



David J. Johnson  
Director  
Service Engineering Operations  
Ford Customer Service Division

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

March 15, 2019

**TO:** All U.S. Ford and Lincoln Dealers

**SUBJECT: Customer Satisfaction Program 19B05**

Certain 2012 - 2013 Model Year Expedition/Navigator Vehicles Equipped With  
A 6R80 Transmission  
Sudden Transmission Downshift - Powertrain Control Module Reprogramming

**PROGRAM TERMS**

This program will be in effect through March 31, 2020. There is no mileage limit for this program.

Coverage is automatically transferred to subsequent owners.

**VEHICLES COVERED BY THIS PROGRAM**

Vehicle	Model Year	Assembly Plant	Build Dates
Expedition/Navigator	2012 - 2013	Kentucky Truck	August 19, 2011 through August 15, 2013

Affected vehicles are identified in OASIS and FSA VIN Lists.

**REASON FOR PROVIDING EXTENDED WARRANTY COVERAGE**

In some of the affected vehicles, an intermittent Output Shaft Speed Sensor (OSS) failure may result in an unintended downshift into first gear. Depending on vehicle speed at the time of the downshift, an abrupt wheel speed reduction may occur.

**SERVICE ACTION**

Dealers are to reprogram the Powertrain Control Module (PCM) using Integrated Diagnostic Software (IDS) release 112.04 or higher. Some vehicles may already have the latest software. This service must be performed at no charge to the vehicle owner.

**OWNER NOTIFICATION MAILING SCHEDULE**

Owner Letters are expected to be mailed the week of April 8, 2019. Dealers should repair any affected vehicles that arrive at their dealerships, whether or not the customer has received a letter.

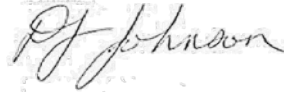
**ATTACHMENTS**

Attachment I: Administrative Information  
Attachment II: Labor Allowances and Parts Ordering Information  
Attachment III: Technical Information  
Owner Notification Letters

**QUESTIONS & ASSISTANCE**

For questions and assistance, contact the Special Service Support Center (SSSC) via the SSSC Web Contact Site. The SSSC Web Contact Site can be accessed through the Professional Technician Society (PTS) website using the SSSC link listed at the bottom of the OASIS VIN report screen or listed under the SSSC tab.

Sincerely,

A handwritten signature in cursive script that reads "D. Johnson". The signature is written in black ink and is positioned above the printed name.

David J. Johnson

**Customer Satisfaction Program 19B05**

Certain 2012 - 2013 Model Year Expedition/Navigator Vehicles Equipped With A 6R80  
Transmission

Sudden Transmission Downshift - Powertrain Control Module Reprogramming

**OASIS ACTIVATION**

OASIS will be activated on March 15, 2019.

**FSA VIN LISTS ACTIVATION**

FSA VIN Lists will be available through <https://web.fsavinlists.dealerconnection.com> on March 15, 2019. Owner names and addresses will be available by April 16, 2019.

**NOTE:** Your FSA VIN Lists 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 program 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 service action.

**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.
- Dealers are to prioritize repairs of customer vehicles over repairs of new and used vehicle inventory.

**STOCK VEHICLES**

- Correct all affected units in your new vehicle inventory before delivery.
- Use OASIS to identify any affected vehicles in your used vehicle inventory.

**TITLE BRANDED / SALVAGED VEHICLES**

Affected title branded and salvaged vehicles are eligible for this service action.

**OWNER REFUNDS**

Refunds are not approved for this program.

**RENTAL VEHICLES**

Rental vehicles are not approved for this program.

**Customer Satisfaction Program 19B05**

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Transmission

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**ADDITIONAL REPAIR (LABOR TIME AND/OR PARTS)**

Additional repairs identified as necessary to complete the FSA should be managed as follows:

- For related damage and access time requirements, refer to the Warranty and Policy Manual – Section 6 – Ford & Lincoln Program Policies / General Information & Special Circumstances for FSA's / Related Damage.
- For vehicles within new vehicle bumper-to-bumper warranty coverage, no SSSC approval is required, although related damage must be on a separate repair line with the Related Damage radio button checked.
  - Ford vehicles – 3 years or 36,000 miles
  - Lincoln vehicles – 4 years or 50,000 miles
- For vehicles outside new vehicle bumper-to-bumper warranty coverage, submit an Approval Request to the SSSC Web Contact Site prior to completing the repair.

