



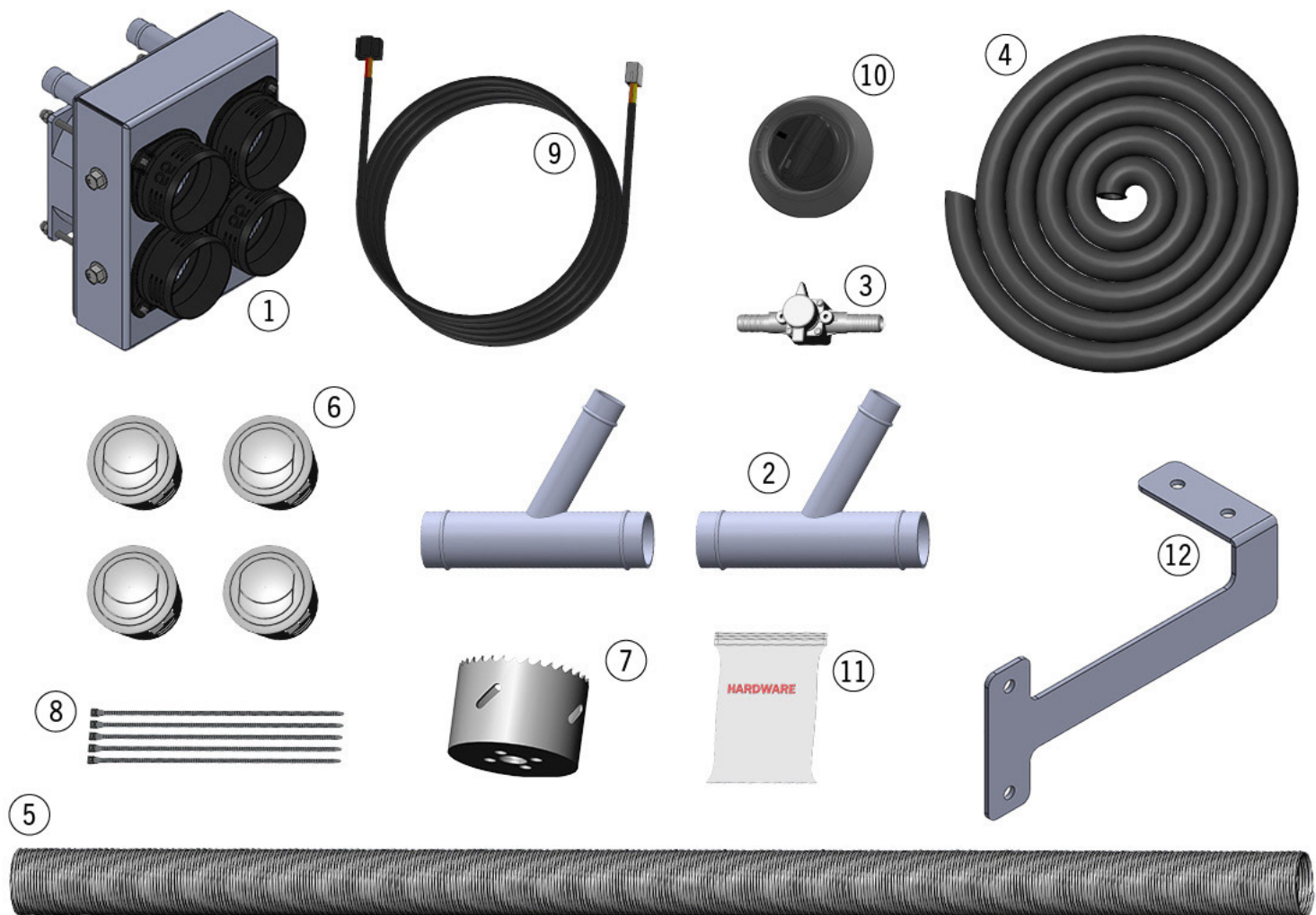
FIRESTORM
C A B H E A T E R S

Kawasaki Teryx 4 Cab Heater

HT_CU_433

INSTALLATION INSTRUCTIONS

PARTS LIST



Part#	Qty	Item Description
1	1	FIRESTORM Cab Heater Unit
2	2	1" Aluminum Y
3	1	Plastic Shutoff Valve
4	1	10' Radiator Hose
5	24"	2" Duct Hose

