

17+Honda Pioneer 700 Heater Kit Deluxe

ICCH-UH-C-HONP700D

- 1x 3" Hole Saw
- 1x 55mm Hole Saw
- 1x Hole Saw Arbor
- 4x #16 Hose Clamps



- 6x #10 Hose Clamps



- 1x Blower Switch
- 1x - Teflon Tape
- 2x 7/16" Washer



- 2x 5/16-18x5" Bolts
- 2x 5/16x18 Nuts
- 4x #8x1/2" Screws



- 4x 1/4x3/4" Self Drilling Screws
- 1x Round Bezel
- 1x Switch Nut
- 1x #1 Knob

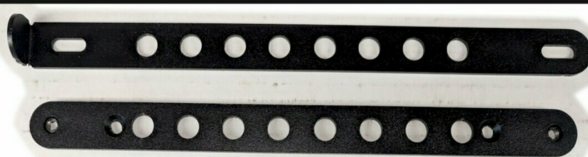


4f of 5/8 Heater Hose



1x Pre-made Power Loom

- 2 pcs Slide Vent



- 2x #6 x 5/8 Counter Sunk Screws
- 2x #10 x 3/4 SS Screws
- 2x #10 Nylock Nuts
- 2x #10 Nylon Washers



Slide Vent Kit (Straight)

- 1x 1/4" Eye Terminal
- 1x Quick Connectors



- 2x 7/8" Y Fittings



- 2x 5/8" Barb Fittings



- 1x 5/8 Shut Off Valve



20x 11" Cable Ties



2x 15" Cable Ties



1005P

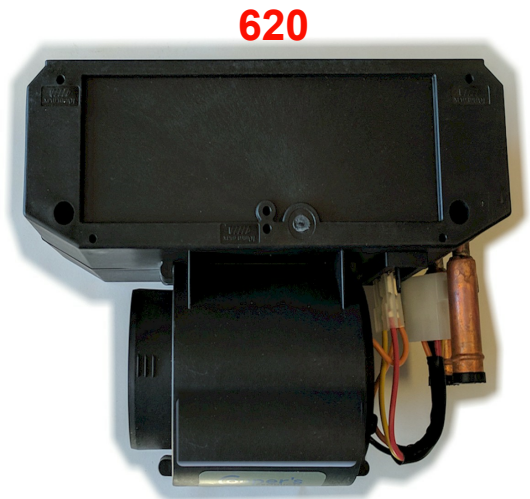
Plastic Face Plate with Ports



1103

IC-HONP7DUHMBC

1x Heater Mounting Bracket



620

1x Compact
Heater Unit



602

601

1x 3" Grille
and Connector



613

1x Defrost
Vent



507

5" 3" Duct Hose
(compressed)



503

3x 2" Y's



502

2x 3" Vents



501

2x 2" Vents



505

15" 2" Duct Hose
(compressed)

Honda Pioneer 700 Deluxe with Power Steering Amendment



Please read all instructions before beginning installation. When working on cooling systems always allow the vehicle to cool to avoid being burned or scalded by hot coolant. Always disconnect vehicle's negative battery lead before working on electrical systems. This kit is reasonably complex to install. Competent mechanical skills are required.

Heater Kit amendment for Honda Pioneer 700 deluxe with power steering.

New heater mounting position as shown in Figures 1 and 2.

Heater hose routing will differ shown in Figure 3 and does not require the drilling of holes for fitting of grommets. Trim plastic as required to route the heater hoses.

Install switch on the opposite side of the dash panel shown in Figure 4

Honda Pioneer 700 Deluxe with Power Steering Amendment



Figure 1



Figure 2

Honda Pioneer 700 Deluxe with Power Steering Amendment



Figure 3

Honda Pioneer 700 Deluxe with Power Steering Amendment



Figure 4

New Sliding Defrost Vent supplied in this kit.

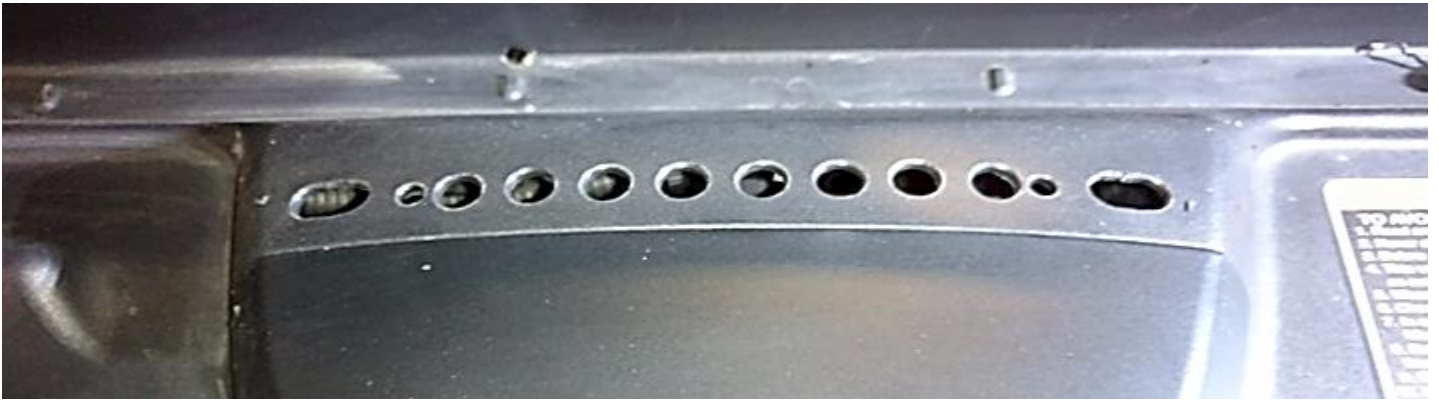


Figure 1



Figure 2



Figure 3

Position the supplied sliding vent template on dash, mark out hole centers and drill as shown on the template. Hold defrost vent into position under the dash using a helper. Fit lower vent base into position, using supplied #8 screws pass through the base and dash into the matching holes in the defrost vent, tighten screws. Fit top vent plate over base, fit plastic washers over supplied #10 screws, install screws through the top vent and into the base. Tighten screws until the top plate slides nicely over the base. Install Nylock nuts to secure the #10 screws.

Honda Pioneer 700 Under Hood Ice Crusher Heater Kit.



Please read all instructions before beginning installation. When working on cooling systems always allow the vehicle to cool to avoid being burned or scalded by hot coolant. Always disconnect vehicle's negative battery lead before working on electrical systems. This kit is reasonably complex to install. Competent mechanical skills are required.

Remove hood.

Please Note: *Before drilling* any holes check area behind firewall/dash panels to make sure no damage will occur by drilling holes or that no part will interfere with the installing of vents. There may be interference issues due to a manufacturer's changes in design.

Using the supplied vent templates mark out hole centers, drill vent holes using supplied hole saws as stated on the templates and as shown in Figures 1, 2 and 3. **Tip:** Use a knife to remove burrs and chamfer from the drilled holes to help with fitting of the vents.

Honda Pioneer 700 Under Hood Ice Crusher Heater Kit.

Using supplied defrost template mark and drill vent hole using a 3/8 drill as shown in Figure 4.

Cut a 3" length of the 2" duct hoses (lengths measured with the duct hose in its compressed state, measure and cut accordingly) Make up defrost hose assembly using supplied defrost vent as shown in Figure 5. Fit defrost vent in behind dash and attach using supplied defrost plate and #6x3/4 screws as shown in Figure 6.

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.

Using the supplied heater hose template mark out hole centers, drill holes using supplied 1 1/4 hole saw as stated on the template and as shown in Figure 7. Fit supplied 1 1/4 grommets to the drilled holes.

Fit 3" fitting and secure using four of the supplied #8 x 1/2" screws. Clip into place 3" intake grille as shown in Figure 8.

