket as shown in Figure 17a and 17b. Fit the 3" vents into position.

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 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.

Locate the lower radiator hose at the front of the UTV. Using Figures 18a-18b as a guide cut radiator hose as shown removing approximately a 1" to 1.5" section of the hose. Insert the Y connectors exactly in the radiator hose as shown in Figures 18b. Please Note: Turbo Y connector position will be slightly different. Connect the $\frac{5}{8}$ " Heater Hose and secure using #10 & #16 Hose Clamps

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Locate the Oil Cooler Bypass hose from the Passenger side rear wheel well as shown in Figure 19 and 20. Cut a 1" to 1.5" piece of the hose out and insert the 3-Way ball valve as shown. Cut the 5/8" Heater Hose to length and secure with (2) #6 and (1) #10 Hose Clamps. Turn the 3-Way Valve handle perpendicular to the Oil Cooler Hose to send hot coolant to the heater and parallel to stop coolant from reaching the heater unit.

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.

Install the intake grill as shown in Figure 21.

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.

Fit dash into place, pass vent hoses through the dash and fit vents as shown in Figures 22a and 22b.

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.

Caution: When working on cooling systems always allow vehicles to cool before opening radiator cap to avoid being burned or scalded by hot coolant.

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. Note: Removing the radiator cap temporarily will also aid in the removal of trapped air. 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.

