

AUDIBLE UNDERHOOD CLICK NOISE AND/OR HARD START AFTER REFUELING WITH DTCS P0171, P0174, P0316, P144A, AND/OR P1450

TSB 12-3-10

FORD:

2009-2010 F-150
2009-2011 E-150, E-250, E-350, E-450,
Expedition
2011 F-250, F-350

LINCOLN:

2009-2011 Navigator

This article supersedes TSB 11-10-03 to update the Title, Vehicle Listing, Diagnostic Trouble Codes, Issue Statement, and Build Dates.

ISSUE

Some 2009-2011 E-Series, Expedition, and Navigator built on or before 4/15/2011 plus 2009-2010 F150 and 2011 F250/350 built on or before 11/1/2010 may exhibit an audible clicking noise in the engine compartment and/or hard start after refueling with diagnostic trouble codes (DTCs) P0144A, P0171, P0174, P0316, and/or P1450.

ACTION

Follow the Service Procedure steps to correct the condition.

SERVICE PROCEDURE

1. Does the vehicle exhibit an audible click noise in the engine compartment?
 - a. Yes - Proceed to Step 2.
 - b. No - Proceed to Step 3.
2. Unplug the electrical connector from the under hood evaporative emissions purge valve. Does the noise go away?
 - a. Yes - Proceed to Step 4.
 - b. No - Do not continue with this article, refer to Powertrain Control/Emissions Diagnosis manual (PC/ED).
3. Is the vehicle experiencing a hard start after refueling with DTCs P0316, P0171, P0174, P144A and/or P1450?
 - a. Yes - Proceed to Step 4.

- b. No - Do not continue with this article, refer to PC/ED manual.

4. Replace the evaporative emissions purge valve located in the engine compartment, refer to Workshop Manual (WSM), Section 303-13.

PART NUMBER	PART NAME
9L3Z-9E730-C	Canister Purge Valve (2009-2010 F-150 5.4L/2009-2011 Expedition/Navigator)
9L3Z-9E730-F	Canister Purge Valve (2009-2010 F-150 4.6L 2V)
9L3Z-9E730-G	Canister Purge Valve (2009-2010 F-150 4.6L 3V)
9C2Z-9C915-C	Canister Purge Valve (2009-2011 Econoline 4.6L)
9C2Z-9C915-A	Canister Purge Valve (2009-2011 Econoline 5.4L)
9C2Z-9C915-E	Canister Purge Valve (2009-2011 Econoline 6.8L)
9U5Z-9C915-BE	Canister Purge Valve (2010-2011 F150 6.2L/2011 F250/F250 6.2L)

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.

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.

TSB 12-3-10 (Continued)

OPERATION	DESCRIPTION	TIME	120310A	2009-2011 Econoline: Check DTCs, And Replace The Evaporative Emission Canister Purge Valve (Do Not Use With Any Other Labor Operations)	0.9 Hr.
120310A	2009-2011 Expedition, Navigator, 2009-2010 F-150: Check DTCs, And Replace The Evaporative Emission Canister Purge Valve (Do Not Use With Any Other Labor Operations)	0.6 Hr.	DEALER CODING		
			CONDITION		
			CODE		
120310A	2011 F-Super Duty 6.2L: Check DTCs, And Replace The Evaporative Emission Canister Purge Valve (Do Not Use With Any Other Labor Operations)	0.7 Hr.	BASIC PART NO. 9C915		42