

**5.0L—MALFUNCTION INDICATOR LAMP (MIL)—DTCS
P0300-P0308 AND/OR P0316 NO DRIVABILITY
SYMPTOMS—BUILT ON OR BEFORE 5/1/2013**

TSB 13-6-15

FORD:
2011-2014 Mustang

ISSUE

Some 2011-2014 Mustang vehicles equipped with a 5.0L engine and built on or before 5/1/2013 may exhibit a MIL illuminated with any combination of diagnostic trouble codes (DTCs) P0300, P0301, P0302, P0303, P0304, P0305, P0306, P0307, P0308 and/or P0316. There will be no other DTCs or drivability symptoms present.

ACTION

Follow the Service Procedure steps to correct the condition.

SERVICE PROCEDURE

1. Using Integrated Diagnostic System (IDS), perform self test on the powertrain control module (PCM) to check for both key-on engine off (KOEO) and key-on engine running (KOER) DTCs.
 - a. If any DTCs P0300-P0308 and/or P0316 are present in KOER and/or a drivability concern such as cylinder misfire are present, this article does not apply. Refer to Powertrain Control/Emissions Diagnosis (PC/ED) manual for normal diagnostics.
 - b. If any DTCs P0300-P0308 and/or P0316 are present in KOEO and no drivability concerns are present, remove the crankshaft position (CKP) sensor and install an o-ring on the CKP sensor. Refer to Workshop Manual, Section 303-14. (Figure 1)



Figure 1 - Article 13-6-15

2. Using IDS, clear DTCs and perform Misfire Monitor Neutral Profile Correction.

PART NUMBER	PART NAME
FOPZ-9229-A	O-ring

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.

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TSB 13-6-15 (Continued)

OPERATION	DESCRIPTION	TIME
130615A	2011-2014 Mustang 5.0L: Check DTSs Install O-ring Onto The CKP Sensor Includes Time To Remove And Install CKP Clear DTCs And Perform Misfire Monitor Neutral Profile Correction (Do Not Use With Any Other Labor Operations)	0.6 Hr.

DEALER CODING

BASIC PART NO.	CONDITION CODE
6C315	33

**WRENCH LIGHT ILLUMINATED—DIAGNOSTIC
TROUBLE CODE (DTC) P166A—MEMORY SEAT
RECALL FUNCTION INOPERATIVE DURING PASSIVE
ENTRY**

TSB 13-6-16

FORD:
2013 Fusion

LINCOLN:
2013 MKZ

ISSUE

Some 2013 Fusion and MKZ vehicles may exhibit an illuminated wrench light with DTC P166A stored in the powertrain control module (PCM), or the memory seat recall function may be inoperative during passive entry.

ACTION

Reprogram the body control module (BCM) to the latest calibration using Integrated Diagnostic System (IDS) release 85.02 and higher. Calibration files may also be obtained at www.motorcraft.com.

OPERATION	DESCRIPTION	TIME
130616A	2013 Fusion And MKZ: Check DTCs And Reprogram The BCM Includes Time To Clear Codes After Repair (Do Not Use With Any Other Labor Operations)	0.3 Hr.
DEALER CODING		
BASIC PART NO. 15604		CONDITION CODE 42

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

2012-2013 Focus, Fusion
 2012-2014 Fiesta, Mustang
 2013 C-MAX, Taurus
 2012-2013 E-Series, Edge, Expedition,
 Explorer, F-150, F-250

2013 Escape
 2013-2014 Flex

LINCOLN:

2012 MKZ
 2012-2013 Navigator

ISSUE

Some vehicles equipped with SYNC may exhibit various concerns related to SYNC features. Refer to the Service Procedure for complete details.

ACTION

Follow the Service Procedure steps to improve the condition.

SERVICE PROCEDURE

This procedure excludes vehicles equipped with MyFord Touch or MyLincoln Touch.