19+ Polaris RZR XP1000 Ice Crusher Heater Install Instructions

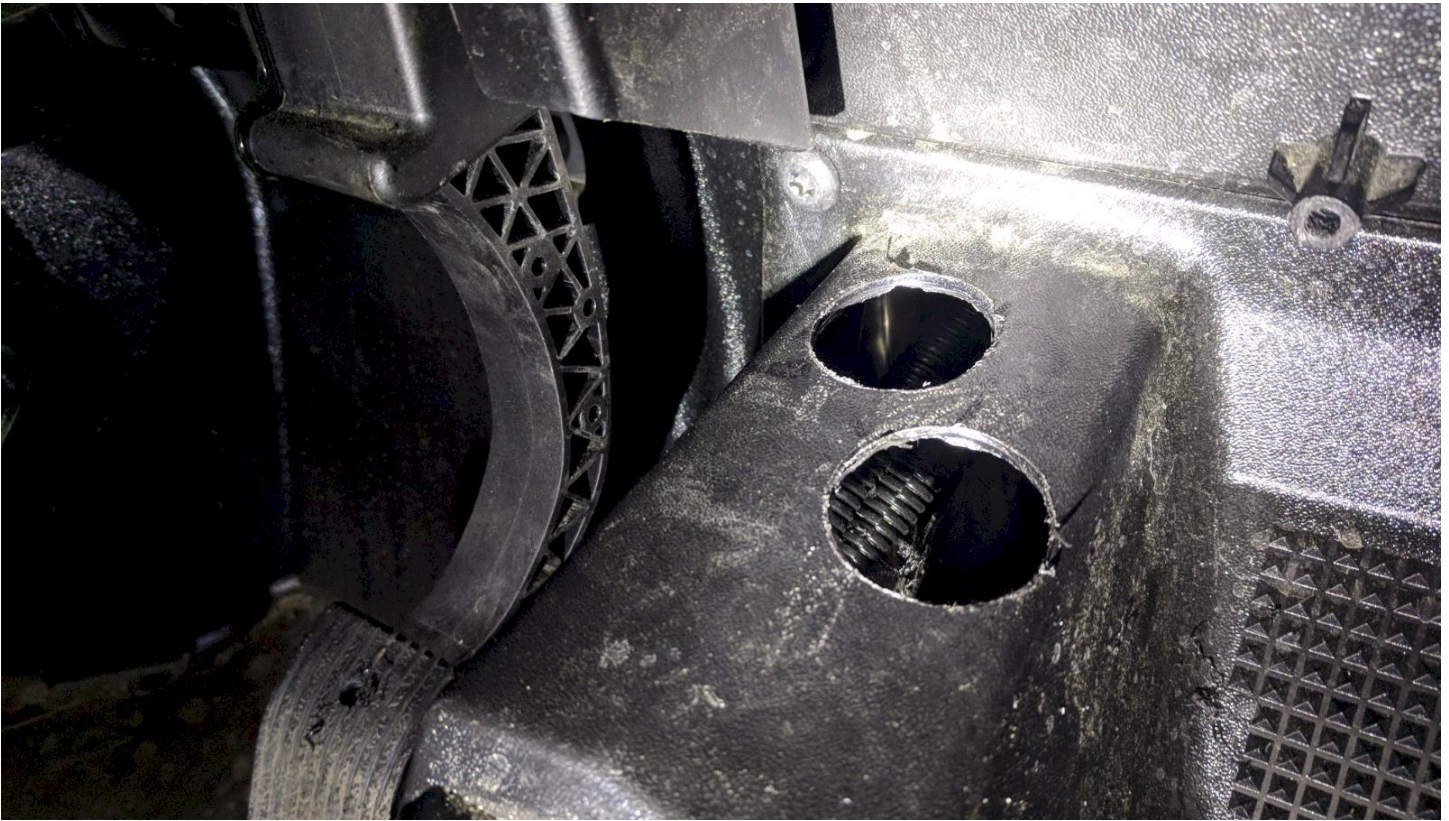


Figure 1



Figure 2a

19+ Polaris RZR XP1000 Ice Crusher Heater Install Instructions



Figure 2b

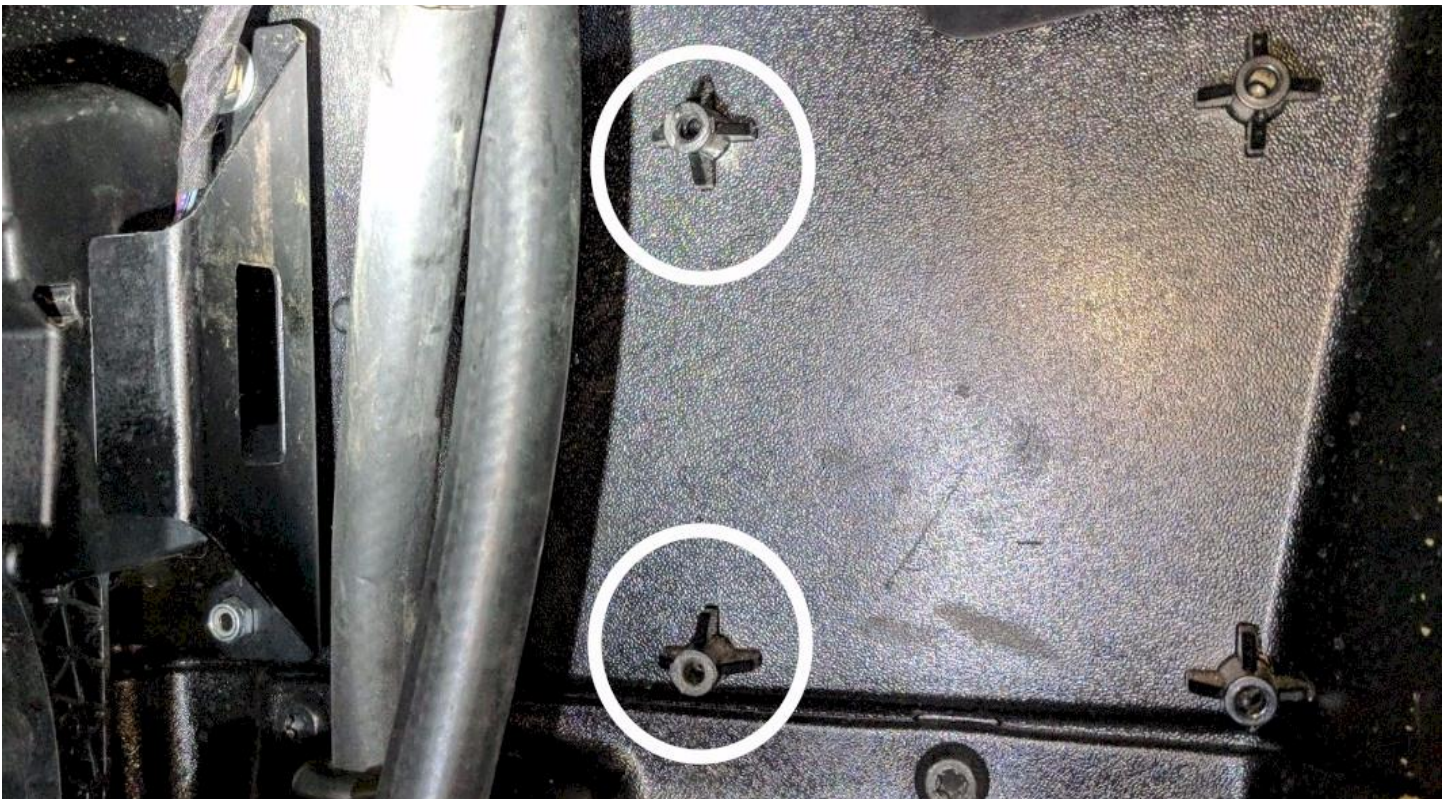


Figure 3

19+ Polaris RZR XP1000 Ice Crusher Heater Install Instructions

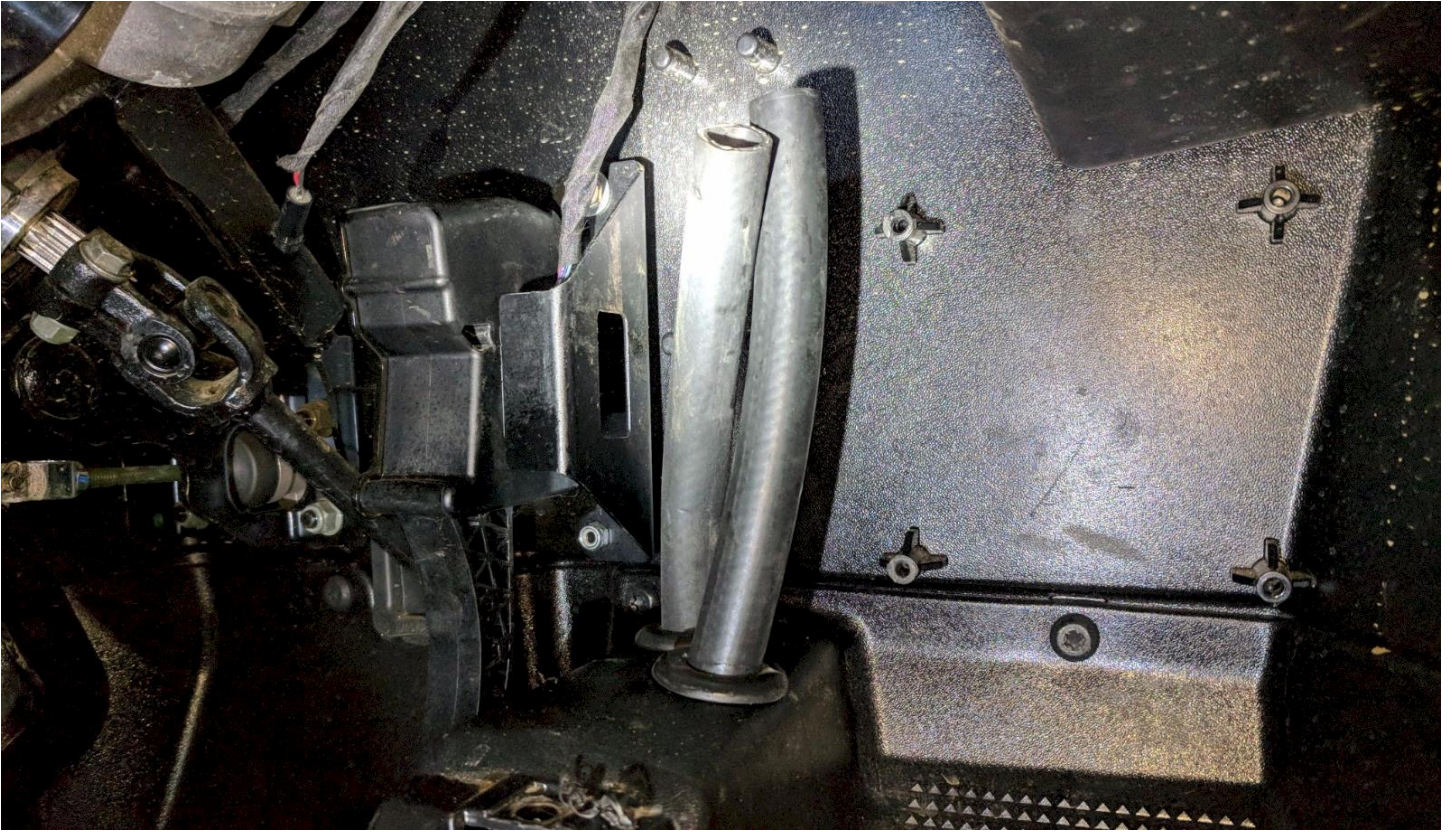


Figure 4

19+ Polaris RZR XP1000 Ice Crusher Heater Install Instructions



Figure 5a

19+ Polaris RZR XP1000 Ice Crusher Heater Install Instructions

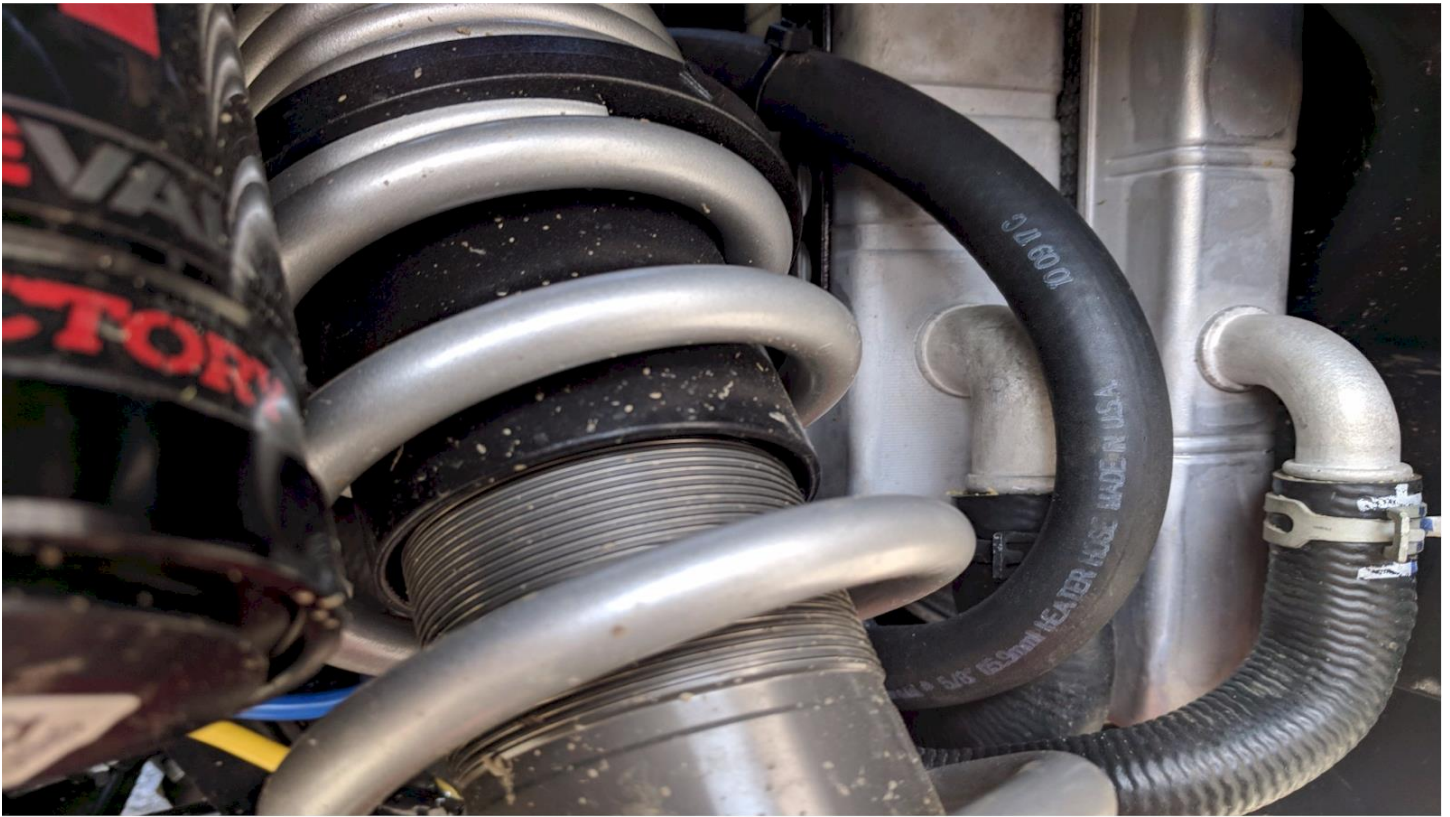


Figure 5b

19+ Polaris RZR XP1000 Ice Crusher Heater Install Instructions



Figure 6a

