

HEATER KIT



P/N 2881865

APPLICATION

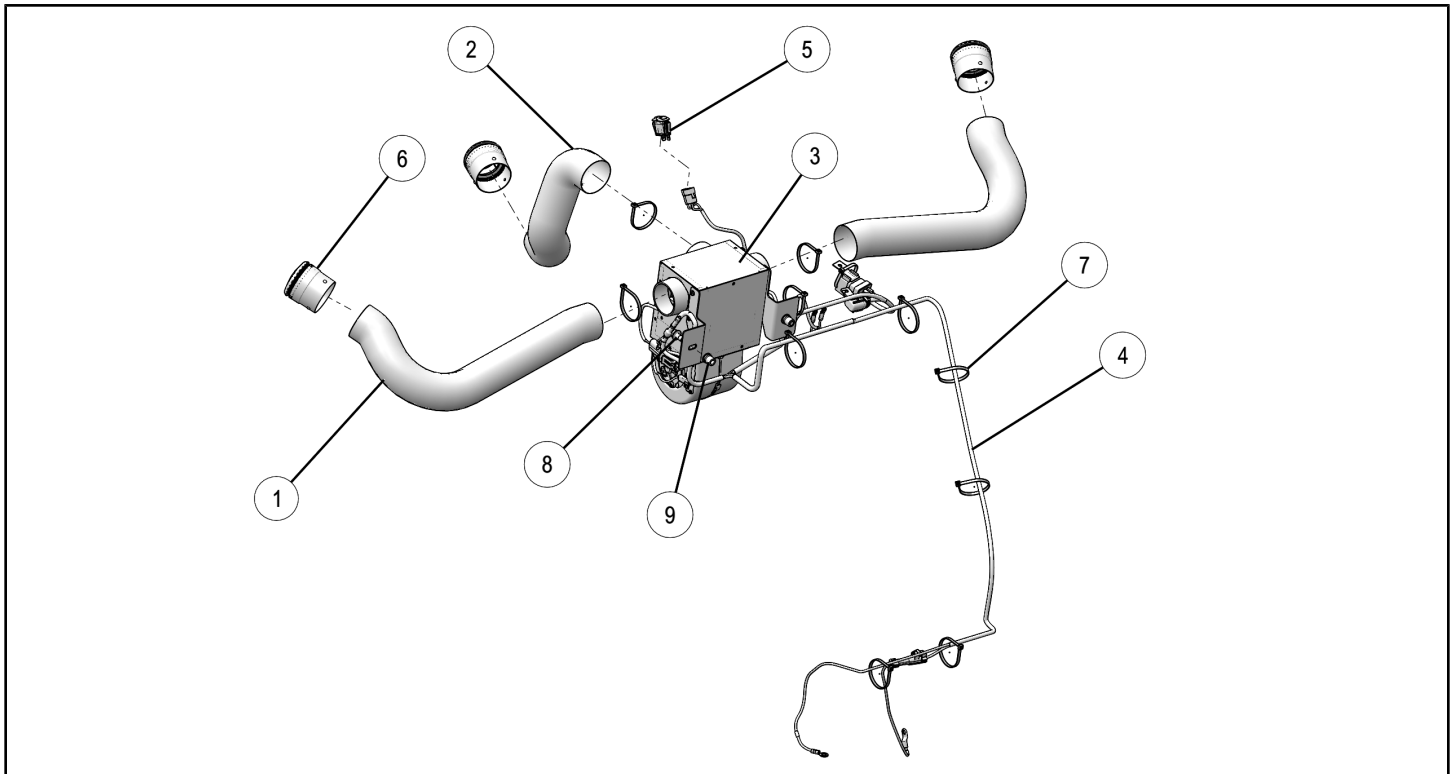
E2, E4, E6, and eL XD

BEFORE YOU BEGIN

Read these instructions and check to be sure all parts and tools are accounted for. Please retain these installation instructions for future reference and parts ordering information.

