

Kawasaki Teryx Firestorm Heater Kit 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 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.

Remove under hood panel as shown in Figure 1 by removing push pins.

Cut out heater hose hole template and position on firewall as stated on template. Mark hole saw centers, remove template. Carefully drill heater hose holes using supplied 1 ¼" hole saw. Place supplied grommets into drilled holes.

Cut out heater mounting template and position as stated on template on the underside of dash panel. Mark hole centers, remove template. Take main heater mounting bracket and hold up under dash aligning with marked holes, check mounting alignment. Adjust marked hole centers if needed. Carefully drill holes as stated on template using a 3/8" drill.

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Install main heater mounting bracket, defrost duct (optional) with the end with tabs toward duct mounting bracket and defrost duct mounting bracket (optional) to heater as shown in Figure 2. Attach using supplied plastic mounting screws on both top and bottom side of bracket.

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. Attach heater hoses to heater unit (**Please note** lower hose clamp placement), top heater hose attach to temperature control valve and lower hose to heater core pushing the hose completely on the fitting. Install heater core support bracket to hoses as shown in Figure 3. Do not over tighten through bolt.

Take the heater support brackets and install U-Nuts as onto bracket as shown in Figure 4. Have a helper hold heater support brackets behind dash over the holes drill in dash panel. Lift heater up into position pushing heater hoses back through grommets. Fit $\frac{1}{4}$ " x $\frac{3}{4}$ " mounting bolts through the two front (heater front) holes of the main heater mounting bracket, through holes in dash and into the heater support brackets with U-Nuts, do not tighten. Fit $\frac{1}{4}$ " x $1\frac{1}{2}$ " mounting bolts through the two rear holes of the main heater mounting bracket, install a $\frac{1}{2}$ " spacer and then a supplied $\frac{1}{4}$ " fender washer over each of the two bolts through holes in dash and into the heater support brackets with U-Nuts, do not tighten. Adjust heater position, tighten mounting bolts.

Connect wiring loom to heater, red wire to red and black wire to black. Pass loom behind heater up in behind the lower dash panel to the aux power plug. Using quick connector connect red wire of loom to the factory power side of the aux power plug loom, normally the brown with red wire. Connect black wire to the factory loom ground connection under the dash. Reconnect battery, turn key on to check fan operation, disconnect battery. Use cable ties as necessary to secure loom.

Drain cooling system by removing lower radiator hose. **Important Tip:** Raise front of vehicle on jack stands or ramps before draining cooling system. This will help in preventing air locks and you won't have to drain the whole cooling system. Cut Radiator hoses as shown in Figure 5a and 5b. Insert the Y connectors exactly as shown in Fig 5a, 5b and 5c in the radiator hoses. When running hoses do not make tight bends so as not to crimp the heater 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 is connected to the top radiator hose. Cut heater hoses to length. Before connecting the hoses to the Y connectors, take a garden hose and run water through the heater hose 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 hose to Y fittings and tighten clamps. Make sure all hoses are as far away as possible from driveshaft, steering shaft and sharp areas etc. Use cable ties as necessary.

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 between the Y fitting and 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

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operating temperature, recheck heater operation. Please note heater output will be limited at idle, all testing should be done at a fast idle.

Optional Duct kit installation.

Determine where you wish to install defrost vents, Fig 6a and 6b show approximately where the vents can be located. Using supplied 2" hole saw drill holes for vents. **Before drilling any holes check area behind the dash panels to make sure no damage will occur by drilling holes and that there is sufficient room for the vent and hose.** Attach 2.5" duct hose to defrost duct (optional), and secure with cable tie. Stretch duct hose from heater to up behind dash using opening in dash as shown in Figure 7 to a length past up in behind dash area. Attach duct Y to heater duct hose, secure with a cable tie. Divide and cut 2" duct hose as required, attach each piece to the duct Y using stepdowns and secure with cable tie. Run each hose out to the vent hole and pass through the hole in dash and attach to vent inlet and secure with cable ties. Use Figure 8 as a guide. Place vents into holes, push down carefully until vents snap into place. **Important Tip:** Cleaning any burs from around hole with a knife will make installing the vent into place easier.