Symptoms addressed by this procedure include the following:

- All SYNC features inoperative: lack of or slow response to Auxiliary, Phone, and Voice button operation.
- U3000:04 in the Accessory Protocol Interface Module (APIM).
- Intermittent phone connection issues.
- When multiple phones are paired to SYNC, SYNC intermittently does not connect to the device that is set as the Primary phone.
- Incorrect caller ID displayed for text messages.
- Voice recognition system responds Calling Dot at Work.
- Dials the first phone book entry in phone book to all Call commands.
- Apple device connected via USB intermittently does not reconnect and resume playback after ignition cycle, system goes to Line In instead.
- USB over time responds Indexing, Speech control not available with this device, Index Full, or fails to connect to a USB device previously connected without concerns.

1. Verify if a SYNC update is available. Go to the Professional Technician Society (PTS) website and from the OASIS tab select the SYNC button. Scroll to the bottom of the page, under software update actions, click on the View Latest Software hyper link located next to the standard selection. A software update is identified when there is no check box next to the Customer Interface Processor (CIP)
2. Are software updates available?
 - a. No - this article does not apply. Refer to Workshop Manual (WSM), Section 415-00 for normal diagnosis.
 - b. Yes - ensure that the Integrated Diagnostic Software (IDS) release is at 85.01 or higher, then close the IDS software and proceeded to Step 3.
3. Reprogram the APIM. To perform the reprogram it will be necessary to follow the online version of the WSM, Section 418-01, for APIM - Standard programming.

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TSB 13-6-17 (Continued)

OPERATION	DESCRIPTION	TIME
130617A	Reprogram The APIM (Do Not Use With Any Other Labor Operations)	0.4 Hr.

DEALER CODING	CONDITION CODE
BASIC PART NO. 14D212	04

IGNITION OFF DRAW (IOD) DUE TO ACCESSORY PROTOCOL INTERFACE MODULE (APIM) OR REMOTE FUNCTION ACTUATOR (RFA) KEEPING NETWORK AWAKE

TSB 13-6-18

FORD:
2011 Edge, Explorer

LINCOLN:
2011 MKX

ISSUE

Some 2011 Edge, MKX and Explorer vehicles equipped with MyTouch and Intelligent Access, may experience an RFA module keeping the controller area network (CAN) awake causing excessive IOD and a dead battery. An incorrect CAN message from the APIM may be causing this condition. APIM vehicle interface processor (VIP) versions 2.2.7 through 2.2.12 are the affected VIP levels.

ACTION

Follow the Service Procedure steps to improve the condition.

SERVICE PROCEDURE

1. Check APIM VIP level by reviewing the vehicle micro controller unit (VMCU) software.
 - a. From bezel diagnostics, select APIM, software version, then observe the VMCU. Refer to Workshop Manual (WSM), Section 415-00.
2. Is the VMCU level greater than 2.2.12?
 - a. Yes - this article does not apply. Refer to WSM, Section 414-01 for normal diagnosis.
 - b. No - check for and perform any open MyTouch service articles before proceeding with this procedure. Proceed to Step 3.
3. Program APIM using the scan tool and Professional Technician Society (PTS) website.
 - a. Connect scan tool, open PTS, select Read VIN and DTCs.
 - b. From PTS, select the SYNC drop-down from the OASIS tab.

- c. Scroll to the bottom of the SYNC page, select the Custom bubble then select Read SYNC. Tool will gather module data and display available software for installation.
- d. Select the assembly bubble without a check box next to the VIP assembly, select continue at the bottom of the page. No applications should be selected during this programming procedure
- e. Select Program SYNC, follow on screen prompts to complete APIM programming procedure.

WARRANTY STATUS: Eligible Under Provisions Of New Vehicle Limited Warranty Coverage
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OPERATION	DESCRIPTION	TIME
130618A	2011 Edge, Explorer And MKX: Reprogram The APIM (Do Not Use With Any Other Labor Operations)	0.4 Hr.

DEALER CODING

BASIC PART NO.	CONDITION CODE
14D212	04

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CHASSIS CAB—6.7L—MALFUNCTION INDICATOR LAMP (MIL) AND DIAGNOSTIC TROUBLE CODE (DTC) P207F WITH OR WITHOUT DTC P204F

TSB 13-6-19

FORD:
2012 F-350

This article supersedes TSB 13-5-19 to update the Service Procedure.

