

18+ Honda Pioneer 1000 Deluxe Heater Kit
ICCH-UH-C-HONP1000D

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



4x #10 Hose Clamps



2x #6 Hose Clamps



1x Blower Switch



2x 7/16" Washer



2x 5/16-18x5" Bolts



2x 5/16x18 Nuts



4x #8x1/2" Lath Drill
Point Screws



4x #10x1/2" Screws



10x #8x1/2" Screws



6x 1/8" Black
Pop-Rivets



1x 32mm Grommet



1x 1" Y Fittings



1x 3-Way Ball Valve



1x Switch Nut
2x #2 Knobs



888-964-0135



11f of 5/8
Heater Hose



1x Wiring Harness



1x Honda Pigtail



215 30x 11" Cable Ties



4x 15" Cable Ties

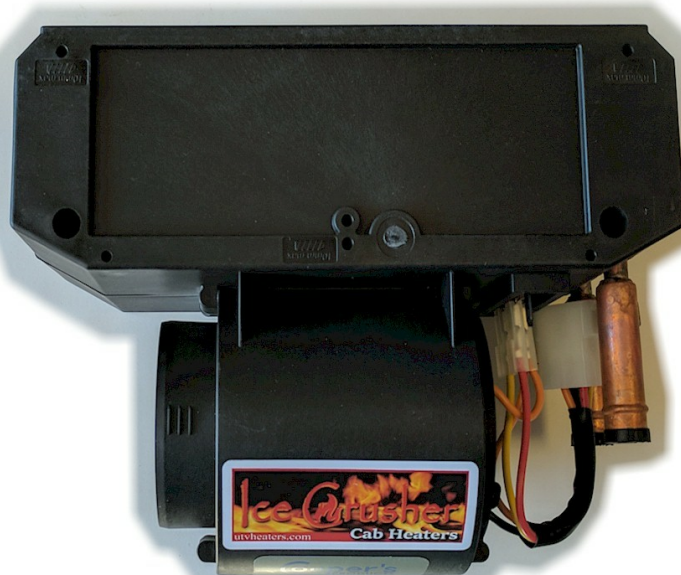


Heat Control Kit



1011

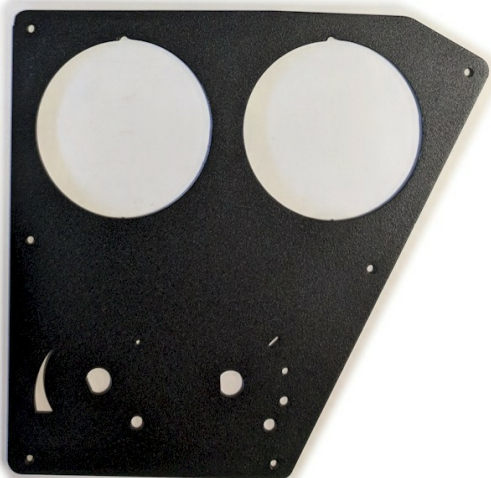
Defrost Vent Brackets



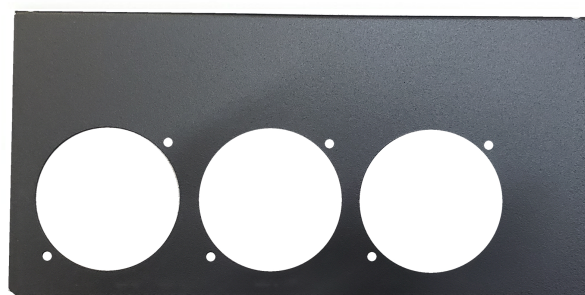
620

1x Heater Unit

1012



Center Vent Brkts



1139

Face Plate

1x 3" Grille and Connector



602

601



507

8" 3" Duct Hose
(compressed)

3x 2" Y's



503

4x 3" Vents



502

2x 2" Vents



501

3x 50mm
Connectors



500



505

30" 2" Duct Hose
(compressed)

888-964-0135

18+ Honda Pioneer 1000 Deluxe 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.

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, hoses, wiring etc.

Remove hood. Disconnect battery and remove. Unclip all electrical components and loom from under hood area, push components and loom up into dash area. Dismantle and remove front fenders, lights and grille assembly as one piece from UTV as shown in Figure 1. Remove Aux. Power plug assembly.

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.

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Use the Heater Mounting Template and place it the flat area of the firewall just below where the Aux. Power plug assembly was located, as shown in Figure 2. Mark out hole centers as shown in Figure 2, drill holes to size stated.

Please note: Because of the dash design the best position in the dash to place the center heater vents is where the manufacturer mounts the "Warning" placard. If the placard is removed to install vents it is the installer/customer's responsibility to relocate the placard to a position that is visible to users of the UTV.

Drill out and remove pop-rivets holding main dash "Warning" placard. This placard is made from aluminum and is also stuck to the dash with adhesive. Carefully using a tool like a sheetrock/putty knife insert between placard dash panel and carefully separate placard from dash.

Clean remaining adhesive from dash panel. Using the supplied center vent template mark out hole centers, drill vent holes using supplied 3" hole saw and switch/heat control holes as shown in Figure 4. **Tip:** Use a knife to remove burrs and chamfer from the drilled holes to help with fitting of the vents. Place red switch bezel over switch holes, place center vent plate in to place attach using the supplied black pop-rivets. Trim vent holes if needed to match vent plate.

Remove left and right cup holders from dash as shown in Figure 5. Remove excess from tabs as shown in Figure 6. If you do not want to remove cup holders skip this step.

Use supplied RH lower vent template to mark the position of the lower vent on passenger side of under dash. Drill vent hole using supplied 55mm hole saw as shown in Figure 7.

Using Figure 8 as a guide, drill vent hole using supplied 55mm hole saw as shown just below steering wheel column.

Using Figure 9 as a guide and the 3" intake grille to determine the correct position, drill vent hole using supplied 3" hole saw as shown on the very right side of the passenger side of the under dash. Fit 3" fitting and secure using four of supplied #8 x 1/2" screws. Clip into place 3" intake grille.

Using Figure 10 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 10

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.

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

Using Figures 11a and 11b as 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.

Route all the 2" duct hose from the center of the UTV to the correct vent positions as required between the frame and dash as shown in Figures 12. Stretch hose as you route the hose to ensure you have enough hose to complete the installation. For the vents fitted in the cup holder holes use supplied brackets to hold vents position. Use supplied the large head #8x 1/2 screws to attach the brackets as shown in Figure 13. Pull 2" duct hoses through the drilled vent holes and cup holder holes, attach the correct size vent to the duct hoses. Use cable ties around all duct hose connections. Clip vents into position.

18+ Honda Pioneer 1000 Deluxe Under Hood Ice Crusher Heater Kit.

Using the supplied heater face plate fit to heater, attach the three 50mm connectors to face plate using six supplied #8 x ½" screws as shown in Figure 14.

Fit heater into position on the firewall, 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 15. Align the heater with the holes drilled in the firewall. With an assistant, from the inside of cab install the 5/16"x5" bolts through the firewall and heater box, fit and tighten supplied 5/16 nuts as shown in Figure 15.

Take supplied 5/8" heater hose and attach both ends to the heater fittings, do not cut hose to do this, secure with supplied # 10 hose clamps. **Please Note:** Be sure to remove factory shipping plugs from heater fittings if so fitted.

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.

