



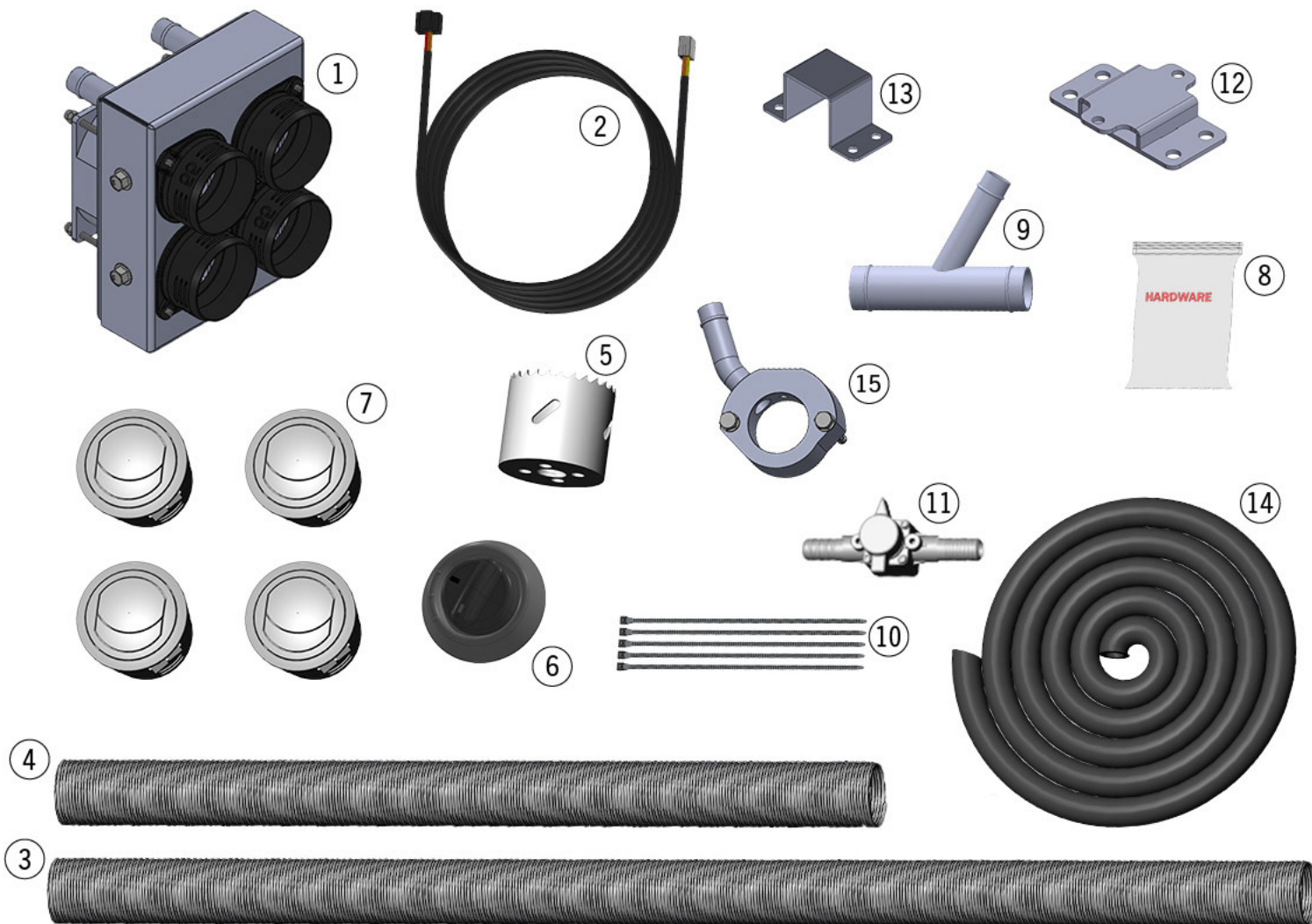
FIRESTORM
C A B H E A T E R S

Polaris Ranger 570 Cab Heater

HT_CU_404-571

INSTALLATION INSTRUCTIONS

PARTS LIST



Part#	Qty	Item Description
1	1	FIRESTORM Cab Heater Unit
2	1	36" Wiring Harness
3	24"	2" Duct Hose
4	10"	2" Duct Hose
5	1	2-1/8" Hole Saw
6	1	3 Speed Switch

Part#	Qty	Item Description
7	4	50mm Vents
8	1	Hardware
	6	#10 Hose Clamps
	2	#16 Hose Clamps
	4	5/16-18x1 Flange Bolt
	4	5/16x18 Flange Nut

Part#	Qty	Item Description
9	1	1" Aluminum Y
10	1	Zip Ties
11	1	Shutoff Valve
12	1	HT_CU_404-571-W1
13	1	HT_CU_429-1
14	1	20' Radiator Hose
15	1	BP104 Bypass



Please read all instructions before beginning installation. Verify that all parts listed are present.