ISSUE

Some 2012 F-Super Duty Chassis Cab F-350 vehicles equipped with a 6.7L diesel engine may exhibit an illuminated MIL and DTC P207F with or without DTC P204F. This condition may be most common with vehicles operated in low-speed driving conditions and/or when operated in stationary idle mode for extended periods of time preventing the vehicle from fully completing the exhaust regeneration process.

ACTION

Follow the Service Procedure steps to correct the condition.

SERVICE PROCEDURE

1. Using an Integrated Diagnostic System (IDS) or equivalent, check for DTCs. Is DTC P207F present with or without DTC P204F and no other DTCs?
 - a. No - this article does not apply. Refer to Powertrain Control/Emissions Diagnosis (PC/ED) Manual for normal diagnostics.
 - b. Yes - proceed to Step 2.
2. Reprogram the powertrain control module (PCM) to the latest calibration using IDS release 85.01 and higher. Calibration files may also be obtained at www.motorcraft.com.
3. Is the vehicle in a forced idle mode after reprogramming?
 - a. No - repair is complete.
 - b. Yes - the vehicle is in forced idle mode after the calibration has successfully updated. Perform the following procedure to return the vehicle to normal operation.

- (1) Start the engine.
- (2) Keep the vehicle in Park.
- (3) Increase the engine RPM to 1,800.
- (4) Using the IDS scan tool and monitor PIDs EGT_11, EGT_12, EGT_13 and EGT_14.
- (5) Once all 4 EGT PIDs display 110° Celsius (230° Fahrenheit) or greater, return the engine RPM to idle.
- (6) Allow the vehicle to idle for 10 minutes.

NOTE

PLEASE ADVISE THE CUSTOMER THAT THIS VEHICLE IS EQUIPPED WITH AN ADAPTIVE TRANSMISSION SHIFT STRATEGY WHICH ALLOWS THE VEHICLE'S COMPUTER TO LEARN THE TRANSMISSION'S UNIQUE PARAMETERS AND IMPROVE SHIFT QUALITY. WHEN THE ADAPTIVE STRATEGY IS RESET, THE COMPUTER WILL BEGIN A RE-LEARNING PROCESS. THIS RE-LEARNING PROCESS MAY RESULT IN FIRMER THAN NORMAL UPSHIFTS AND DOWNSHIFTS FOR SEVERAL DAYS.

WARRANTY STATUS: Eligible Under Provisions Of New Vehicle Limited Warranty Coverage And Emissions Warranty Coverage
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TSB 13-6-19 (Continued)

OPERATION	DESCRIPTION	TIME
130619A	2012 F-Super Duty F-350 6.7L Chassis Cab: Check DTCs And Reprogram The PCM Includes Time To Clear Codes (Do Not Use With Any Other Labor Operations)	0.6 Hr.
130619B	2012 F-Super Duty F-350 6.7L Chassis Cab: Check DTCs And Reprogram The PCM Includes Time To Remove The Vehicle From Forced Idle Mode And Clear Codes (Do Not Use With Any Other Labor Operations)	0.9 Hr.

DEALER CODING

BASIC PART NO.	CONDITION
RECAL	CODE 04

CHASSIS CAB—6.7L—MALFUNCTION INDICATOR LAMP (MIL) AND DIAGNOSTIC TROUBLE CODE (DTC) P207F WITH OR WITHOUT DTC P204F

TSB 13-6-20

FORD:

2012 F-450, F-550

This article supersedes TSB 13-5-20 to update the Service Procedure.

ISSUE

Some 2012 F-Super Duty Chassis Cab F-450 and F-550 vehicles equipped with a 6.7L diesel engine may exhibit an illuminated MIL and DTC P207F with or without DTC P204F. This condition may be most common with vehicles operated in low-speed driving conditions and/or when operated in stationary idle mode for extended periods of time preventing the vehicle from fully completing the exhaust regeneration process.

ACTION

Follow the Service Procedure steps to correct the condition.