19+ Polaris RZR XP1000 Ice Crusher Heater Install Instructions



Figure 6b

19+ Polaris RZR XP1000 Ice Crusher Heater Install Instructions



Figure 6c



Figure 6d

19+ Polaris RZR XP1000 Ice Crusher Heater Install Instructions



Figure 7



Figure 8

19+ Polaris RZR XP1000 Ice Crusher Heater Install Instructions



Figure 9



Figure 9b

19+ Polaris RZR XP1000 Ice Crusher Heater Install Instructions



Figure 10



Figure 11

**Align Connector
Plugs Locating
Notches**

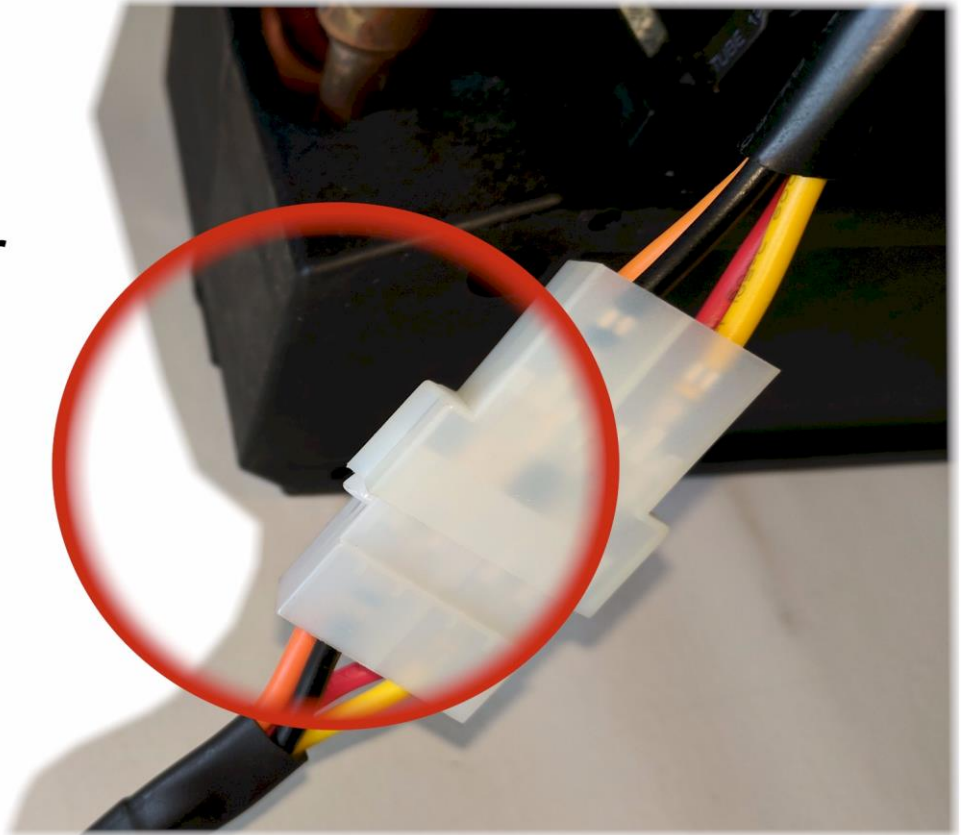


Figure 12a



Figure 12b

19+ Polaris RZR XP1000 Ice Crusher Heater Install Instructions

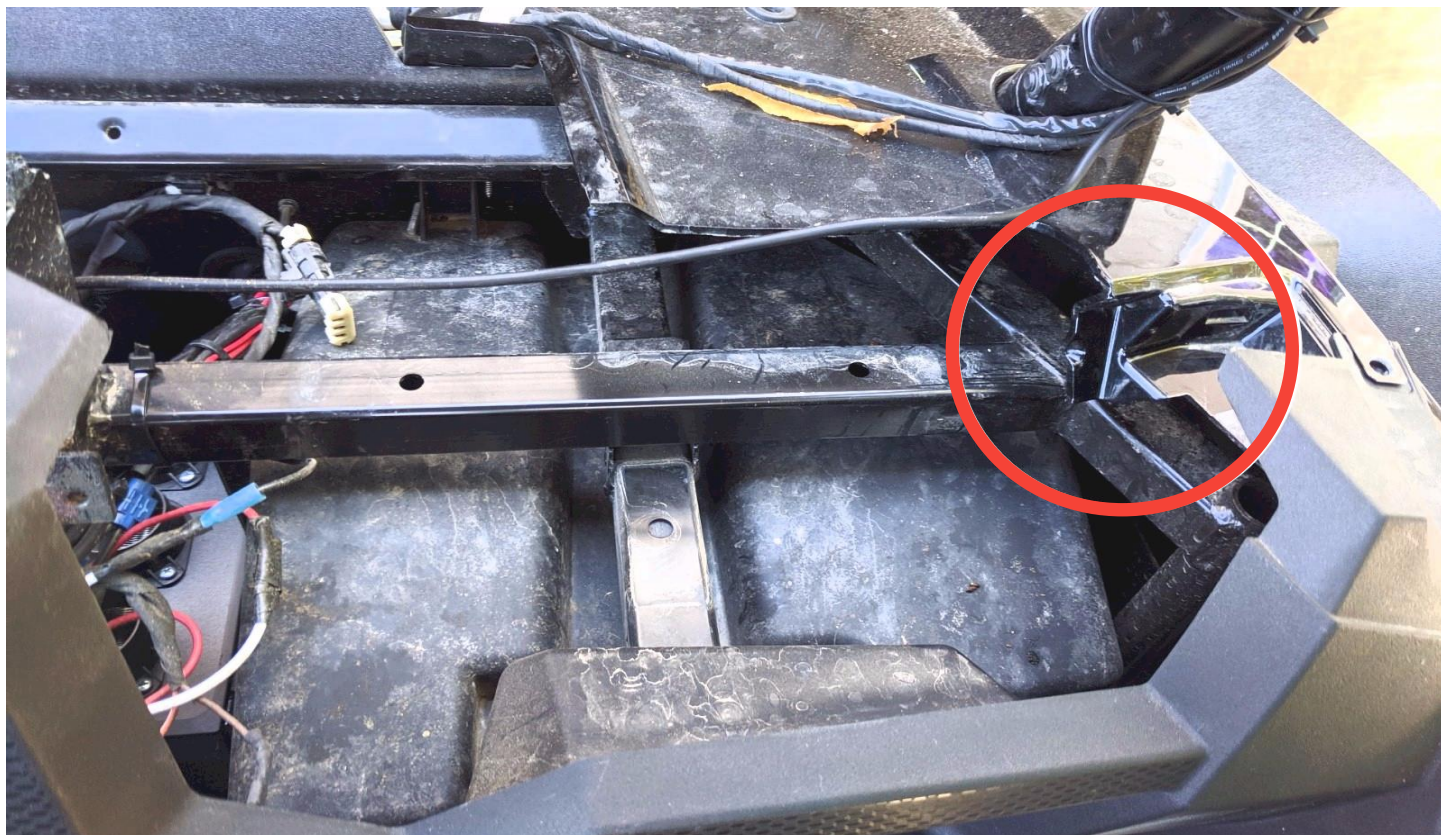


Figure 13a

19+ Polaris RZR XP1000 Ice Crusher Heater Install Instructions