KIT CONTENTS

This Kit includes:



REF	QTY	PART DESCRIPTION	PART NUMBER
1	2	Upper Duct	5452395
2	1	Lower Duct	5452396
3	1	Heater/Blower Assembly	2413191
4	1	Heater Harness	2413351
5	1	Heater Switch	4015780
6	3	Heater Vent, Round	5452359
7	13	Panduit Strap	7080492
8	2	Screw, Hex Flange - M8 X 1.25 X 20	7519133
9	2	Rivnut - M8 X 1.25	7547788
	1	Instructions	9926976

TOOLS REQUIRED

- Wire Cutter
- Phillips Screwdriver
- Flat Head Screwdriver
- 13mm Socket
- Jig Saw/Hole Saw/Dremel
- Ratchet
- 8mm Socket
- 1/2in socket

IMPORTANT

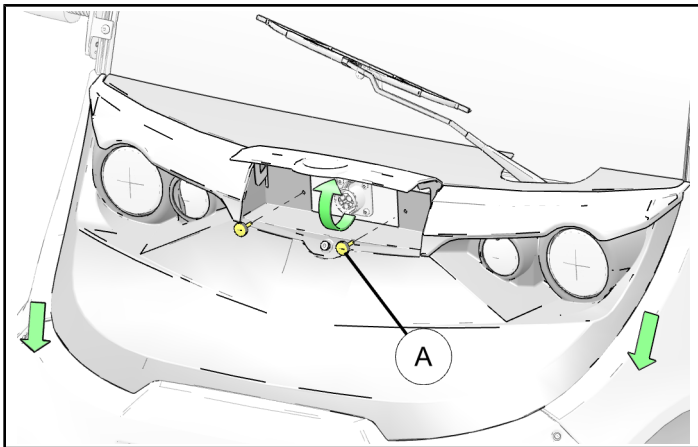
Your HEATER KIT is exclusively designed for your vehicle. Please read the installation instructions thoroughly before beginning. Installation is easier if the vehicle is clean and free of debris. For your safety, and to ensure a satisfactory installation, perform all installation steps correctly in the sequence shown.

ASSEMBLY TIME

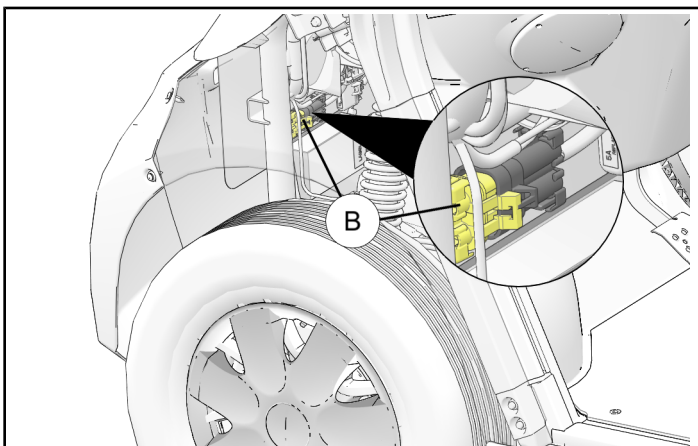
Approximately 75 minutes

INSTALLATION INSTRUCTIONS

1. Place vehicle in "PARK". Turn key to "OFF" position and remove from vehicle.
2. Flip open charge port door and remove two thumb screws (A). Pull the hood in direction of arrow (parallel to ground) and remove from vehicle



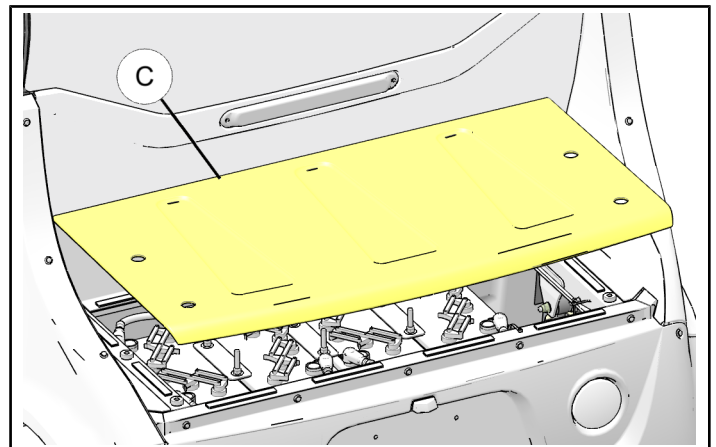
3. Disconnect the front vehicle main connector (B).