Refit removed dash panels

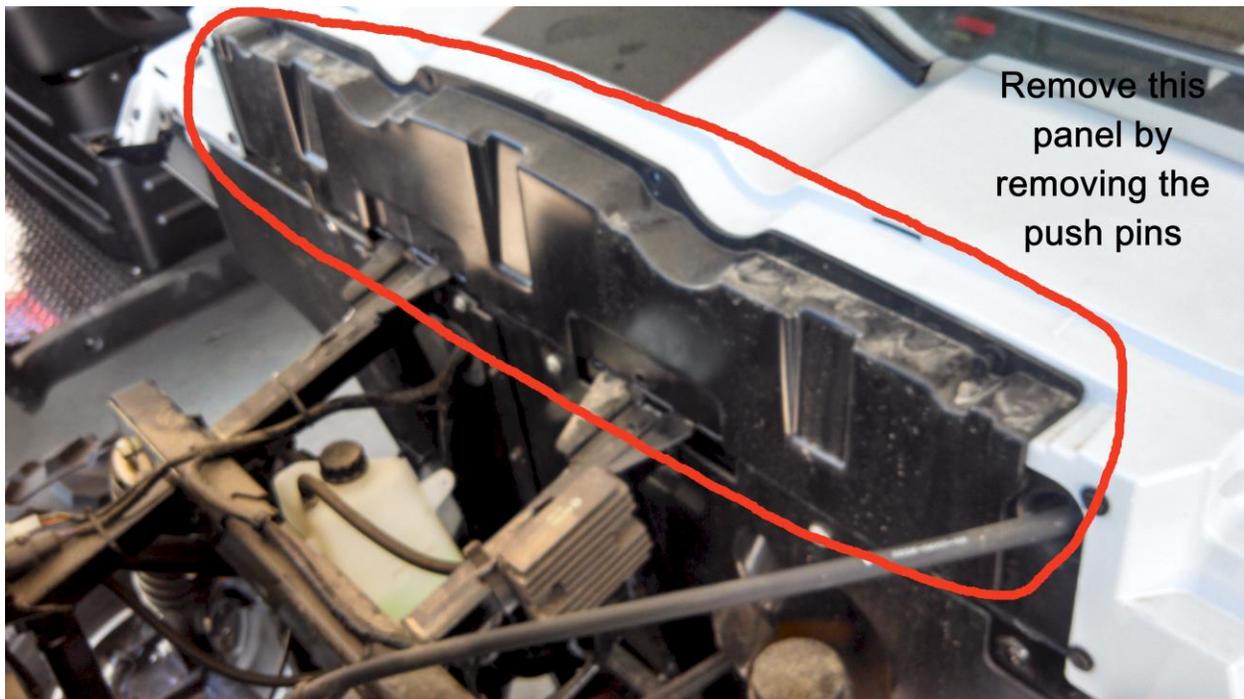


Figure 1

Kawasaki Teryx Firestorm Heater Kit Instructions.