Part#	Qty	Item Description
6	4	50mm Vents
7	1	2-1/8" Hole Saw
8	1	Zip Ties
9	1	60" Wiring Harness
10	1	3 Position Switch

Part#	Qty	Item Description
11	1	Hardware
	6	#10 Hose Clamps
	4	#16 Hose Clamps
	1	Displacement Crimp
12	1	HT_CU_433-3 Mount



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 front trim.
2. Remove the seats.
3. Remove the shifter knob.
4. Remove the center console.
5. Remove passenger side of center console. FIGURE 1

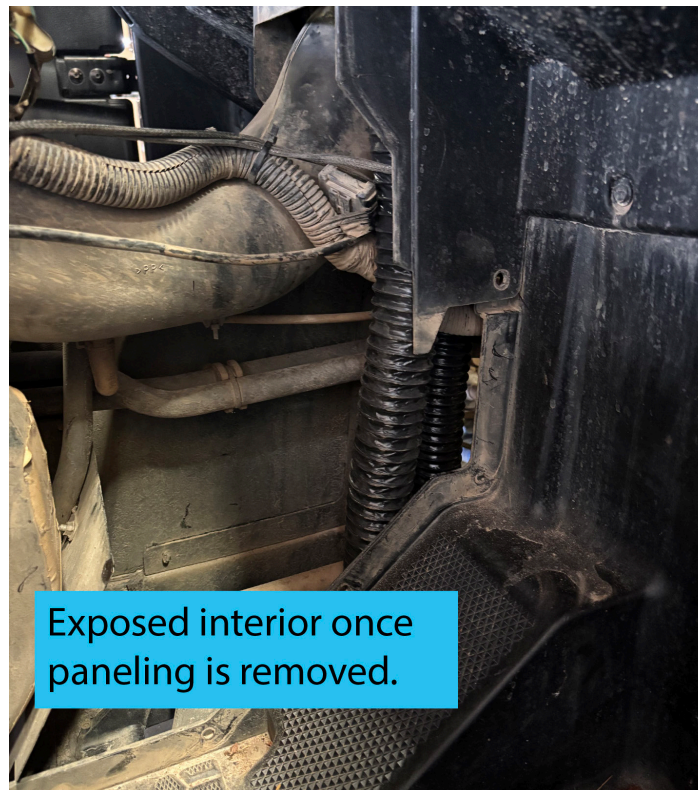
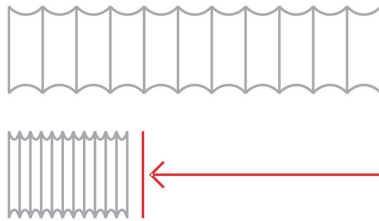


FIGURE 1

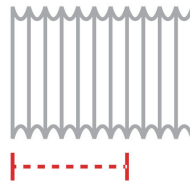
6. Remove the top dash section.

Duct Hose

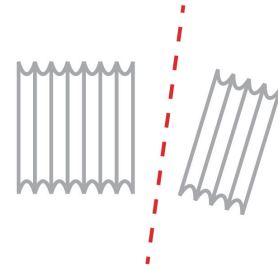
7. Cut the 24" of duct hose into the following sizes.
- A. 8" compressed hose
 - B. 9" compressed hose
 - C. 3" compressed hose
 - D. 2" compressed hose