Using Figure 9 as a guide cut duct hoses to length (lengths measured with the duct hose in its compressed state, measure and cut accordingly) Make up hoses assemblies using supplied Y connectors as shown in Figure 9.

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.

Note: If not using defrost vents in the cup holder holes route two duct hoses from the heater to the center vents.

Route all the 2" duct hose from vent positions to the center of the UTV. Stretch hose as you route the hose to ensure you have enough hose to complete the installation as shown in Figure 10. Pull 2" duct hoses through the drilled vent holes, attach the correct size vent to the duct hoses. Use cable ties around all duct hose connections. Clip Vents into position as shown in Figures 11-13.

Using Figure 14 a guide route 3" duct hose from 3" intake grille fitting to the center of the UTV as shown. Stretch hose as you route the hose to ensure you have enough hose to complete the installation. Use the supplied 15" cable tie around the duct hose connection.

Use supplied switch template to mark the position of the hole centers as shown in Figure 16. Drill holes to sizes stated on the template.

Move heater into position as shown in Figure 17, attach duct hoses to the 50mm connectors on heater. Use cable ties around all duct hose connections. Attach 3" duct hoses to the Intake connector on heater. Use the supplied 15" cable tie around the intake duct hose connection as shown in Figure

17.

Route the heater switch wiring and switch to switch mounting hole. Install switch, switch bezel, 7/16 washer and switch nut. Carefully align the locating tabs on the switch bezel with the small drilled holes. Tighten nut and fit knob.

Honda Pioneer 700 Under Hood Ice Crusher Heater Kit.

Pass the ends of the supplied 5/8 heater hose through the grommets in the drilled heater hose holes, do not cut hose to do this. **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. Take supplied 5/8" heater hose and attach both ends to the heater fittings, secure with supplied #10 hose clamps as shown in Figure 18. **Please Note:** Be sure to remove factory shipping plugs from heater fittings if so fitted.

Make up heater power looms with the supplied terminals, fit the crimp terminals on the red loom and one on the black wire. Fit 1/4" crimp ring terminal to the black wire. Route heater red power wiring loom up in behind the dash to the Aux. Power plug. Use quick connector to attach to the positive wire of the Aux. Power plug (white/black) with the red heater power wire. Connect looms to the heater power connector.

Remove the two bolts that secure the body plastic to the UTV frame in front of the heater. Slide the heater mounting bracket between the plastic and the frame, refit bolts, do not tighten. Attach the heater to the heater mounting bracket to heater as shown in Figure 19 using supplied 5/16"x5" bolts, 5/16 nuts and #10x1/2 screws. Use the supplied 1/4"x3/4" self drilling screws to attach the center of the bracket to the UTV's frame. Fit the black wiring loom 1/4" ring terminal under the supplied 1/4"x3/4" self drilling screw as shown in Figure 20.

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

Before cutting any hose, be sure that the placement of the Y connector will not interfere with any part of the vehicle.

Locate the lower radiator hose at the front of the UTV, cut radiator hose as shown in Figure 21 removing approximately a 1" to 1.5" section of the hose. Insert the Y connector exactly in the radiator hose as shown in Figures 21, 23 and 24.

Locate the upper radiator hose under engine cover of the UTV, cut radiator hose as shown in Figure 22 removing approximately a 1" to 1.5" section of the hose. Insert the Y connector exactly in the radiator hose as shown in Figures 22, 23 and 24.

Route one of the heater hoses over to Y connector in lower radiator hose. Cut heater hose to length. Route the remaining heater hose up to the Y connector upper radiator hose. Cut heater hose to length. **Please Note:** Make sure all hoses are as far away as possible from driveshaft, steering shaft, sharp objects and the exhaust system, etc. Use supplied cable ties as necessary to secure hoses. **Please Note:** Before connecting the hoses to the Y connectors, take a garden hose and run water through the heater hose and heater assembly. 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 clamps.

Install the supplied shut off valve in a convenient position in the heater hose from the upper radiator hose.

Honda Pioneer 700 Under Hood Ice Crusher Heater Kit.

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.



Included in your Ice Crusher Heater Kit are our custom CNC made aluminum Y fittings. These Y fittings install into the UTV's cooling system as shown in the installation instructions. To assemble simply use Teflon sealing tape or pipe thread sealer on the supplied 5/8" brass fittings threads, thread into the Y fitting and tighten. Do not over tighten 5/8" brass fitting

Honda Pioneer 700 Under Hood Ice Crusher Heater Kit.



Figure 1



Figure 2

Honda Pioneer 700 Under Hood Ice Crusher Heater Kit.



Figure 3

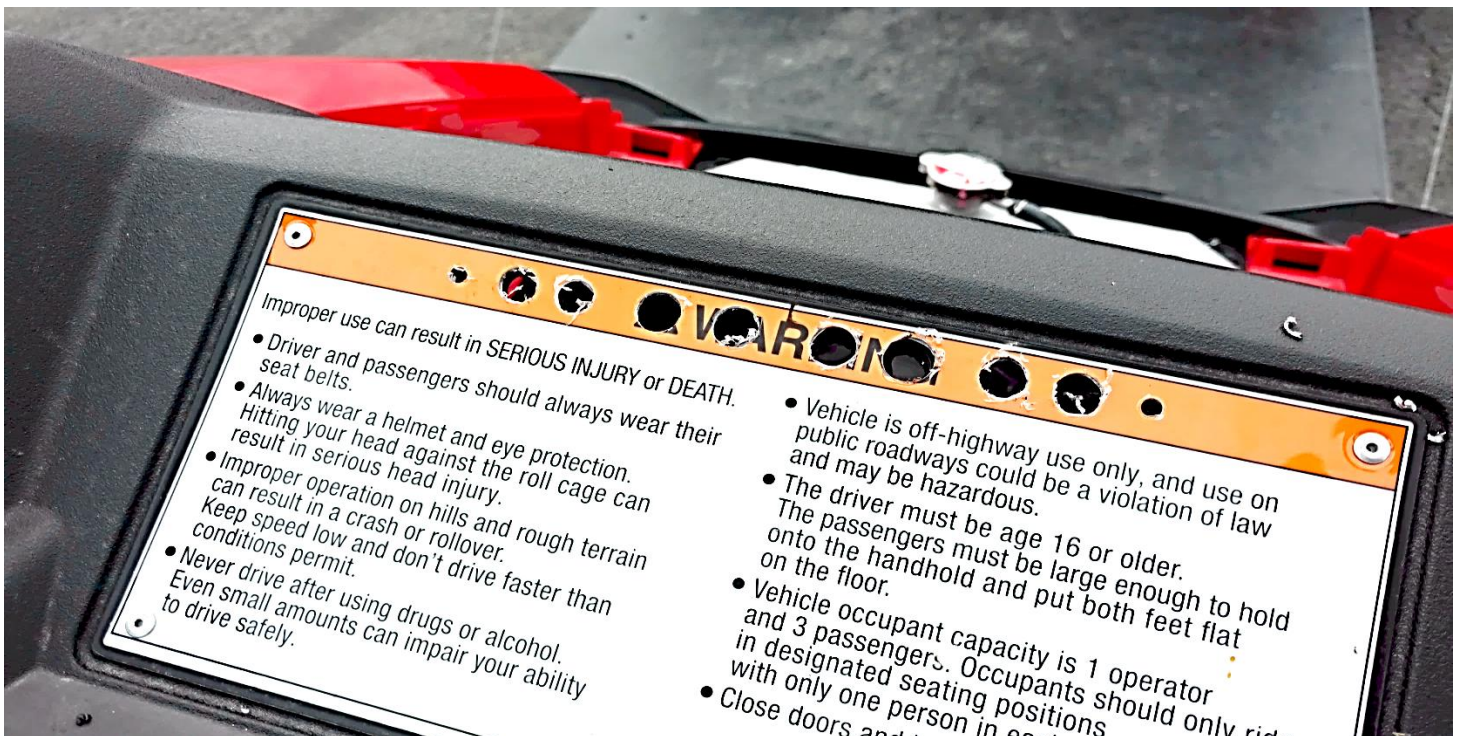


Figure 4

Honda Pioneer 700 Under Hood Ice Crusher Heater Kit.



