



Heater Installation Instructions: **POLARIS 1000 RZR**

KIT NO. 2879001

NOTES: KIT NO. 2879001 POLARIS 1000 RZR

This heater unit installs inside the cab, on the center console- just forward of the cup holders on the floor/shifter console. The Dry-Box center dash compartment will be permanently removed.

Never work on a hot vehicle, severe burns can occur.

When bleeding the cooling system-check engine coolant level and burp tank often until all of the air is removed from the system.



Photo 1

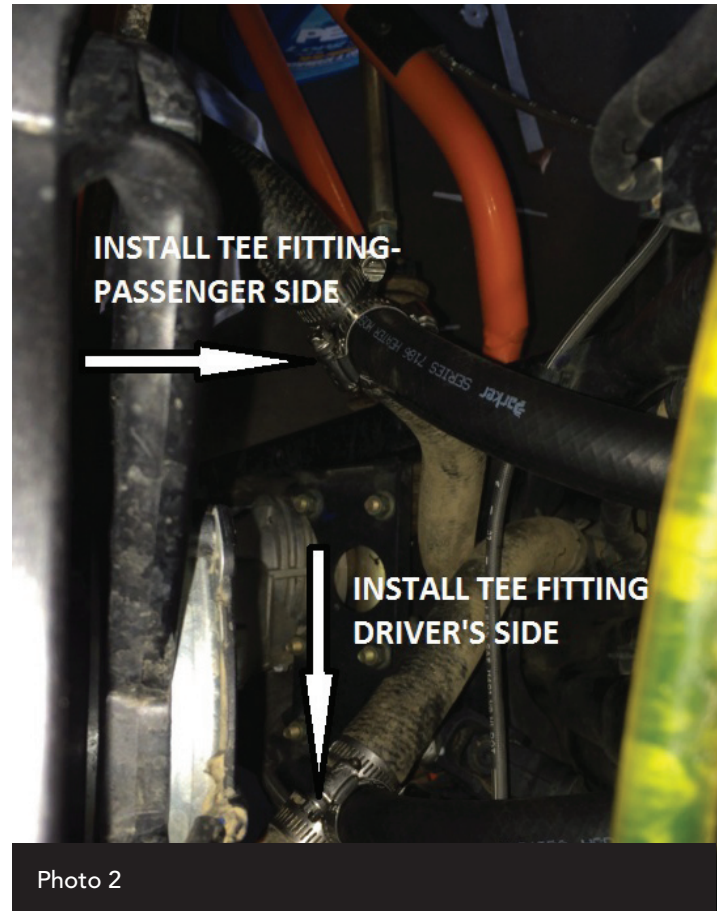


Photo 2

1. Lift the front of the RZR 1000 vehicle and secure with jack-stands. Remove the driver's and passenger side tire/wheel. Drain the coolant system by removing the lower radiator hose and reattach. Retain the coolant in a clean container for reuse.
2. Remove the seats, center dash dry-storage console, front hood/access panel, and very front black plastic push rivet in floor console- just forward of the cup holder. (Push Rivets will remove with a flat blade screwdriver)
3. Using a lock blade razor knife or hose cutting tool, carefully (straight) cut the upper and lower radiator 1.00" coolant lines, and install the two provided T fittings as shown in Photo 1 with 'branch' pointed upwards. Secure with provided #16 clamps. (Photo 2)
4. Place the cut-out template on the inside firewall just above floor console and using an 1-3/8" hole saw cut out for the heater hoses. Be sure and check on the backside (radiator side) for any obstructions prior to drilling. Install provided grommets. The holes in the firewall must be properly located to insure the unit fits in this space.
5. Attach heater mounting bracket to the bottom of heater as shown (Photo 3) and secure with the four (4) provided #8 machine screws. Attach the two 3/4" x 17.00" heater hoses to the core pipes and secure with #8 clamps.
6. Route the hoses from the cab through the firewall (Photo 4) grommets and connect to the installed T fittings installed in step 3. Place the Heater unit on top of the floor/shifter console with the bend of the bracket just forward of the cup holder. Line up the mounting hole on the backside of the bracket with the removed push rivet in step 2, and reinstall it by pushing it through the Heater bracket and back into its original mounting hole. **DO NOT INSTALL THE FRONT TWO PUSH-RIVETS AT THIS TIME.** (Refer back to Photo 3)



