

Note: Removal of the factory tank will be much easier if it is empty. Drive until nearly empty and/or siphon as much fuel as possible out of the tank before starting. See your service manual for more detailed instructions on removing the OEM fuel tank.



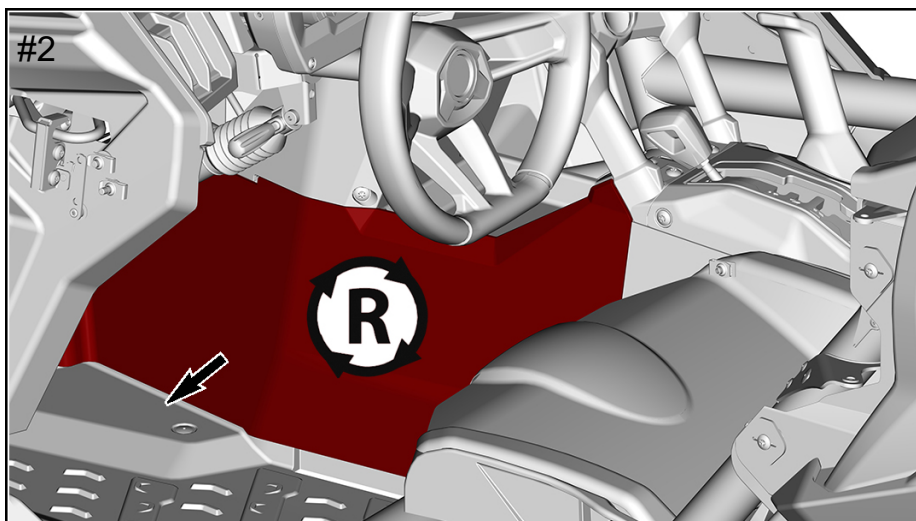
Vehicle Preparation:

1. Disconnect the battery.

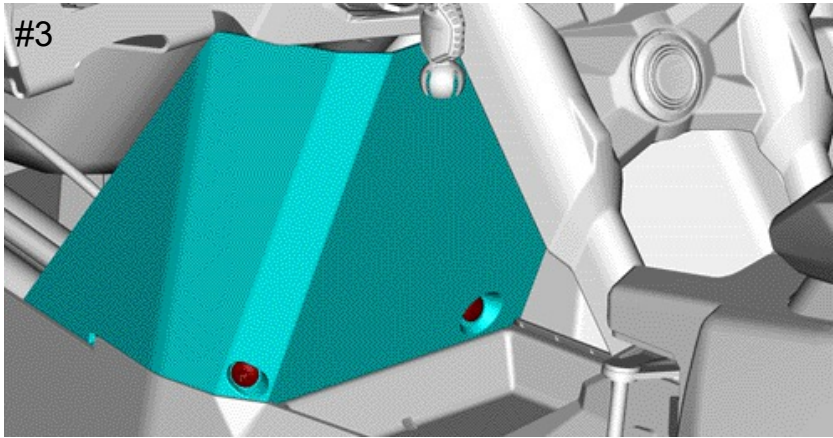
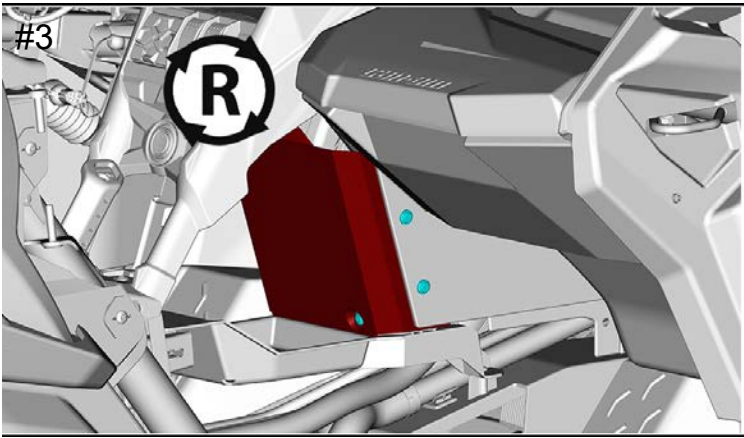
Notice Always disconnect the battery before doing any electrical modifications. Do not place tools on battery. Proceed exactly in this specific order:

- Disconnect the **BLACK** cable (-) first.
- Disconnect the **RED** cable (+) after.
- Secure battery by covering poles with isolating material.