We have found that several steps in this installation are easier with two people. We recommend finding a partner to assist with this installation.



When working on cooling systems, always allow vehicles to cool to avoid being burned or scalded by hot coolant.

Before working with any electrical system on your vehicle, **ALWAYS** remove the negative battery cable and secure it away from the battery terminal.

Figures Color Key | ■ Parts native to the machine ■ Parts native to FIRESTORM Cab Heater

PREPARATION

1. Remove the hood and the divider between the dash and front end. FIGURE 1

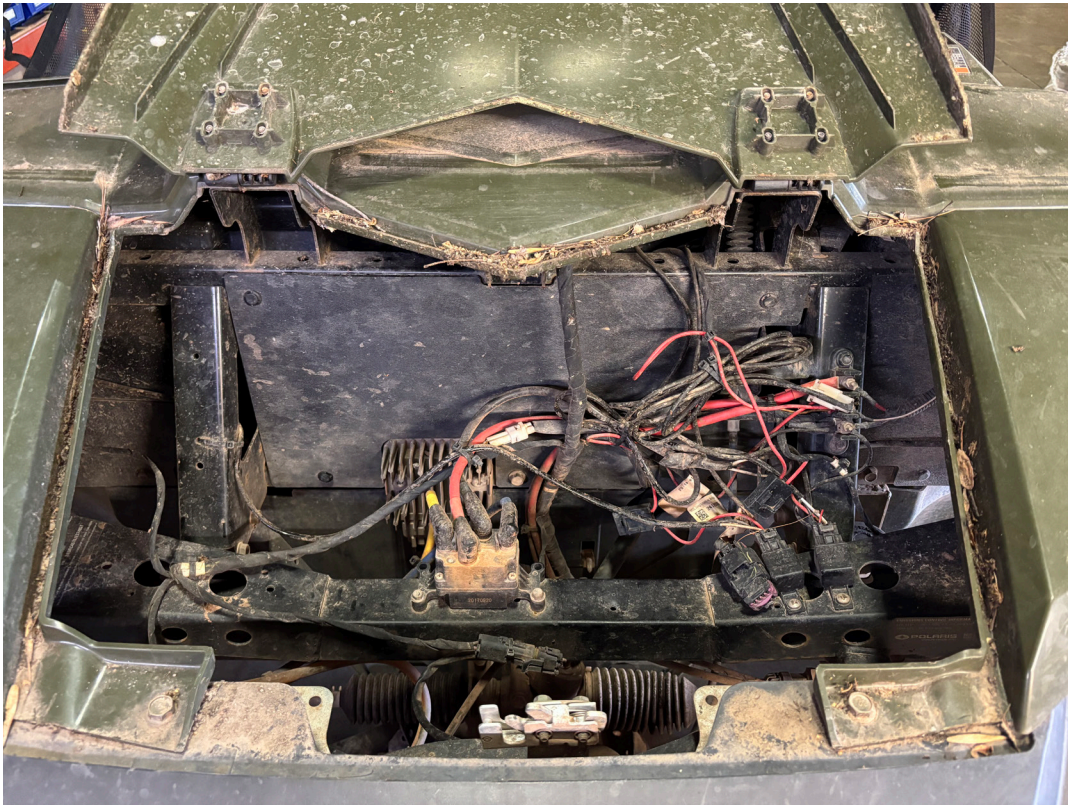
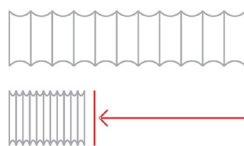


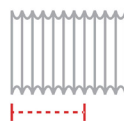
FIGURE 1

DUCT HOSE

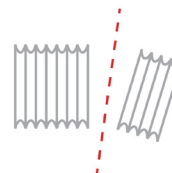
2. Cut the duct hose into 4, 8" compressed sections.



1. Compress



2. Measure



3. Cut

FIGURE 2

DEFROST VENTS

Check behind where the vents will go to ensure that no damage will occur when drilling holes.

