

**ONLINE AUTOMOTIVE SERVICE INFORMATION SYSTEM
FOR MAY 2013**

32227 2011-2013 F-150 - 3.5L GTDI - Intermittent Stumble/Misfire On Acceleration From Highway Cruise In Humid Or Damp Conditions With Possible DTC

Some 2011-2013 F-150 equipped with 3.5L gasoline turbocharged direct injection (GTDI) engines may exhibit an intermittent stumble and/or misfire on hard acceleration after extended drive at highway speeds during extreme humid or damp conditions. Vehicle may also exhibit steady or flashing malfunction indicator lamp with Diagnostic Trouble Codes P0304, P0305, P0306 in the PCM. Before attempting repair, inspect the vehicle to see if the updated Charge Air Cooler (CAC) (Engineering Part BL34-9L440-AE for 2011-2012 Model Year and DL34-9L440-AC/AD for 2013 Model Year) and CAC Deflector CL34-19E672-BA are installed. If the latest CAC is not installed, refer to applicable TSB 13-3-3, 12-11-15. If the latest CAC is installed, replacing the CAC again will not correct this condition. Engineering is investigating; continue to monitor OASIS for further updates.