SERVICE PROCEDURE

1. Print the customer information sheet at the bottom of this article and provide it to the customer for awareness. (Figure 1)
2. Using an Integrated Diagnostic System (IDS) or equivalent, check for DTCs. Is DTC P207F present with or without DTC P204F and no other DTCs?
 - a. No - this article does not apply. Refer to Powertrain Control/Emissions Diagnosis (PC/ED) Manual for normal diagnostics.
 - b. Yes - proceed to Step 3.
3. Reprogram the powertrain control module (PCM) to the latest calibration using IDS release 85.01 and higher. Calibration files may also be obtained at www.motorcraft.com.

4. Is the vehicle in a forced idle mode after reprogramming?
 - a. No - repair is complete.
 - b. Yes - the vehicle is in forced idle mode after the calibration has successfully updated. Perform the following procedure to return the vehicle to normal operation.
 - (1) Start the engine.
 - (2) Keep the vehicle in Park.
 - (3) Increase the engine RPM to 1,800.
 - (4) Using the IDS scan tool and monitor PIDs EGT_11, EGT_12, EGT_13 and EGT_14.
 - (5) Once all 4 EGT PIDs display 110° Celsius (230° Fahrenheit) or greater, return the engine RPM to idle.
 - (6) Allow the vehicle to idle for 10 minutes.

NOTE

PLEASE ADVISE THE CUSTOMER THAT THIS VEHICLE IS EQUIPPED WITH AN ADAPTIVE TRANSMISSION SHIFT STRATEGY WHICH ALLOWS THE VEHICLE'S COMPUTER TO LEARN THE TRANSMISSION'S UNIQUE PARAMETERS AND IMPROVE SHIFT QUALITY. WHEN THE ADAPTIVE STRATEGY IS RESET, THE COMPUTER WILL BEGIN A RE-LEARNING PROCESS. THIS RE-LEARNING PROCESS MAY RESULT IN FIRMER THAN NORMAL UPSHIFTS AND DOWNSHIFTS FOR SEVERAL DAYS.

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TSB 13-6-20 (Continued)

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.

130620B 2012 F-Super Duty F-450/550 6.7L Chassis Cab: Check DTCs And Reprogram The PCM Includes Time To Remove The Vehicle From Forced Idle Mode And Clear Codes (Do Not Use With Any Other Labor Operations) 0.9 Hr.

DEALER CODING

BASIC PART NO.
 RECAL

CONDITION
 CODE
 04

OPERATION	DESCRIPTION	TIME
130620A	2012 F-Super Duty 450/550 6.7L Chassis Cab: Check DTCs And Reprogram The PCM Includes Time To Clear Codes (Do Not Use With Any Other Labor Operations)	0.6 Hr.



2012 Model Year 6.7L Diesel Engine Customer Information Sheet

Your 2012 Model Year F450-550 Super-Duty Chassis Cab with GVWR >14,000 lbs. received revised Powertrain Engine Control Module calibration software that includes updates for Diesel Particulate Filter (DPF) regeneration (cleaning). The software updates include the following changes to the DPF regeneration process and instrument cluster messaging:

- If the vehicle is in a DPF regeneration process, regeneration will continue for up to 5 minutes after the vehicle is shifted into "Park" or "Neutral" with the vehicle stopped. Previously upon shifting to "Park" the exhaust system would exit the DPF regeneration mode. If your vehicle usage is impacted by this change, shutting the vehicle off in "Park" cancels the DPF regeneration process.
- Your vehicle will also now display a "CLEANING EXHAUST FILTER" message in the instrument panel message center for the entire DPF regeneration cycle. See *Message center* in the *Instrument Cluster* chapter of vehicle *Owner Guide* for more information.

Please review and understand the warnings and notes regarding Diesel Particulate Filter regeneration and system operation in vehicle Owner's Guide and Diesel Supplement.

