



STAR ONLINE PUBLICATION



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Symptom/Vehicle Issue: Upgrading To A Larger Capacity Fuel Tanks

Discussion: Reports are being received of attempts to install larger fuel tanks on vehicles to increase their fuel capacity. Many fuel tanks being installed may be Mopar replacement tanks intended to be installed on vehicles originally equipped with that tank. For example, a Mopar replacement 50-gallon fuel tank being installed on a vehicle originally equipped with a 36-gallon tank.

After the installation of these larger fuel tanks, requests are being made to update the vehicle's sales code information to accommodate the larger tank. In addition, there are many aftermarket tanks being offered on the market that claim to be compatible with the vehicle with the addition of certain sales codes to the vehicle's configuration.

However, unless offered as a Mopar Accessory, installing a larger capacity fuel tank or secondary tank is not a supported upgrade and cannot be performed on these vehicles. Fuel tank sales code are not an available option that is selectable in the Vehicle Options Updates menu in Dealer Connect and cannot be added or deleted from the vehicle's existing configuration.

Additionally, on many gas engine applications, each fuel tank option may have unique Evaporative Emissions (EVAP) equipment installed to accommodate that tank and cannot be modified when a different tank is installed.

The only exceptions to this are Cab Chassis models that require a different fuel tank to be installed to accommodate the aftermarket body configuration. In these instances, these tanks may still utilize the original fuel tank's fuel pump/level sensor module to maintain the accuracy of the fuel gauge. However, even in these instances the sales codes cannot be altered.

This document does not authorize warranty repairs. This communication documents a record of past experiences. STAR Online does not provide any conclusions about what is wrong with the vehicle. Rather, it captures all previous cases known that appear to be similar or related to the vehicle symptom / condition. You are the expert, and you are responsible for deciding on the appropriate course of action.

Contact STAR Center, or your Technical Assistance Center Via TechConnect, eCONTACT or Service Library entry if no solution is found.