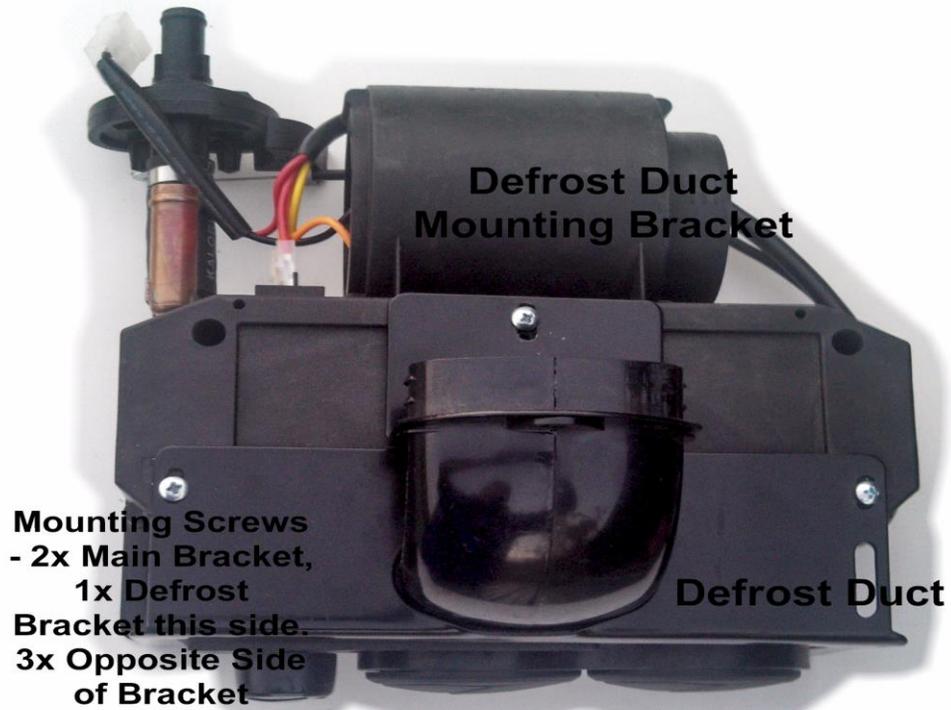


Figure 2



Figure 3

Kawasaki Teryx Firestorm Heater Kit Instructions.



Figure 4



Figure 5a

Kawasaki Teryx Firestorm Heater Kit Instructions.



Figure 5b

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

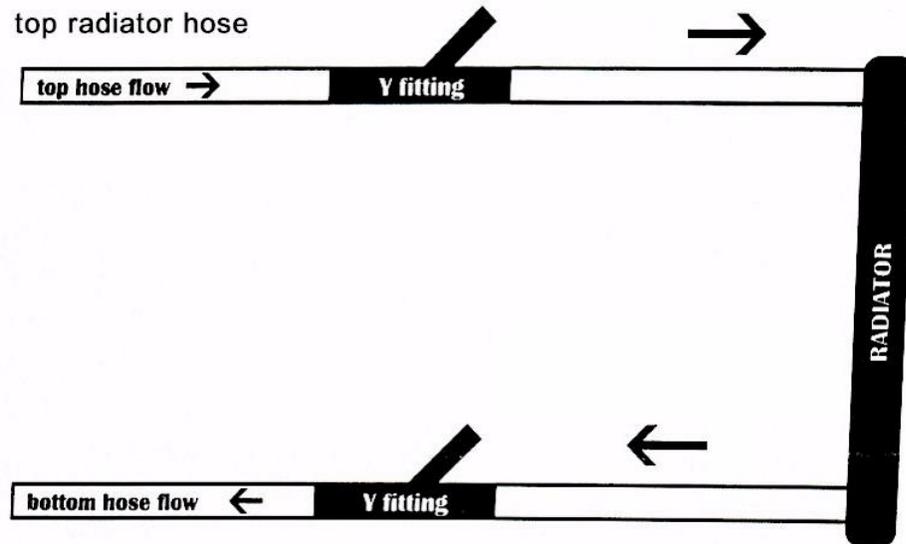


Figure 5c

Kawasaki Teryx Firestorm Heater Kit Instructions.



Figure 6a



Figure 6b

Kawasaki Teryx Firestorm Heater Kit Instructions.