Please keep this letter in your glove box for future reference

TB-10421-A

Figure 1 - Article 13-6-20

POWER/HANDS-FREE LIFTGATE DIFFICULT TO OPEN OR CLOSE—LIFTGATE/TRUNK MODULE DTCS C2006:19, B1453, U3000—WARNING CHIME AND LIFTGATE AJAR MESSAGE

TSB 13-6-21

FORD:

2013-2014 Escape

ISSUE

Some 2013-2014 Escape vehicles built on or before 6/12/2013 and equipped with a power or hands-free liftgate may exhibit a customer concern with a Liftgate Ajar warning chime, indicator message illuminated and/or a difficult to open or close liftgate. Diagnostic trouble codes (DTCs) C2006:19, B1453, and/or U3000 may be stored in the liftgate/trunk module (LTM).

ACTION

Follow service procedure steps to correct the condition.

SERVICE PROCEDURE

1. Measure body margins - rear panels for liftgate to vehicle body fit. Refer to Workshop Manual (WSM), Section 501-35.
2. Are liftgate measurements within specification?
 - a. Yes - proceed to Step 3.
 - b. No - perform Liftgate Alignment procedure. Refer to WSM, Section 501-03. Proceed to Step 3.
3. Reprogram the LTM to the latest calibration using Integrated Diagnostic System (IDS) release 85.02 and higher. Calibration files may also be obtained at www.motorcraft.com.

WARRANTY STATUS: Eligible Under Provisions Of New Vehicle Limited Warranty Coverage
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OPERATION	DESCRIPTION	TIME
130621A	2013-2014 Escape: Measure Body Margins And Reprogram The LTM (Do Not Use With Any Other Labor Operations)	0.4 Hr.
130621B	2013-2014 Escape: Measure Body Margins Perform Liftgate Alignment Procedure And Reprogram The LTM (Do Not Use With Any Other Labor Operations)	2.6 Hrs.

DEALER CODING

BASIC PART NO.	CONDITION CODE
7840010	07

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FORD:
2013 C-MAX, Fusion

LINCOLN:
2013 MKZ

ISSUE

Some 2013 C-MAX, Fusion, MKZ Hybrid and Energi vehicles may exhibit the check engine lamp and/or wrench lamp illuminating accompanied by various diagnostic trouble codes (DTCs).

- b. No - this article does not apply. Refer to Workshop or Powertrain Control/Emissions Diagnosis (PC/ED) Manual for normal diagnostics.

ACTION

Follow the Service Procedure steps to correct the condition.

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SERVICE PROCEDURE

1. Do you have any of the following DTCs?
 - P01EB
 - P0400
 - P0600
 - P062C
 - P0CF7
 - P1124
 - P2183
 - P0B0D
 - P0C28
 - P0C29
 - P0C2A
 - P175A
 - U019B
- a. Yes - one or more of the DTCs are present, reprogram the powertrain control module (PCM) to the latest calibration using IDS release 85.01 and higher. Calibration files may also be obtained at www.motorcraft.com.

OPERATION	DESCRIPTION	TIME
130622A	2013 C-MAX, Fusion And MKZ Hybrid/Energi: Reprogram The Appropriate Modules As Required By The Software Update Includes Time To Clear Codes After Repair (Do Not Use With Any Other Labor Operations)	0.5 Hr.

DEALER CODING

BASIC PART NO.	CONDITION CODE
RECALEM	04

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FORD:
2013 C-MAX, Fusion

LINCOLN:
2013 MKZ

The article supersedes TSB **13-5-1** to update the Title, Issue Statement and Service Procedure.

ISSUE

Some 2013 C-Max Hybrid/Energi vehicles built on or before 4/9/2013 and Fusion Hybrid/Energi and MKZ Hybrid vehicles built on or before 6/12/2013 may exhibit a 12-volt battery which is unable to maintain a charge or becomes discharged when the vehicle is operated with maximum electrical loads for short drive cycles and then left unattended for several hours during cold weather temperatures, less than 0 degrees Celcius (32 degrees Fahrenheit).

ACTION

Follow the Service Procedure steps to correct the condition.