3. Use the template to locate a spot on a raised portion of the dash.
4. Mark and cut out the section with the 2-1/8" holse saw.
5. Debur the hole and run the duct hose from the front of the machine, over the metal frame piece, and into the dash.
6. Feed hose through the hole and secure to the vent with zip ties.
7. Insert a vent into the hole. FIGURE 3

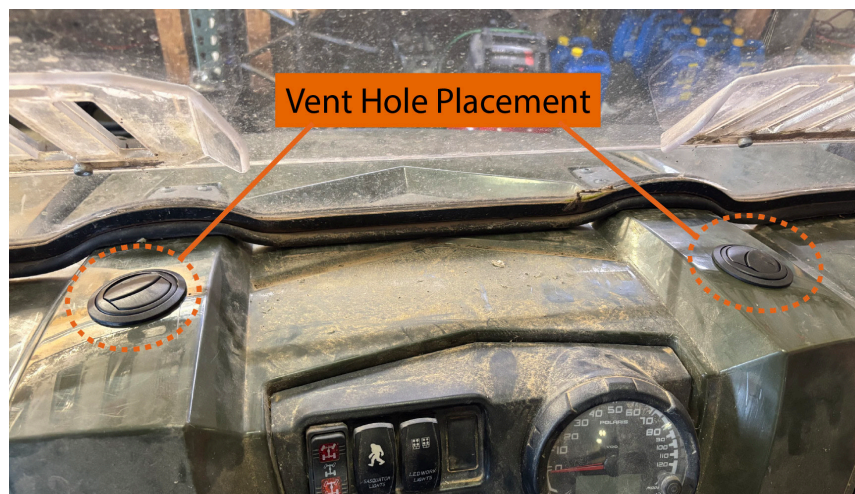


FIGURE 3

8. Repeat for the other defrost vent.

FOOT VENTS

9. Use template to locate a spot in the center dash console. FIGURE 4



FIGURE 4

10. Mark and cut out with 2-1/8" hole saw.
11. Debur the hole and run duct hose from the front of the machine, over the metal frame pieces, and into the dash.
12. Feed the hose through the hole and secure to the vent zip ties.
13. Insert the vent into the dash.
14. Use the template to locate a spot next to the steering column. FIGURE 5



FIGURE 5

15. Debur the hole and run duct hose from the front of the machine, over the metal frame piece, and into the dash.
16. Feed the hose through the hole and secure to the vent with zip ties.
17. Insert the vent into the dash.