1. Compress



2. Measure



3. Cut

FIGURE 2

Defrost Vents

8. Route the 9" compressed hose from the driver side upper dash to the center console. FIGURE 3

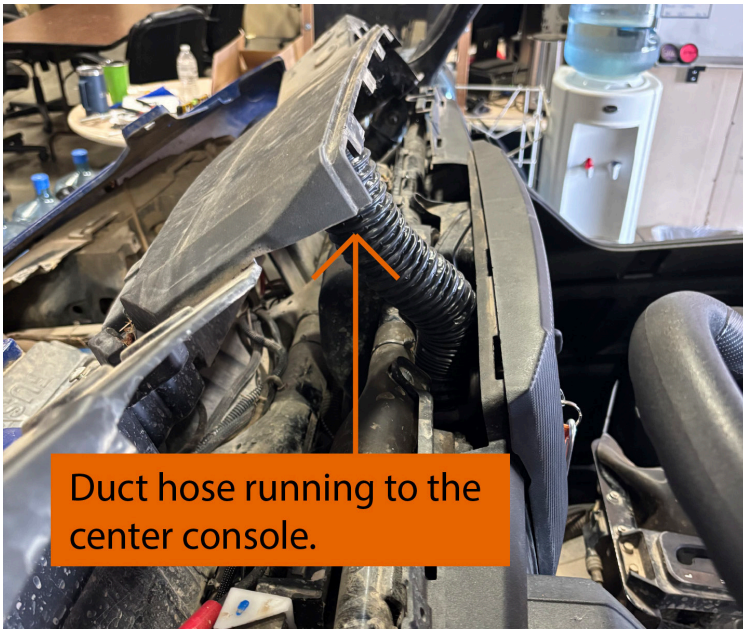


FIGURE 3

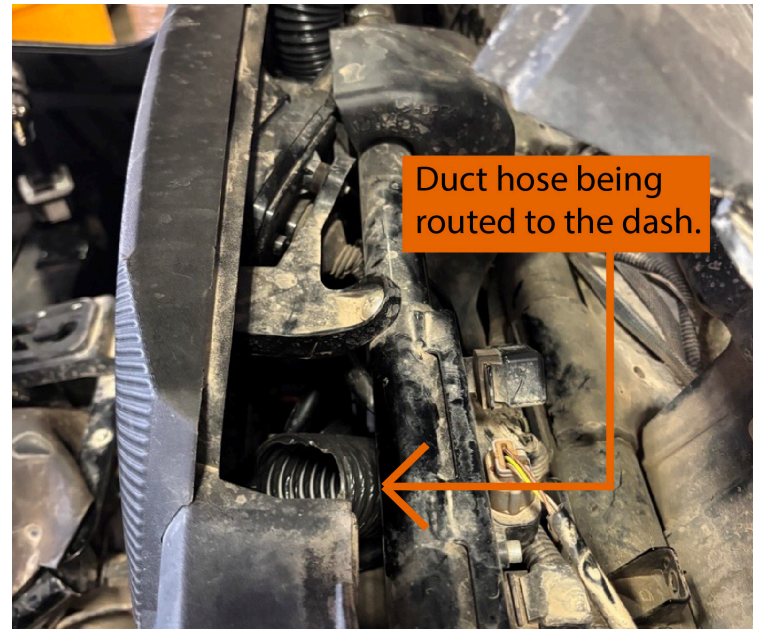


FIGURE 4

9. Route the 8" compressed hose from the center console to the passenger side upper dash. FIGURE 4

10. Using the vent templates, mark a spot above the driver side duct hose. The center of the template should be 2-1/16" from the front edge of the dash.
11. Using the vent templates mark a spot above the passenger side duct hose. The center of the template should be 2-1/16" from the front edge of the dash.
12. Use the 2-1/8" hole saw to drill out both holes and debur the hole.
13. Insert the 50mm vents and secure to duct hose using zip ties.
14. Secure the duct hose to the upper heater ports with zip ties.