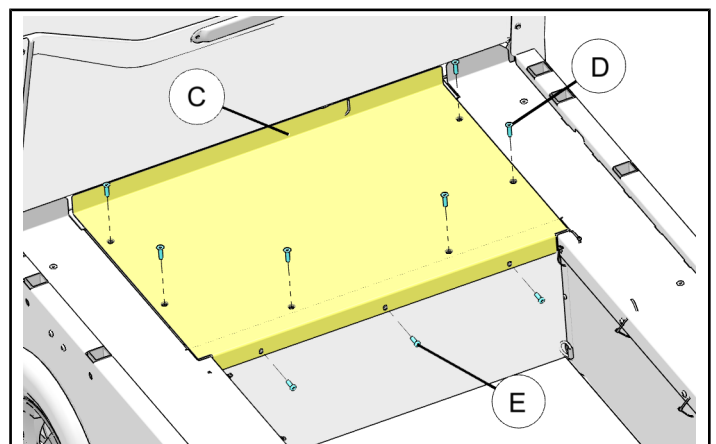
4. Battery access cover removal.
 - a. **For E2, E4, and E6:** Remove rear battery access cover (C).

NOTE

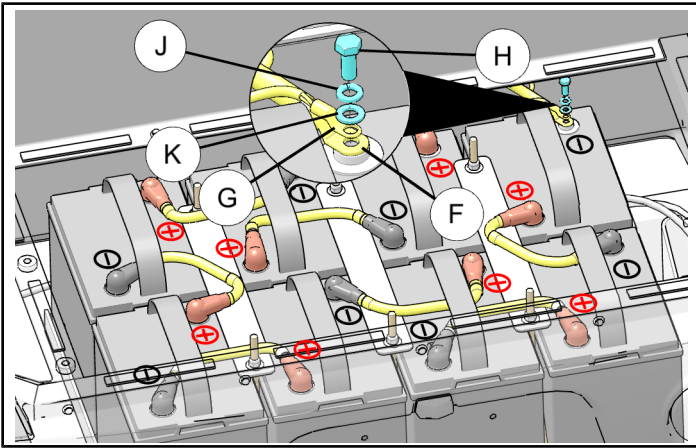
Battery access cover is attached with Velcro to the rear aluminum frame.



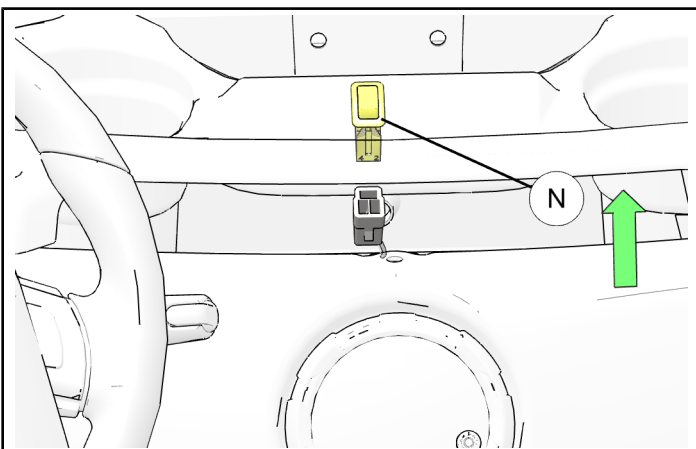
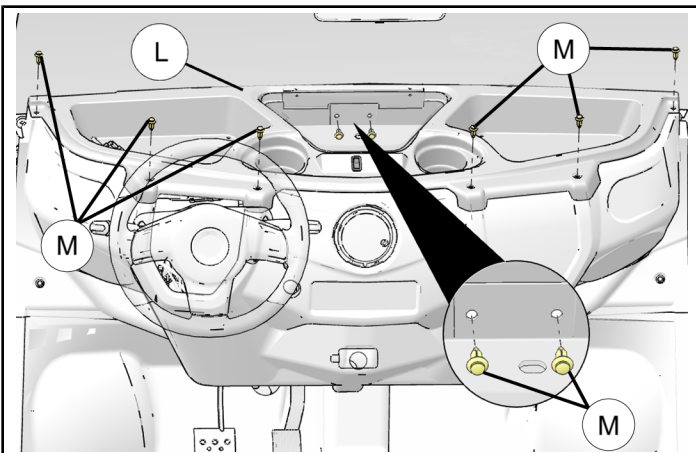
- b. **For eL XD:** Remove six socket head screws (D) and three screws (E) using 5mm socket and ratchet to remove rear battery access cover (C).