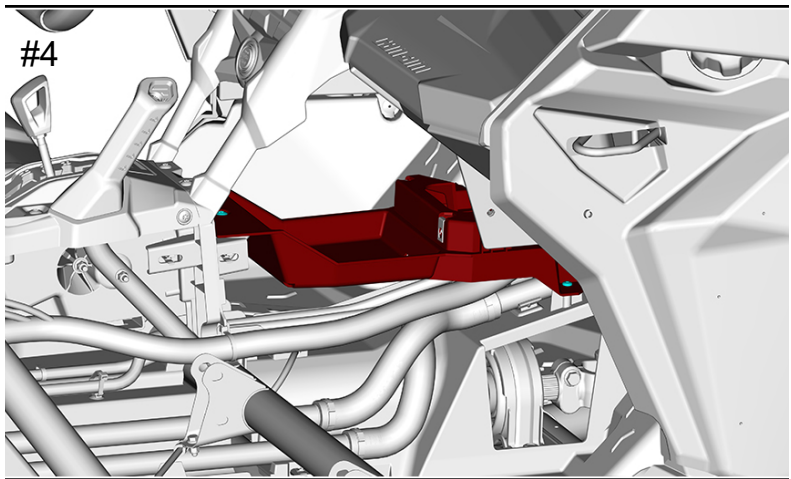
2. Remove and keep the left and right kick panels by pulling on the cover near the edge. Refer to the appropriate service manual for more details.



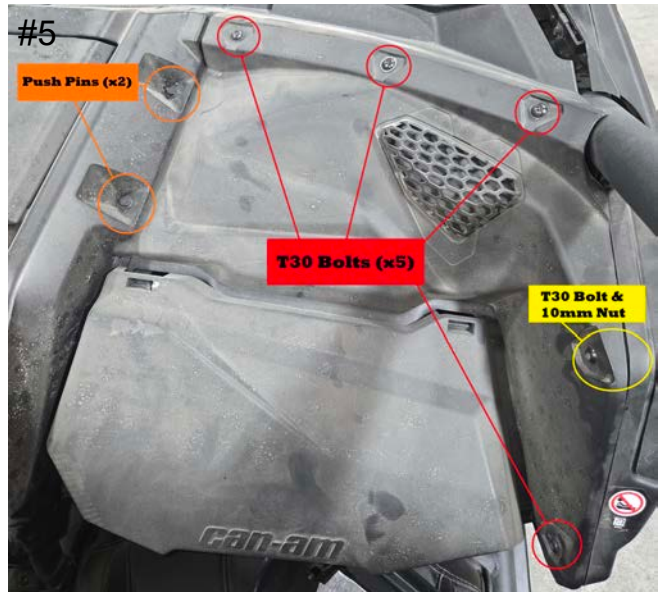
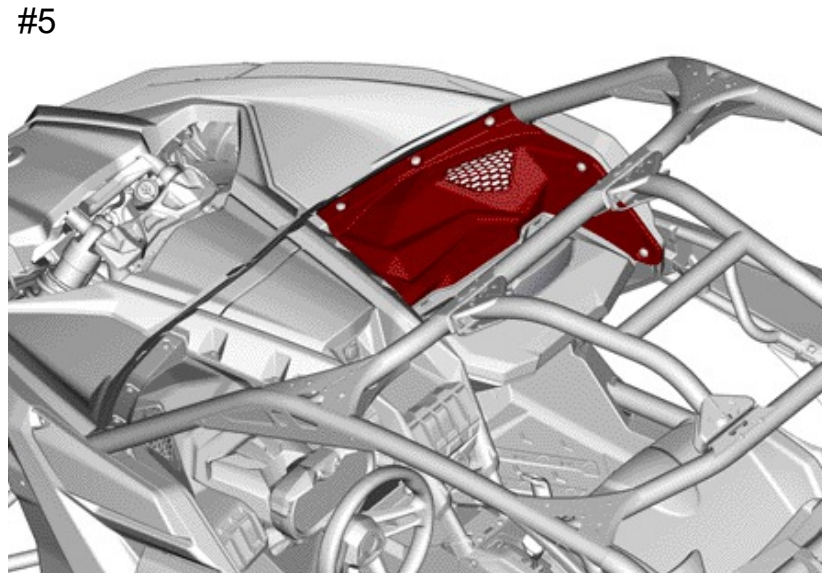
3. Remove the front central panel by removing the two screws and two plastic rivets shown. Keep the panel and its respective hardware.