HEATER MOUNTING

18. Connect the mount to the cross frame. FIGURE 6

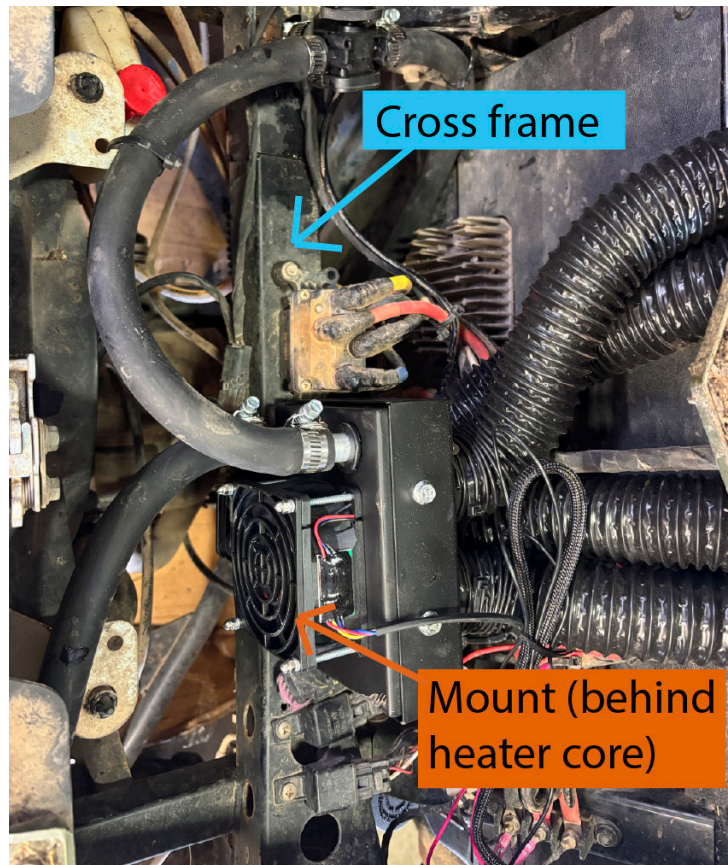


FIGURE 6

19. Use hardware on the heater to connect it to the mount.
20. Secure the duct hoses to the heater using zip ties.

ELECTRICAL

21. Locate a spot next to the steering column for the switch. FIGURE 7

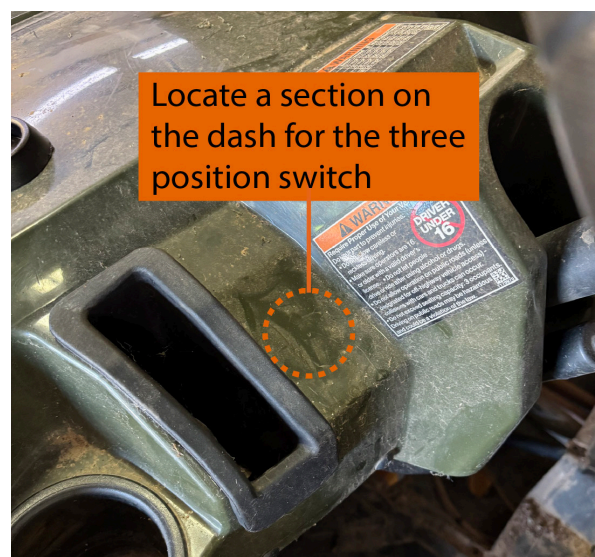


FIGURE 7

22. Use a 7/8" drill bit to make a hole.
23. Snip the nubs off the back of the switch bezel.
24. Insert switch into the dash. FIGURE 8



FIGURE 8

25. Connect the wiring harness to the switch using the black plug.
26. Connect the wiring harness to the heater using the white plug.
27. Connect the red wire to keyed power.
28. Connect the black wire to ground.

RADIATOR LINES

29. Connect the radiator to the top inlet on the heater with #10 hose clamp.
30. Run the radiator hose under the machine to the engine.
31. Locate the thermostat on the engine. FIGURE 9

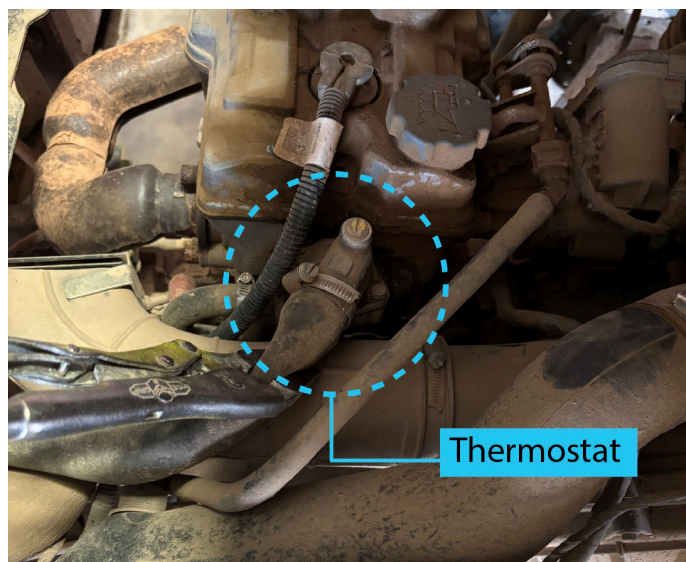


FIGURE 9

32. Disconnect the thermostat from the engine.
33. Place the thermostat pass on the engine block with the O ring side down.
34. Place the thermostat on top of the bypass and reconnect to the engine block. FIGURE 10