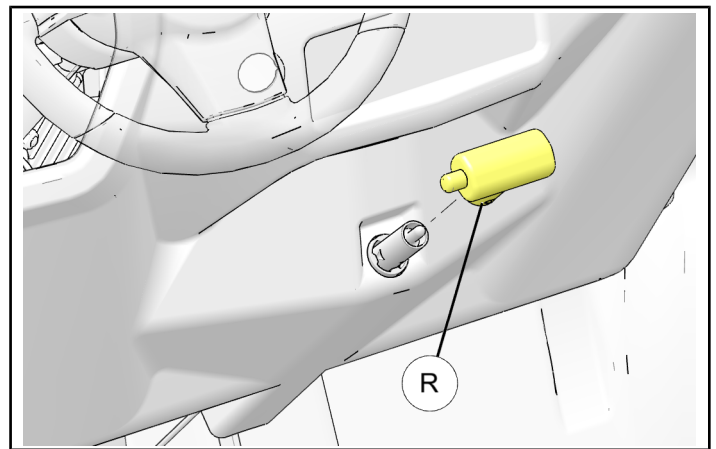
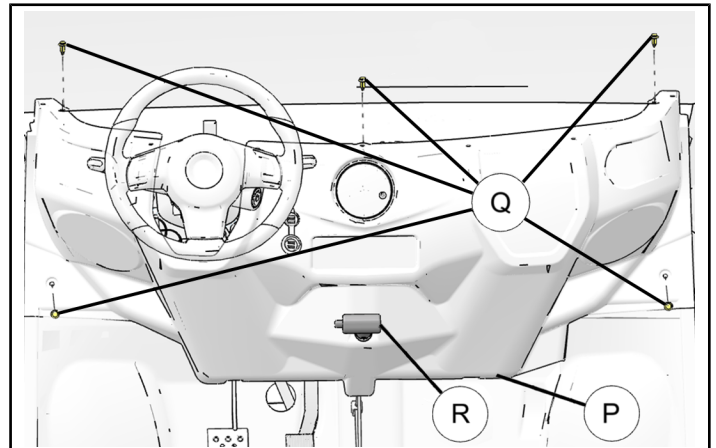
5. Disconnect battery pack in the rear of the vehicle. Disconnect the most negative terminal (F) (this will be always most forward and RH negative terminal of your battery pack) and temperature sensor (G) by removing screw (H) and washers (J) (K). Use 13mm socket and ratchet for hardware removal.



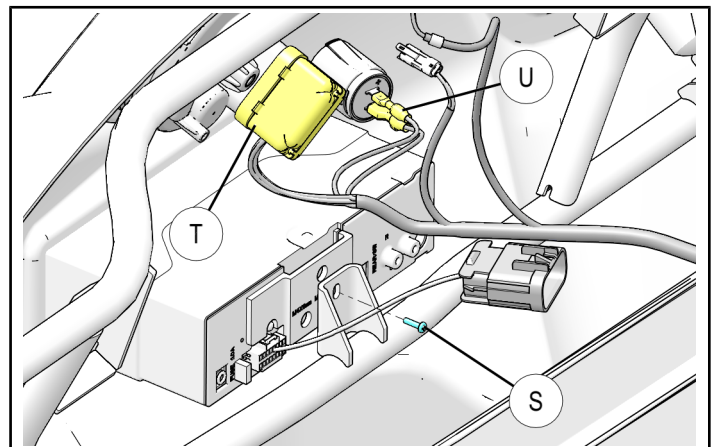
6. Using wire cutter or flat head screw driver, remove eight push rivets (M) from upper dash panel (L). Slowly lift upper dash panel and disconnect the switch (N).



7. Remove five push darts (Q) from lower dash panel (P) and use Phillips screw driver to remove parking brake handle (R). Use 13mm socket and ratchet for push darts removal.

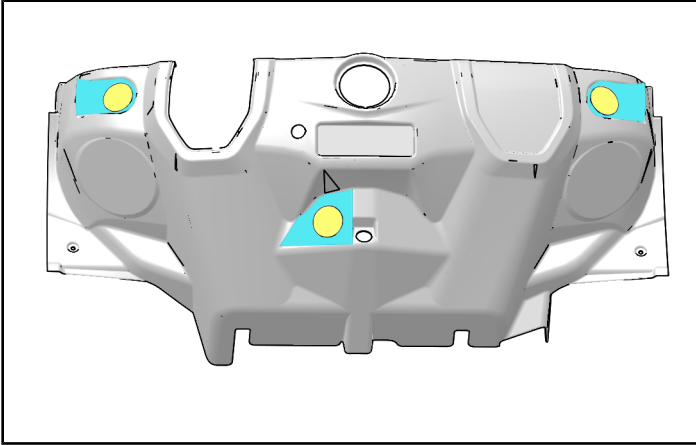


8. Dismantle the stereo (if equipped) by removing screw (S) with Phillips screwdriver and disconnect CPI gauge connector (T) along with the USB port connectors (U) and remove the lower dash panel (P) from vehicle.