Heater Mounting

15. Connect the mount to the forward radiator line bracket.
16. Connect the heater to the bracket.

Electrical

17. Mark a spot to the right of the steering column. FIGURE 5

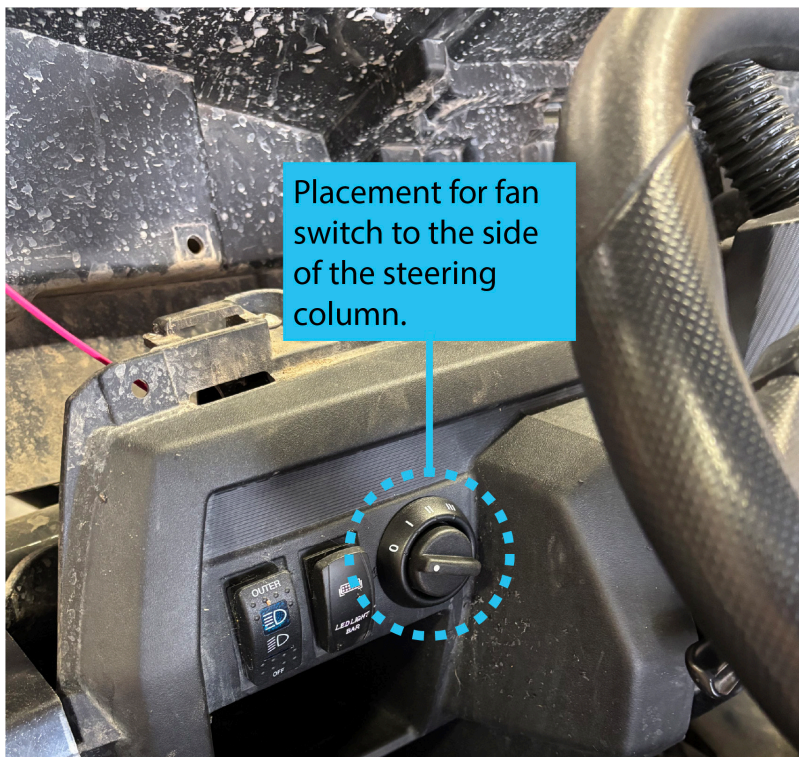


FIGURE 5

18. Use 7/16" drill bit to drill out a hole for the switch.
19. Trim numbs off plastic switch bezel.
20. Insert the switch into the dash.
21. Connect the black plug on the wiring harness to the switch.
22. Connect the white plug to the heater.
23. Run the black wire to ground (a ground connection?).
24. Connect the red wire to the accessory power wire off the voltage block using the displacement crimp.

Radiator Hose

25. Locate a spot on the driver side radiator hose.
26. Cut the hose and insert the 1" aluminum Y facing the radiator, secure with #10 hose clamps.