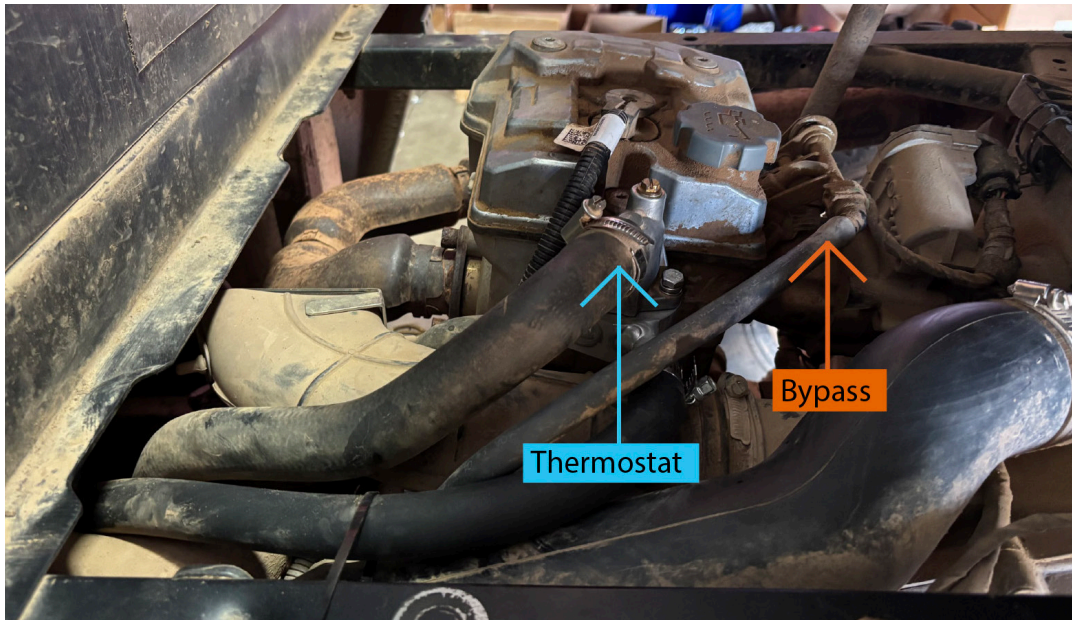


FIGURE 10

35. Run the radiator hose to the bypass, trim any excess, and connect the bypass with a #10 hose clamp.
36. Locate a spot on this line for the shutoff valve. FIGURE 11

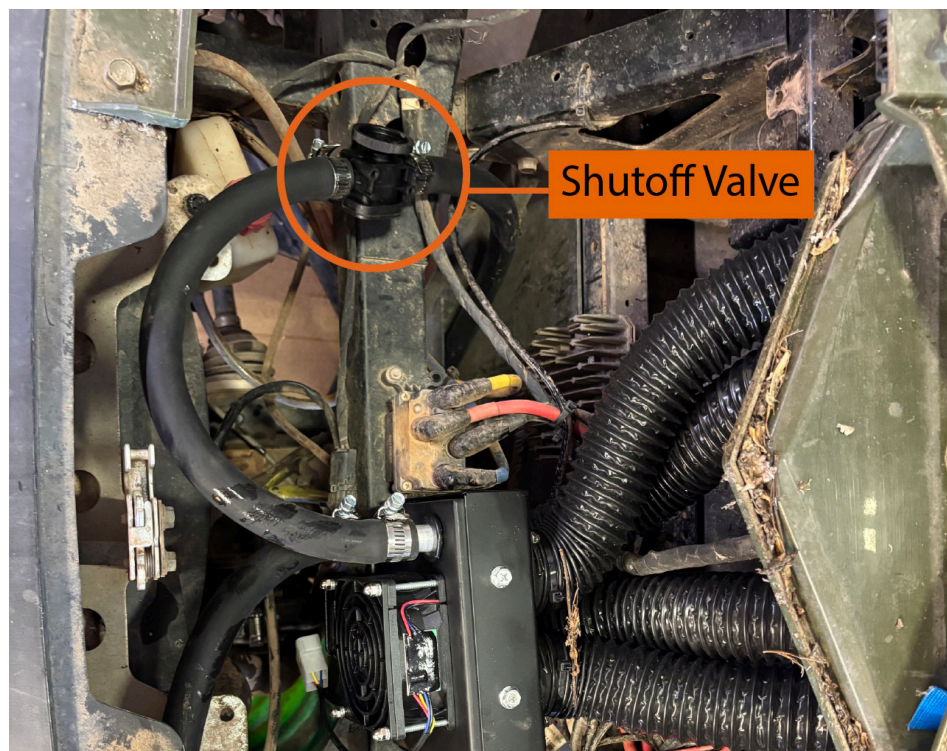


FIGURE 11

37. Cut and connect shutoff valve with #10 hose clamps.
38. Connect the remaining radiator hose to the heater core using a #10 hose clamp.
39. Locate a spot on the lower driver side radiator hose for the aluminum Y.
40. Cut the hose and insert the aluminum Y, facing up, secure with #16 hose clamp.
41. Connect the radiator hose from the heater to the Y with #10 hose clamp, trim any excess.

BLEEDING THE COOLANT SYSTEM

Read entire section before proceeding

 Some amount of air will have made its way into the coolant system. The following bleeding procedure must be performed to eliminate the air and obtain heat. The following procedure is most easily accomplished with the help of a partner.

42. Fill the radiator with coolant until it is full.
43. Open the shutoff valve.
44. Close the radiator cap and drive the machine around until heat comes through the vents or the machine's engine temperature goes above 200°F.
45. Turn off the machine and wait for it to fully cool.
46. Open the radiator cap and add more coolant.
47. Repeat the steps in this section until consistent heat is coming out of the vents and the machine temperature gauge stays under 200°F.
48. Check for any leaks and clean up any coolant that spilled out during this process.

Look at owner's manual for manufacturer-approved coolant