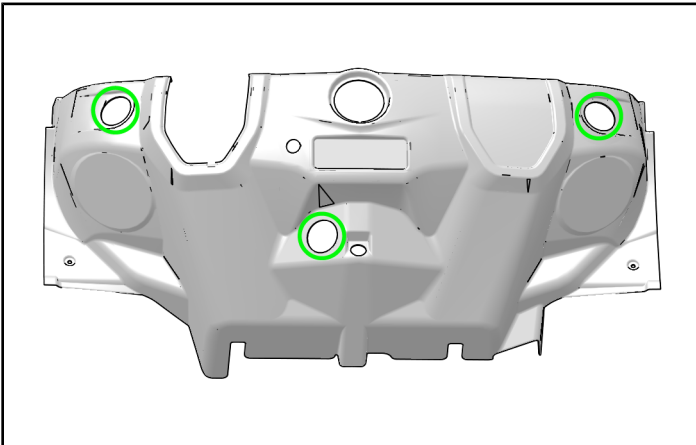


9. Cut out three holes in the lower dash panel for heater ports installation in marked area (highlighted in yellow) using template provided at the end of the instructions. Align template as shown on lower dash panel. Use jig saw or hole saw or dremel for cutting holes.

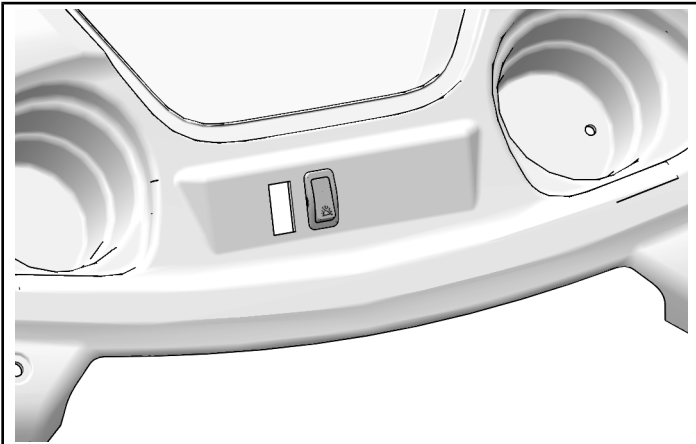
Before Cut



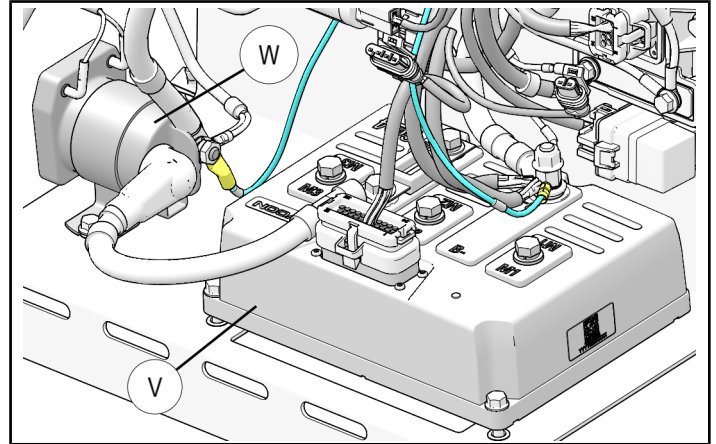
After Cut



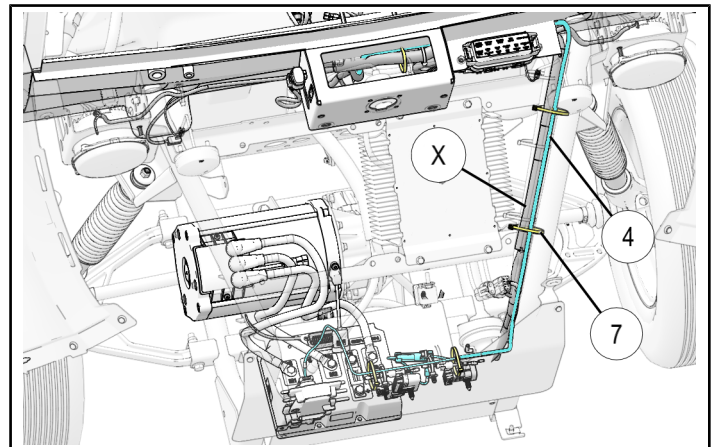
10. Cut out hole for heater switch installation in the upper dash panel using jig saw or dremel. This switch location is on left side of the interior light switch as shown.



