ONLINE AUTOMOTIVE SERVICE INFORMATION SYSTEM
FOR DECEMBER 2013

SB-10054977-8404

44343 2011-2013 F650/F750 with Diesel Engine, Diesel Exhaust Fluid (DEF) Level Gauge Improper Level Indication

An improperly filled DEF tank can result in erroneous DEF gauge indication if the DEF tank is filled past the recommended fill level. When this occurs the gauge may read in reverse indicating a low level of DEF fluid. Prior to performing any diagnostics or service, the DEF fluid level should be verified that the fluid level does not exceed the recommended fill level. Using a fuel type nozzle system with an automatic shutoff or containers that utilize a spout with a seal and an internal vent such as Motorcraft DEF or equivalent will prevent overfilling. It may be necessary to drain the DEF tank following the procedure in Workshop Manual 308-08 and refilling it to verify the proper level. It is important that the operator follow the DEF tank fill procedure in the Owner Guide.

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44326 Some Vehicles Could Exhibit Misfire Codes After Certain Repairs - Multiple Vehicle Lines

Some vehicles equipped with On Board Diagnostics (OBD) misfire monitor neutral profile learning capabilities may experience the MIL illuminating or flashing, accompanied by one or more engine misfire related codes(P030X). These faults can be a result of the crankshaft position sensor profile (MP_LRN) not being relearned after certain engine and transmission repairs have been performed. The MP_LRN data is no longer cleared with a KAM reset or battery disconnect. Repairs that can require relearning of the MP_LRN data with IDS include: crank sensor, trigger wheel, engine timing, crank pulley and any time the engine or transmission (including DPS6) is removed for service. From the IDS toolbox select "powertrain", then "service functions", then Misfire Monitor Neutral Profile Correction" and follow the on screen prompts.

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44332 Some 2013 F650/750 Vehicles Built From 7/29/2013 Through 10/28/2013 Equipped With Diesel Engine May Have An Inoperative Fuel Transfer Pump

Some 2013 F650/750 Diesel equipped vehicles built from 7/29/2013 through 10/28/2013 may have an inoperative fuel transfer pump. This may be due to connector C102C/ circuit 1818 WH/BK not being connected. If encountered, check that connector C102C/circuit 1818 WH/BK is connected to the generator W terminal as shown in the online wiring diagram. The circuit may be taped back to the vehicle harness. Torque the connection nut to 3 Nm (26.55 in lb) on 185 amp generators and 5 Nm (44 in lb) on 220/320 amp generators. Refer to the online wiring diagram for locations.