

**MALFUNCTION INDICATOR LAMP (MIL)
ILLUMINATED—DTCs P0135 AND P0155— BUILT ON
OR BEFORE 11/31/2011**

TSB 13-5-7

FORD:
2012 Expedition

LINCOLN:
2012 Navigator

ISSUE

Some 2012 Expedition and Navigator vehicles built on or before 11/31/2011 may exhibit an illuminated MIL with diagnostic trouble codes (DTCs) P0135 and P0155. DTCs P0030, P0050, P0053, P0059, P0141, or P0161 may also be present.

ACTION

Follow the Service Procedure steps to correct the condition.

SERVICE PROCEDURE

1. Retrieve all DTCs in the Powertrain Control Module (PCM). Are DTCs P0135 and P0155 present?
 - a. Yes - proceed to Step 2.
 - b. No - this article does not apply. Refer to Powertrain Control/Emissions Diagnosis (PC/ED) Manual for normal diagnostics.
2. Locate C146 in the right rear corner of the engine compartment. Separate the connector and inspect the pins carefully for signs of contamination, discoloration and/or moisture intrusion. Refer to Wiring Diagram, Section 152-1. (Figure 1)

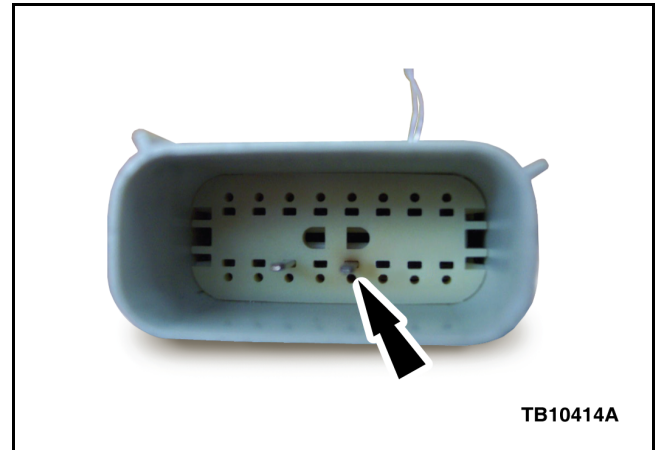


Figure 1 - Article 13-5-7

3. Is contamination present?
 - a. Yes - proceed to Step 4.
 - b. No - this article does not apply. Refer to PC/ED Manual for normal diagnostics.
4. Replace connector pigtails on both the female and male sides following desired splicing method. Refer to Wiring Diagram, Section 5-1.
5. Apply Motorcraft® Electrical Grease to the connector terminals.
6. Install the original harness retainer on the male connector and secure the harness.

PART NUMBER	PART NAME
DU2Z-14S411-RA	Wiring Pigtail Kit - Female Connector
DU2Z-14S411-SA	Wiring Pigtail Kit - Male Connector
XG-12	Motorcraft® Electrical Grease

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 or Lincoln 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 supersede this information with updates. The most recent information is available through Ford Motor Company's on-line technical resources.

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WARRANTY STATUS: Eligible Under Provisions Of New Vehicle Limited Warranty Coverage And Emissions Warranty Coverage
Warranty/ESP coverage limits/policies/prior approvals are not altered by a TSB. Warranty/ESP coverage limits are determined by the identified causal part and verified using the OASIS part coverage tool.

OPERATION	DESCRIPTION	TIME
130507A	2012 Expedition And Navigator: Check DTCs Inspect And Replace Connectors Includes Time To Clear Codes After Repair (Do Not Use With Any Other Labor Operations)	1.4 Hrs.

DEALER CODING	CONDITION CODE
BASIC PART NO. 12A581	X4