Figure 7

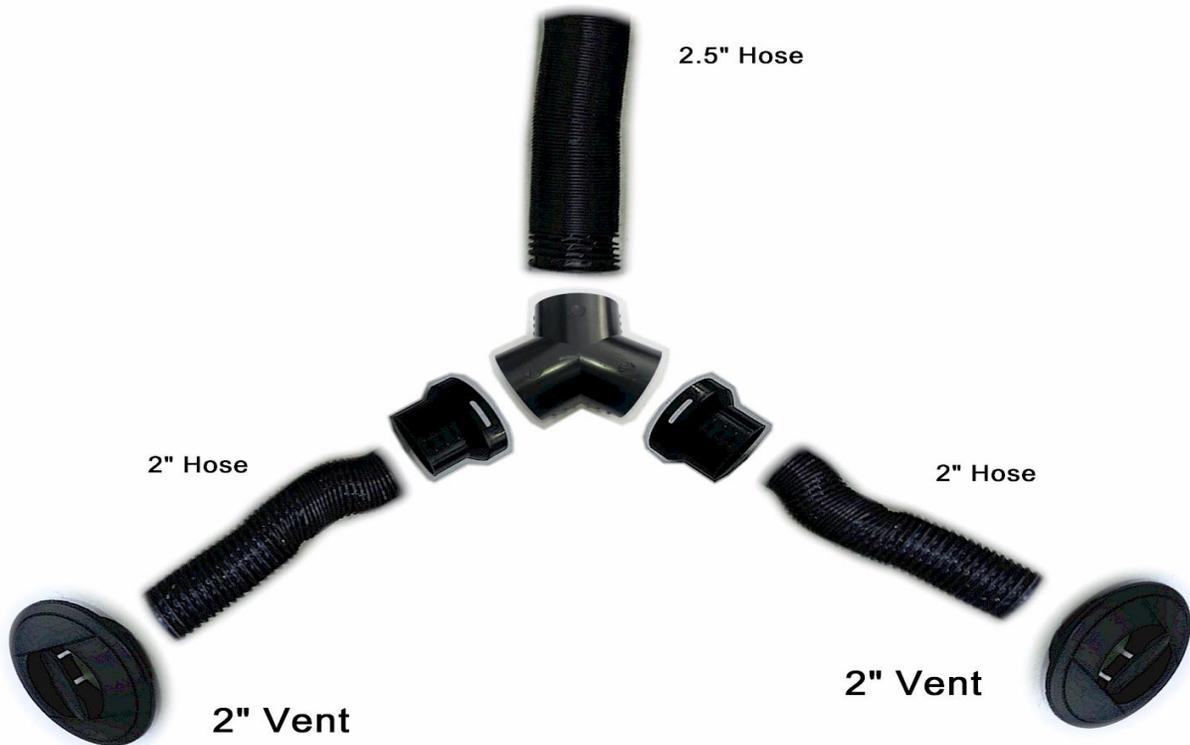


Figure 8

Kawasaki Teryx Firestorm Heater Kit Instructions.

Kawasaki Teryx Firestorm Heater Kit



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Defrost Duct Kit If Supplied

2x 2" Defrost Vents



2x Stepdowns

2" Hole Saw



2.5" Duct Y



Duct Elbow Mounting Bracket



1x 90° Duct Elbow



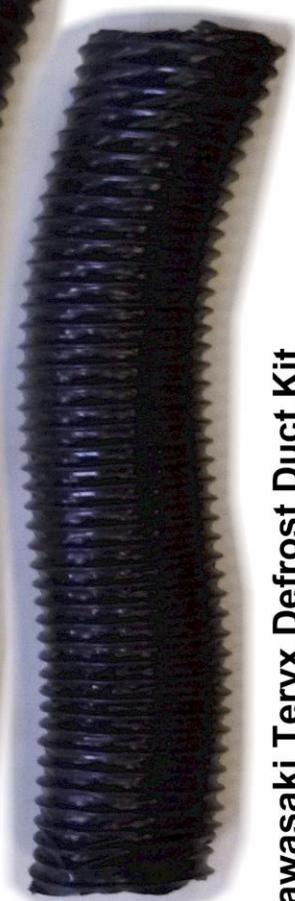
6x 12" Cable Ties



15" x 2" Duct Hose
(Compressed)