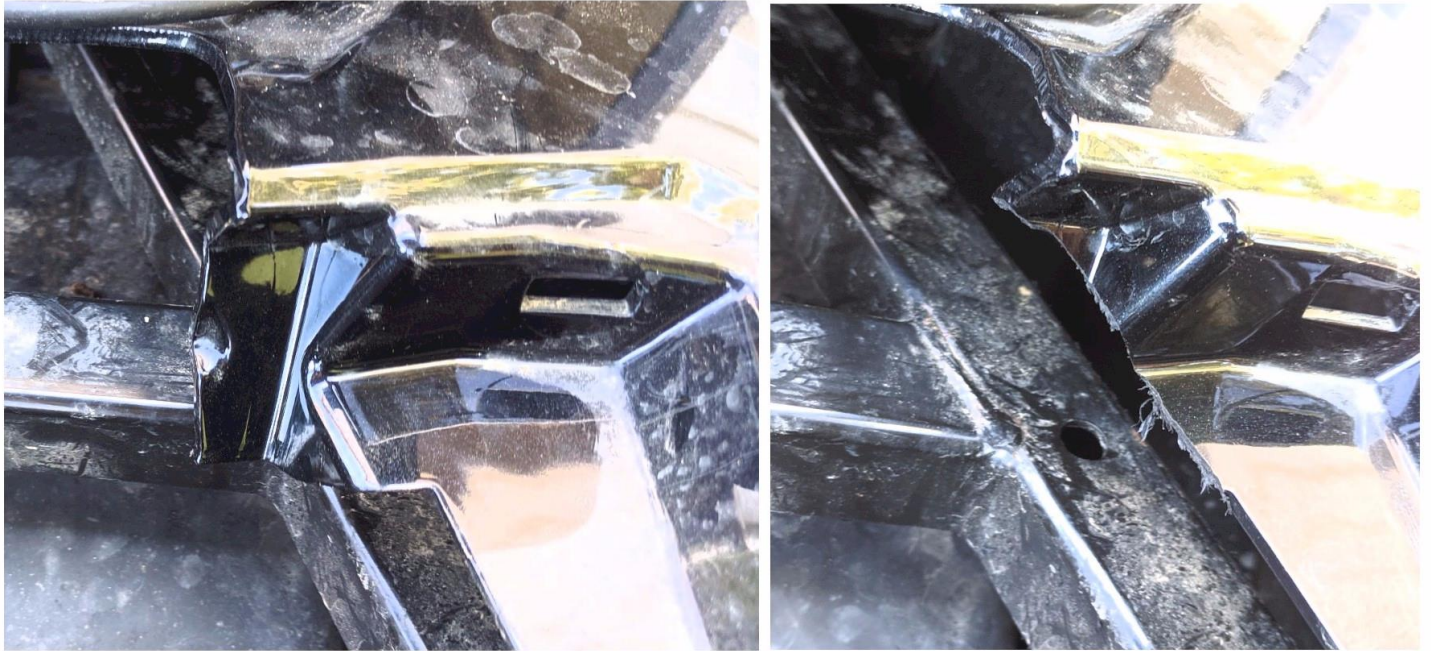


Figure 13b



Figure 13c

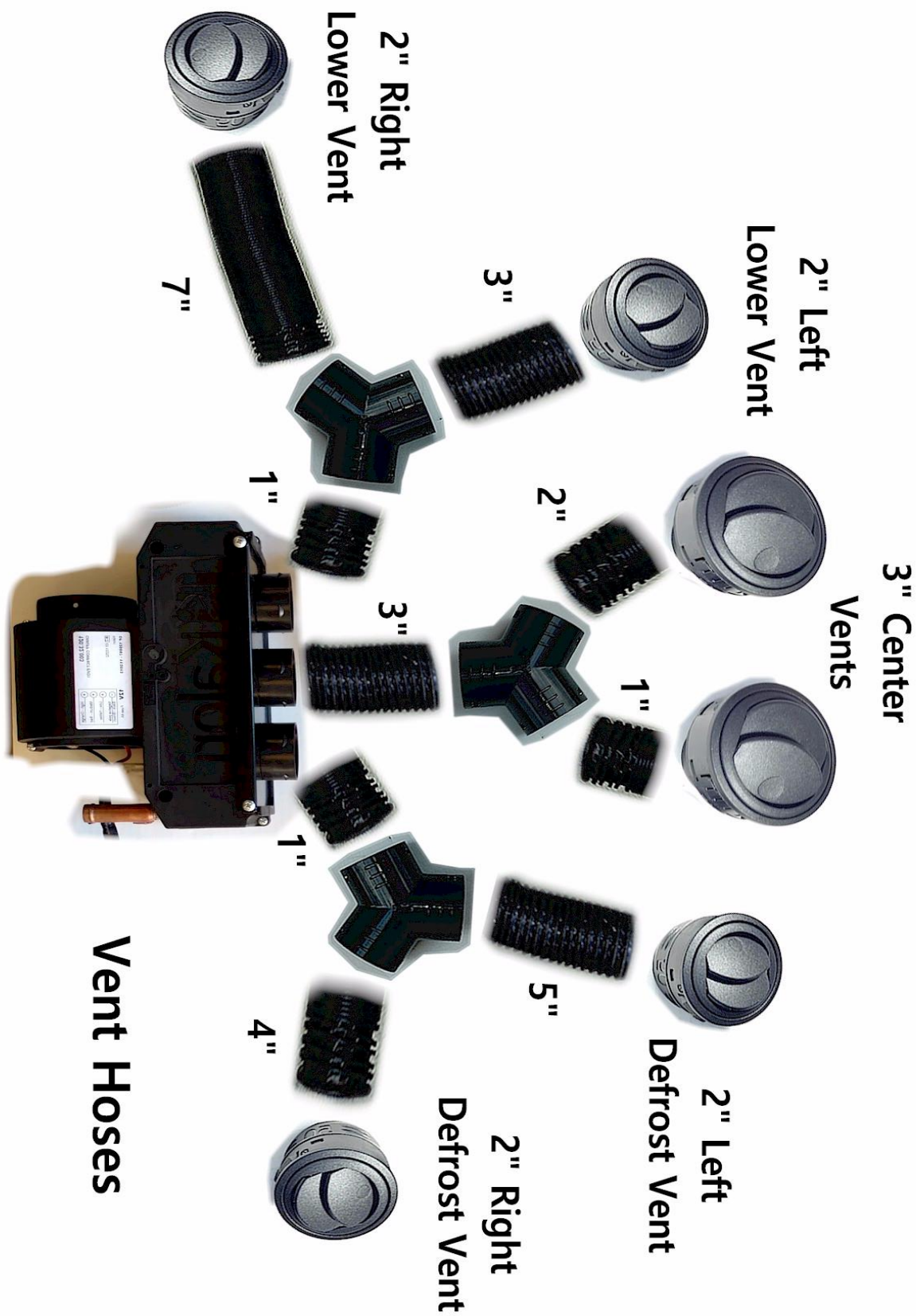


Figure 14

19+ Polaris RZR XP1000 Ice Crusher Heater Install Instructions

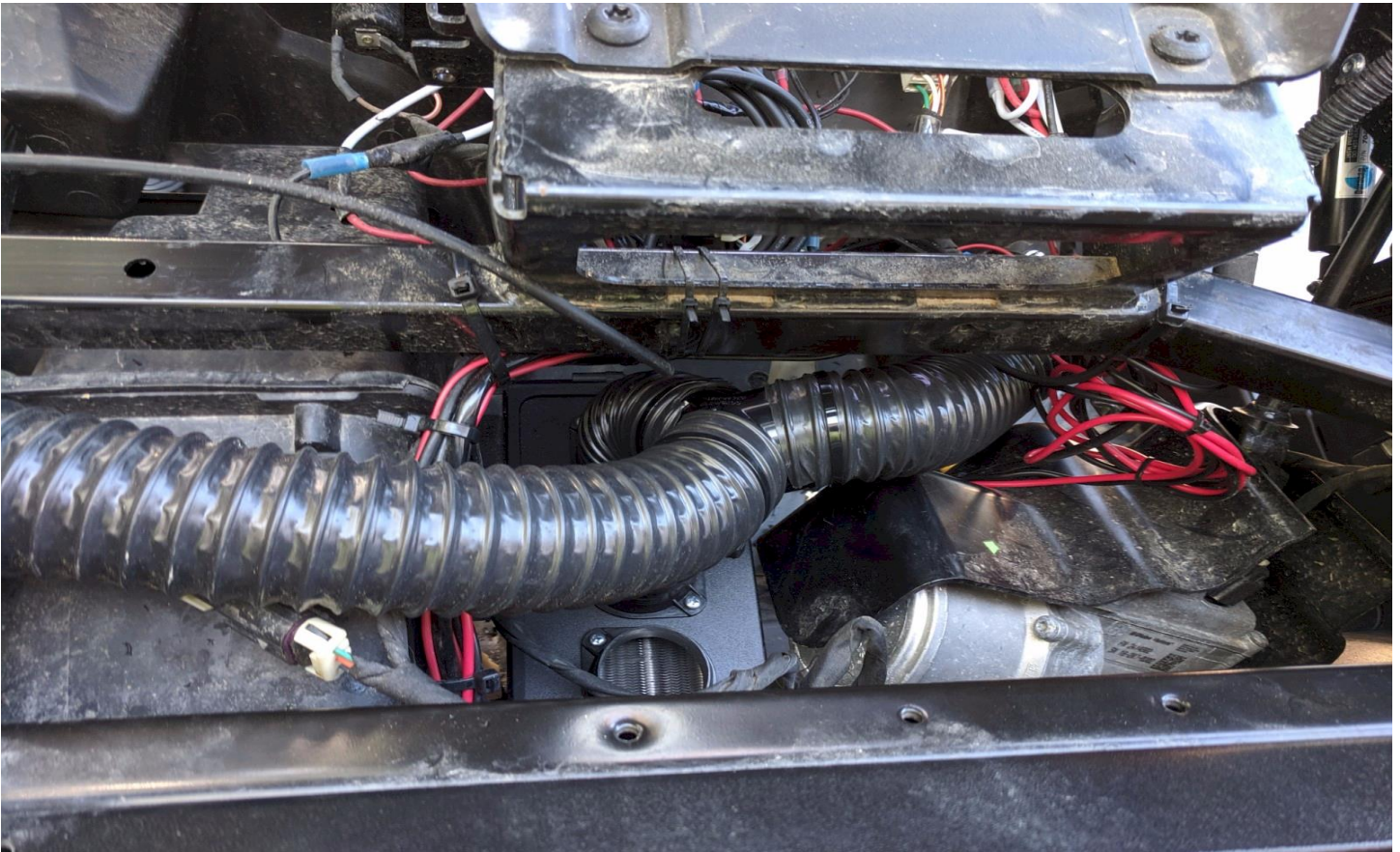


Figure 15a

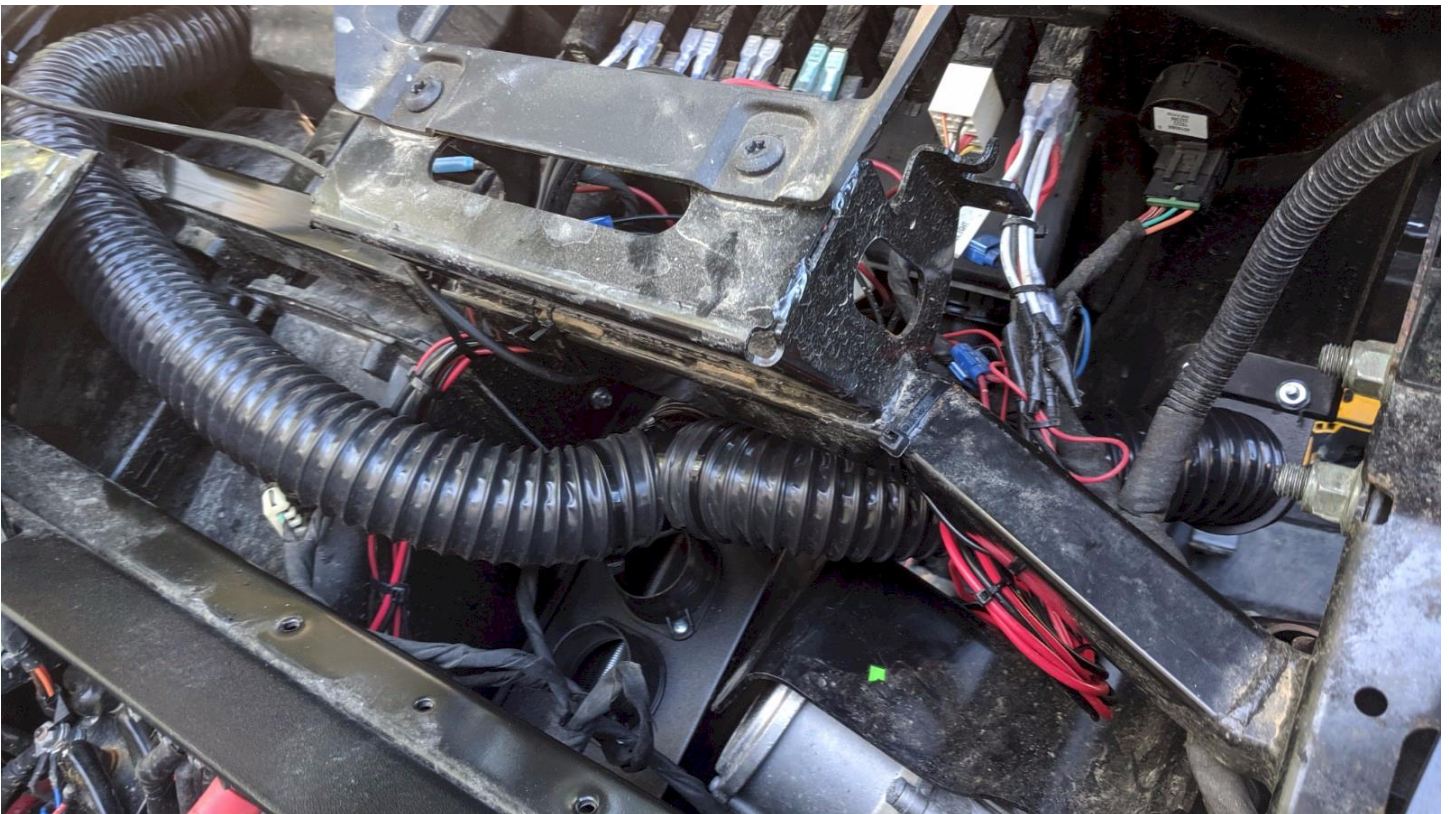


Figure 15b

19+ Polaris RZR XP1000 Ice Crusher Heater Install Instructions

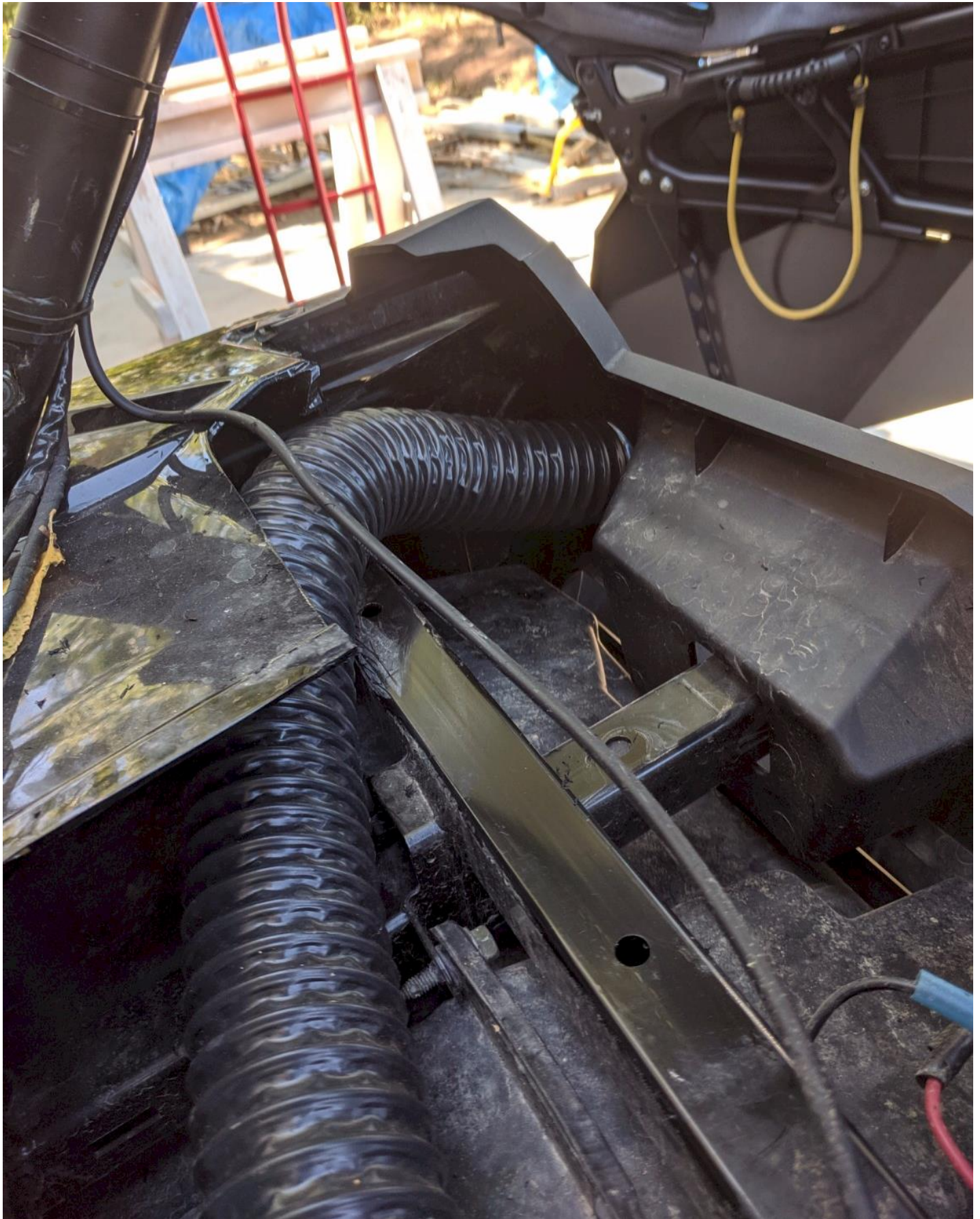


Figure 15c

19+ Polaris RZR XP1000 Ice Crusher Heater Install Instructions

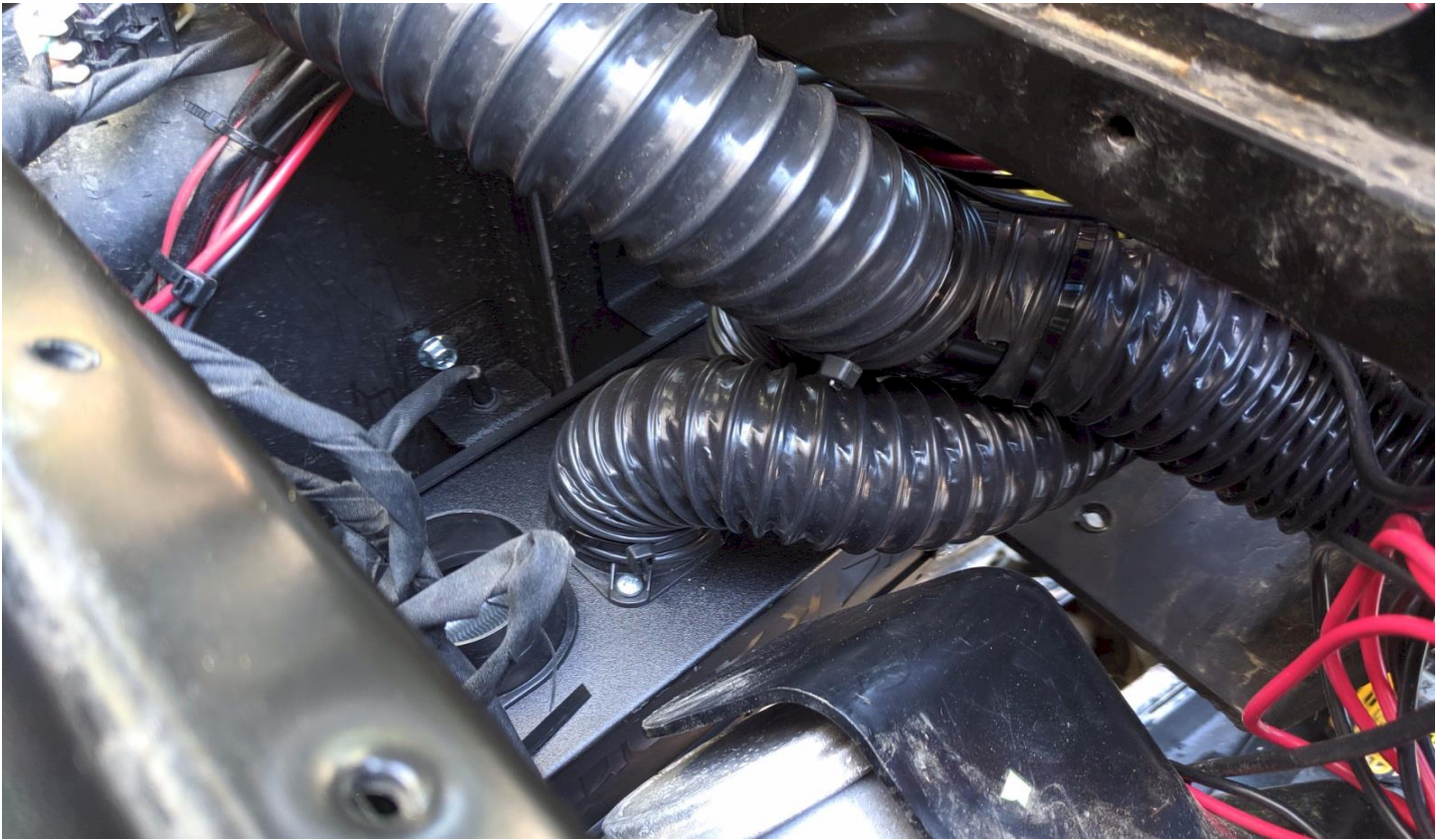


Figure 15d

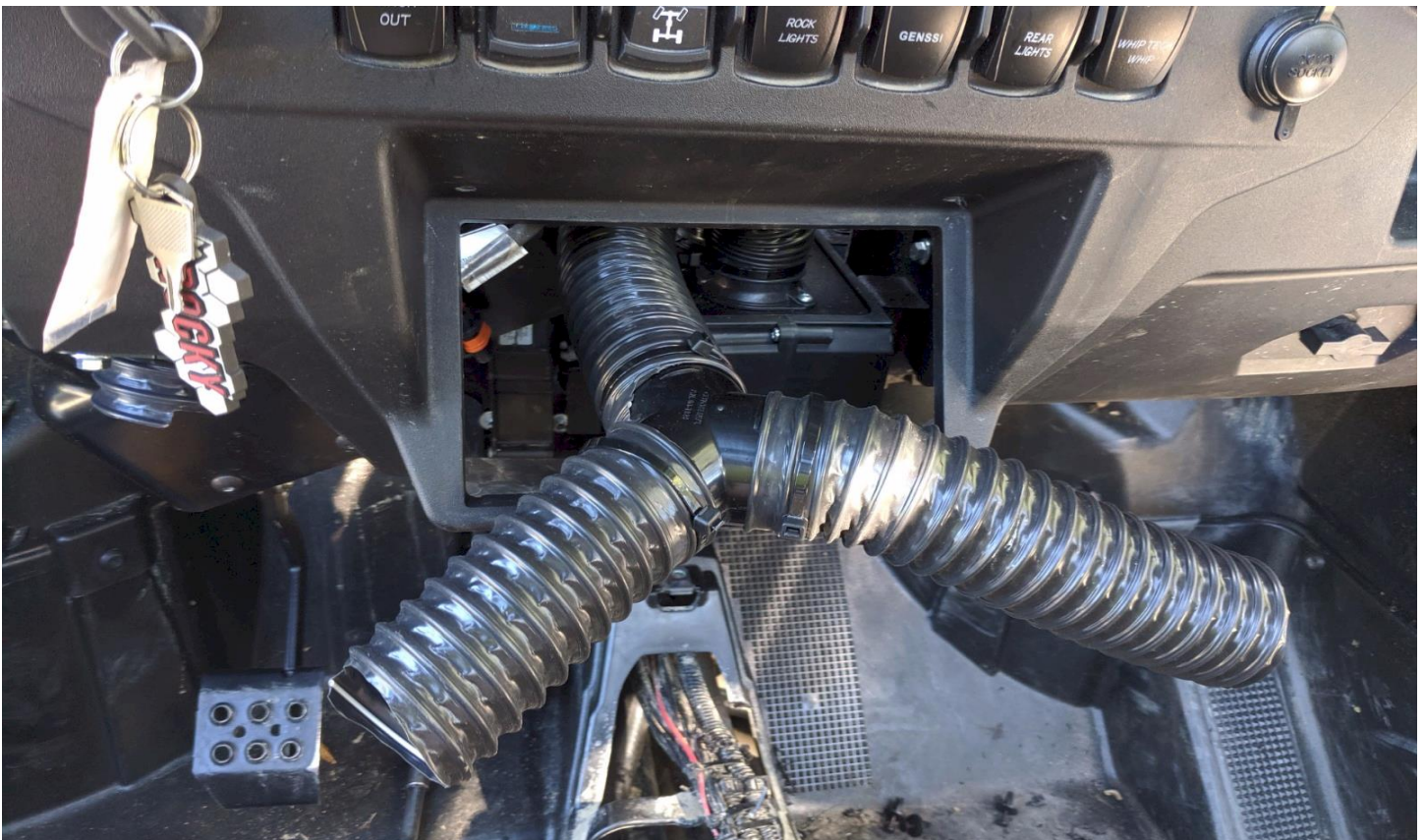


Figure 15e

19+ Polaris RZR XP1000 Ice Crusher Heater Install Instructions

