

FORD:

2005 Excursion

2005-2006 E-Series, F-Super Duty

ISSUE

Some 2005-2006 F-Super Duty/E-series and 2005 Excursion vehicles equipped with a 6.0L diesel engine may exhibit a hard start/long crank or no start condition due to low injection control pressure (ICP).

ACTION

Use the following Service Procedure to identify a fault in the high or low pressure system.

SERVICE PROCEDURE

A minimum of 3.5 MPa (500 psi or .8 volts) ICP is required before the injectors are enabled. No or low oil in the system, leakage at the injector upper D-rings, high pressure pump quick connect fitting, high pressure pump discharge tube, faulty injection pressure regulator (IPR), or high pressure pump could cause low ICP pressure.

1. Perform the revised Powertrain Controls/Emissions Diagnosis (PC/ED) lead diagnostics Section 4, Hard Start/No Start Diagnostic Procedure Tests 10E and 10F. These tests were revised in January 2006.
2. If the leak is isolated to the high pressure pump quick connect fitting, it is recommended the male (5C3Z-9C854-A) and female (W301727) parts of the quick connect fitting be replaced together.

3. Torque the female quick connect fitting to 38 ft-lb (51 N•m) max.

NOTE

DO NOT OVER TORQUE THE FEMALE QUICK CONNECT FITTING OR DAMAGE WILL OCCUR.

PART NUMBER	PART NAME
5C3Z-9C854-A	H/P Discharge Tube
W301727	H/P Pump Outlet Fitting

WARRANTY STATUS: Eligible Under Provisions Of New Vehicle Limited Warranty Coverage

OPERATION	DESCRIPTION	TIME
MT060406	Claim Labor As Actual Time:	Actual Time

DEALER CODING

BASIC PART NO.
9C854

CONDITION
CODE
42

NOTE: The information in Technical Service Bulletins is intended for use by trained, professional technicians with the knowledge, tools, and equipment to do the job properly and safely. It informs these technicians of conditions that may occur on some vehicles, or provides information that could assist in proper vehicle service. The procedures should not be performed by "do-it-yourselfers". Do not assume that a condition described affects your car or truck. Contact a Ford, Lincoln, or Mercury dealership to determine whether the Bulletin applies to your vehicle. Warranty Policy and Extended Service Plan documentation determine Warranty and/or Extended Service Plan coverage unless stated otherwise in the TSB article. The information in this Technical Service Bulletin (TSB) was current at the time of printing. Ford Motor Company reserves the right to supercede this information with updates. The most recent information is available through Ford Motor Company's on-line technical resources.