Figure 5



Figure 6

Honda Pioneer 700 Under Hood Ice Crusher Heater Kit.



Figure 7

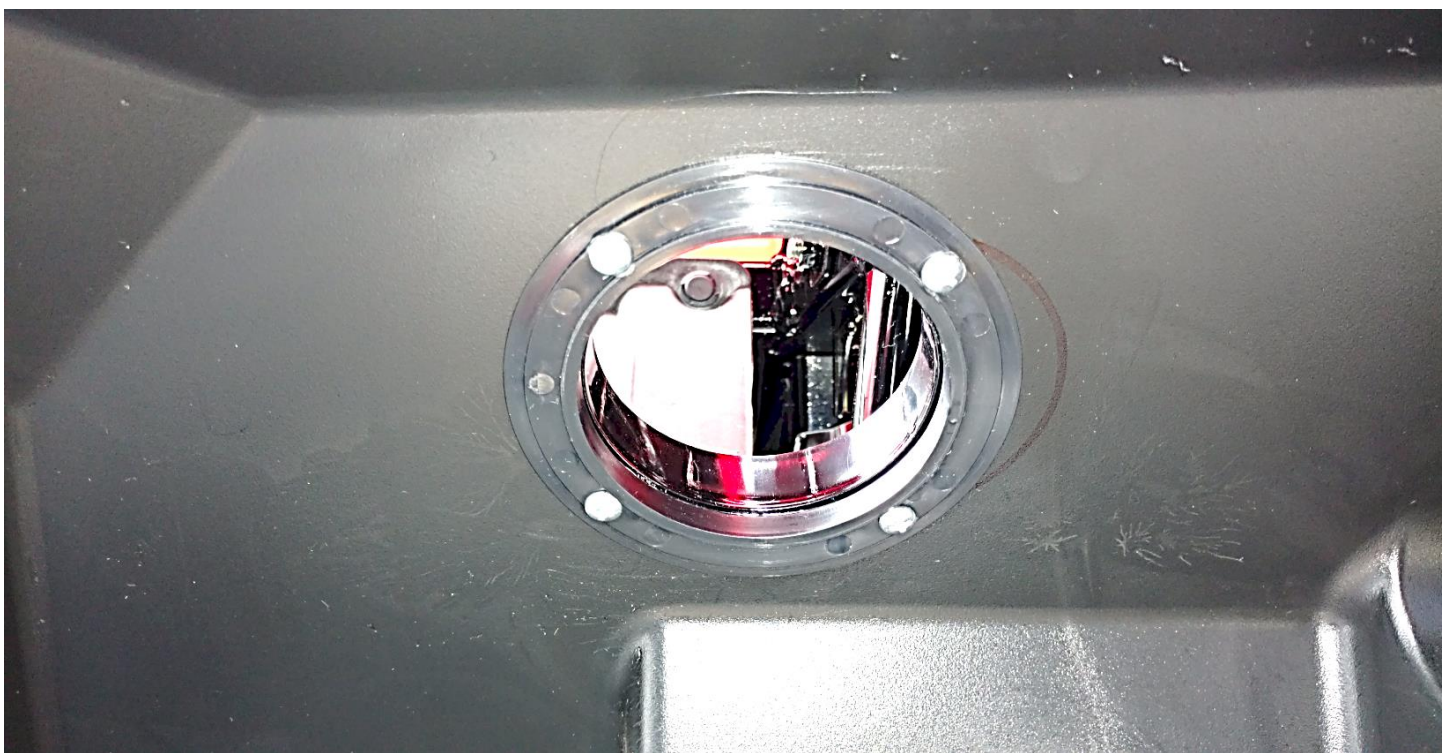


Figure 8

Honda Pioneer 700 Under Hood Ice Crusher Heater Kit.

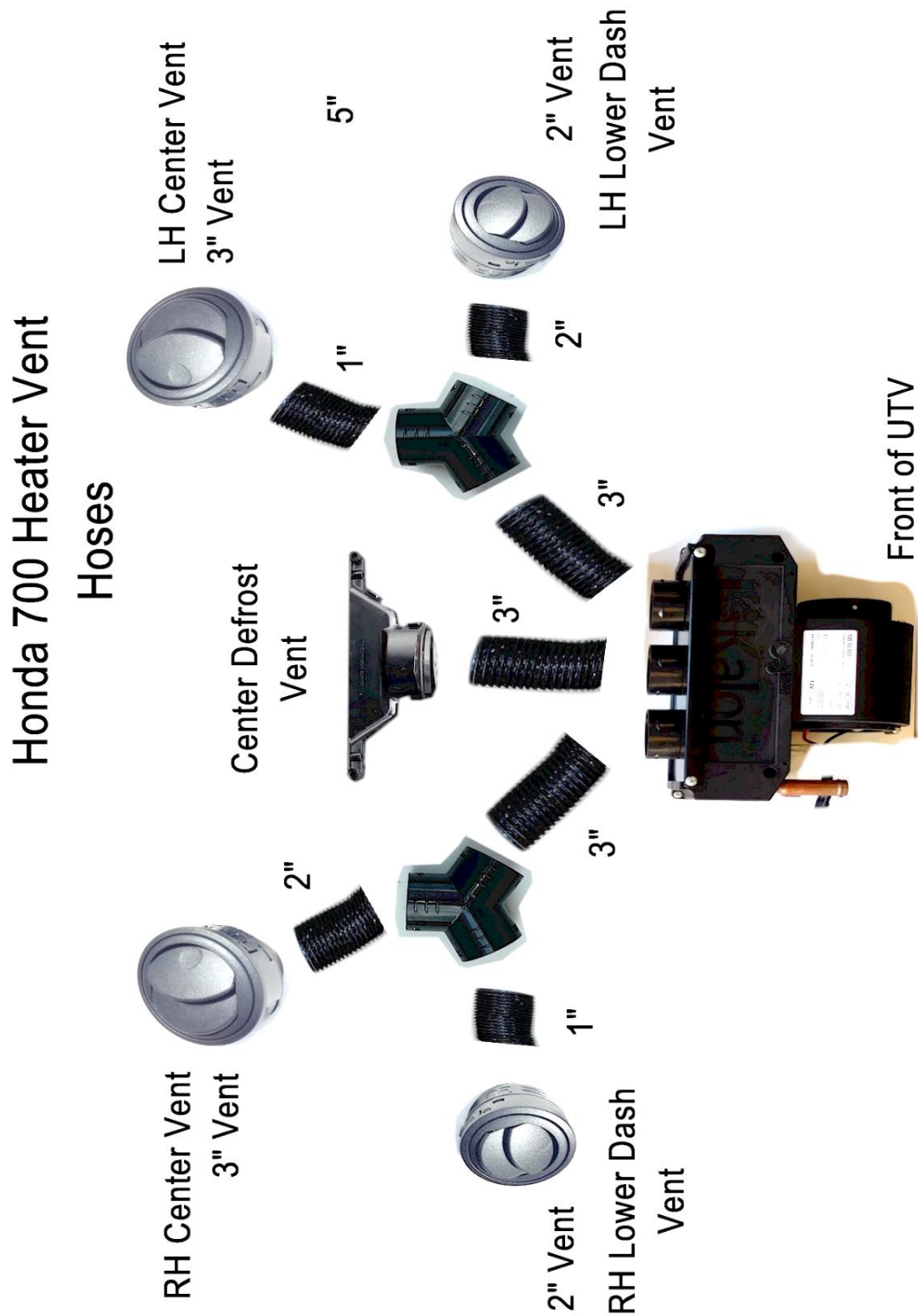


Figure 9

Honda Pioneer 700 Under Hood Ice Crusher Heater Kit.