Locate the lower radiator hose at the front of the UTV, cut radiator hose as shown in Figure 16a removing approximately a 1" to 1.5" section of the hose. Insert the Y connector exactly in the radiator hose as shown in Figure 16b and Figure 18.

Locate the hose shown in Figure 17a under engine cover of the UTV, cut radiator hose as shown in Figure 17a and Figure 17b removing approximately a 1" to 1.5" section of the hose. Insert the 3 Way Ball Valve as shown in Figure 17a and 17b. Secure it using the two #6 Hose Clamps.

Route the lower of the heater hoses over to Y fitting in lower radiator hose. Cut heater hose to length. Route the remaining heater hose up to the 3 Way ball valve at the engine. Cut heater hose to length. Connect using a #10 Hose Clamp. 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. Route the in cab heat control cable and control assembly to control mounting hole. Install control. Fit 7/16 washer and switch nut, tighten nut and fit knob. Cut and install control valve in the heater hose that goes to the engine Y Fitting as shown in Figure 19.

Relocate the Aux. Power plug to the top of the center cubby as shown in Figure 20. Fit supplied grommet plug into the factory Aux. Power plug hole now not used.

Use the Honda Wiring Pigtail and connect it between the Aux plug and it's original connector. Plug the heater wiring harness into the 2-pin connector on the pigtail.

Connect the White 4 Pin connector on the heater harness to the heater connector plug.

Connect the 5-pin black connector to the heater switch and insert into the 7/16" mounting hole. Install Red bezel then Black bezel, 7/16 washer and switch nut.

18+ Honda Pioneer 1000 Deluxe 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. Reconnect battery, turn key on to check fan operation,

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.

IMPORTANT NOTE FOR IN CAB HEAT CONTROL:

AT THE END OF THE COOLER MONTHS WHEN THE HEATER IS NO LONGER DESIRED TO PRODUCE HEAT, IT IS IMPORTANT TO TURN THE 3-WAY BALL VALVE HANDLE SUCH THAT IT IS PARALLEL WITH THE OIL COOLER BYPASS LINE. THIS WILL DIVERT COOLANT BACK TO THE ENGINE IN THE EVENT THAT THE IN CAB HEAT CONTROL KNOB IS IN THE OFF POSITION, WHICH WILL CAUSE THE COOLANT IN THE OIL COOLER BYPASS LINE NOT TO MOVE.



OFF (Summer)



ON (Winter)

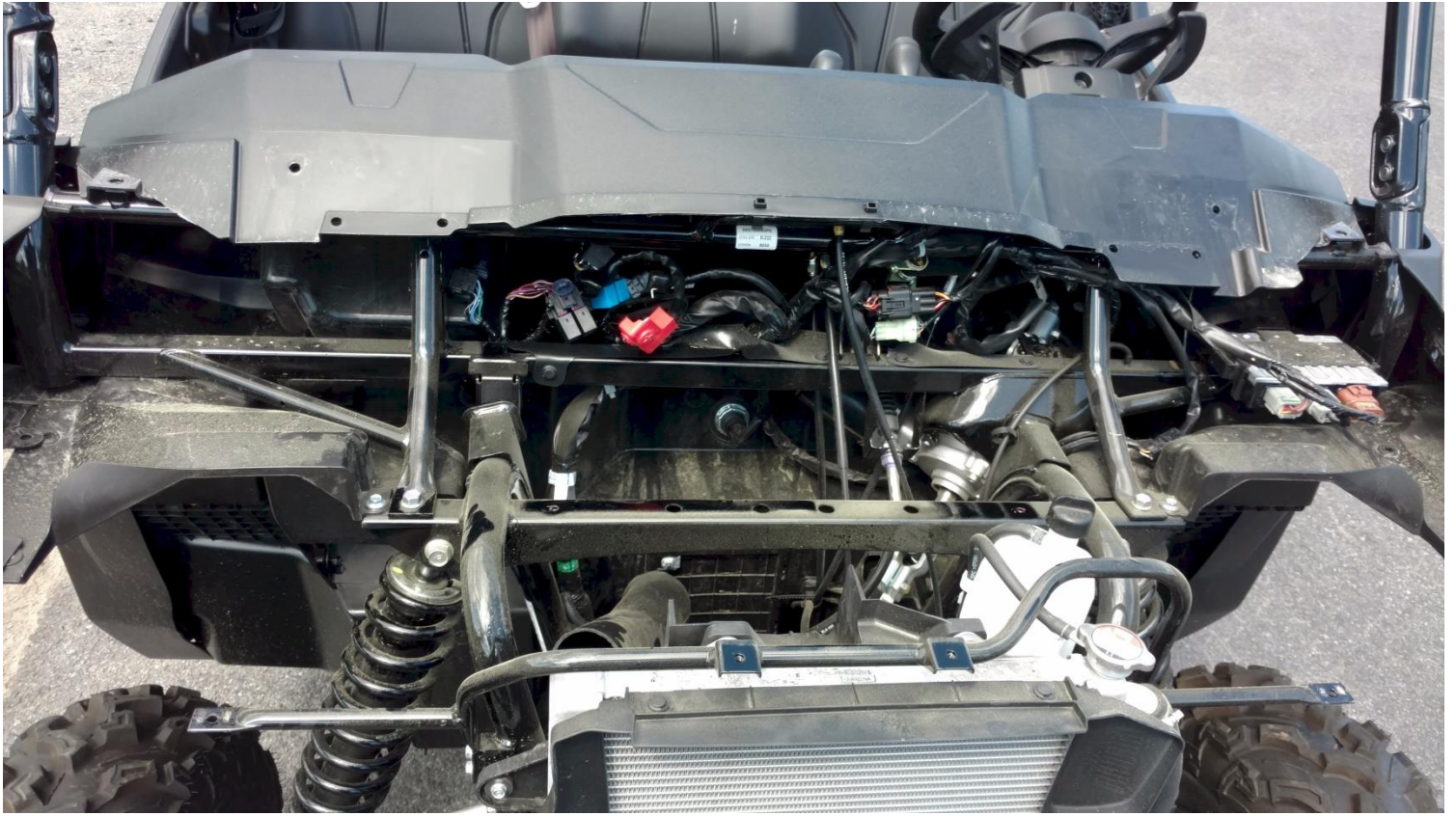


Figure 1

18+ Honda Pioneer 1000 Deluxe Under Hood Ice Crusher Heater Kit.

