



Michael A. Berardi
Director
Service Engineering Operations
Ford Customer Service Division

Ford Motor Company
P. O. Box 1904
Dearborn, Michigan 48121

July 23, 2014

TO: All U.S. Ford and Lincoln Dealers

SUBJECT: DEMONSTRATION / DELIVERY HOLD - Safety Recall 14S06 - Supplement #1
Certain 2011-2013 Model Year Explorer Vehicles
Electric Power Steering

REF: DEMONSTRATION / DELIVERY HOLD - Safety Recall 14S06
Dated May 29, 2014

New! REASON FOR THIS SUPPLEMENT

To announce that the IDS software to reprogram the Power Steering Control Module (PSCM) is now available on release 91.03.

AFFECTED VEHICLES

Certain 2011-2013 model year Explorer vehicles built at the Chicago Assembly Plant from Job #1 2011 through February 28, 2012. Affected vehicles are identified in OASIS. In addition, for a list of vehicles assigned to your dealership, visit <https://web.fsavinlists.dealerconnection.com>. This information was available on May 29, 2014.

REASON FOR THIS SAFETY RECALL

In some of the affected vehicles, the power steering system may revert to manual steering mode due to the Power Steering Control Module (PSCM) detecting a motor position sensor failure. In manual steering mode there is still a mechanical linkage between the steering wheel and the road wheels, allowing steering control to be maintained. If this condition should occur, a message will display in the Instrument Cluster Message Center, a chime will sound to inform the driver, and the steering effort may be greater at low speeds, which may increase the risk of accident.

New! SERVICE ACTION

Before demonstrating or delivering any of the vehicles involved in this recall, dealers are to check the PSCM for Diagnostic Trouble Codes (DTCs).

- If no loss of steering assist codes are present, reprogram the PSCM *using IDS version 91.03 or higher.*
- If any loss of steering assist DTCs are present, replace the steering gear.

One of the above services must be performed on all affected vehicles at no charge to the vehicle owner.

New! OWNER NOTIFICATION MAILING SCHEDULE

Owner Letters are expected to be mailed the week of July 21, 2014. *Dealers should repair any affected vehicles that arrive at their dealerships, whether or not the customer has received a letter.*

PLEASE NOTE:

Federal law requires dealers to complete this recall service before a new vehicle is delivered to the buyer or lessee. Violation of this requirement by a dealer could result in a civil penalty of up to \$7,000 per vehicle. Correct all vehicles in your new vehicle inventory before delivery.

New! ATTACHMENTS

Attachment I: Administrative Information
Attachment II: Labor Allowances and Parts Ordering Information
Attachment III: Technical Information
Attachment IV: Q&A
Owner Notification Letter
Recall Reimbursement Plan

QUESTIONS & ASSISTANCE

Special Service Support Center (Dealer Assistance Only)1-800-325-5621

Sincerely,



Michael A. Berardi

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OASIS ACTIVATED?

Yes, OASIS was activated on May 29, 2014.

FSA VIN LIST ACTIVATED?

Yes, FSA VIN list was available through <https://web.fsavinlists.dealerconnection.com> on May 29, 2014. Owner names and addresses will be available by August 1, 2014.

NOTE: Your FSA VIN list may contain owner names and addresses obtained from motor vehicle registration records. The use of such motor vehicle registration data for any purpose other than in connection with this recall is a violation of law in several states, provinces, and countries. Accordingly, you must limit the use of this listing to the follow-up necessary to complete this recall.

STOCK VEHICLES

Correct all affected units in your new vehicle inventory before delivery.

New! SOLD VEHICLES

- *Owners of affected vehicles will be directed to dealers for repairs.*
- *Immediately contact any of your affected customers whose vehicles are not on your VIN list but are identified in OASIS. Give the customer a copy of the Owner Notification Letter (when available) and schedule a service date.*
- *Correct other affected vehicles identified in OASIS which are brought to your dealership.*

TITLE BRANDED / SALVAGED VEHICLES

Affected title branded and salvaged vehicles are eligible for this recall.

RELATED DAMAGE

If a related damage condition exists that you believe to be caused by the covered condition, call the Special Service Support Center to request approval **prior** to the repair of any related damage. Requests for approval after completion of the repair will not be granted. Ford Motor Company reserves the right to deny coverage for related damage in cases where the vehicle owner has not had this recall performed on a timely basis. Additional related damage parts are subject to random selection for return to the Ford Warranty Parts Analysis Center (WPAC).

ADDITIONAL LABOR TIME

- If a condition exists that requires additional labor to complete the repair, call the Special Service Support Center to request approval **prior** to performing any additional labor. Requests for approval after completion of the repair will not be granted.
- If you encounter aftermarket equipment or modifications to the vehicle which might prevent the repair of the covered condition, call the Special Service Support Center.

