

FUEL SYSTEMS

Any modification of Fuel Tanks, Lines, Hoses or Connectors is the complete responsibility of the Second Stage Manufacturer. The responsibility for determining compliance to F/CMVSS 301 regulations is that of the Final Stage Manufacturer.

To verify F/CMVSS compliance, vehicle testing may be required. Questions regarding compliance with F/CMVSS regulations should be directed to your legal counsel, the National Highway Traffic Administration or Transport Canada.

WARNING: Always refer to the Dodge Service Manual before servicing any portion of the fuel system. Fuel rail pressure must be released before opening any fuel system. Welding around or near fuel system components is not recommended. Shield or remove components as required to protect them from heat and weld splatter.

Modification of the fuel tank, its location, lines, hoses, evaporative systems can affect F/CMVSS 301 system compliance. If the Final Stage Manufacturer modifies any portion of the fuel system, they assume the full system responsibility.

FUEL FILL SYSTEM

Use of fuel fill kits as provided by Dodge Trucks is recommended.

GAS: 68003151AA
DIESEL: 52121251AA
CHASSIS CAB: 52121643AK

Fuel Fill system installation is the responsibility of the Final Stage Manufacturer. Install components in areas not affected during impact conditions. Ensure no fuel vapors can enter vehicle interior during fill or general operation. Any metal fuel fill mounting structure must be grounded to the vehicle chassis.

NOTE: All fuel system components must be mounted securely for possible impact situations. Avoid contact with vehicle chassis. Keep system components away from sharp edges to avoid possible chaffing or cutting during an impact.

2008 4500/5500 CHASSIS CAB DESIGN RECOMMENDATIONS

PRELIMINARY

AUXILLARY FUEL PORT

An auxillary fuel tap is provided on gas and diesel fuel tanks to provide fuel for secondary power systems. This is located on top of the fuel pump module and is sealed with a connector. This system will not drain the vehicle fuel completely. There will be sufficient fuel to drive back from the worksite.

Utilize due care when installing a secondary fuel system. Install a check valve in line to prevent OBD11 system faults. Installing a secondary fuel port may affect the vehicles ability to comply with F/CMVSS 301. Final Stage Manufacturer assumes all responsibility for fuel system modifications and system compliance.

EXHAUST SYSTEMS

Modifying the exhaust system is not recommended as it may affect F/CMVSS emissions certification. Do not remove any original equipment exhaust system components. Never add components to the system that increases back pressure. Do not remove OEM clamps or hangers. Final Stage Manufacturer assumes all responsibility for exhaust system modifications and system compliance.

6.7 Cummins Diesel

Cummins 2007 Dodge/Chrysler 6.7L Chassis Cab engine is integrated with a Diesel Particulate Filter Aftertreatment System for 2007 EPA Certification. The Diesel Particulate Filter assembly consists of a diesel oxidation catalyst, a diesel particulate filter, and temperature and pressure sensors integrated into a modular housing.

- **Body Builders must not modify or relocate the Diesel Particulate Filter, or any components associated with it. Also there should be no modifications made to the exhaust from the turbo outlet to after the muffler.**

NOTE: Never remove heat shields originally provided as original equipment. It is also the Final Stage Manufacturers responsibility to install appropriate shielding to any secondary body or equipment installed onto the Chassis Cab. Final Stage Manufacturers assume all responsibility related to modifications performed.

COOLING SYSTEM

Do not modify original equipment cooling system, fan, fan clutch, hoses and routing or the shroud. Do not install secondary equipment that blocks the grill opening forward of the radiator. Doing so could result in unsatisfactory cooling system performance. Refer to Dodge Service Manual for proper system fill procedures and service.