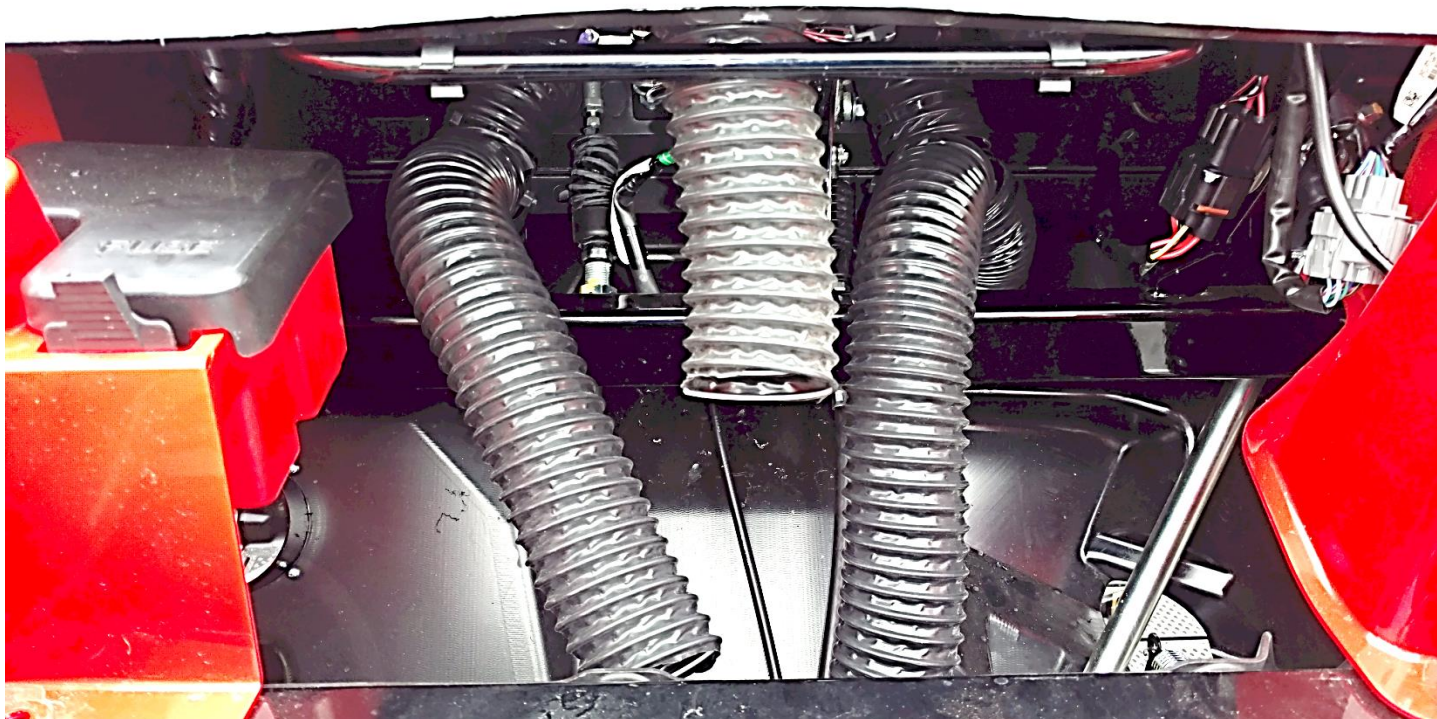


Figure 10



Figure 11

Honda Pioneer 700 Under Hood Ice Crusher Heater Kit.



Figure 12



Figure 13

Honda Pioneer 700 Under Hood Ice Crusher Heater Kit.

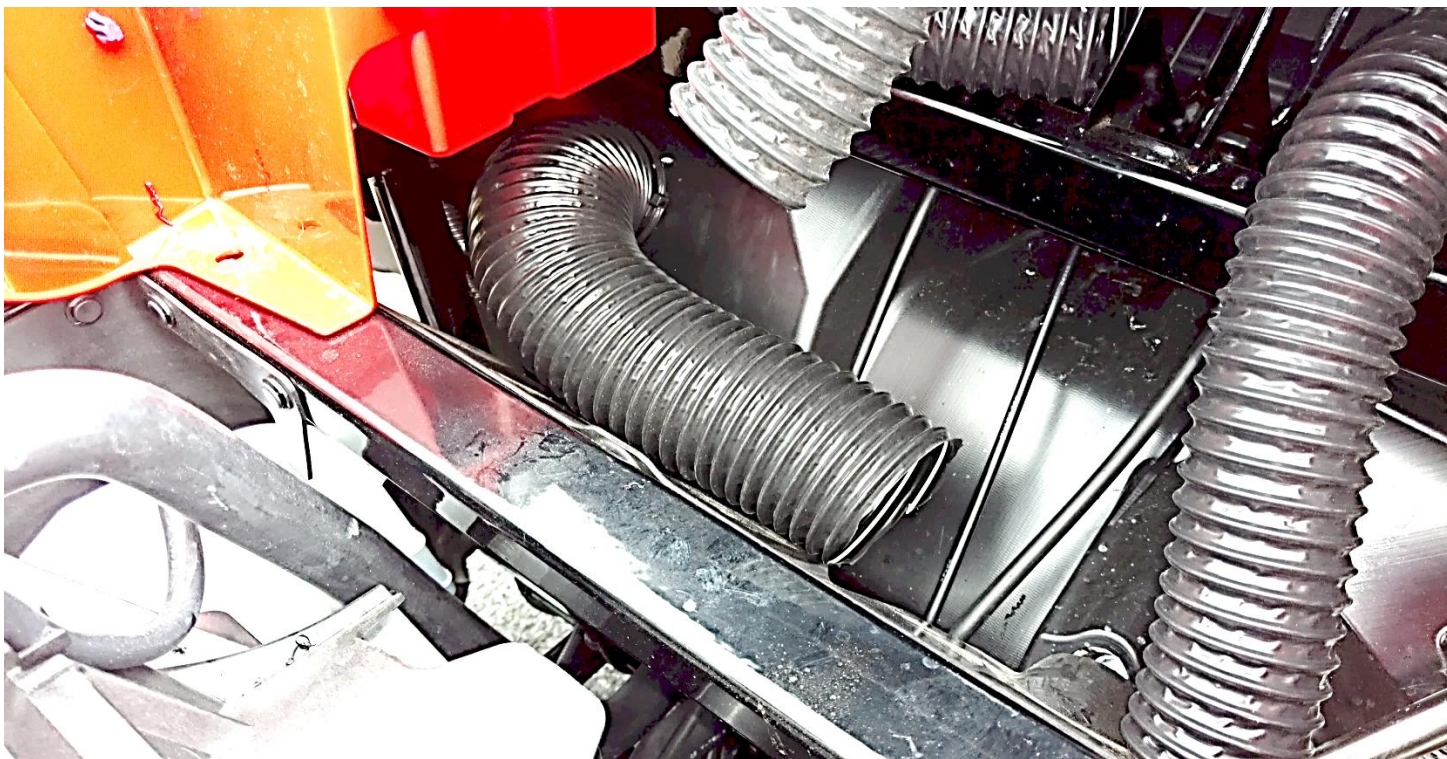


Figure 14



Figure 15

Honda Pioneer 700 Under Hood Ice Crusher Heater Kit.



Figure 16



Figure 17

Honda Pioneer 700 Under Hood Ice Crusher Heater Kit.

