

**WRENCH LIGHT ON WITH BOTH DTC P2106 AND P2135—VEHICLES BUILT 11/29/2004 AND PRIOR**

**TSB 05-14-4**

**FORD:**

2003-2005 Thunderbird  
 2005 Crown Victoria, Mustang  
 2004-2005 Explorer, F-150  
 2005 E-Series, Expedition, F-Super Duty

**LINCOLN:**

2003-2005 LS  
 2005 Town Car, Navigator

**MERCURY:**

2005 Grand Marquis  
 2004-2005 Mountaineer

This article supersedes TSB **05-09-15** to update the Issue and Dealer Coding.

**ISSUE**

Some vehicles built 11/29/2004 and prior may exhibit the wrench light on with both P2106 and P2135 diagnostic trouble codes (DTCs).

**ACTION**

Replace the throttle position sensor (TPS) following the instruction sheet included in the TPS service kit. Reprogram the powertrain control module (PCM) to the latest calibration using WDS release B36.11 and higher, or B37.2 and higher. This new calibration is not included in the B37 CD. Calibration files are also available at [www.motorcraft.com](http://www.motorcraft.com).

**CAUTION**

**FAILURE TO FOLLOW THE TPS REMOVAL AND INSTALLATION PROCEDURE WILL RESULT IN DAMAGE TO THE TPS SCREWS.**

PART NUMBER	PART NAME
3L5Z-9B989-AA	TPS (Kit)

LABOR OPERATIONS CLAIMING CHART			
Operation	Labor Operation	Application	Time
051404A	Check For Codes, Reprogram PCM, Replace The Throttle Position Sensor, And Perform Final Quick Test (Do not use with: 12650D, 12650D84, 12650D1, 12650DX1)	2003-2005 LS 3.9L	1.4 Hrs.
		2003-2005 LS 3.0L	0.7 Hr.
		2003-2005 T-bird 3.9L	1.4 Hrs.
		2004 Explorer 4.0L	0.6 Hr.
		2004 Explorer 4.6L	0.7 Hr.
		2005 Explorer 4.0L And 4.6L	0.7 Hr.
		2004 Mountaineer 4.0L	0.6 Hr.
		2004 Mountaineer 4.6L	0.7 Hr.
		2005 Mountaineer 4.0L And 4.6L	0.7 Hr.
		2004-2005 F-150 4.6L	0.6 Hr.
		2004-2005 F-150 5.4L 3V	0.7 Hr.
		2005 Mustang 4.0L 3V And 4.6L 3V	0.7 Hr.
		2005 Crown Victoria	0.7 Hr.
		2005 Grand Marquis	0.7 Hr.
		2005 Town Car	0.7 Hr.
		2005 F-Super Duty 5.4L 3V And 6.8L 3V	0.7 Hr.
	2005 E-Series 4.6L, 5.4L and 6.8L	0.9 Hr.	
	2005 Expedition 5.4L 3V	1.0 Hrs.	
	2005 Navigator 5.4L 3V	1.0 Hrs.	

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

**DEALER CODING**

BASIC PART NO.  
9E928

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