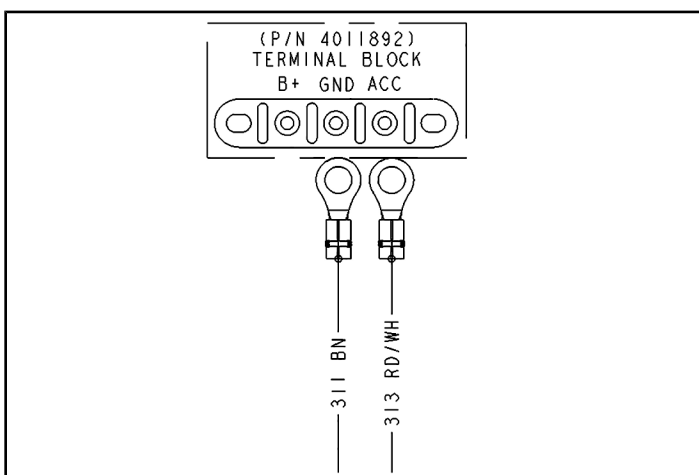
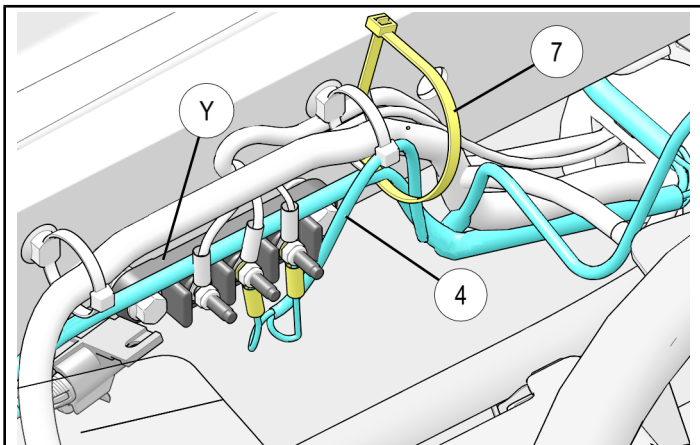
11. Reinstall lower dash panel with stereo (if equipped) and then reinstall parking brake handle (R) using Phillips screwdriver. Reconnect the CPI gauge connector (T) and USB port connectors (U).
12. Lay out harness ④ and start by connecting to the motor controller (V) with 13mm socket and ratchet and contactor (W) by using 1/2" socket and ratchet.



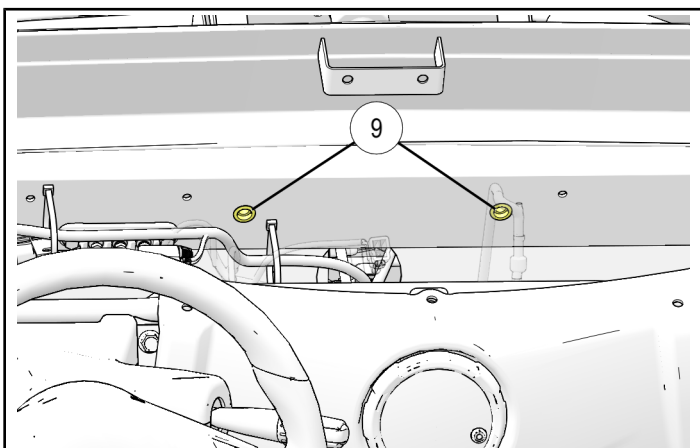
13. Zip tie ⑦ harness ④ as shown and follow routing of front harness (X). Route harness ④ through front plastic splash guard. Use wire cutter for cutting zip ties.