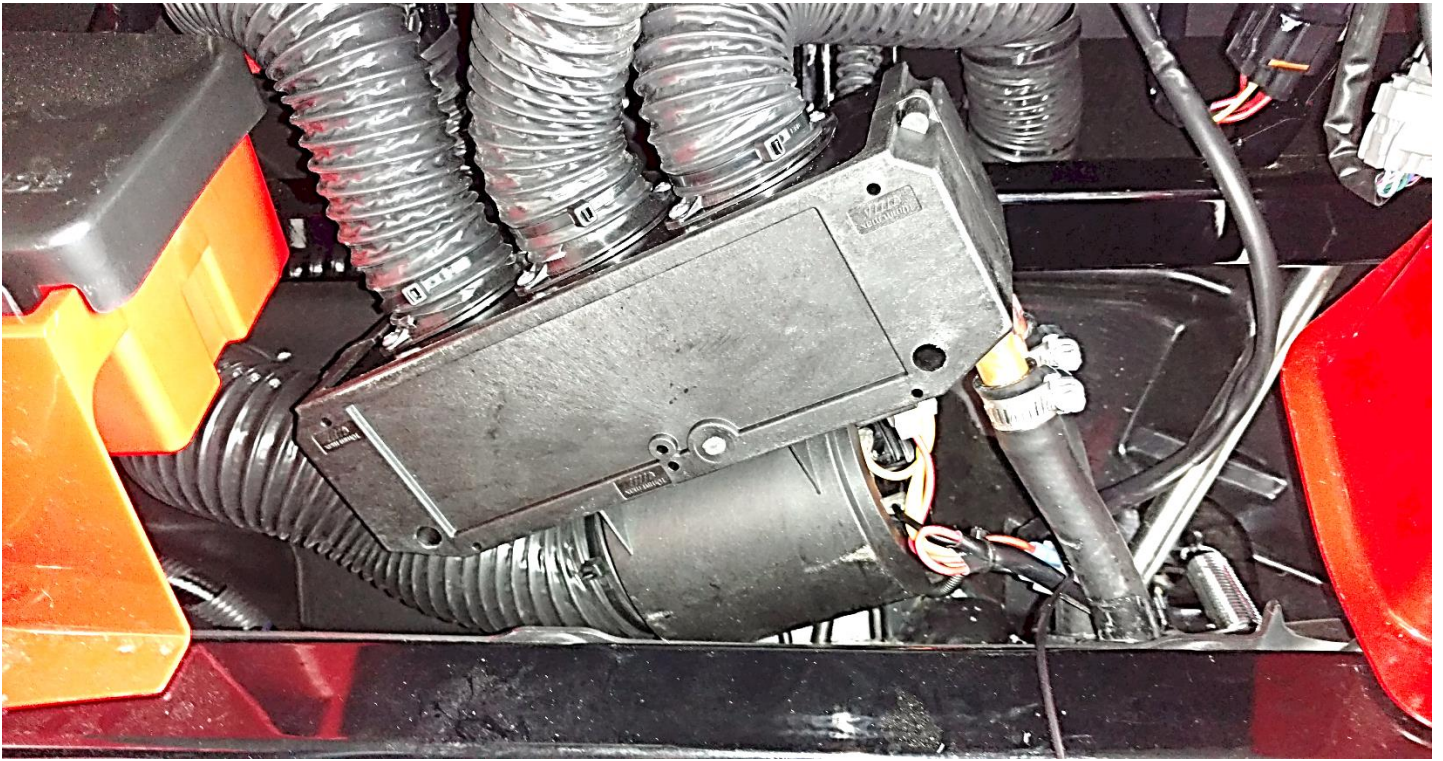


Figure 18

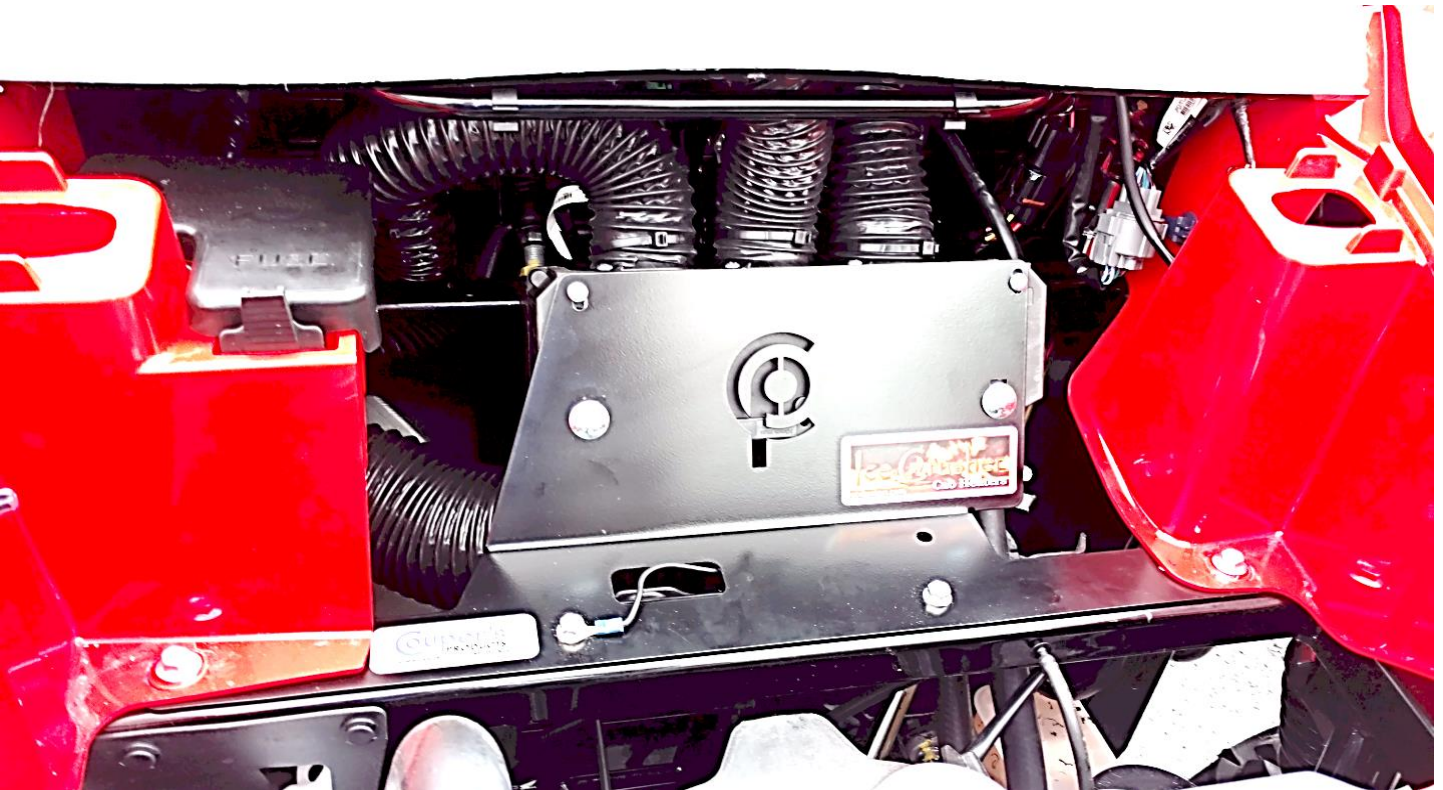


Figure 19

Honda Pioneer 700 Under Hood Ice Crusher Heater Kit.