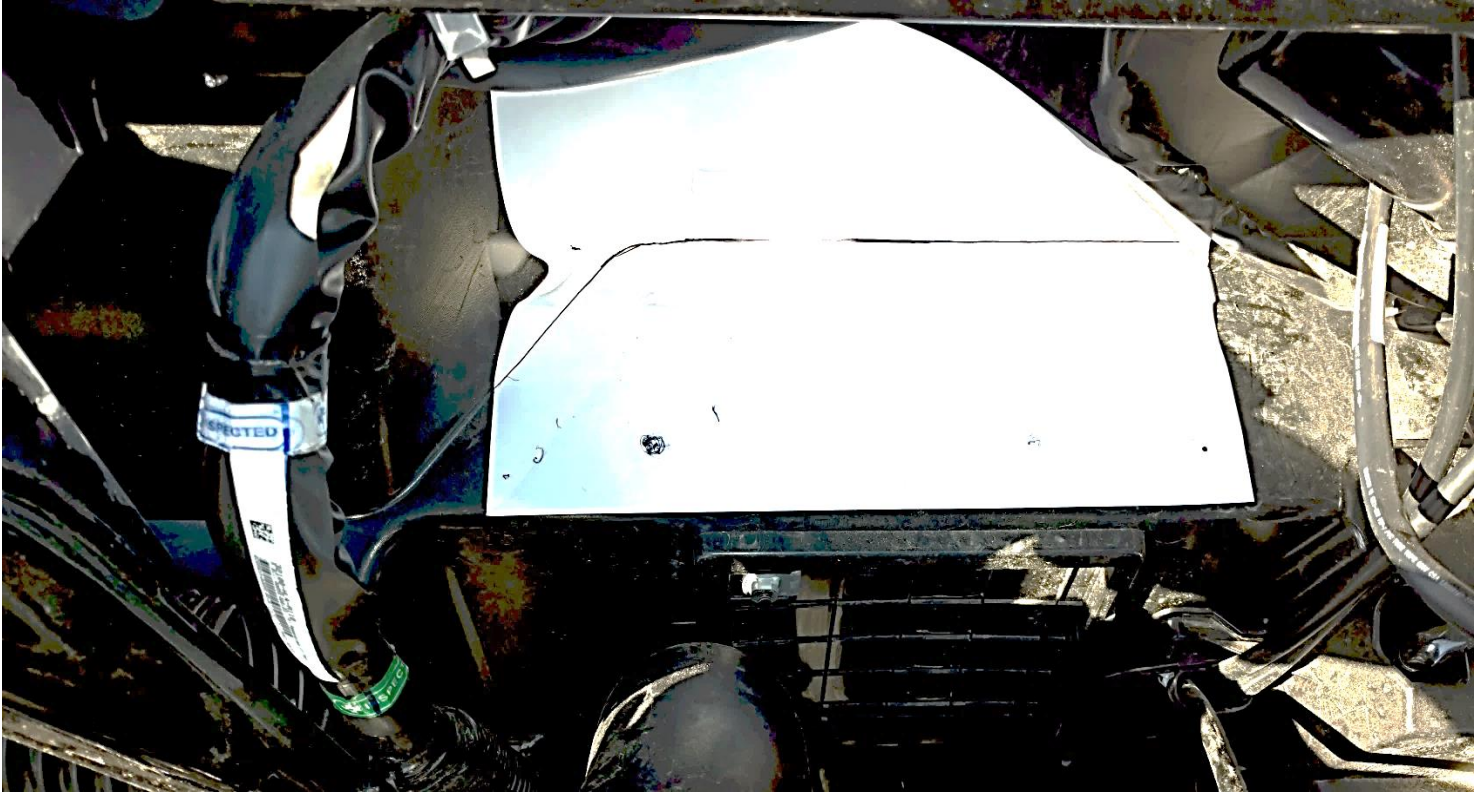


Figure 2



Figure 3

18+ Honda Pioneer 1000 Deluxe Under Hood Ice Crusher Heater Kit.



Figure 4



Figure 5

18+ Honda Pioneer 1000 Deluxe Under Hood Ice Crusher Heater Kit.



Figure 6



Figure 7

18+ Honda Pioneer 1000 Deluxe Under Hood Ice Crusher Heater Kit.



Figure 8



Figure 9

18+ Honda Pioneer 1000 Deluxe Under Hood Ice Crusher Heater Kit.

Honda 1000 Heater
Vent Hoses

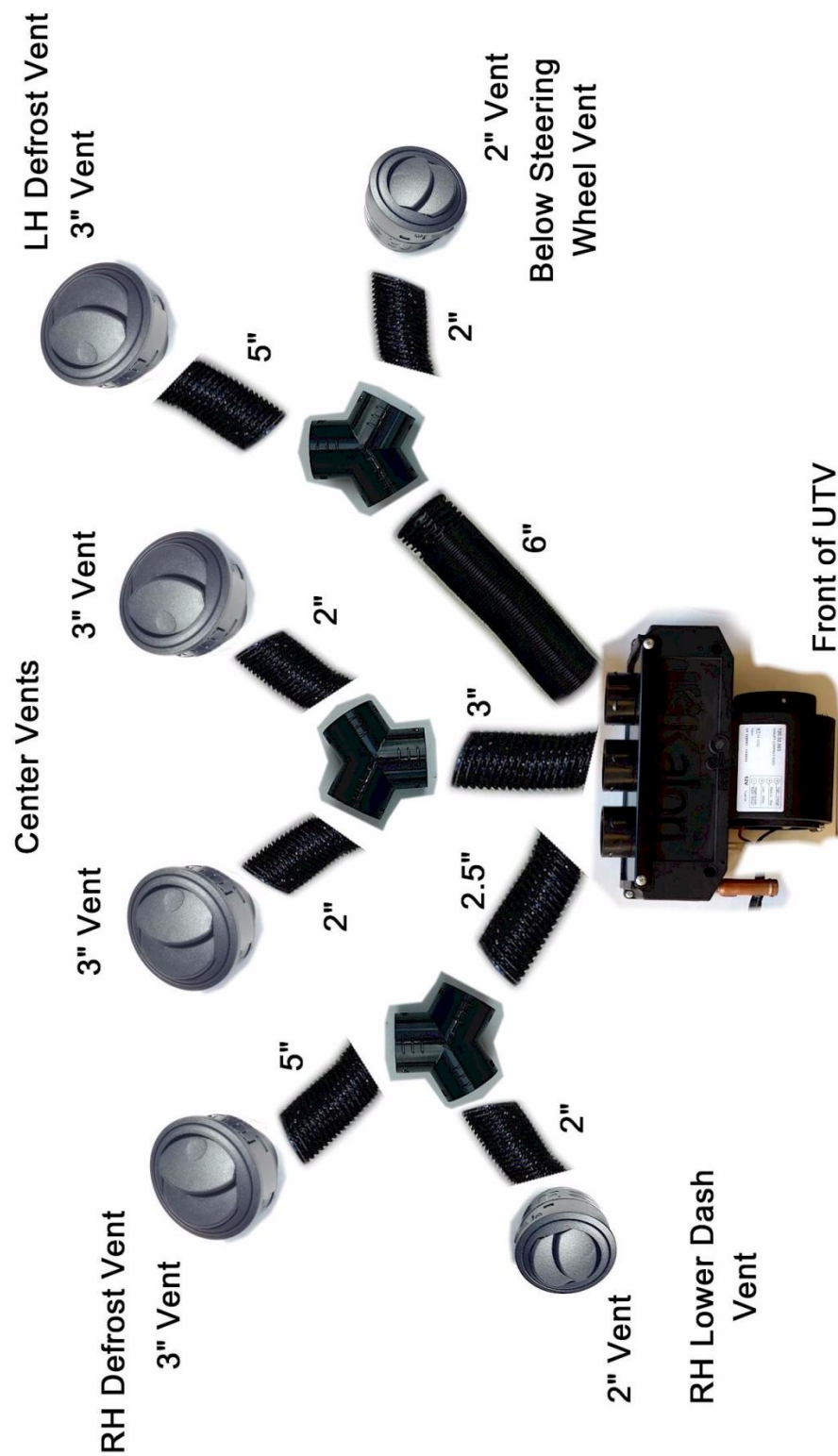


Figure 10

18+ Honda Pioneer 1000 Deluxe Under Hood Ice Crusher Heater Kit.