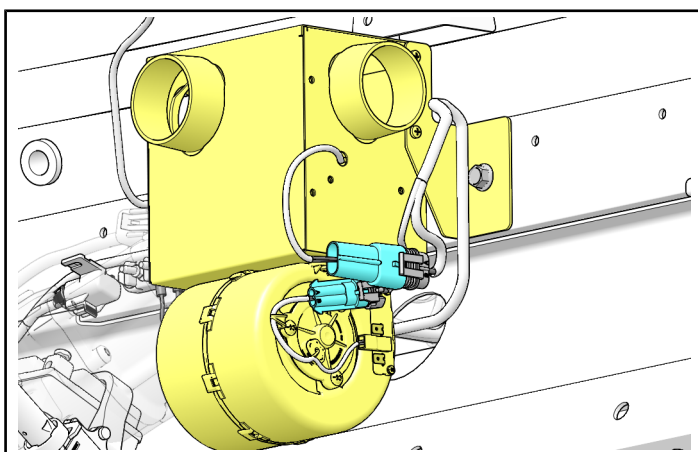
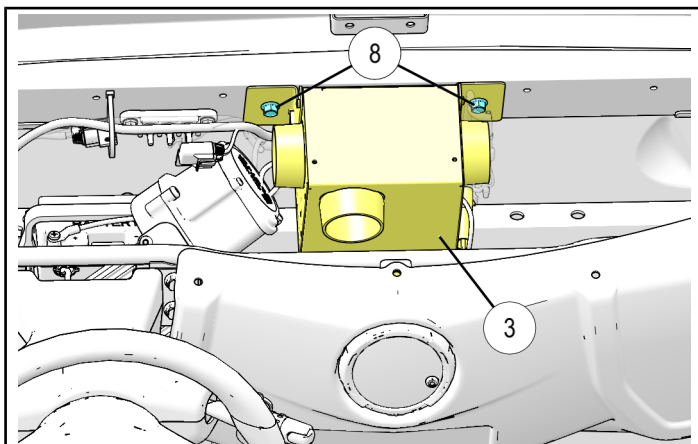
14. Finish routing the harness ④ under the front dash and zip tie ⑦ in the shown locations. Attach the heater harness to the accessory block (Y) by using 8mm socket and ratchet. Ensure the harness routing does not interfere with the vehicle steering.



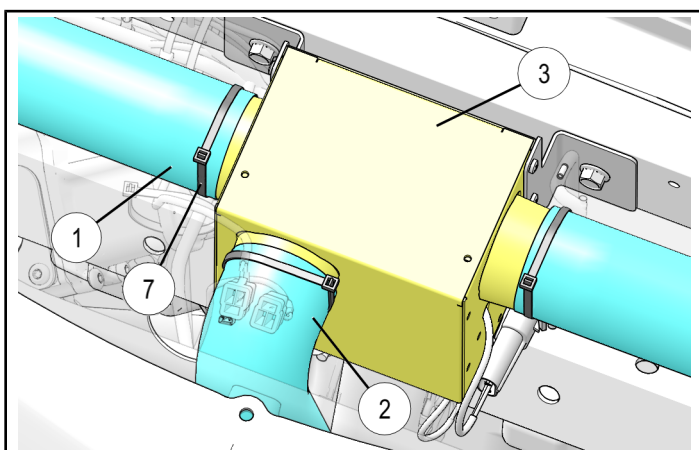
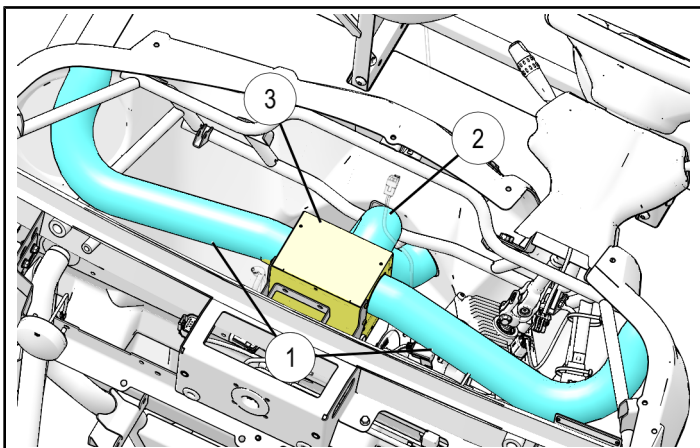
15. Install rivnuts ⑨ to front aluminum frame using rivnut gun.



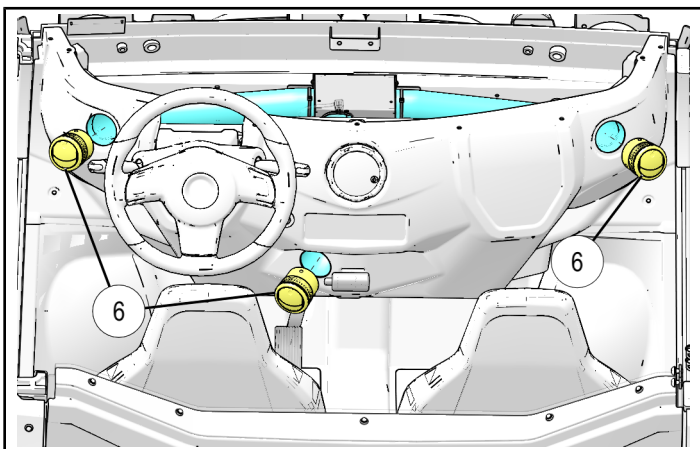
16. Install heater/blower assembly ③ into vehicle using two bolts ⑧. Use 13mm socket and ratchet for installation. Connect the electrical connectors to blower and heating elements as shown.