FIGURE 6

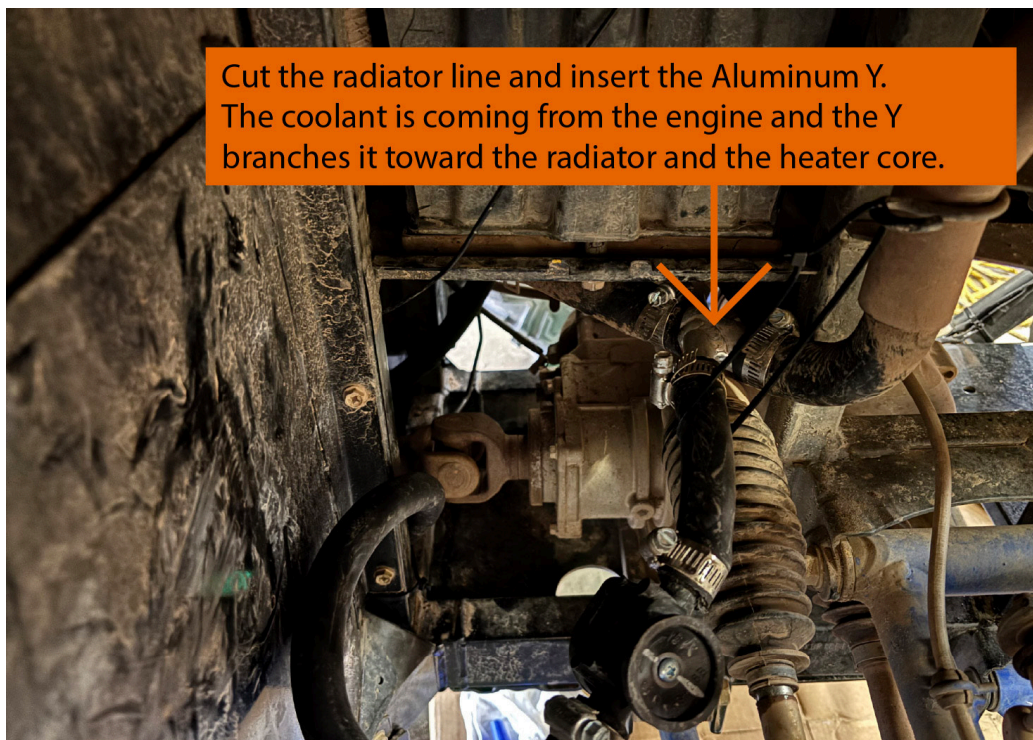


FIGURE 6

27. Secure 5/8" radiator hose to the aluminum facing the radiator, secure with #16 hose clamps.
28. Secure radiator hose to the driver side port on the heater.
29. Cut and insert the shutoff valve on 5/8" radiator line. FIGURE 7

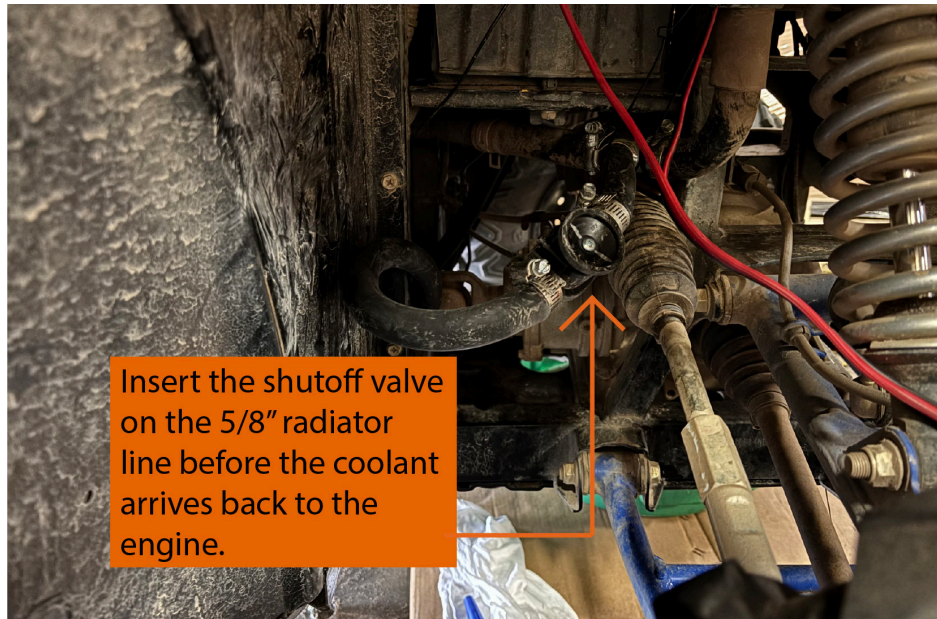


FIGURE 7

30. Locate a spot on the passenger side radiator hose.
31. Cut the hose and insert the 1" aluminum Y facing the radiator, secure with #16 hose clamps. Secure radiator hose to the passenger side port on the heater.
32. Reinstall the dash and trim pieces.