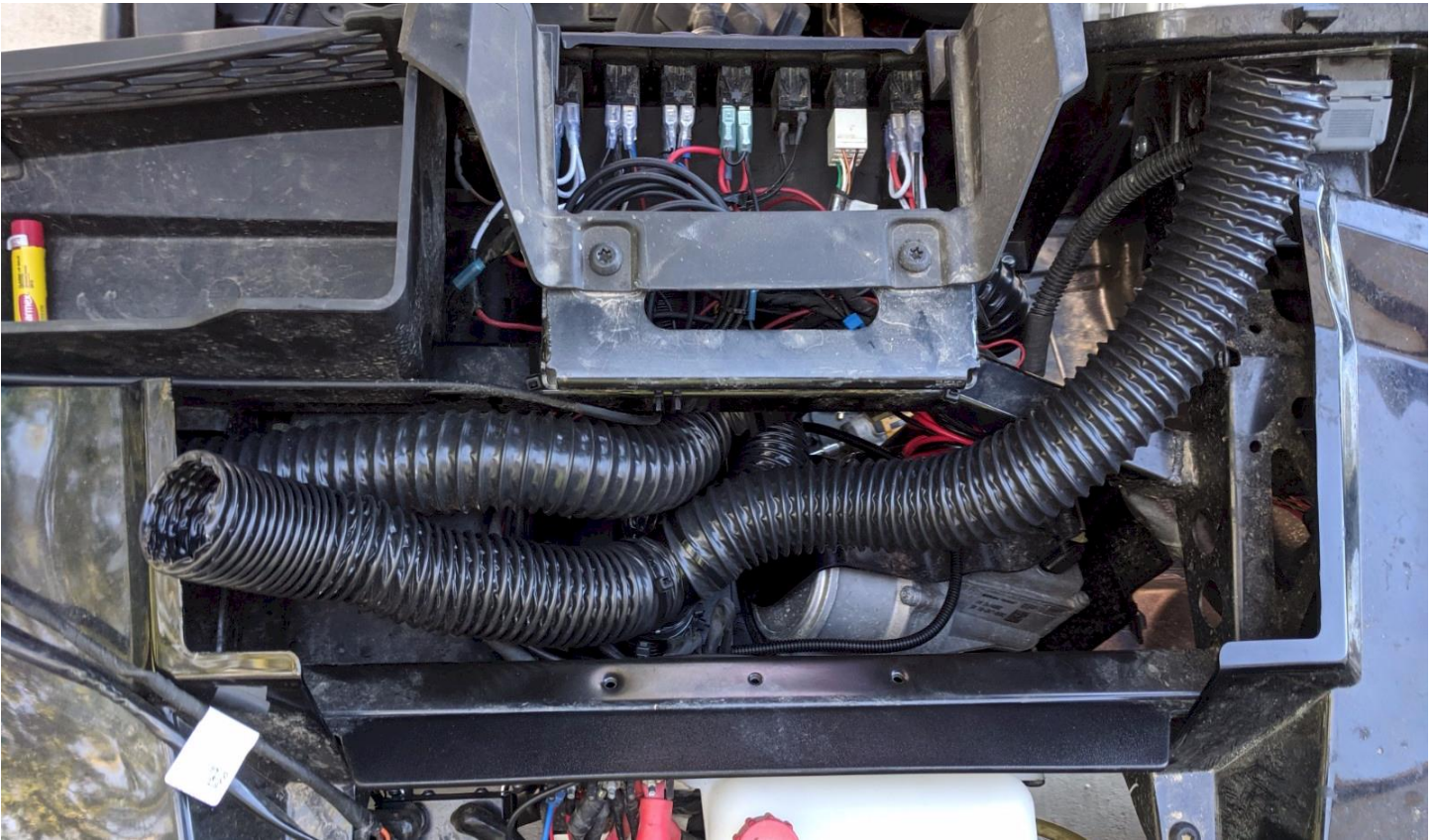


Figure 15f



Figure 16

19+ Polaris RZR XP1000 Ice Crusher Heater Install Instructions

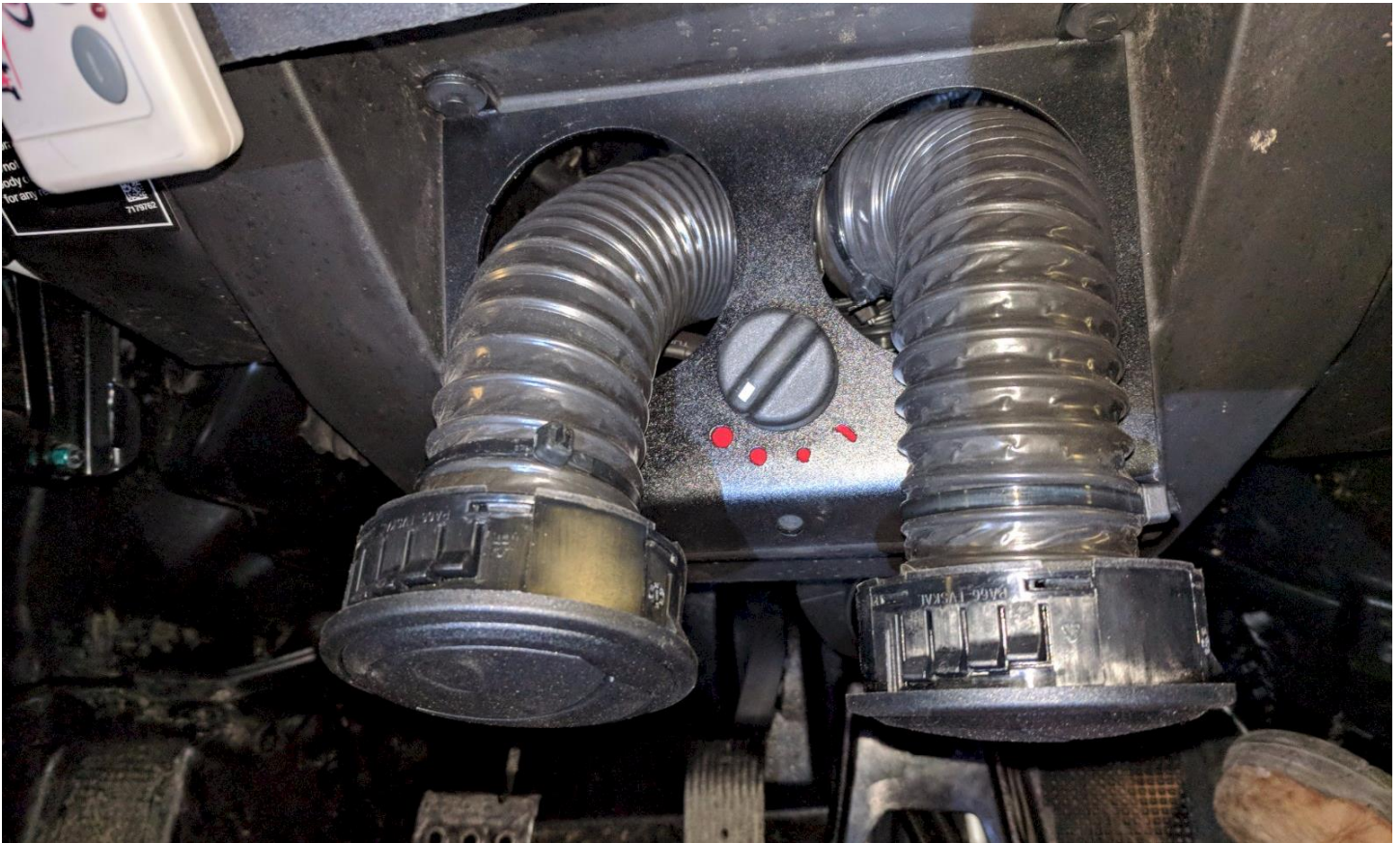


Figure 17a



Figure 17b

19+ Polaris RZR XP1000 Ice Crusher Heater Install Instructions



Figure 17c

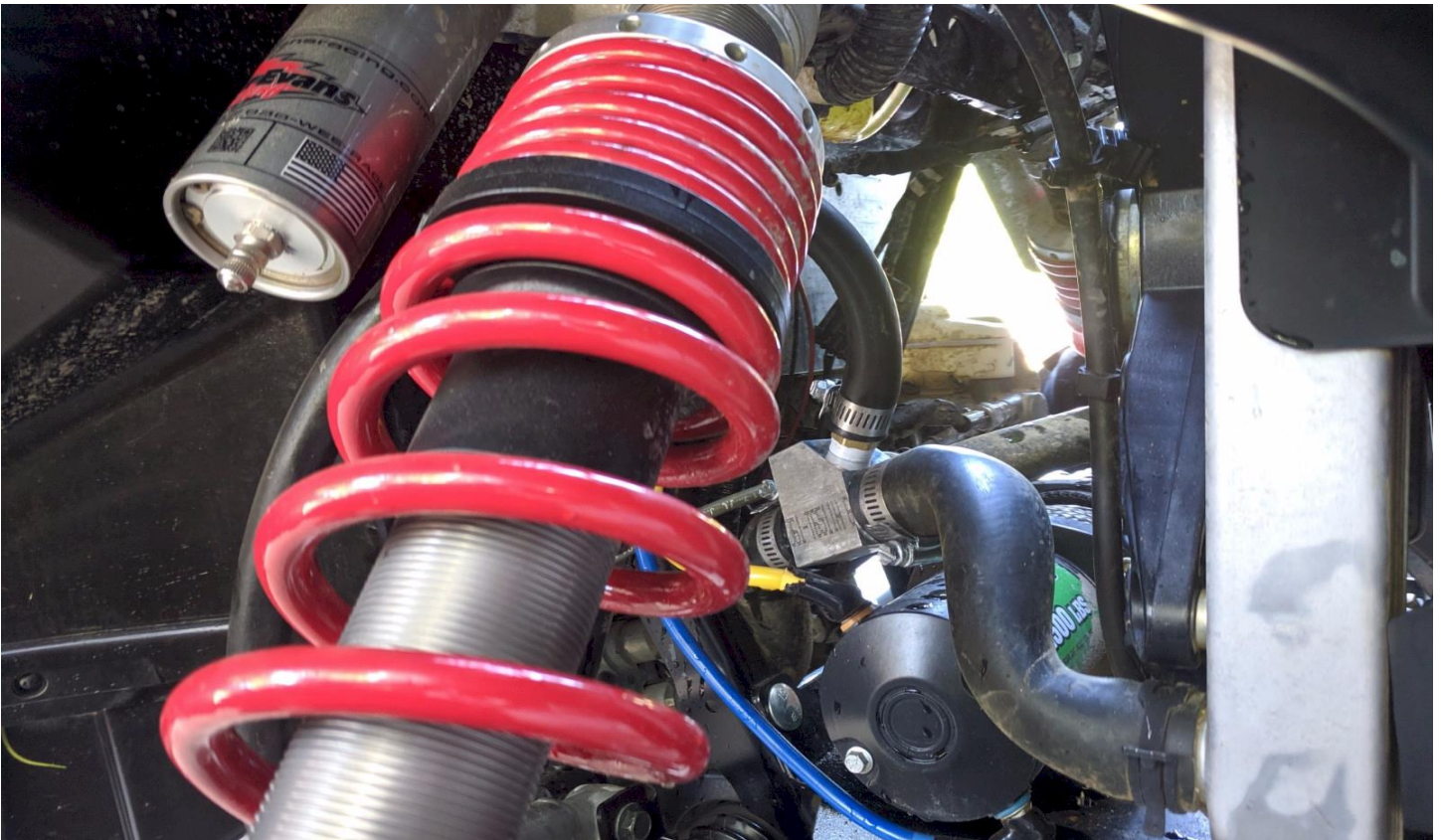


Figure 18a

19+ Polaris RZR XP1000 Ice Crusher Heater Install Instructions



Figure 18b

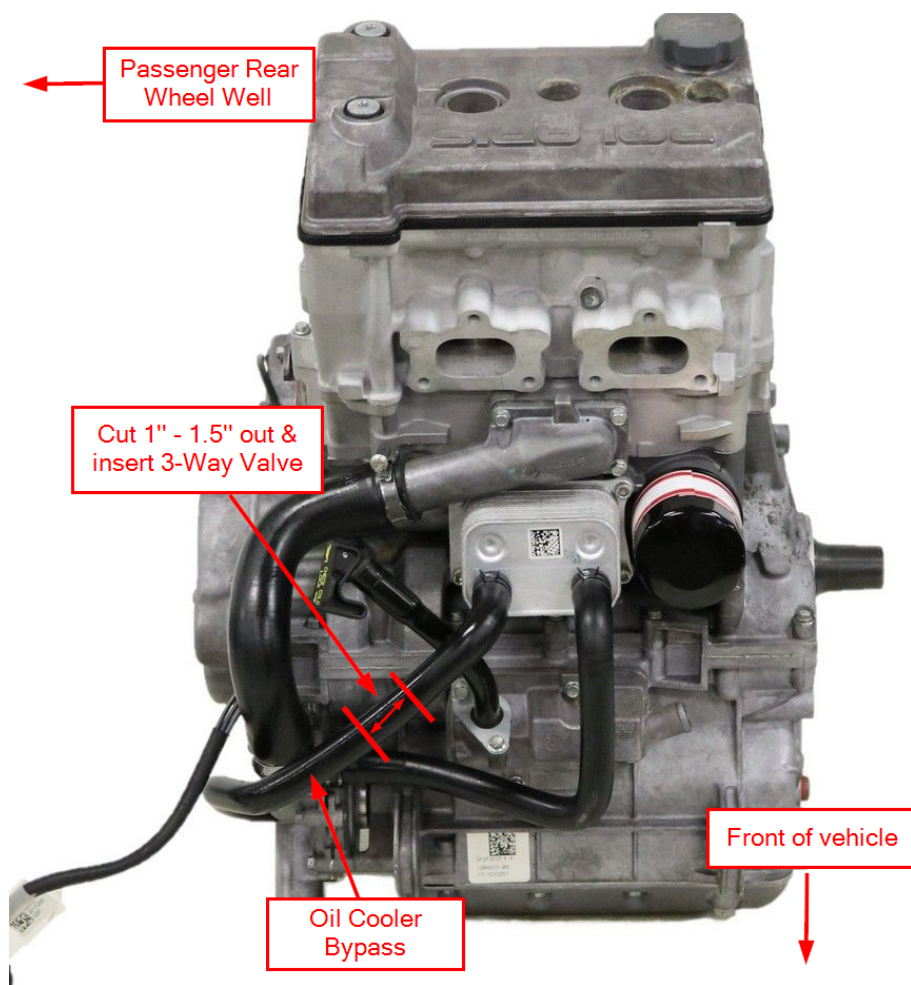


Figure 19

19+ Polaris RZR XP1000 Ice Crusher Heater Install Instructions

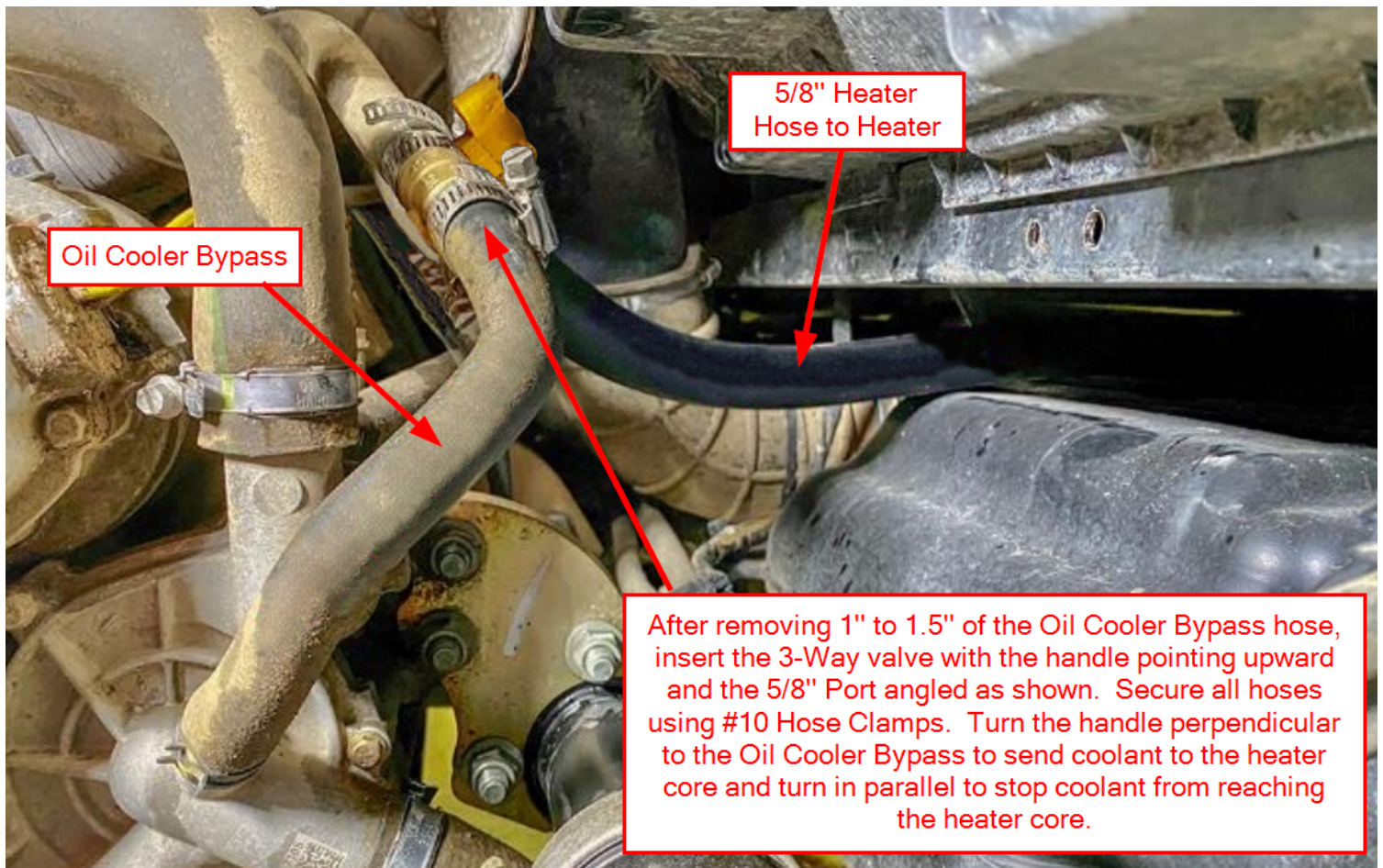


Figure 20

19+ Polaris RZR XP1000 Ice Crusher Heater Install Instructions

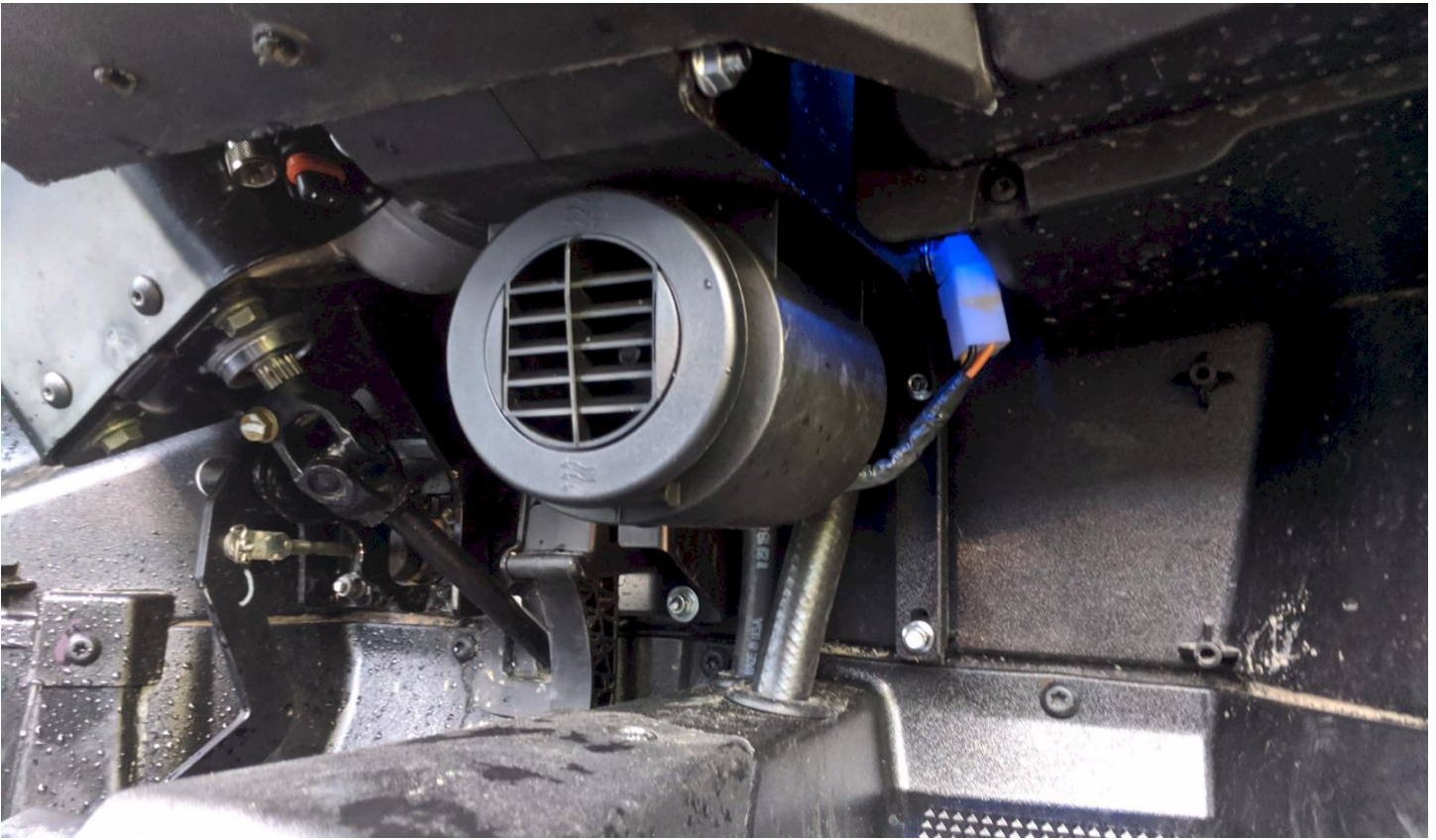