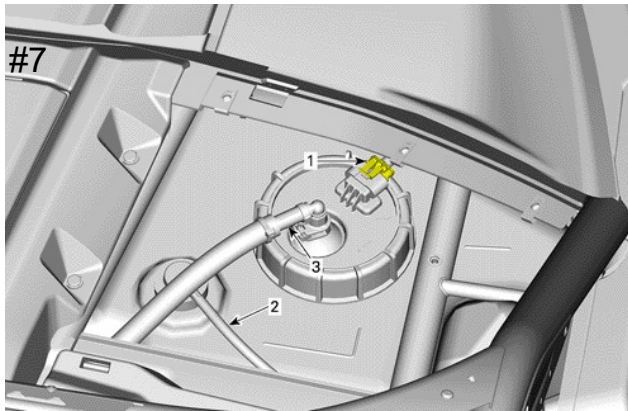
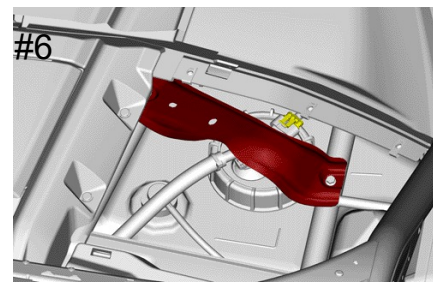
4. Remove the middle cubby panel by removing the three screws (2 shown). Keep the panel and hardware. Refer to your service manual for more details.



5. Remove the RH dash board panel. There are two plastic push lock rivets and five T30 bolts, one of them will have a 10mm nut that is located inside of the gas fill panel next to the gas gap. Lift the dash panel and pull it out the passenger side of the car. Remove the glove box cover by removing the three push rivets and 2 bolts holding it and remove the glove box assembly by removing the two remaining bolts holding it to the frame bar. Keep the removed parts and their hardware. See your service manual for more details.



6. Remove and keep the 2 bolts holding the fuel pump cover, remove the fuel pump cover and set it aside to reinstall after the fuel pump is transferred to the new tank.



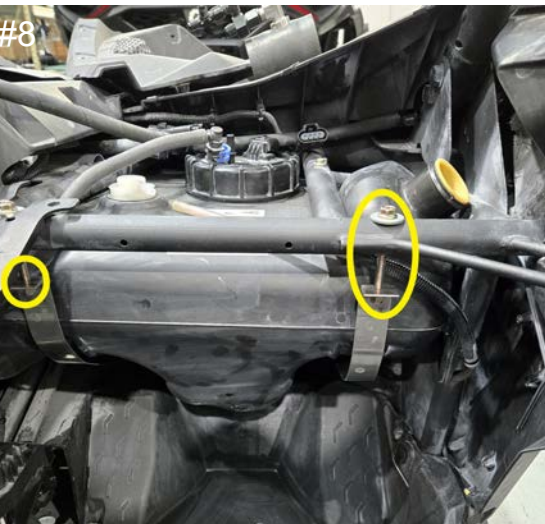
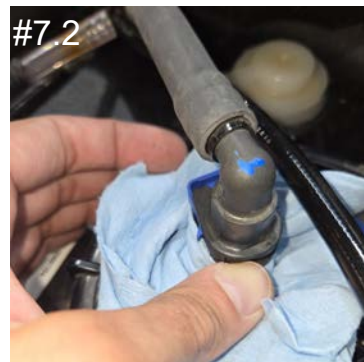
- 1. Fuel Pump Connector
- 2. Vent Hose
- 3. High Pressure Fuel Hose

7. Disconnect the fuel pump electrical connector and the vent hose. Place a shop rag under the fuel line before disconnecting the high pressure fuel hose.

7.1 Unplug the fuel pump by pulling back on the gray locking tab until it unlocks and then pushing down on the black tab while pulling the harness apart.



7.2 Remove the fuel line by separating the blue locking tab and sliding it away from the fitting, place a shop towel or rag under the fitting and then push the black release button on the other side while slowly lifting the fitting away from the pump.