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OWNER REFUNDS

- **This safety recall must still be performed, even if the owner has paid for a previous repair. Claiming a refund will not close the recall on the vehicle.**
- Ford Motor Company is offering a refund for owner-paid repairs covered by this recall if the repair was performed prior to the date indicated in the reimbursement plan, which is posted with this bulletin. Owners are directed to seek reimbursement through authorized dealers or, at their option, directly through Ford Motor Company at P.O. Box 6251, Dearborn, MI 48121-6251.
- Dealers are also authorized to refund owner-paid emergency repairs that were performed away from an authorized servicing dealer after the end date specified in the reimbursement plan. Non-covered repairs, or those judged by Ford to be excessive, will not be reimbursed.
- Refunds will only be provided for the cost associated with steering gear replacement for loss of steering assist.

RENTAL VEHICLES

If a customer's vehicle requires the replacement of the steering gear and it is necessary to order parts, Ford Motor Company will pay for one day of vehicle rental. Follow Extended Service Plan (ESP) guidelines for dollar amounts. The daily rate can include applicable taxes but are not allowed to exceed the stated daily rate. Rentals will only be reimbursed for the day the vehicle is at the dealership for part replacement. Prior approval for more than one rental day is required from the Special Service Support Center (1-800-325-5621). The parts order must be an emergency order (unit down) if the order is placed between 3:00 PM and 7:00 PM (your local time zone) to guarantee the shortest delivery time.

CLAIMS PREPARATION AND SUBMISSION

- Enter claims using Direct Warranty Entry (DWE).
- Refer to ACESII manual for claims preparation and submission information.
- Related damage must be claimed on a repair line that is separate from the repair line on which the FSA is claimed. Related damage requires prior approval from the Special Service Support Center.
- "MT" labor should be submitted on a separate repair line with the related damage flag checked. "MT" labor requires prior approval from the Special Service Support Center.
- Submit refunds on a separate repair line.
 - Program Code: 14S06
 - Misc. Expense: ADMIN
 - Misc. Expense: REFUND
 - Misc. Expense: 0.2 Hrs.
- Multiple refunds should be submitted on one repair line and the invoice details for each repair should be detailed in the comments section of the claim.
- For rental vehicle claiming, follow Extended Service Plan (ESP) guidelines for dollar amounts. Enter the total amount of the rental expense under Miscellaneous Expense code "Rental".

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New! LABOR ALLOWANCES

Description	Labor Operation	Labor Time
Check for DTCs, replace steering gear, check and adjust toe	14S06B	2.3 Hours
<i>Check for DTCs and reprogram PSCM</i>	14S06C	0.2 Hours

PARTS REQUIREMENTS / ORDERING INFORMATION (If applicable DTC's are present.)**Steering Gear**

Model Year	Part Number	Description	Quantity
2011-2012	BB5Z-3504-PE	Steering gear without automated parking	1
	BB5Z-3504-RE	Steering gear with automated parking	1
2013	DB5Z-3504-NE	Steering gear without automated parking	1
	DB5Z-3504-PE	Steering gear with automated parking	1

Related Parts

Engine	Steering column shaft-to-steering gear bolt	Stabilizer bar link upper nut	Steering gear bolt	Exhaust pipe nut	Exhaust gasket	Exhaust Y-pipe to muffler gasket
2.0L	W712961-S439 Qty 1	W713968-S440 Qty 2	W716182-S439 Qty 2	N/A	N/A	N/A
3.5L	W712961-S439 Qty 1	W713968-S440 Qty 2	W716182-S439 Qty 2	W714265-S441 Qty 4	7T4Z-9450-AA Qty 2	N/A
3.7L	W712961-S439 Qty 1	W713968-S440 Qty 2	W716182-S439 Qty 2	W714265-S441 Qty 8	7T4Z-9450-AA Qty 2	DA5Z-9450-A Qty 1

The DOR/COR number for this recall is 50540.

Order your parts requirements through normal order processing channels.

Questions regarding parts should be directed to the Special Service Support Center (1-800-325-5621) or E-mailed to: Ford@Renkim.com.

DEALER PRICE

For latest prices, refer to DOES II.

PARTS RETENTION AND RETURN

Follow the provisions of the Warranty and Policy Manual, Section 1 "WARRANTY PARTS RETENTION AND RETURN POLICIES."

EXCESS STOCK RETURN

Excess stock returned for credit must have been purchased from Ford Customer Service Division in accordance with Policy Procedure Bulletin 4000.

CERTAIN 2011-2013 MODEL YEAR EXPLORER VEHICLES — ELECTRIC POWER STEERING

OVERVIEW

In some of the affected vehicles, the power steering system may revert to manual steering mode due to the Power Steering Control Module (PSCM) detecting a motor position sensor failure. In manual steering mode there is still a mechanical linkage between the steering wheel and the road wheels, allowing steering control to be maintained. If this condition should occur, a message will display in the Instrument Cluster Message Center, a chime will sound to inform the driver, and the steering effort may be greater, especially at low speeds, which may increase the risk of accident.

NEW! SERVICE PROCEDURE

1. Connect IDS and check for DTCs in the PSCM.

- If none of the following DTCs are present, reprogram the PSCM. Proceed to "Module Reprogramming" on page 2.