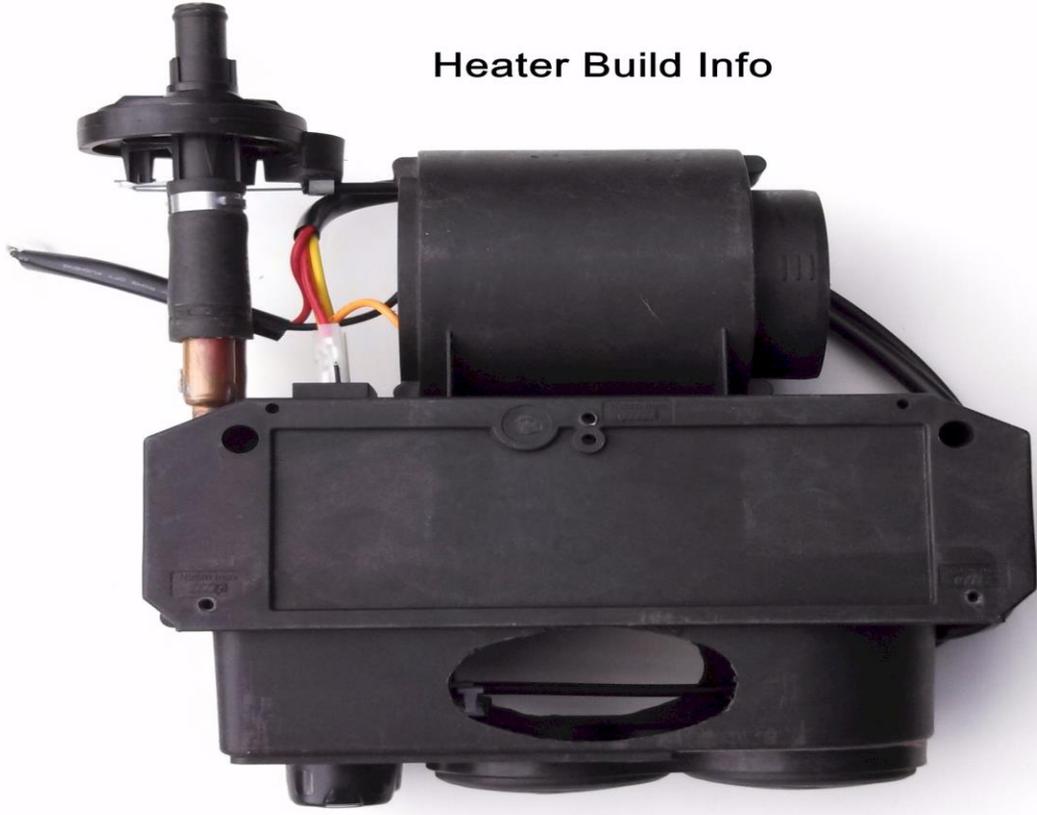
10" x 2.5" Duct Hose
(Compressed)



