



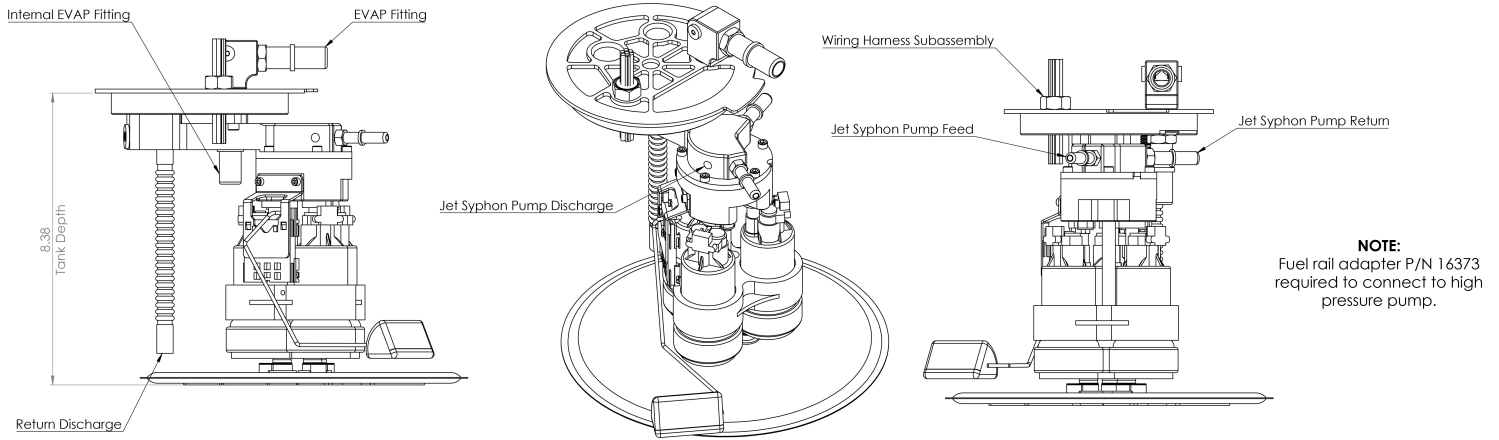
**6th Gen Camaro / 3rd Gen CTSV  
Fuel Hat Part# SNF-52501**



**Caution – EXTREME DANGER – Caution**  
Do not use or mix any Snow Performance products with any other manufacturer's products.

**THESE INSTRUCTIONS APPLY TO SNOW PERFORMANCE PRODUCTS ONLY!  
FOR SANCTIONED RACE USE ONLY - NOT FOR SALE OR USE IN CALIFORNIA**

Pictures for reference only. Your year model may be slightly different.

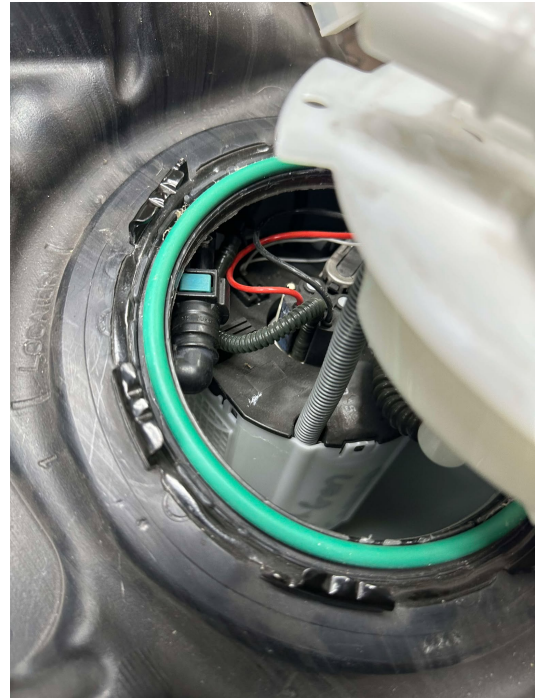


## Installation:

1. To make installation easier, the fuel level should be at its lowest point possible before removal.
2. Follow GM's recommended methods for removal of the fuel tank.
3. On top of the factory fuel hat assembly, disconnect the main electrical connectors. Relieve the pressure in the fuel system by starting the engine and allowing it to stall. Remove the gas tank fill cap to relieve any residual tank pressure.
4. Disconnect the battery to ensure a safe working environment when handling items within the fuel system.
5. Clean the top of the factory fuel pump assembly to ensure no foreign materials make their way into the fuel tank.
6. Remove the fuel lines from the factory fuel pump assembly. (Be sure to clean away or contain any fuel that may have spilled.)
7. Remove the OEM fuel tank lock ring (drivers side). To release the OEM lock ring it is recommended to use the specified fuel tank lock ring tool. The OEM pump assembly is spring-loaded and will pop up as soon as the lock ring is released.