Figure 11a

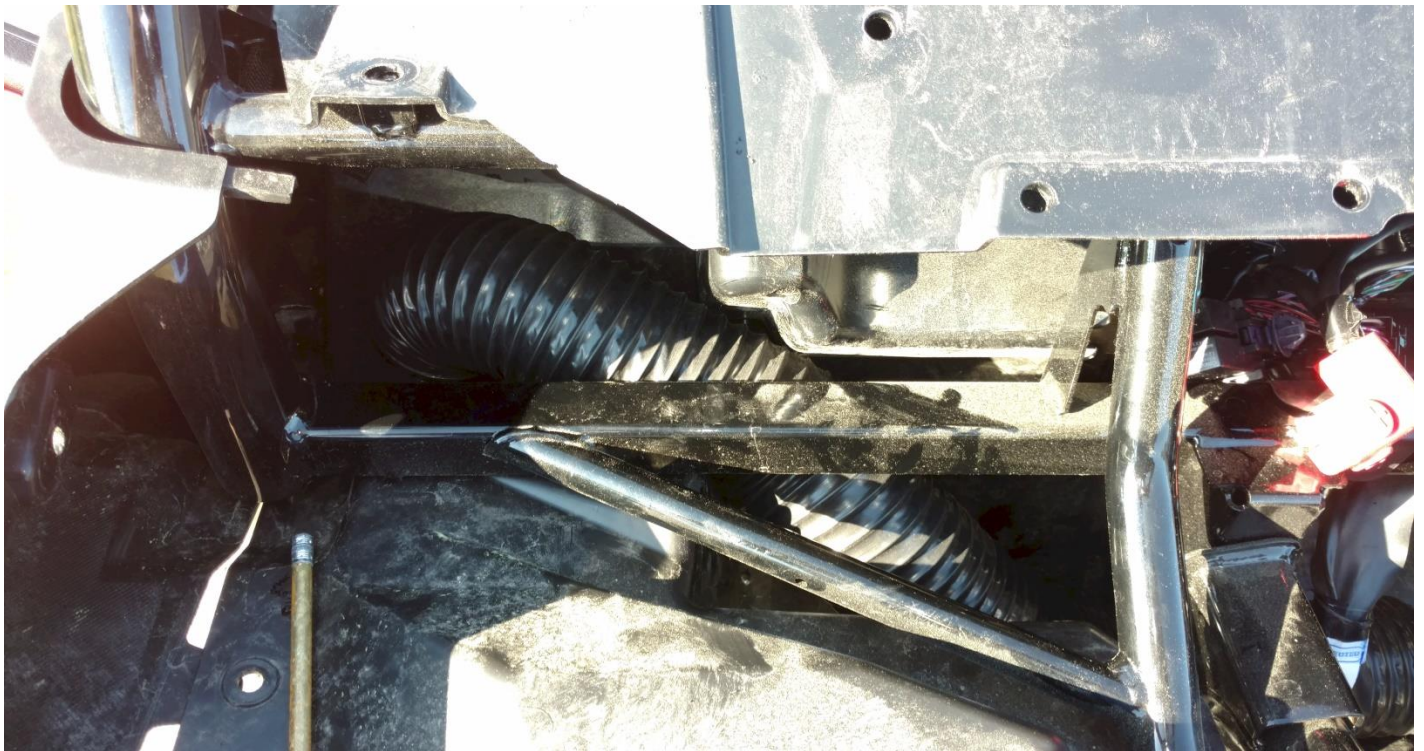


Figure 11b

18+ Honda Pioneer 1000 Deluxe Under Hood Ice Crusher Heater Kit.

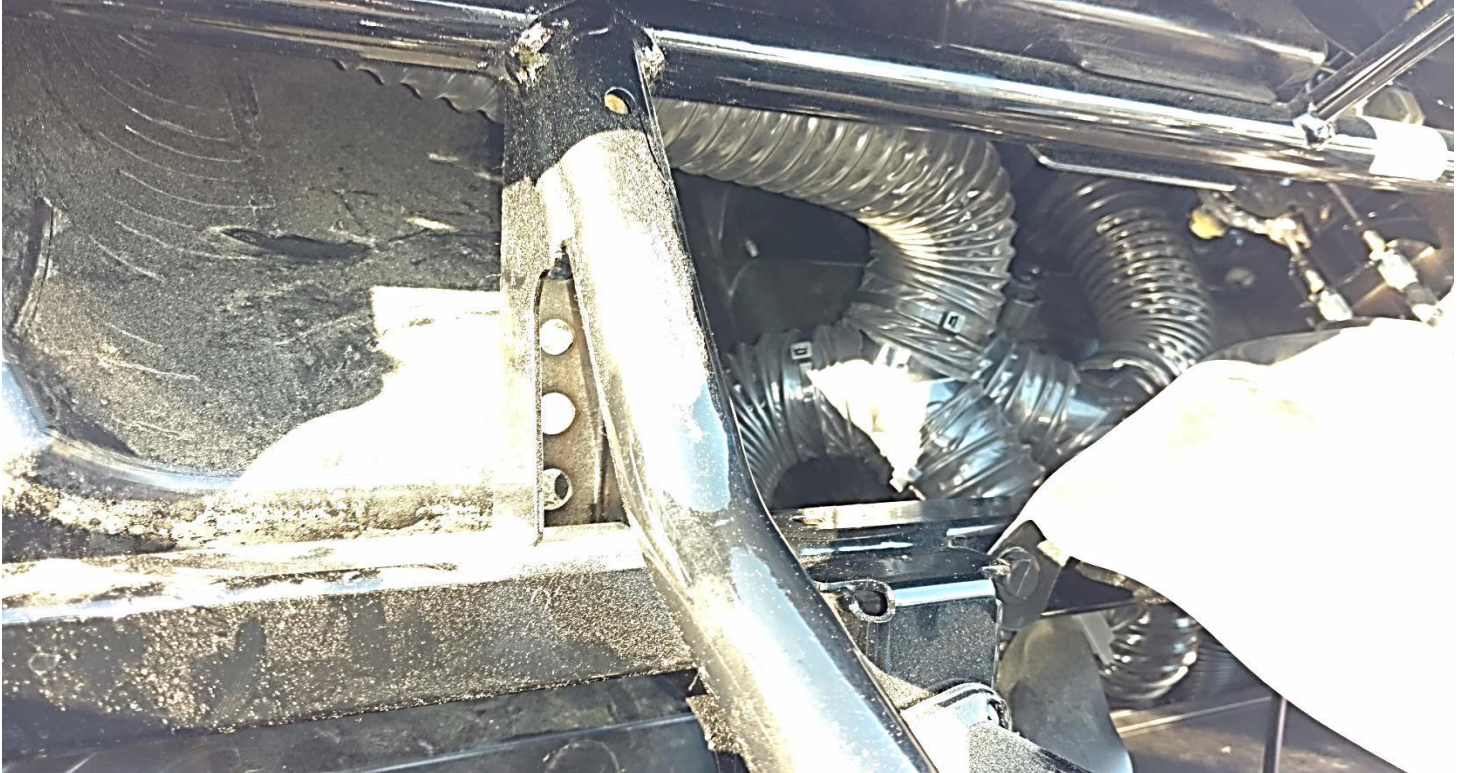


Figure 12



Figure 13

18+ Honda Pioneer 1000 Deluxe Under Hood Ice Crusher Heater Kit.