SERVICE PROCEDURE

1. Does the concern occur only when the ambient temperature is below 0 °C (32 °F)?
 - a. Yes - proceed to Step 2.
 - b. No - this article does not apply. Refer to Workshop Manual, Section 414-01 for normal diagnosis.
2. Reprogram the Direct Current/Direct Current (DC/DC) Converter Control Module to the latest calibration using IDS release 84.02 and higher. Calibration files may also be obtained at www.motorcraft.com.

WARRANTY STATUS: Eligible Under Provisions Of New Vehicle Limited Warranty Coverage
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OPERATION	DESCRIPTION	TIME
130623A	2013 C-MAX, Fusion Hybrid, Fusion Energi and MKZ Hybrid: Reprogram The Direct Current/Direct Current Converter Module (Do Not Use With Any Other Labor Operation)	0.2 Hr.

DEALER CODING

BASIC PART NO.	CONDITION CODE
14B227	04

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FORD:

2011-2012 F-Super Duty

ISSUE

Some 2011-2012 F-Super Duty vehicles equipped with a 6.7L engine and built on or before 10/11/2011 may exhibit a malfunction indicator lamp (MIL) on with diagnostic trouble codes (DTCs) P207F, P20EE, P2200, P2201, P2209, P164A, P2A00 and/or P0133.

ACTION

Follow the Service Procedure Steps to correct the condition.

SERVICE PROCEDURE

1. Using an Integrated Diagnostic System (IDS) or equivalent, check for DTCs. Are any of the following DTCs present: P207F, P20EE, P2200, P2201, P2209, P164A, P2A00 or P0133?
 - a. No - this article does not apply. Refer to Powertrain Control/Emissions Diagnosis (PC/ED) Manual for normal diagnostics.
 - b. Yes - proceed to Step 2.
2. Is this vehicle a 2012 F-450 or F-550 chassis cab?
 - a. Yes - Proceed to Step 3.
 - b. No - Proceed to Step 4.
3. Print the customer information sheet at the bottom of this article and provide it to the customer for awareness. This awareness sheet only applies to 2012 F-450 and F-550 chassis cab vehicles. (Figure 1) Proceed to Step 4.
4. Replace Nitrogen Oxides (NOx) Sensor with updated service component. Refer to Workshop Manual, Section 303-14B.
5. Reprogram the powertrain control module (PCM) to the latest calibration using IDS release 85.01 or higher. Calibration files may also be obtained at www.motorcraft.com.
6. Reset/clear the NOx sensor adaptive learn tables. Resetting/clearing of the adaptive learn tables can be accomplished with IDS by selecting the following: Powertrain Service Functions Reset/Clear Specified Function Nitrogen Oxide selection.
 - a. The adaptive learn tables for the NOx sensor are not reset during PCM reprogramming and will need to be reset/cleared to prevent the code/codes from being set falsely.
7. Is the vehicle in a forced idle mode after reprogramming?
 - a. No - repair is complete.
 - b. Yes - the vehicle is in forced idle mode after the calibration has successfully updated. Perform the following procedure to return the vehicle to normal operation.
 - (1) Start the engine.
 - (2) Keep the vehicle in Park.
 - (3) Increase the engine RPM to 1,800.
 - (4) Using the IDS scan tool and monitor PIDs EGT_11, EGT_12, EGT_13 and EGT_14.
 - (5) Once all 4 EGT PIDs display 110° Celsius (230° Fahrenheit) or greater, return the engine RPM to idle.
 - (6) Allow the vehicle to idle for 10 minutes.

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TSB 13-6-24 (Continued)

PLEASE ADVISE THE CUSTOMER THAT THIS VEHICLE IS EQUIPPED WITH AN ADAPTIVE TRANSMISSION SHIFT STRATEGY WHICH ALLOWS THE VEHICLE'S COMPUTER TO LEARN THE TRANSMISSION'S UNIQUE PARAMETERS AND IMPROVE SHIFT QUALITY. WHEN THE ADAPTIVE STRATEGY IS RESET, THE COMPUTER WILL BEGIN A RE-LEARNING PROCESS. THIS RE-LEARNING PROCESS MAY RESULT IN FIRMER THAN NORMAL UPSHIFTS AND DOWNSHIFTS FOR SEVERAL DAYS.