8. Now gently lift the fuel hat out of the tank and begin disconnecting the EVAP and Jet Syphon Lines (Feed and Return). Be sure to secure these lines for easy access as we will be using them later.



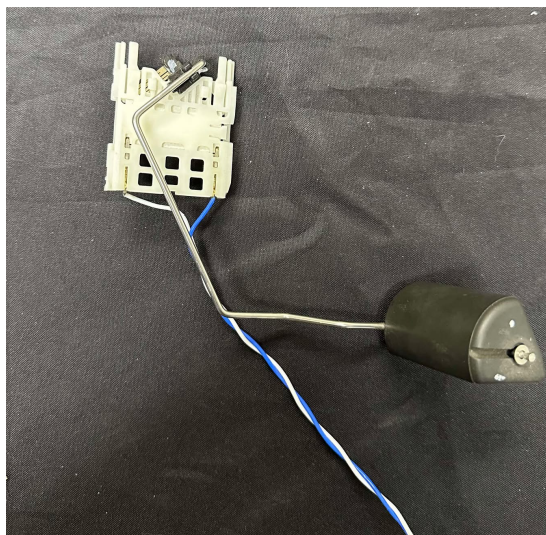
9. Next, slowly remove the pump assembly. Do not bend or damage the fuel float arm.  
(Not Pictured.)

10. Remove the OEM pump assembly and safely drain and contain any residual fuel in the assembly. Inspect the large green seal insuring it is not damaged or compromised.

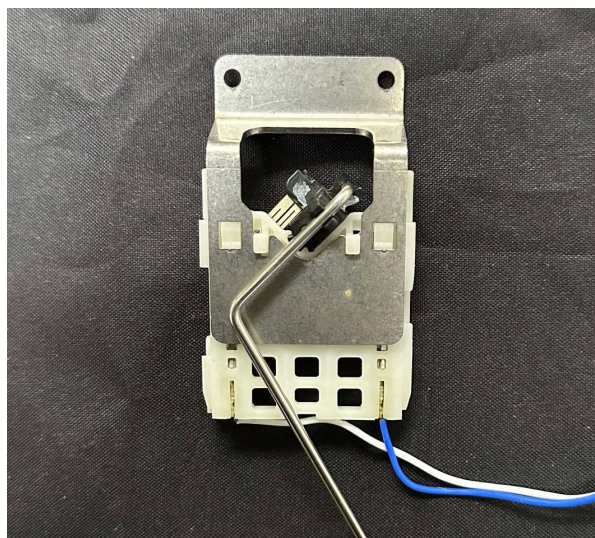


11. Now that the OEM pump assembly has been removed from the vehicle, we will now remove the level sensor from the assembly itself. Press in towards the body of the bucket to release the sensor. (The only parts that will be reused are the fuel level sender and the large gasket on top of the tank.)

12. Now you will assemble the fuel level sensor onto the stainless bracket attached to the fuel hat. Start by removing the float from the sensor, be careful as the plastic is brittle.

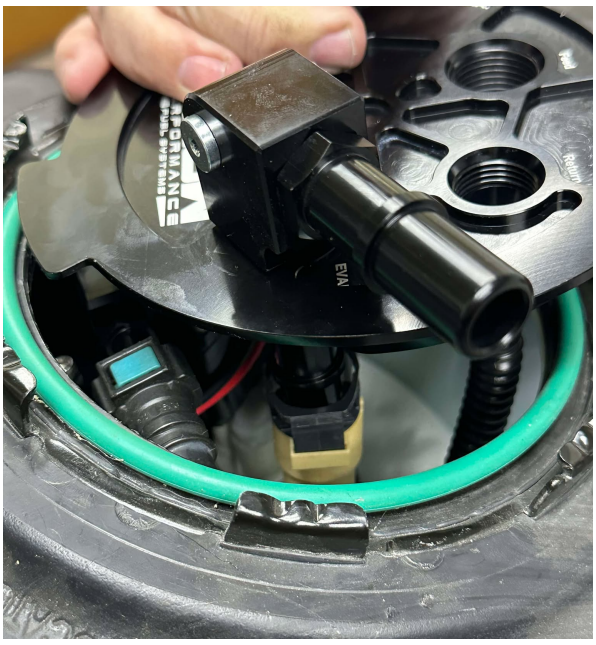
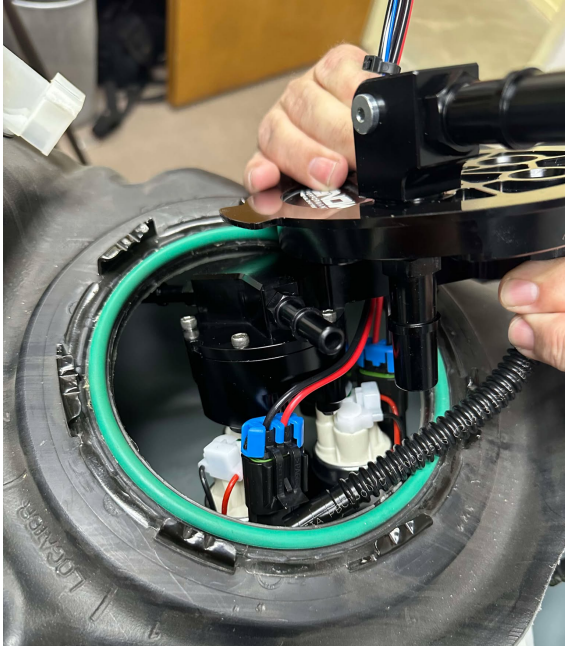


