



UI BULLETIN # 77

SUBJECT: Single Fuel Tank with dual fuel fill ports

MODELS AFFECTED: Chevrolet Kodiak, GMC Top Kick, Medium Duty Models C4500/C5500

MODEL YEAR(S): 03 and beyond

DATE: 02/01/2006

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PAGE: 1 of 1

ADVISORY

This Bulletin is being issued to advise the Upfitter community concerning the installation and use of fuel fill pipes on single fuel tanks with optional dual fuel fill ports.

The Chevrolet Kodiak, GMC Top Kick models, C4500/C5500, offer optional capacity fuel tanks, with dual fuel fill ports located on both the right hand (RH-passenger side) and left hand (LH-driver side) side of the tank. The two fuel fill ports are available to the upfitter for flexibility in either utilizing the driver or passenger side fuel fill, but not both. All optional tank sizes are available with both gasoline and diesel engines.

The optional fuel tanks that include the dual RH and LH fuel fill ports are as follows:

RPO N23 – 40-gallon (151L) fuel capacity

RPO NN4 – 60-gallon (227L) fuel capacity

RPO NJ9 – 80-gallon (304L) fuel capacity

(NOTE: C5U042–Motor Home availability only.)

Some upfitters may be purchasing an additional fuel filler pipe package and installing a fuel fill pipe assembly on both the driver and passenger side of the vehicle.

GM Does Not Recommend This Practice.

GASOLINE ENGINE:

Federal evaporative emission requirements limit the amount of hydrocarbons (fuel vapors) that may be allowed to permeate from the vehicle. The hose material used in the fuel fill connections is a major source of vapor permeation and adding a second fill pipe assembly may increase the fuel system emission beyond the allowable limits.

Do Not Install Dual Fuel Fill Pipes On A Gasoline Equipped Vehicle.

DIESEL ENGINE:

Diesel engine equipped vehicles are not subject to the same evaporative emission requirements as gasoline equipped vehicles. Other issues however, need to be considered if the vehicle is to be equipped with dual fuel fill pipes. Vehicle owners and end users need to be advised not to fill the tank through both fillers at the same time. In addition, do not fill the tank with both fuel caps removed. Doing so may result in over-filling the tank and fuel spillage. Refer to the “Filling the Tank” section of the vehicle’s owner manual for additional information and recommendations.