Figure 14

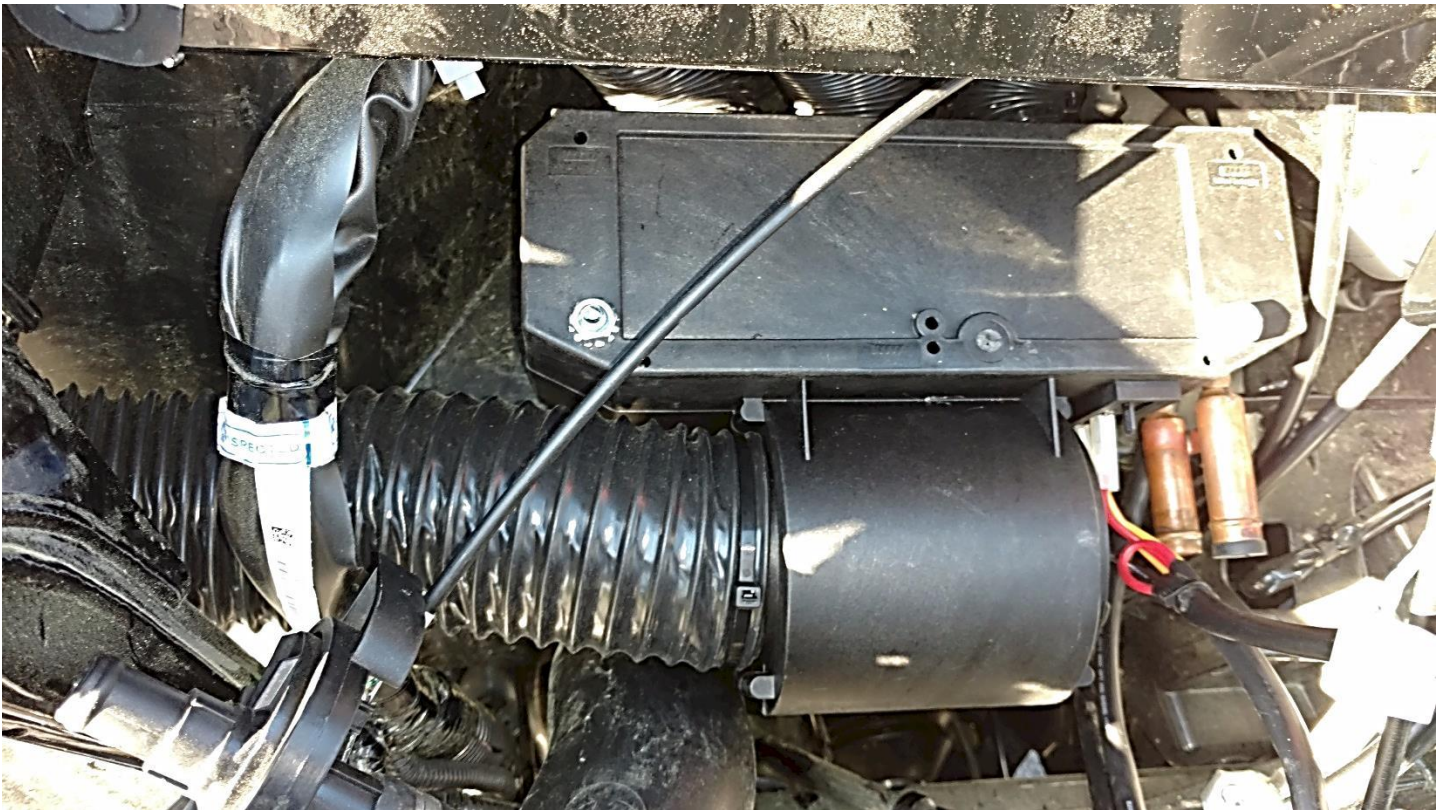


Figure 15

18+ Honda Pioneer 1000 Deluxe Under Hood Ice Crusher Heater Kit.