13. Now clip the sensor into the bracket and reinstall the fuel float. Be careful not to bend the float arm when installing the Snow Performance Assembly.



14. Wire polarity is not specific to the level sensor. We will connect the level sensor wires in a fashion similar to its previous state simply by soldering the wires back together and securing the contact with heat shrink. Connect to the White & Blue wires.

15. Now we will begin installing the Snow Performance Assembly.
16. Carefully lower the fuel hat into the tank, making sure not to damage the fuel float.
17. While holding the Snow Performance Assembly slightly out of the tank begin reconnecting the EVAP and Jet Syphon (Feed and Return) lines one at a time.

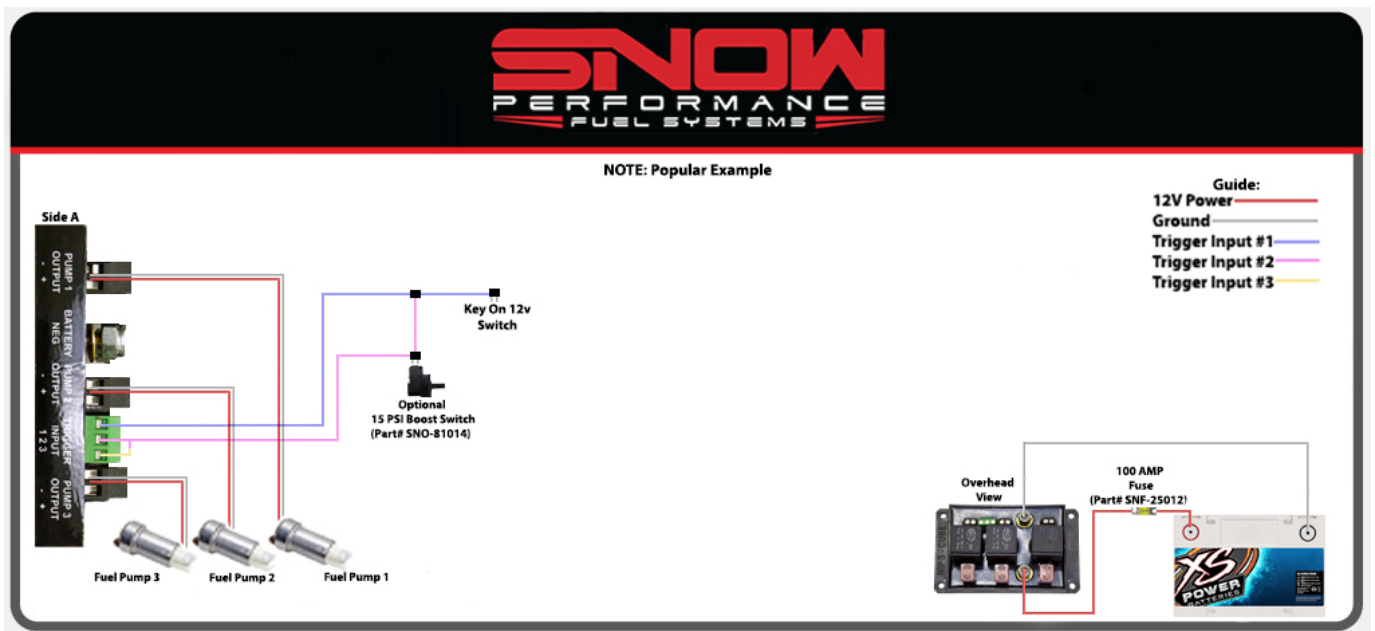


18. Now use the locator tab to align the fuel hat properly before re-installing the lock ring

19. Using the proper tool and socket wrench, reinstall the lock ring, as well as all other Fuel and EVAP lines. Also reconnect all electrical hookups.



20. Proceed with wiring using the diagram below as reference. This representation is most accurately used with our Multi-Pump Relay Module (Part# SNF\*-20003).



21. Reconnect the battery and turn the ignition key to the ON position. Confirm the new fuel pump(s) prime for a few seconds and inspect the car for leaks. If no leaks are found, start the vehicle. The engine may run rough for a few seconds until all the air is bled from the fuel system. You have officially completed the installation!

Popular Routing Example:

