

ONLINE AUTOMOTIVE SERVICE INFORMATION SYSTEM
FOR FEBRUARY 2014

SB-10055629-9587

44404 2003-2007 F-Super Duty/2004-2010 E-Series/2003-2005 Excursion 6.0L - No Crank
With Or Without Diagnostic Trouble Codes (DTC) P1705/P0706/P0707

Some vehicles equipped with a 6.0L diesel engine and torqshift transmission may exhibit a no crank condition with or without DTCs P1705, P0706, P0707. During diagnostics if voltage on the transmission range sensor at pin 21 (circuit 371 for F-Series, circuit 1929 for E-Series) is found to be less than 5 volts, electrically disconnect the engine cooling fan clutch and recheck the voltage at the range sensor. If the voltage is now in the correct range and the vehicle now cranks, clear all DTCs and verify that the DTCs do not return with a short test drive. Do not service the transmission or replace the transmission range position sensor for this condition. Refer to the appropriate wiring diagram, workshop manual procedure and PC/ED section to diagnose the engine cooling fan.