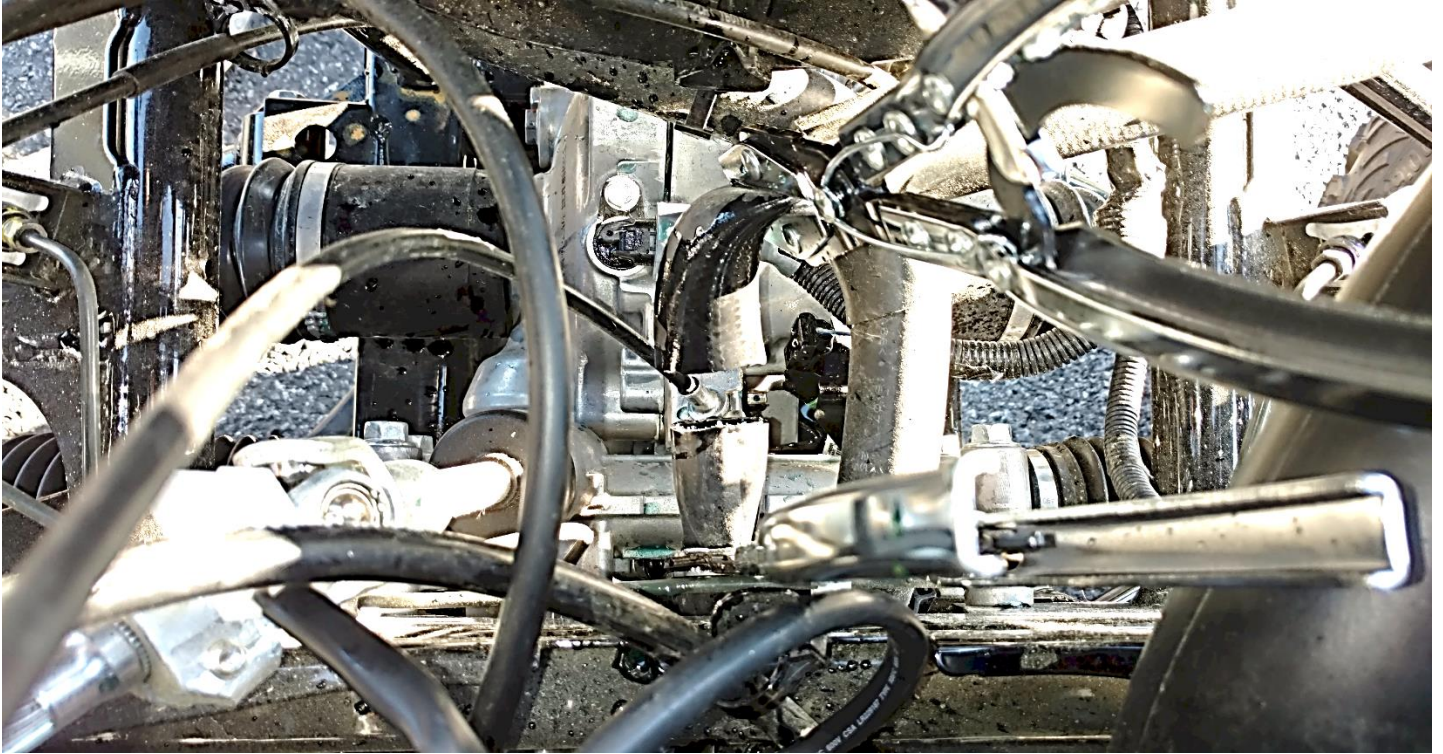


Figure 16a

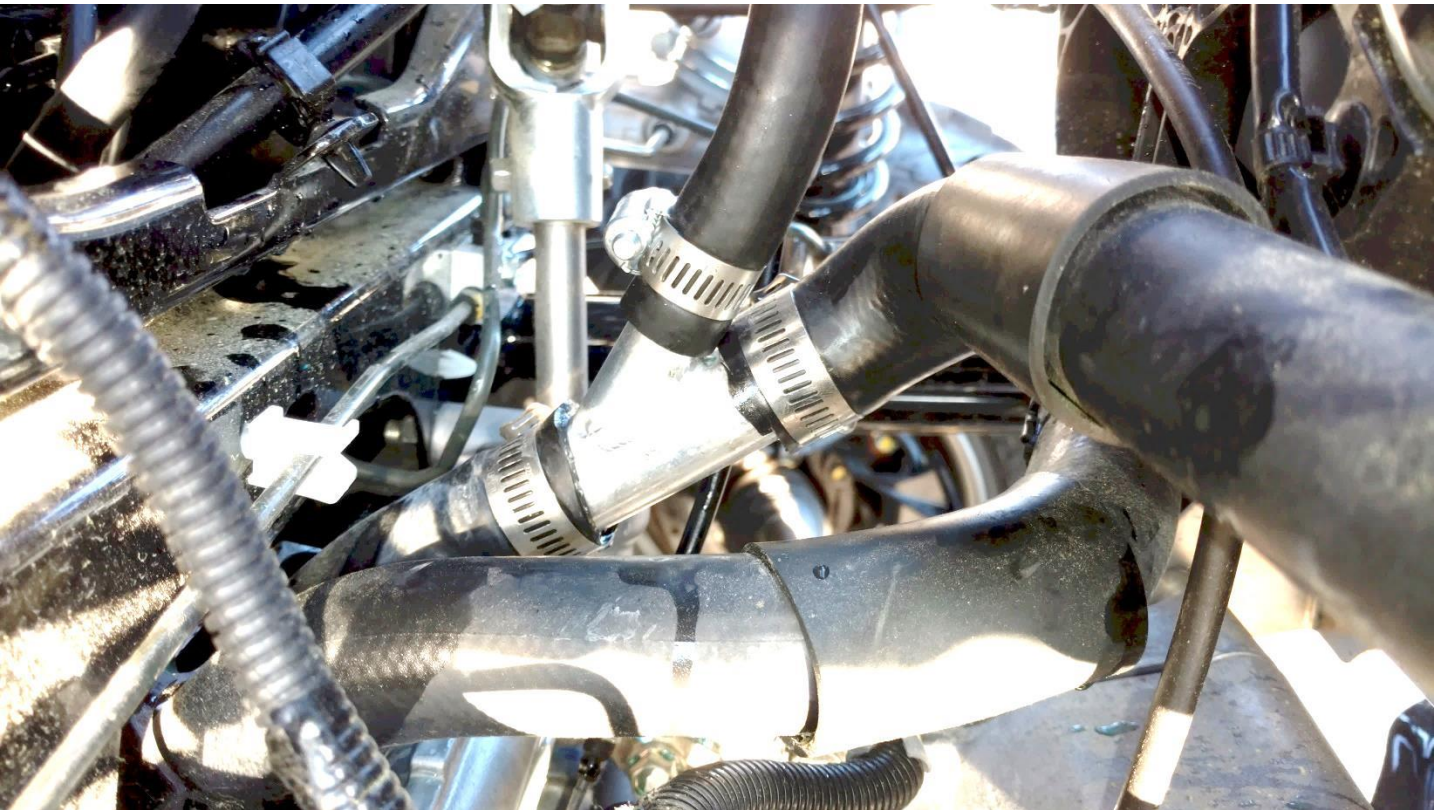


Figure 16b

18+ Honda Pioneer 1000 Deluxe Under Hood Ice Crusher Heater Kit.