Lower Vents

33. Locate and mark a spot in the driver footwell for a vent. FIGURE 8

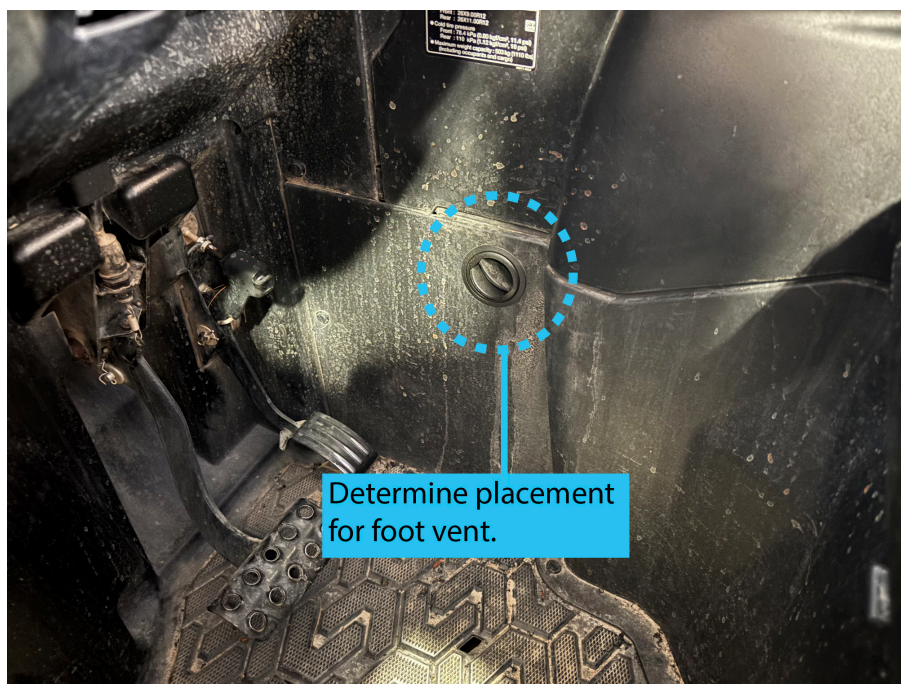


FIGURE 8

34. Use 2-1/8" hole saw to drill out a hole and debur the hole.
35. Insert a vent and secure to 2" compressed duct hose with a zip tie.
36. Secure the 2" compressed duct hose to the heater with a zip tie.
37. Secure 3" duct hose to the heater with a zip tie.
38. Reinstall the passenger side center console.
39. Mark a spot for the passenger side foot vent.
40. Drill out with the 2-1/8" hole saw and debur the hole.
41. Insert a vent and secure the duct hose with zip ties. FIGURE 9

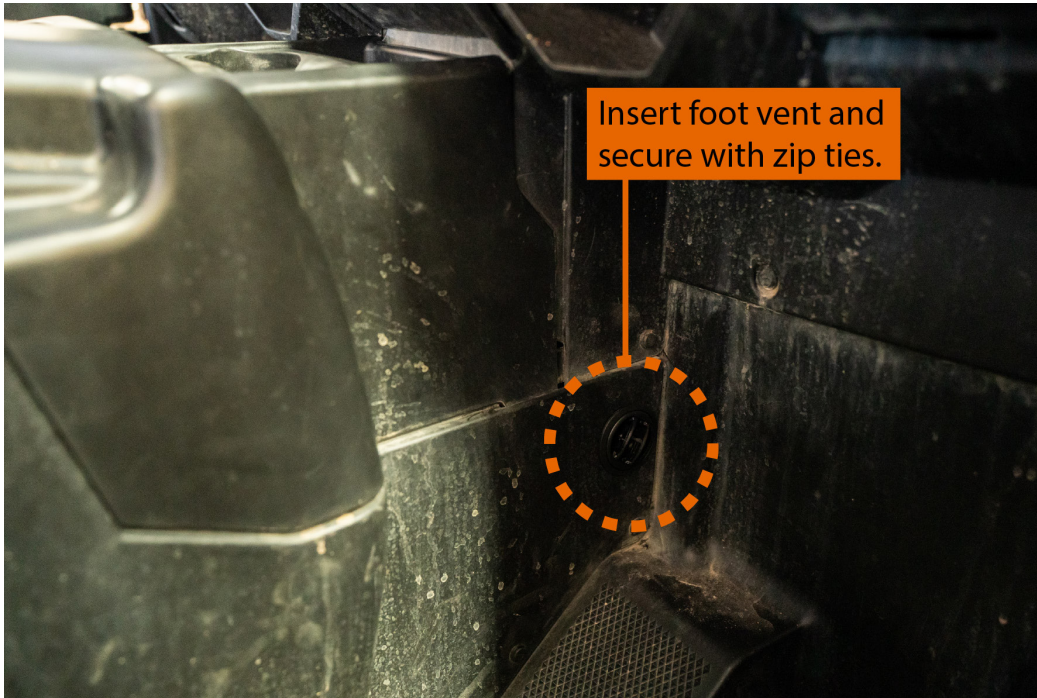


FIGURE 9

42. Reinstall the center console.
43. Reinstall the seats.

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.

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

 Look at owner's manual for manufacturer-approved coolant