PART NUMBER	PART NAME
BC3Z-9D378-G	Sensor - NOx Trap

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
130624A	2011-2012 F-Super Duty 6.7L: Check DTCs Replace The NOx sensor And Reprogram The PCM. Includes Time To Clear Codes (Do Not Use With Any Other Labor Operations)	1.0 Hr.
130624B	2011-2012 F-Super Duty 6.7L: Check DTCs Replace The NOx Sensor And Reprogram The PCM. Includes Time To Remove The Vehicle From Forced Idle Mode And Clear Codes (Do Not Use With Any Other Labor Operations)	1.4 Hrs.

DEALER CODING

BASIC PART NO.	CONDITION CODE
9D378	42



2012 Model Year 6.7L Diesel Engine Customer Information Sheet

Your 2012 Model Year F450-550 Super-Duty Chassis Cab with GVWR >14,000 lbs. received revised Powertrain Engine Control Module calibration software that includes updates for Diesel Particulate Filter (DPF) regeneration (cleaning). The software updates include the following changes to the DPF regeneration process and instrument cluster messaging:

- If the vehicle is in a DPF regeneration process, regeneration will continue for up to 5 minutes after the vehicle is shifted into "Park" or "Neutral" with the vehicle stopped. Previously upon shifting to "Park" the exhaust system would exit the DPF regeneration mode. If your vehicle usage is impacted by this change, shutting the vehicle off in "Park" cancels the DPF regeneration process.
- Your vehicle will also now display a "CLEANING EXHAUST FILTER" message in the instrument panel message center for the entire DPF regeneration cycle. See *Message center* in the *Instrument Cluster* chapter of vehicle *Owner Guide* for more information.

Please review and understand the warnings and notes regarding Diesel Particulate Filter regeneration and system operation in vehicle Owner's Guide and Diesel Supplement.

Please keep this letter in your glove box for future reference

TB-10421-A

Figure 1 - Article 13-6-24

**ENERGI—HIGH VOLTAGE BATTERY CHARGING
MESSAGE—IS VEHICLE PLUGGED-IN?—DTC U019B
AND/OR P0CF7—BUILT ON OR BEFORE 4/15/2013**

TSB 13-6-25

FORD:

2013 C-MAX, Fusion

ISSUE

Some 2013 C-MAX Energi and Fusion Energi vehicles built on or before 4/15/2013 may exhibit diagnostic trouble codes (DTC) with - Is vehicle plug-in? Y/N - message related to charging of the high voltage battery.

ACTION

Follow the Service Procedure steps to correct the condition.

SERVICE PROCEDURE

1. If vehicle exhibits one or more of the following concerns, proceed to Step 2.
 - a. DTC U019B is present in the battery energy control module (BECM) or secondary on board diagnostic module (SOBDM).
 - b. DTC P0CF7 is present in the SOBDM, which also may prevent the vehicle from charging.
2. Reprogram SOBDM to the latest calibration using IDS release 84.03 and higher. Calibration files may also be obtained at www.motorcraft.com.
 - a. Select program powertrain control module (PCM) at the program module screen in the Integrated Diagnostic System (IDS). When selecting PCM, a coordinated software update of all necessary modules on the communication network will be performed, including the SOBDM.

WARRANTY STATUS: Eligible Under Provisions Of New Vehicle Limited Warranty Coverage
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OPERATION	DESCRIPTION	TIME
130625A	2013 C-MAX And Fusion Hybrid/Energi: Reprogram The Appropriate Modules As Required By The Software Update Includes Time To Clear Codes After Repair (Do Not Use With Any Other Labor Operations)	0.5 Hr.

DEALER CODING	CONDITION CODE
BASIC PART NO. 10B689	04

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**6.2L ENGINE—RED BRAKE WARNING INDICATOR—
DTC C101A:62—BUILT ON OR BEFORE 2/21/2013**

TSB 13-6-26

FORD:

2013 F-250, F-350

ISSUE

Some 2013 F-Super Duty 250/350 vehicles equipped with 6.2L engine and built on or before 2/21/2013 may exhibit illuminated red brake warning indicator with diagnostic trouble code (DTC) C101A:62 - vacuum pressure sensor signal error in the anti-lock brake (ABS) module.