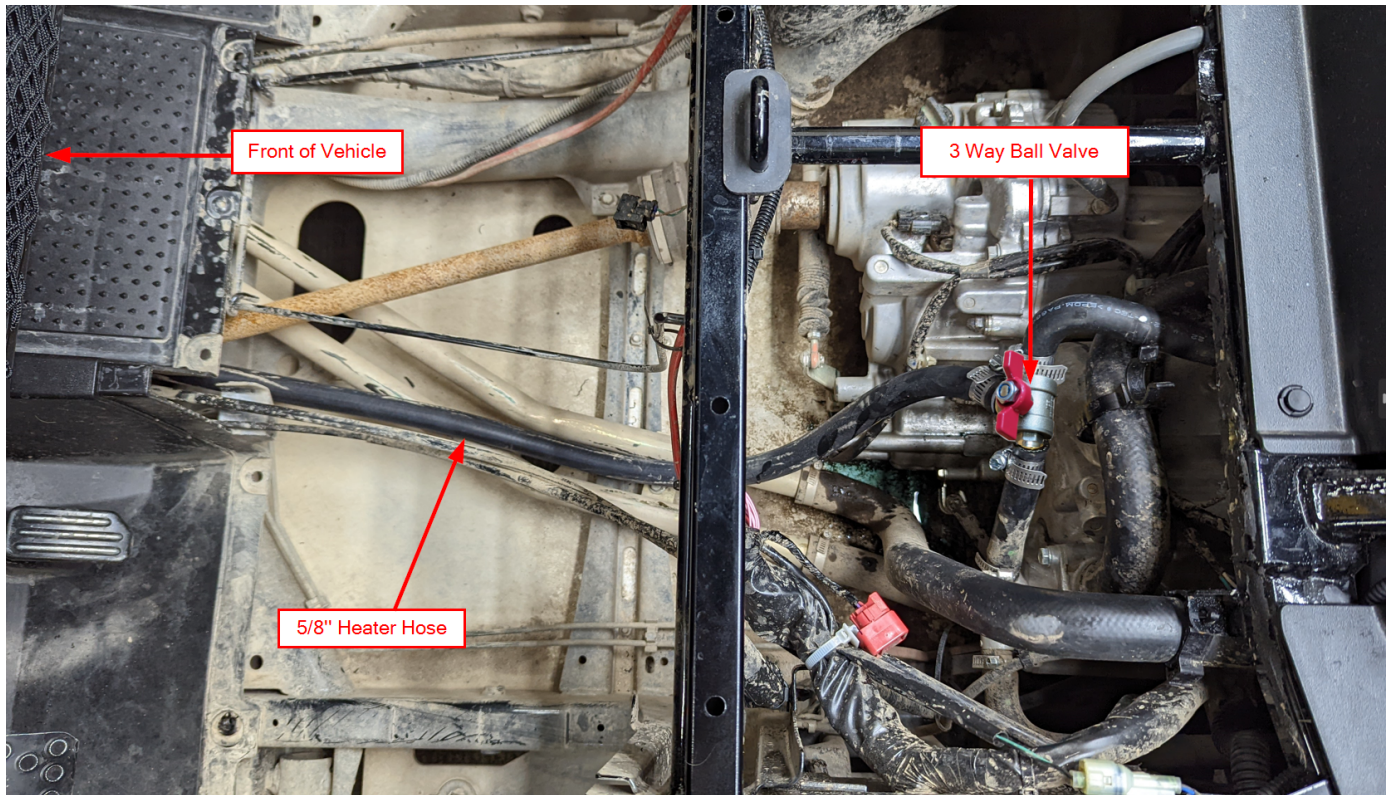


Figure 17a

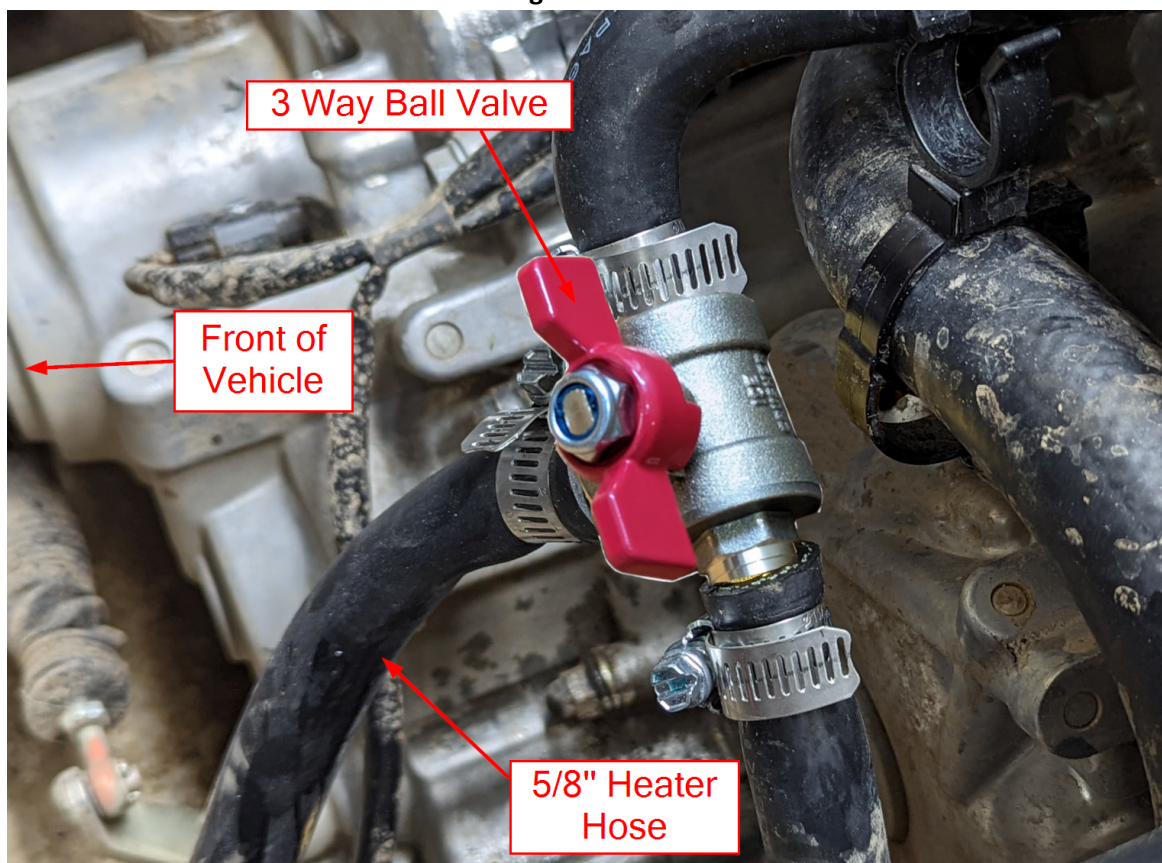


Figure 17b

18+ Honda Pioneer 1000 Deluxe Under Hood Ice Crusher Heater Kit.