Photo 3



Photo 4

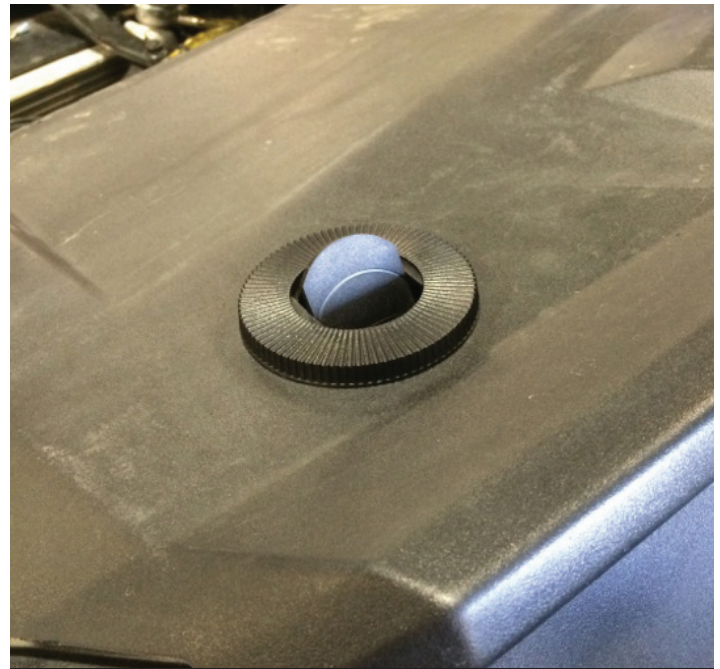


Photo 6

7. Attach the provided 2.00" vent hose to the open hose flange on the front of the heater and secure with a wire tie.
8. Remove the top dash panel's Push-Rivets to access the area where the defroster vent will be located. This piece does not need to be removed- just loose. Using the Dash Cutout Template and a 2.00" hole saw; cut the hole for the vent- ALWAYS CHECK BEHIND OR UNDERNEATH FOR CLEARANCE- BEFORE DRILLING INTO ANY SURFACE. Install vent and attach the opposite end of the vent hose from Step 7 using a zip tie to secure. (Photos 5-6)

9. Align the heater bracket on the console and drill & install the two provided Push-Rivets in the heater mounting bracket- just forward of the cup holder that were left out in Step-6. .316" Drill Bit (Photo 7)



Photo 5



Photo 7

10. Locate the Switch Cut-Out Template and locate as shown (Photo 8). Use a lock-blade razor knife to cut out the black lines on the template. Attach the switch harness to the blower harness- colors matching, and route behind the dash to the open switch cut-out. Attach the Yellow wire to (pos. 1) and the Orange wire to (pos. 3) on the switch's spade posts-as shown in the diagram.



Photo 8

11. Locate the Black ground wire from the harness and attach to the no. 2 post on the terminal block under the front access panel using a 3/8" Nut Driver. Locate the fused Red wire from the harness and attach to the no. 1 post on the terminal block- as shown (Photo 9) BE SURE TO INSTALL THE GLASS FUSE. Turn the RZR's key to the acc. position and test heater on High and Low to ensure everything works.

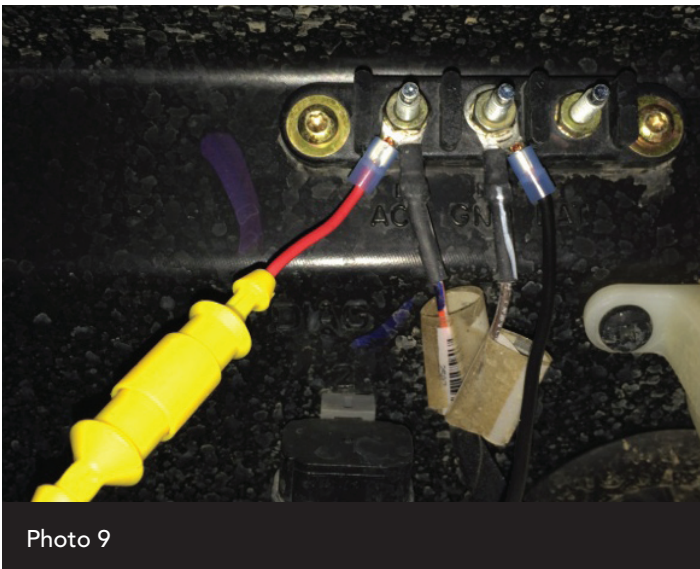


Photo 9

12. Install the Dry-Box center dash compartment's cover plate using the four no.6 tapping screws provided.
13. Go back through entire installation and ensure all screws, hose and vent clamps are secured. Reassemble the dash, seats, and tires & wheels to start the bleeding process.

14. Top off the radiator and burp tank with a 50/50 antifreeze mix, to appropriate levels. Start RZR and toggle through the system on the dash gauge to the 'coolant temperature' stage and monitor until it reads 180F then shut the vehicle off. Leave the heater in the OFF position for this step. Allow the vehicle to cool down and repeat the process until all of the air has been evacuated from the system- which can take up to 30-40 min.

14.1 The 'bleeding' process can be expedited by driving the vehicle prior to the cool down intervals and loosening the passenger Tee fitting's 3/4" hose clamp to bleed the air from system. Do this until no air is present after loosening the hose clamp and pure antifreeze comes out.

TOOLS NEEDED:

- 1/2" Screw Gun/Drill
- .316" Drill Bit
- 5/16" Nut Driver
- 3/8" Nut Driver
- 2.00" Hole Saw
- 1-3/8" Hole Saw
- Lock Blade Razor Knife
- Antifreeze Catch Basin
- 1/2-Gallon 50/50 Antifreeze (approx..)