- C1B00-62
- C200B-2F
- C200B-61
- C200B-62
- C200C-2F
- C200D-49
- U0300-00
- U2011-49
- U2011-61
- U3000-46
- U3000-49
- U3000-61
- U3000-72
- U3000-96
- P07AE-09

- If any of the above codes are present, replace the steering gear. For additional information, refer to WSM Section 211-00.

NOTE: Reprogramming of the PSCM is not required if the steering gear is replaced.



NEW ! *Important Information for Module Programming*

NOTE: When programming or reprogramming a module, use the following basic checks to ensure programming completes without errors.

- Make sure the 12V battery is fully charged before carrying out the programming steps and connect IDS/scan tool to a power source.
- Inspect Vehicle Communication Module (VCM) and cables for any damage. Make sure scan tool connections are not interrupted during programming.
- A hardwired connection is strongly recommended.
- Turn off all unnecessary accessories (radio, heated/cooled seats, headlamps, interior lamps, HVAC system, etc.) and close doors.
- Disconnect/depower any aftermarket accessories (remote start, alarm, power inverter, CB radio, etc.).
- Follow all scan tool on-screen instructions carefully.
- Disable IDS/scan tool sleep mode, screensaver, hibernation modes.
- Create all sessions Key On Engine Off (KOEO). Starting the vehicle before creating a session will cause errors within the programming inhale process.

NEW ! *Module Reprogramming*

NOTE: Reprogram appropriate vehicle modules before performing diagnostics and clear all Diagnostic Trouble Codes (DTCs) after programming. For DTCs generated after reprogramming, follow normal diagnostic service procedures.

1. Reprogram the PSCM using IDS version 91.03 or higher.

NOTE: Calibration files may also be obtained at www.motorcraft.com.

NOTE: Follow the IDS on-screen instructions to complete the reprogramming procedure.



**Recovering a module when programming has resulted in a blank module:
NEVER DELETE THE ORIGINAL SESSION!**

- a. Obtain the original IDS that was used when the programming error occurred during Module Reprogramming (MR) or Programmable Module Installation (PMI).
- b. Disconnect the VCM from the Data Link Connector (DLC) and the IDS.
- c. Reconnect the VCM to IDS and then connect to the DLC. Once reconnected, the VCM icon should appear in the corner of the IDS screen. If it does not, troubleshoot the IDS to VCM connection.
- d. Locate the ORIGINAL vehicle session when programming failed. This should be the last session used in most cases. If not, use the session created on the date that the programming failed.

NOTE: If the original session is not listed in the previous session list, click the "Recycle Bin" icon at the lower right of the previous session screen. This loads any deleted sessions and allows you to look through them. Double-click the session to restore it.

- e. Once the session is loaded, the failed process should resume automatically.
- f. If programming does not resume automatically, proceed to the Module Programming menu and select the previously attempted process, PMI or MR.
- g. Follow all on-screen prompts/instructions.
- h. Near the end of programming, the IDS prompts you to select certain parameters. It is important to make a selection for ALL parameters listed. If the correct selection is already highlighted, you must still choose that selection before clicking the "Tick" mark to complete the configuration.
- i. The last screen on the IDS may list additional steps required to complete the programming process. Make sure all applicable steps listed on the screen are followed in order.



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New! **DEALER Q & A**

Q1. What is the problem?

- A. Ford is voluntarily recalling certain 2011-2013 model year Explorer vehicles to address concerns relating to power steering operation. In some of the affected vehicles, the power steering system may revert to manual steering mode due to an Electric Power Steering (EPS) system fault related to the motor position sensor. In manual steering mode there is still a mechanical linkage between the steering wheel and the road wheels, allowing steering control to be maintained. If this condition should occur, a message will display in the instrument cluster message center, a chime will sound to inform the driver, and the steering effort may be greater at low speeds, which may increase the risk of accident.

Q2. Why are some vehicles repaired with part replacement and others repaired with module reprogramming?

- A. Each of these repairs mitigates the risk associated with loss of EPS assist. The replacement steering gear has verified subcomponent quality to prevent the condition that results in loss of power steering assist. Reprogramming the module will prevent the sudden loss of steering assist while driving, when motor position sensor encoder faults occur.

Q3. What does the software update do?

- A. The software update may extend the time steering assist is maintained if a motor position sensor fault occurs.

Q4. What if a customer experiences loss of steering assist after the module has been reprogrammed?

- A. The module was reprogrammed to prevent sudden loss of steering assist while driving if a motor position sensor fault occurs. Any subsequent loss of assist repairs experienced after completion of module reprogramming should be diagnosed using normal procedures and are not covered by this recall.

Q5. What should I tell a customer who experiences loss of steering assist after the recall has been performed?

- A. The module was reprogrammed to prevent sudden loss of steering assist while driving in the event of a motor position sensor fault. Customers should be advised that the replacement of the steering gear is at their expense if the vehicle is beyond warranty coverage period.