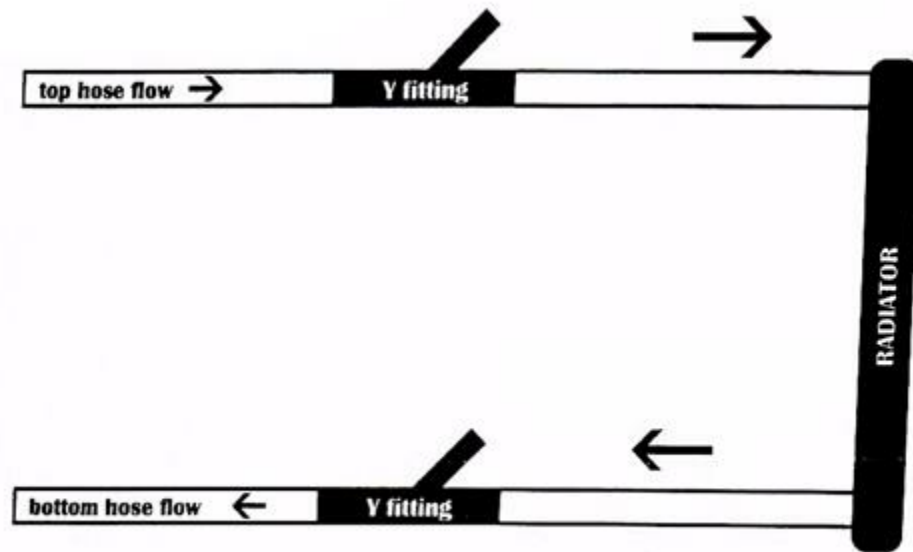


Figure 18

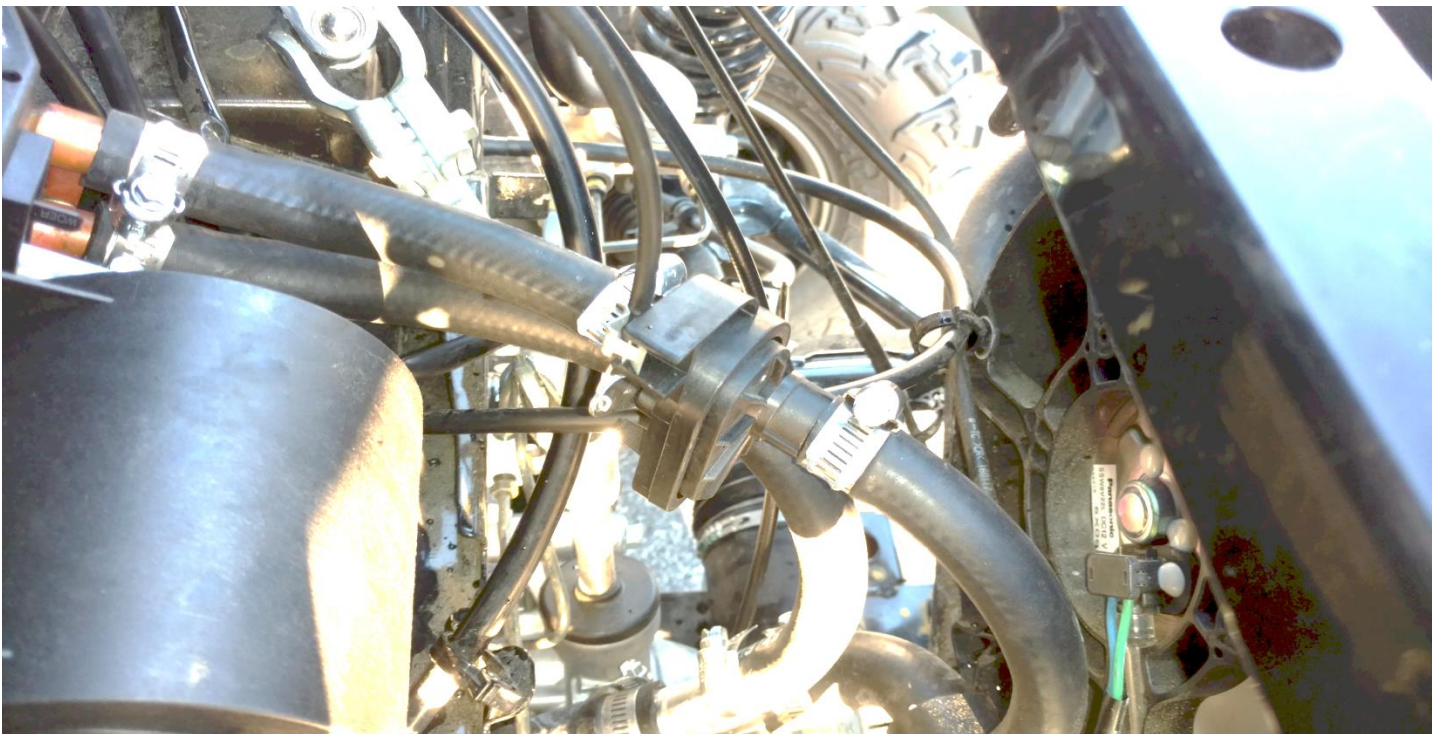


Figure 19

18+ Honda Pioneer 1000 Deluxe Under Hood Ice Crusher Heater Kit.



Figure 20

18+ Honda Pioneer 1000 Deluxe 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.

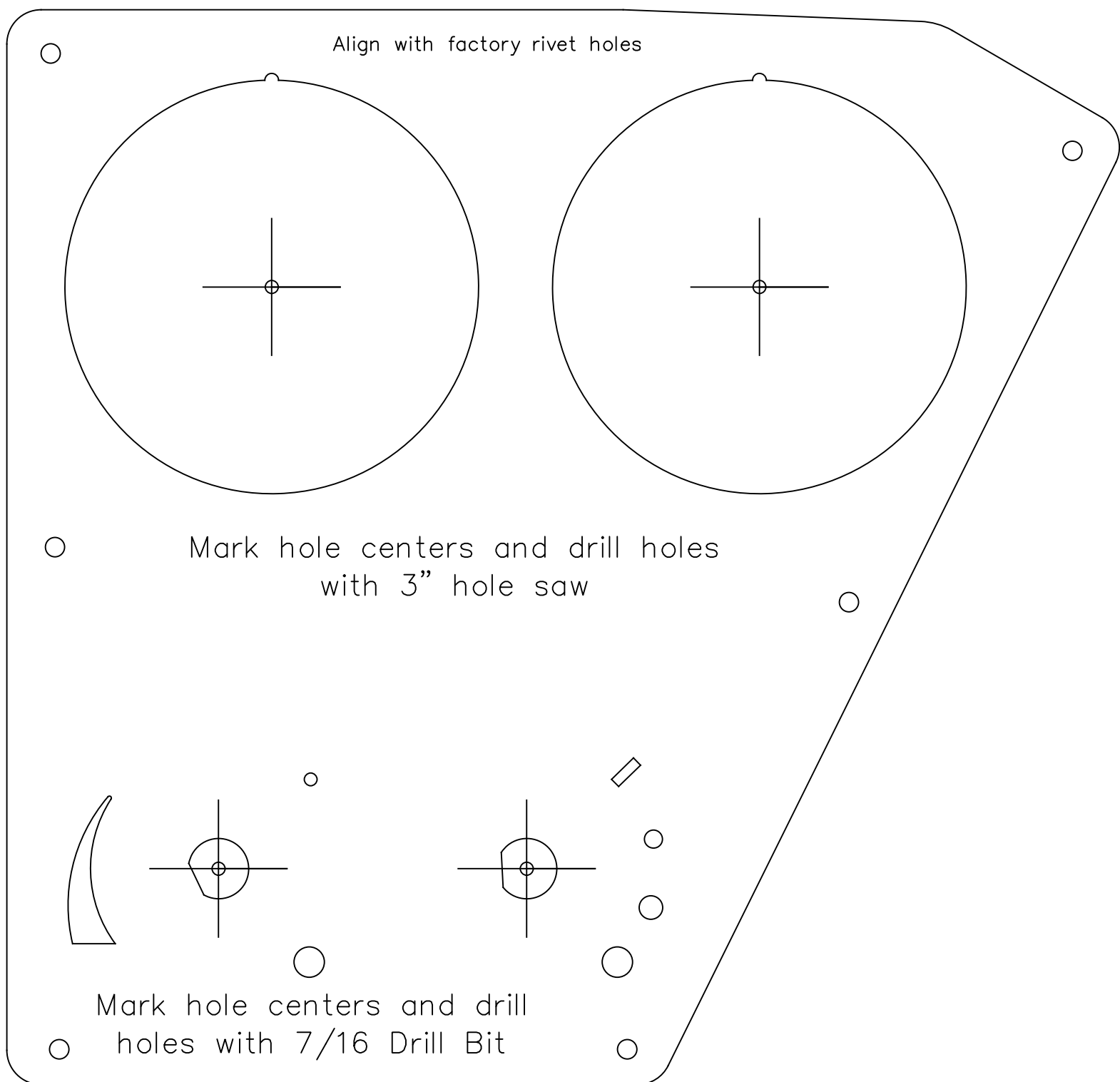
After receiving a Return Authorization Number send defective product to:

Ice Crusher Heaters

23001 Industrial Blvd

Rogers, MN, 55374

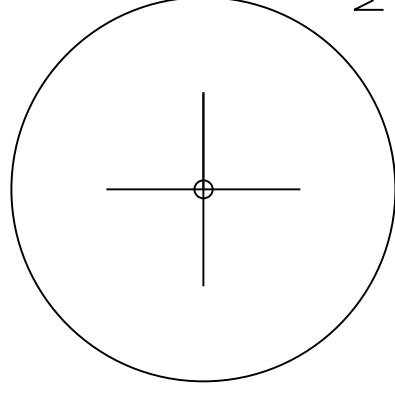
888-964-0135



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.

18+Honda Pioneer 1000 Deluxe Center Vent Template

Honda Pioneer 1000 LH Lower Vent Template



Mark hole
center for
the RH vent
hole

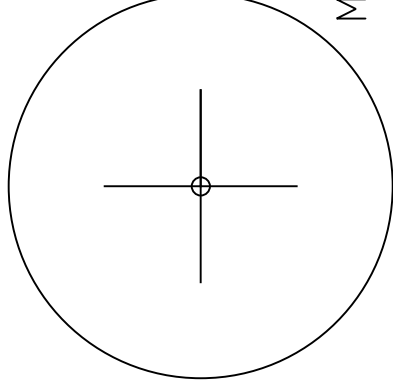
Cut along line, discard this side

Align with moulding line of firewall

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.

Honda Pioneer 1000 RH Lower Vent Template

Align this edge with the firewall edge



Mark hole
center for
the RH vent
hole

Cut along line, discard this side

Align with moulding line of firewall

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.

Heater Mounting Template

IMPORTANT NOTE:

Some Air Intake Hoses interfere with the heater when using the Primary mounting location. In this case the heater must be tilted slightly. Use the Alternate mounting location shown below.