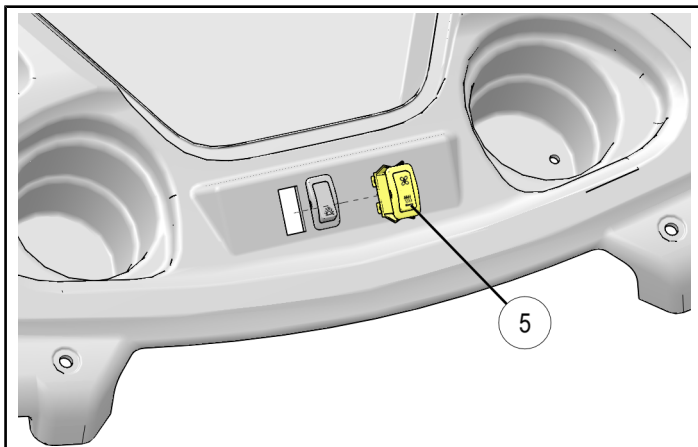
17. Install upper ① and lower ② heater vent ducts into blower box ③ and zip tie ⑦ as shown.



18. Install heater vents ⑥ to lower dash panel as shown. Connect upper and lower ducts to heater vents.

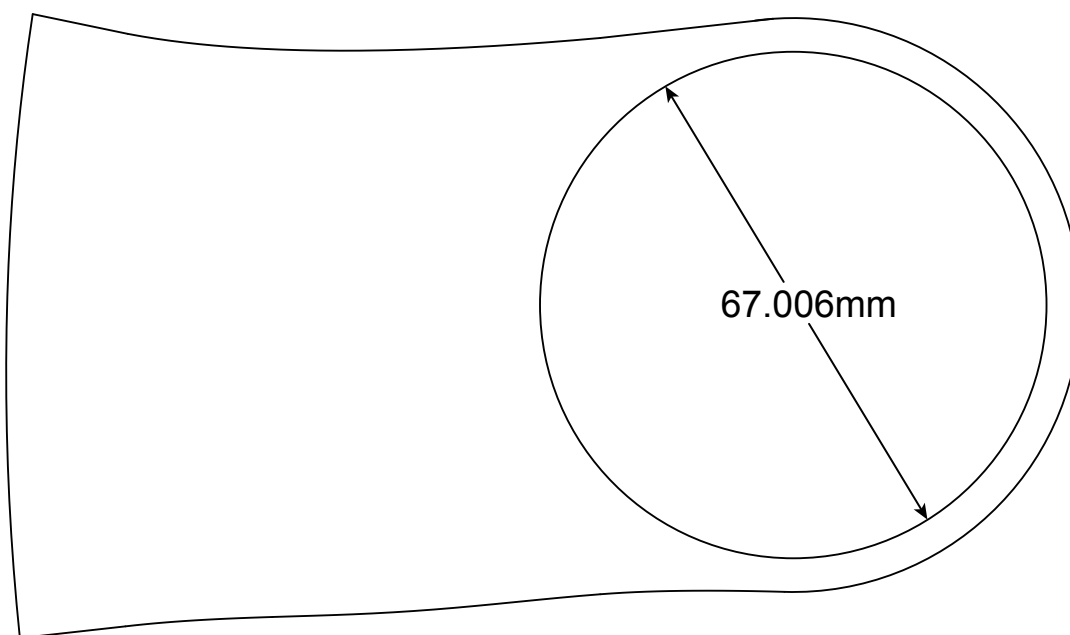


19. Install heater switch ⑤ onto upper dash panel (L).



20. Reinstall upper dash panel (L) using rivets (M) removed in Step 6. Reconnect the switch (N).
21. Reconnect the main vehicle disconnect (B) and battery pack most negative terminal (F) and temperature sensor (G).
22. Reinstall battery access cover panel (C) and the hood with thumb screws (A).

Heater Port Template 1



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Heater Port Template 2