Figure 21

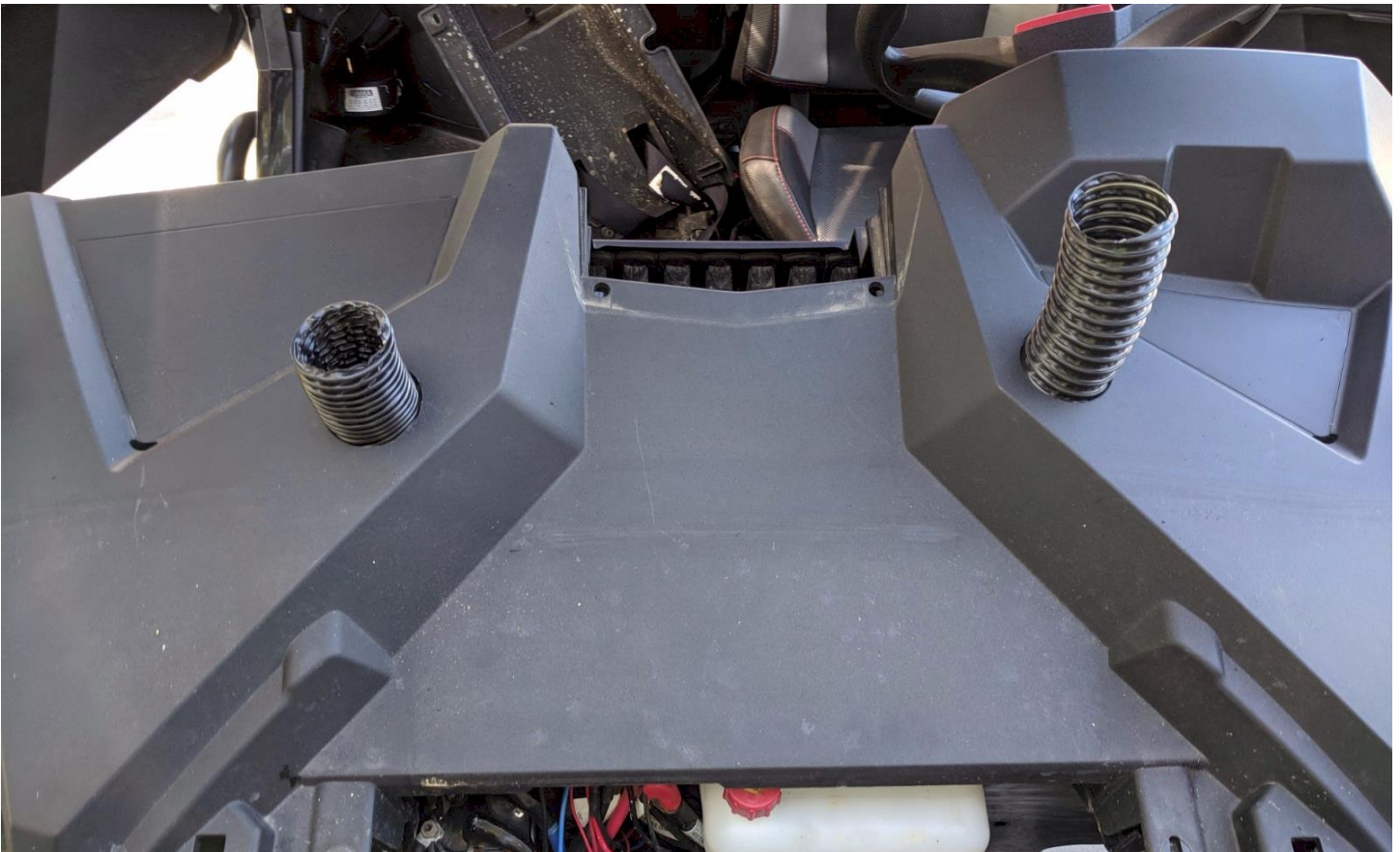


Figure 22a

ICCH-UD-C-POLRZR19

19+ Polaris RZR XP1000 Ice Crusher Heater Install Instructions



Figure 22b

19+ Polaris RZR XP1000 Ice Crusher Heater Install Instructions

HEATER WARRANTY – utvheaters.com

UTV Heaters.com Heater Warranty. 3 Year/36 Month Limited Warranty

UTV Heaters 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.

UTV Heaters obligation under this warranty are limited to repair of the product at UTV Heaters production facility, or the replacement of the product at UTV Heaters option and at UTV Heaters 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 UTV Heaters customer must contact UTV Heaters 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 UTV Heaters 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. UTV Heaters will not be liable for any damages sustained in transport due to improper packaging or handling. The acceptance by UTV Heaters 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 UTV Heaters only express warranty of this product. We reserve the right to make changes to products and policy that are in the best interest of UTV Heaters. No implied warranty shall extend beyond One (1) or Three (3) year period from the date of the original consumer (end user) purchase. UTV Heaters 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.