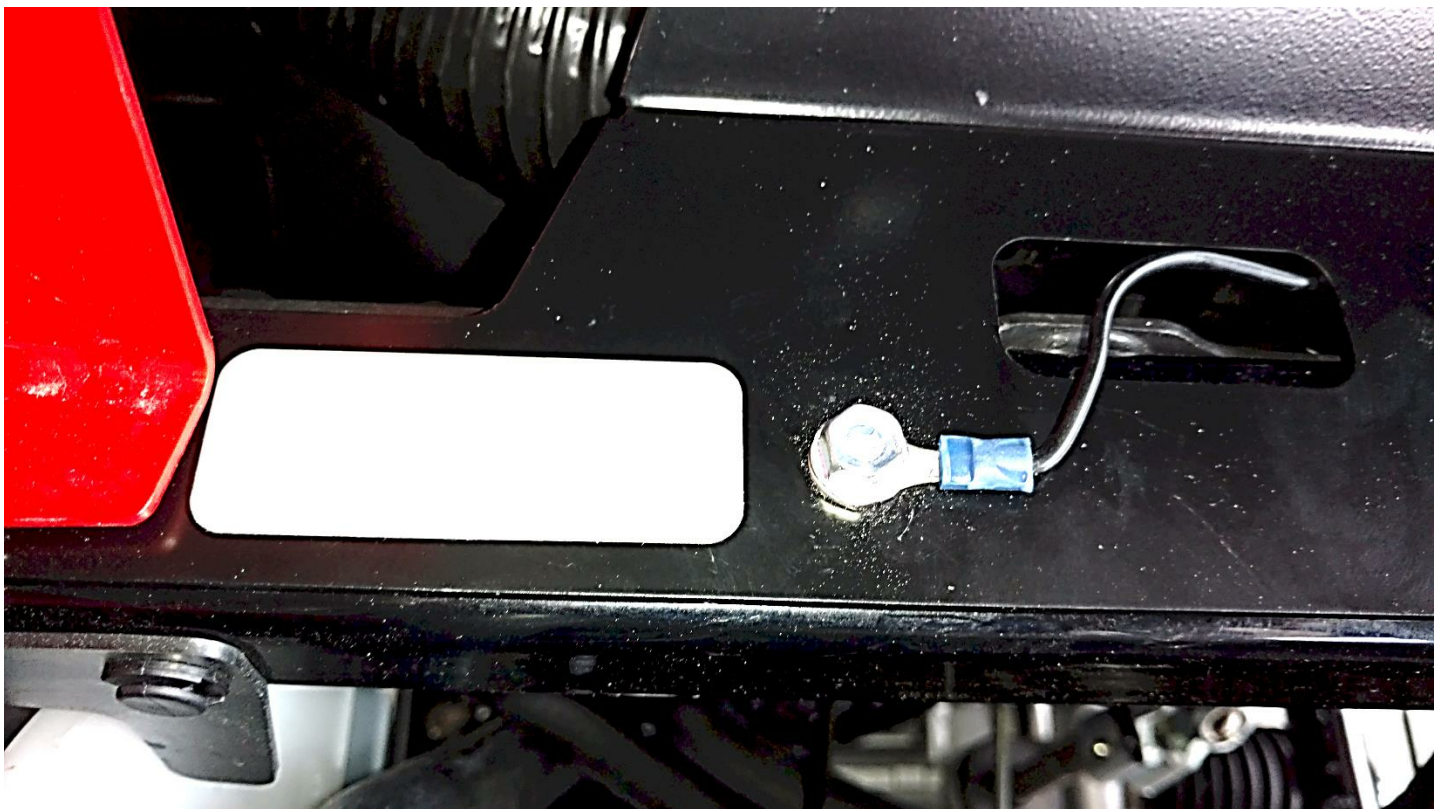


Figure 20

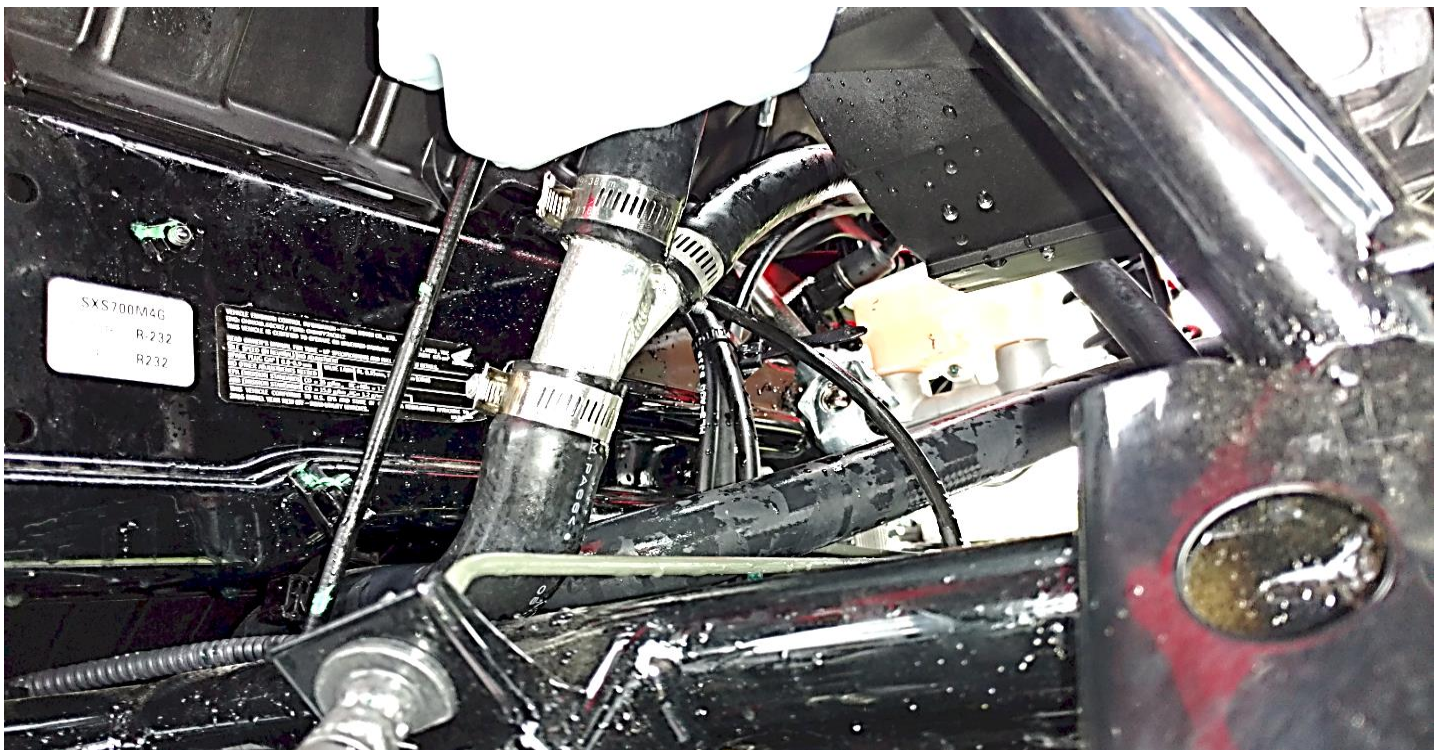


Figure 21

Honda Pioneer 700 Under Hood Ice Crusher Heater Kit.