ACTION

Reprogram the ABS module to the latest calibration using IDS release 85.03 and higher. Calibration files may also be obtained at www.motorcraft.com.

WARRANTY STATUS: Eligible Under Provisions Of New Vehicle Limited Warranty Coverage And Emissions Warranty Coverage
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OPERATION	DESCRIPTION	TIME
130626A	2013 F-Super Duty 6.2L: Check DTCs And Reprogram The ABS Module (Do Not Use With Any Other Labor Operations)	0.2 Hr.
DEALER CODING		
BASIC PART NO. 2C219		CONDITION CODE 04

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**INSTRUMENT PANEL CLUSTER (IPC) INOPERATIVE
AT START-UP—BUILT ON OR BEFORE 2/6/2013**

TSB 13-6-27

FORD:
2012-2013 Focus

ISSUE

Some 2012-2013 Focus vehicles built on or before 2/6/2013 may exhibit an inoperative IPC on vehicle start-up.

ACTION

Follow the Service Procedure steps to correct the condition.

SERVICE PROCEDURE

1. Connect the vehicle to a battery charger.
2. Connect Integrated Diagnostic System (IDS) and ensure the USB connection is secure.
 - a. Any interruption during the reprogramming event will result in being forced to repeat the procedure.
3. Is the vehicle currently exhibiting an inoperative IPC?
 - a. Yes - restore IPC to normal operation by removing fuse number 69 from the body control module for one (1) minute and then reinstall fuse. Refer to Wiring Diagram, Section 11-1, page 3.
 - b. No - proceed to Step 4.
4. Reprogram the IPC to the latest calibration using IDS release 85.02 and higher. Calibration files may also be obtained at www.motorcraft.com.

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
130627A	2012-2013 Focus: Restore IPC Operation If Necessary And Reprogram The IPC (Do Not Use With Any Other Labor Operations)	0.4 Hr.

DEALER CODING	CONDITION CODE
BASIC PART NO. 10849	42

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**1.6L GTDI/2.0L GTDI/2.0L GDI—DTCS
P025A/U0109/P0103/P1A0C—BUILT ON OR BEFORE
4/1/2013**

TSB 13-6-28

FORD:

2013 C-MAX, Focus, Escape

This article supersedes TSB 13-2-5 to add a production fix date.

ISSUE

Some 2013 Escape 1.6L Gasoline Turbocharged Direct Injection (GTDI)/2.0L GTDI, 2013 Focus 2.0L Gasoline Direct Injection (GDI) and C-MAX vehicles equipped with Intelligent Access Remote Start feature and built on or before 4/1/2013 exhibit diagnostic trouble codes (DTCs) P025A/U0109 (Escape), P025A/U0109/P0103 (Focus) and P025A/P0103/P1A0C (C-MAX) stored in the Powertrain Control Module memory. When using the Remote Start feature, customers may experience a Crank No-Start or Stall shortly after vehicle is driven. All DTC s (P025A/U0109 for Escape, P025A/U0109/P0103 for Focus and P025A/P0103/P1A0C for C-MAX) must be present for this TSB to apply.

ACTION

Reprogram the body control module (BCM) to the latest calibration using IDS release 83.02 or higher. Calibration files may also be obtained at www.motorcraft.com.

WARRANTY STATUS: Eligible Under Provisions Of New Vehicle Limited Warranty Coverage And Emissions Warranty Coverage
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Warranty/ESP coverage limits are determined by the identified causal part and verified using the OASIS part coverage tool.

OPERATION	DESCRIPTION	TIME
130628A	2013 Escape 1.6L/2.0L/2013 Focus 2.0L GDI And C-MAX: Check DTCs And Reprogram The BCM Includes Time To Clear Codes (Do Not Use With Any Other Labor Operations)	0.2 Hr.
DEALER CODING		
BASIC PART NO. 14A068		CONDITION CODE 04

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