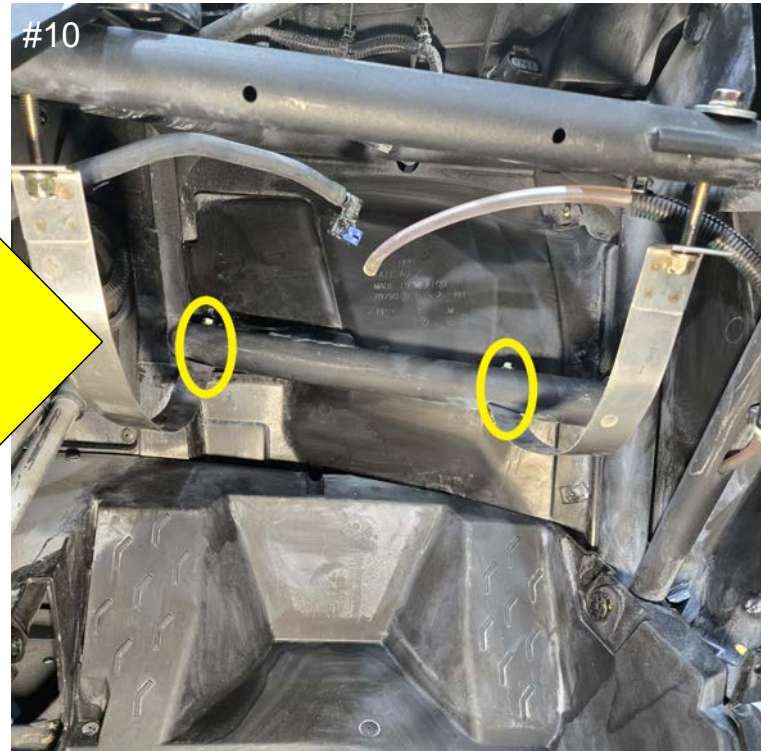
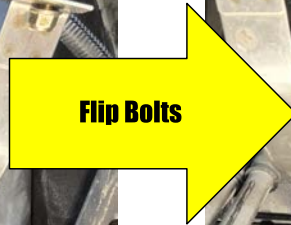
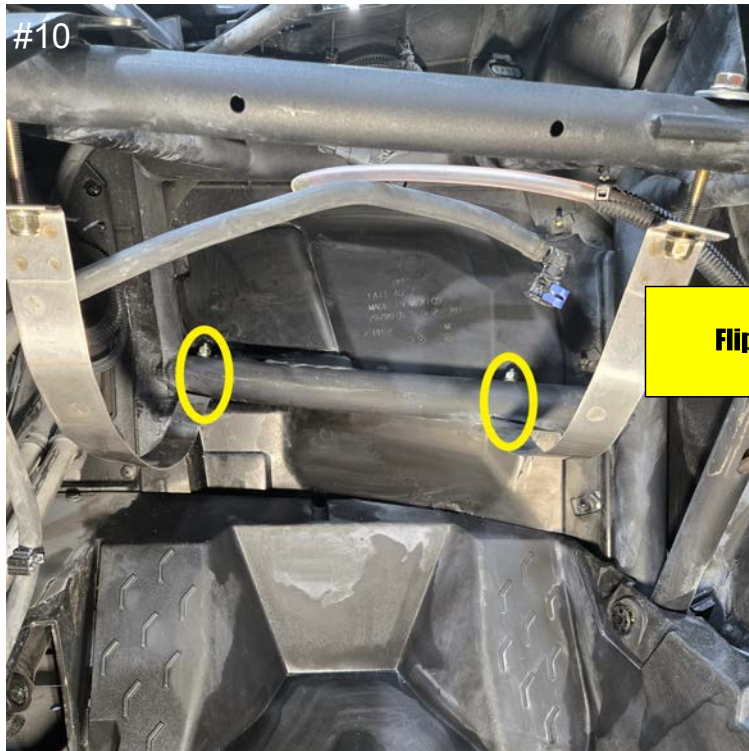


8. Loosen the clamps on the rubber fill tube, remove the fill tube and clamps and keep them to install onto the new RPM OEM+ Tank. Remove and keep the 2 nuts and 2 washers holding the back of the fuel tank straps (closest to the passenger seat). Remove the bolt on the fill tube side to make installing the new tank easier.

9. Let the straps hang down out of the way and slowly pull the tank downwards and out the passenger side. Be careful not to bend or damage the high pressure fuel hose.



10. Remove the 2 nuts, 2 washers and 2 bolts holding the front of the fuel tank straps (against the firewall) and flip them around so that the head of the bolt is on top, and the washer and nut are on the bottom with the strap. Make sure the straps stay lined up in the same position they were before removing the bolts. The back of the straps should still line up with the rear bolts. It is helpful to loosely reinstall the rear hardware to keep the strap aligned, tighten the 2 front bolts and then let the rear hang down before installing the new tank. This is also a good time to sand down the sharp edges of the tank straps if you have any other fuel lines or wires running behind



11. Install the new tank assembly from the passenger side and hold it up in position while reinstalling the factory straps and hardware. Tighten the nuts evenly while helping lift the tank up so it lines up with the frame bars. Route the vent hose behind the right side strap and secure it to the new RPM check valve using a zip tie.



12. Remove the fuel pump assembly from the OEM tank and carefully lower it into the new tank with a new gasket, be sure to not bend or damage the float assembly. If you have issues with your fuel level being wrong or not working, this should be the first place to check. Line up the arrow with where the raised marks were on the OEM tank. The fuel line should easily reach if the pump is lined up correctly. Refer to your service manual for more information on replacing the fuel pump assembly.



13. Reattach the fuel line fitting and push in the blue tab to lock it. Plug in the fuel pump and push in the gray locking tab.

14. Reconnect the battery and key the car on to prime the fuel system. Verify that the fuel gauge is working correctly and then reinstall all of the removed parts.