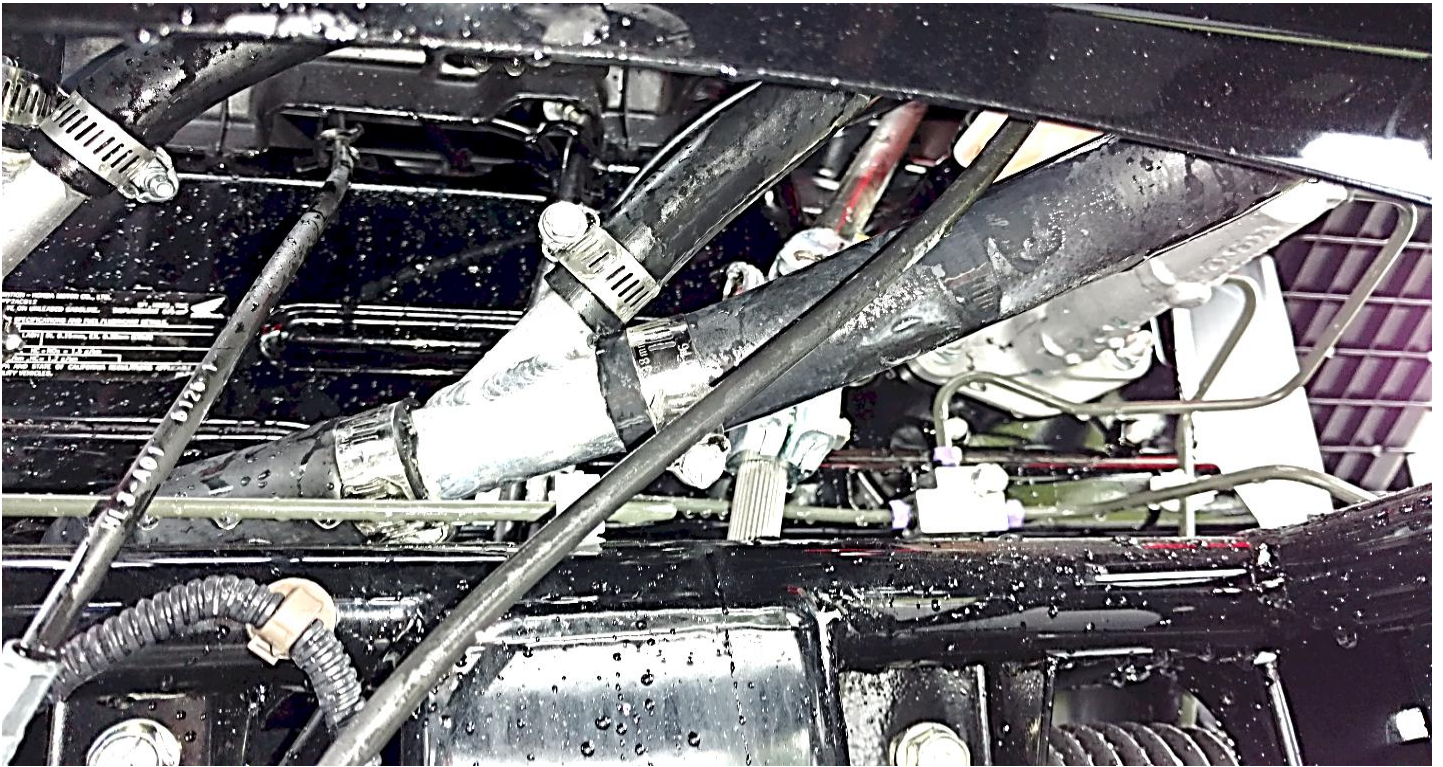


Figure 22

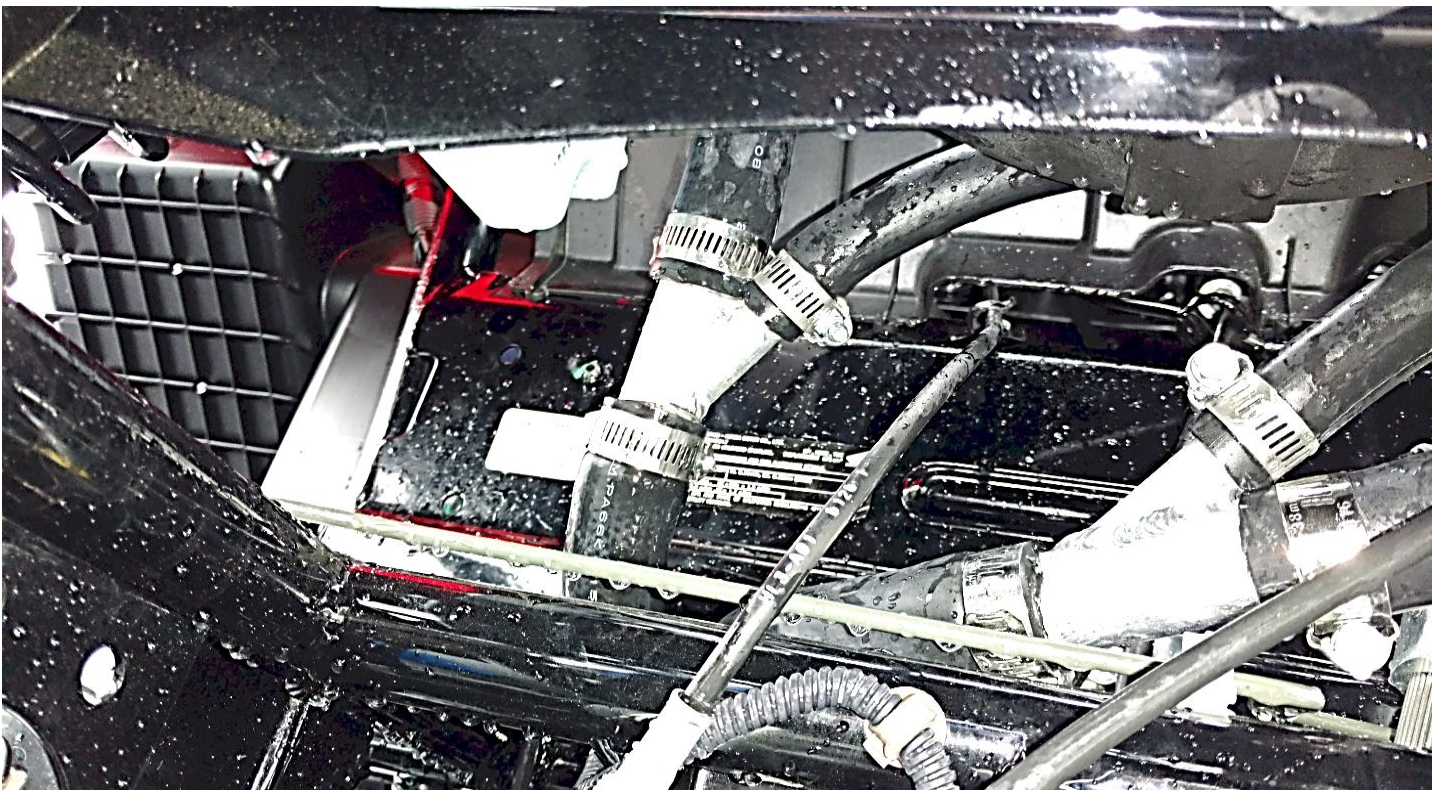


Figure 23

Honda Pioneer 700 Under Hood Ice Crusher Heater Kit.