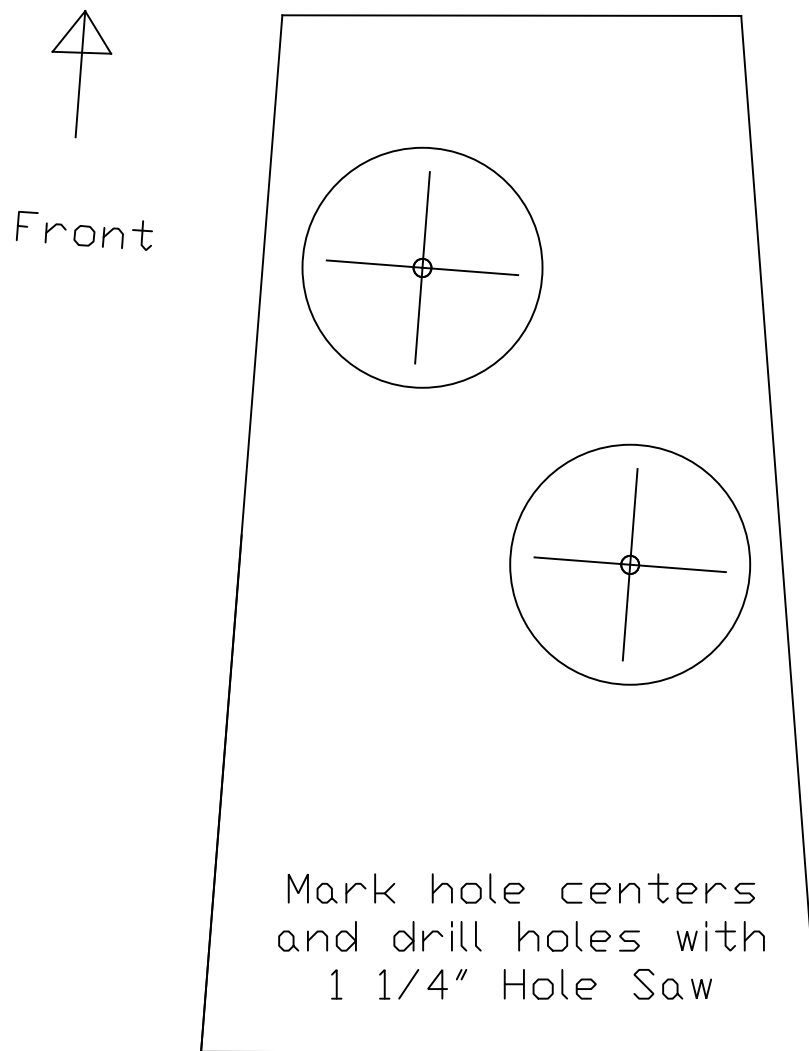
After receiving a Return Authorization Number send defective product to:

Ice Crusher Heaters

23001 Industrial Blvd

Rogers, MN, 55374

888-964-0135

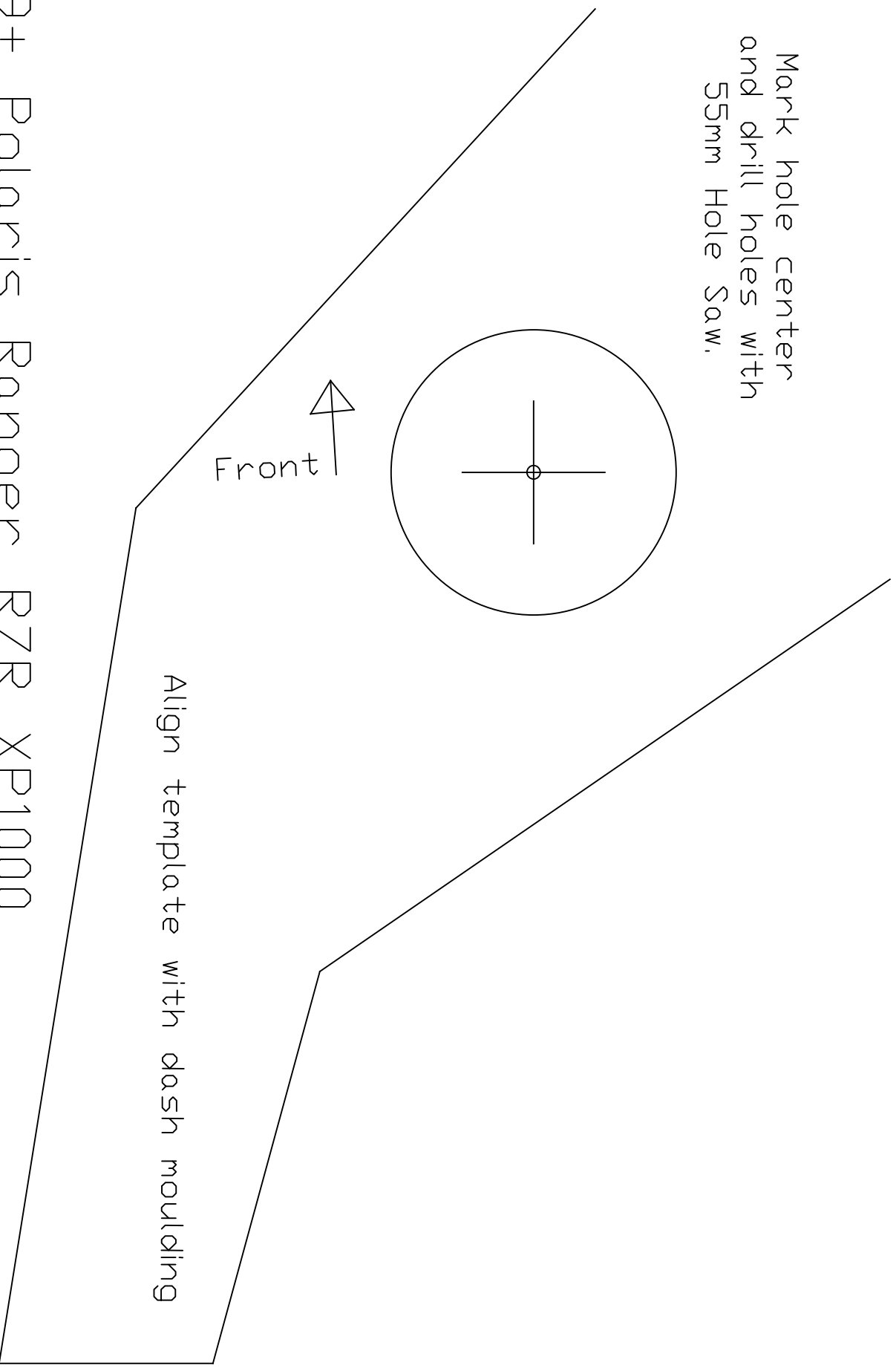


Align template with driveshaft tunnel
moulding as shown in Figure 1

19+ Polaris Ranger RZR Hose Hole Template

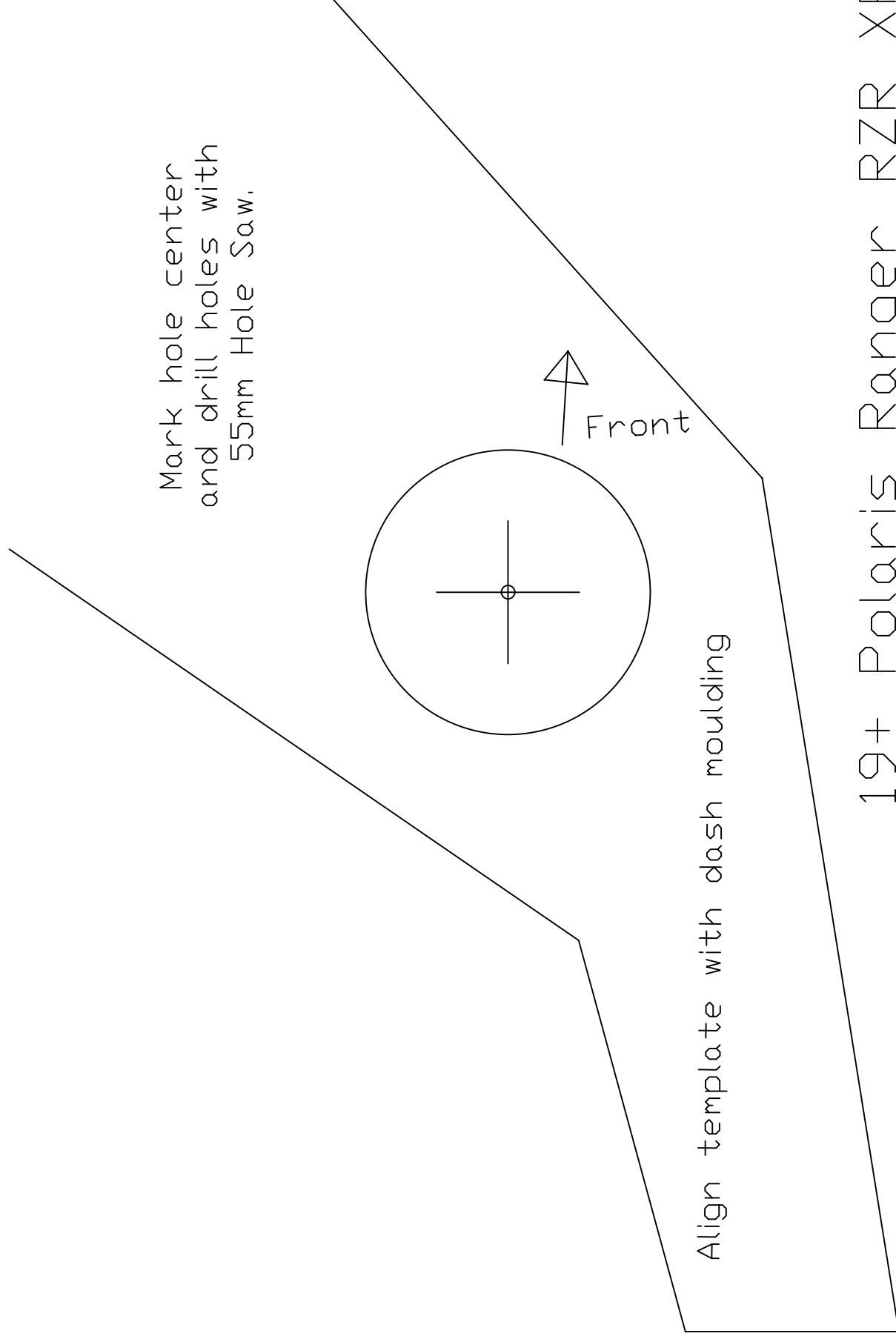
Please note: Before drilling any holes check area
behind firewall/dash panels to make sure no
damage or interference with equipment will occur by
drilling holes and fitting of vents.

Mark hole center
and drill holes with
55mm Hole Saw.



19+ Polaris Ranger RZR XP1000 Defrost Vent Template Left

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.



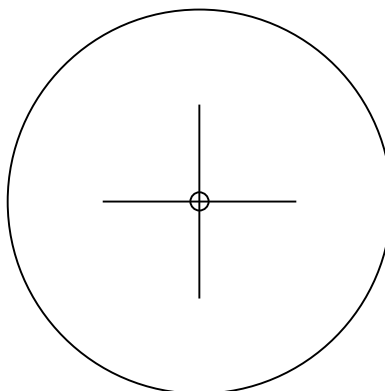
19+ Polaris Ranger RZR XP1000 Defrost Vent Template Right

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.

19+ Polaris Ranger RZR XP1000 Right Dash Vent Template

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.

Align template with dash moulding



Mark hole center
and drill holes with
55mm Hole Saw.