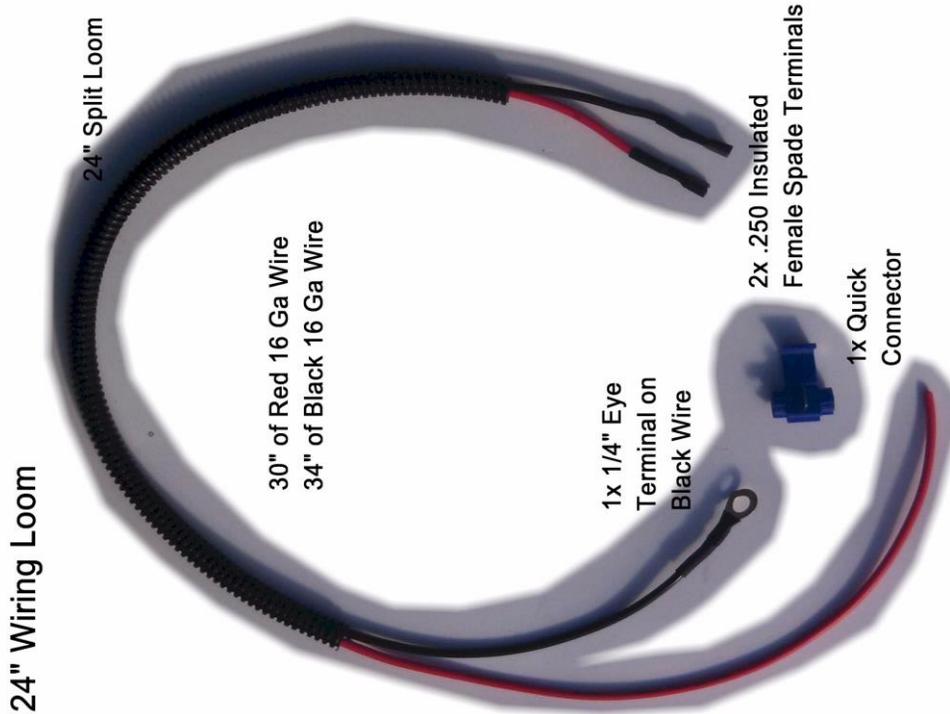
Kawasaki Teryx Defrost Duct Kit

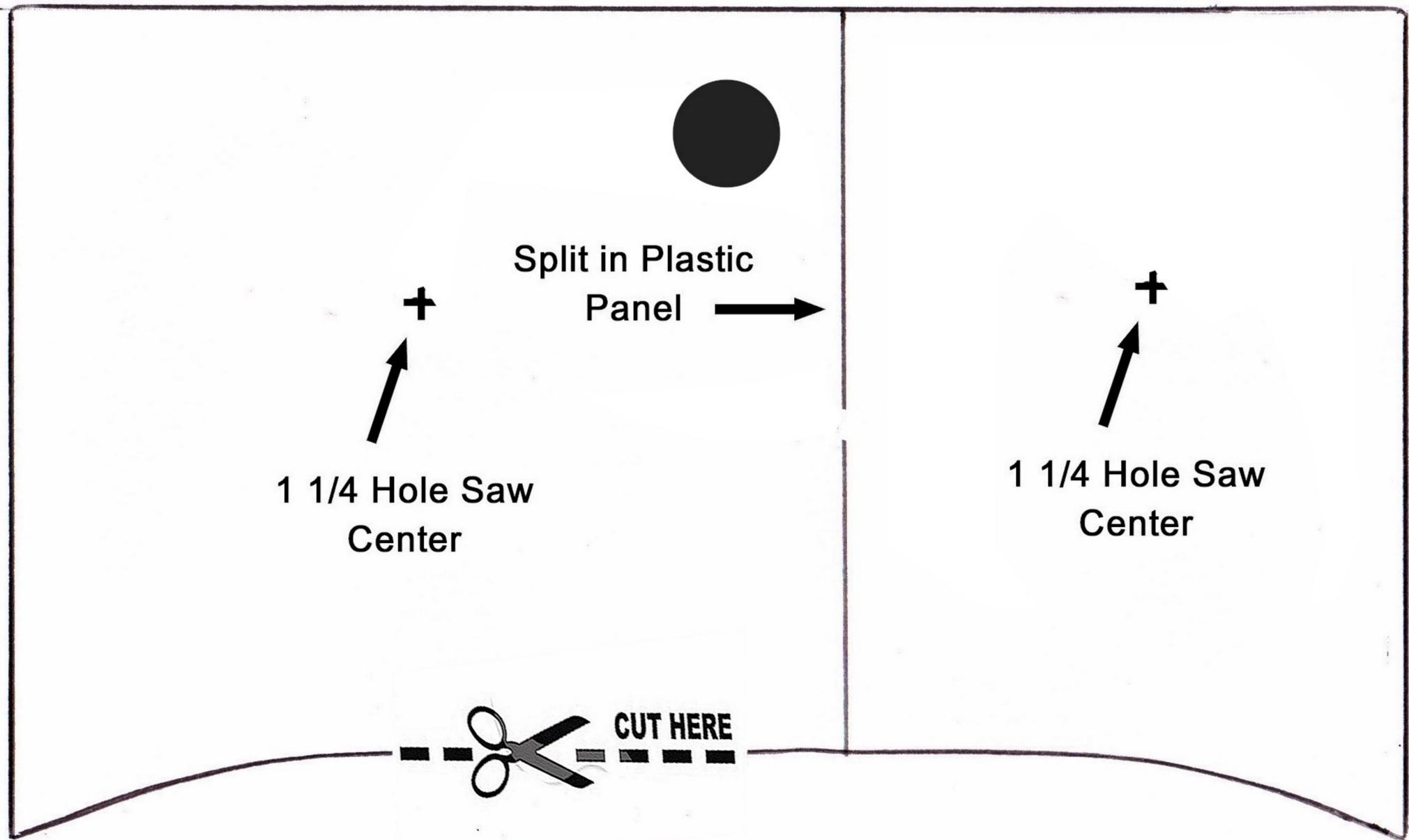
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Heater Build Info



Defrost Vent Cutout Bottom Side





Teryx Heater Hose Template.

Cut out template, locate where the template fits under the dash on the firewall above driveshaft tunnel. Mark center holes on firewall. Remove template. Using hole saw, drill hose holes in firewall. Please Note: Before you drill please check the other side of firewall behind template for anything that may interfere with the placement of the holes. Install supplied grommets. We will not be held responsible for any holes being drilled in the incorrect place.



Cut out template. Tape to underside of dash panel below cup holder. Mark hole centers on panel. Remove template. Drill 3/8" holes. Please Note: Before you drill please check the other side of firewall/dash 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. www.utvpartsandaccessories.com 1 800 596 0785