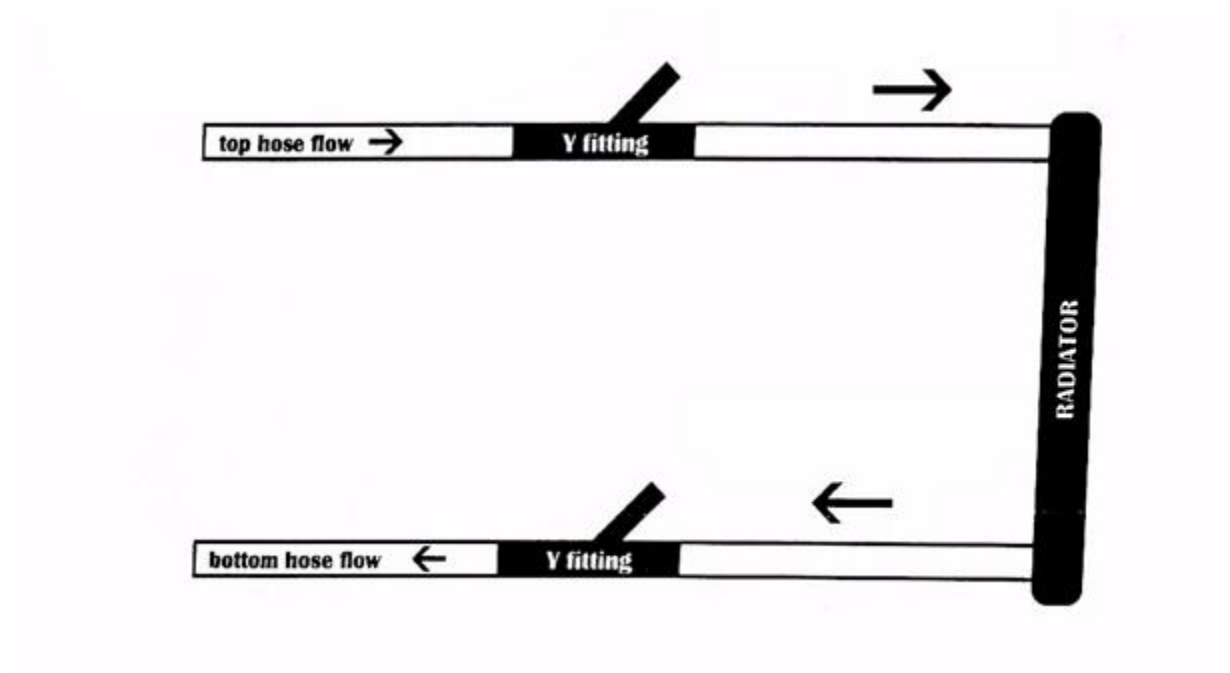


Figure 24

Honda Pioneer 700 Under Hood Ice Crusher Heater Kit.



HEATER WARRANTY – utvheaters.com and coupersproducts.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 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) 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 Heater

23001 Industrial Blvd

Rogers, MN, 55374

888-964-0135

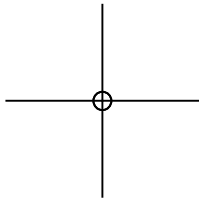


Push-Pin

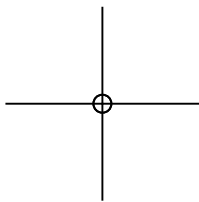


UP

Heater Hose
Hole Template
as shown in
Figure 7



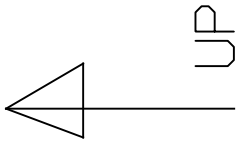
Mark hole center and
use 1 1/4" hole saw



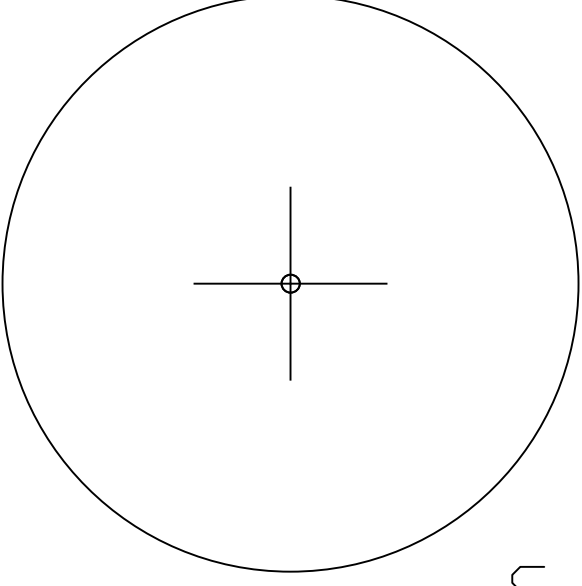
Align with panel
moulding

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 with dash moulding



Mark hole center and
use 3" hole saw

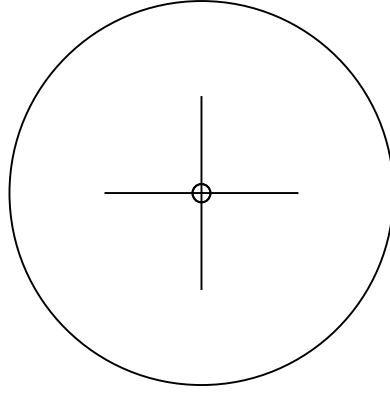


RH Intake Vent Template as shown in Figure 8

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 with front dash edge

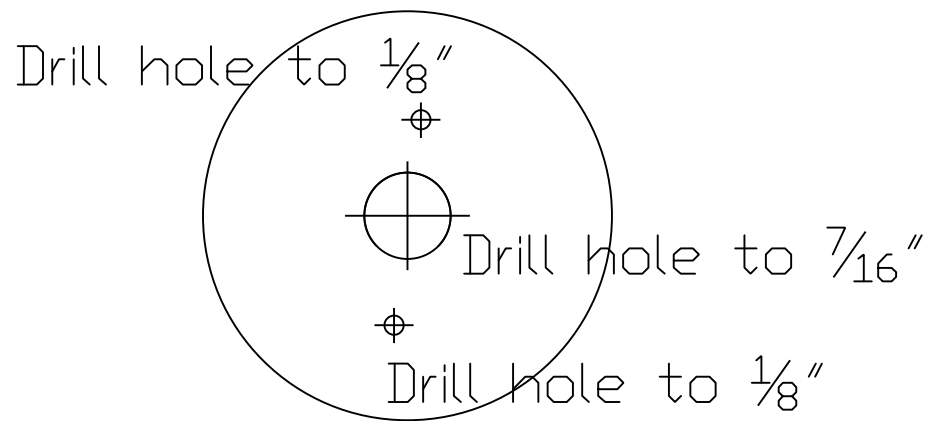
RH Lower Vent
Template (flip
template for LH
Side) as shown in
Figure 2 and 3



Mark hole center and
use 55mm hole saw

Align with dash moulding

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.



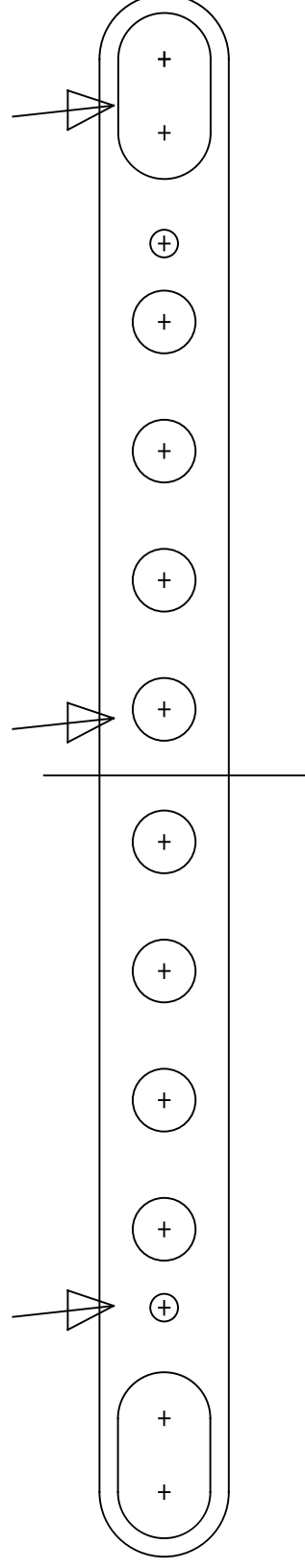
Ice Crusher Heater Switch Template

Switch Template, Choose
location as shown in Figure 16

Drill 3/16 hole
on both ends

Drill 8x 3/8 holes

Drill 2x 1/2 holes
on both ends



Center template on center of
dash in area shown

Sliding Defrost Vent Plate Base Template