**CLAIMS PREPARATION AND SUBMISSION**

- **Claim Entry:** Enter claims using Dealer Management System (DMS) or One Warranty Solution (OWS) online.
  - When entering claims, select claim type 31: Field Service Action. The FSA number (19B05) is the sub code.
  - For additional claims preparation and submission information, refer to the Recall and Customer Satisfaction Program (CSP) Repairs in the OWS User Guide.
- **Related Damage/Additional labor and/or parts:** Must be claimed as Related Damage on a separate repair line from the FSA with same claim type and sub code as described in Claim Entry above.

**IMPORTANT:** Click the Related Damage Indicator radio button.

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Transmission

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**LABOR ALLOWANCES**

Description	Labor Operation	Labor Time
Reprogram the Powertrain Control Module (PCM) using IDS release 112.04 or higher. Some vehicles may already have the latest software.	19B05B	0.3 Hours

NOTE: 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.

**PARTS REQUIREMENTS / ORDERING INFORMATION**

Parts are not required to complete this repair.

## **CERTAIN 2012 - 2013 MODEL YEAR EXPEDITION/NAVIGATOR VEHICLES EQUIPPED WITH A 6R80 TRANSMISSION SUDDEN TRANSMISSION DOWNSHIFT — POWERTRAIN CONTROL MODULE REPROGRAMMING**

### **OVERVIEW**

In some of the affected vehicles, an intermittent Output Shaft Speed Sensor (OSS) failure may result in an unintended downshift into first gear. Depending on vehicle speed at the time of the downshift, an abrupt wheel speed reduction may occur.

### **SERVICE PROCEDURE**

#### **Module Reprogramming**

**NOTE:** Reprogram appropriate vehicle modules before performing diagnostics and clear all DTC's after programming. For DTC's generated after reprogramming, follow normal diagnostic service procedures.

1. Connect a battery charger to the 12V battery.

**NOTE:** Make sure the Integrated Diagnostic Software (IDS) computer does not enter sleep mode during programming.

2. Reprogram the Transmission/Powertrain control module using IDS release 112.04 or higher.

- a. Some vehicles may already have the latest software, as software was released in phases.
- b. Make sure you are connected to the Internet prior to reprogramming.

**NOTE:** 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.

**NOTE:** Calibration files may also be obtained at [www.motorcraftservice.com](http://www.motorcraftservice.com).

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

3. Disconnect the battery charger from the 12V battery once the reprogramming has completed.



## 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.

## 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. 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.





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

Customer Satisfaction Program 19B05

April 2019

Mr. John Sample  
123 Main Street  
Anywhere, USA 12345

Your Vehicle Identification Number (VIN): 12345678901234567

At Ford Motor Company, we are committed not only to building high quality, dependable products, but also to building a community of happy, satisfied customers. To demonstrate that commitment, we are providing a no-charge Customer Satisfaction Program for your vehicle with the VIN shown above.

- Why are you receiving this notice?** On your vehicle, an intermittent failure of the output speed sensor (OSS) in the transmission may result in an unintended downshift to first gear.
- What is the effect?** Depending on the vehicle speed at the time of downshift, an abrupt wheel speed reduction may occur.
- What will Ford and your dealer do?** Ford Motor Company has authorized your dealer to reprogram the Powertrain Control Module with software that will prevent an unintended downshift into first gear in the event of an intermittent OSS failure. This service will be performed free of charge (parts and labor).  
This Customer Satisfaction Program will be in effect until March 31, 2020 regardless of mileage. Coverage is automatically transferred to subsequent owners.
- How long will it take?** The time needed for this repair is less than one-half day. However, due to service scheduling requirements, your dealer may need your vehicle for a longer period of time.
- What should you do?** Please call your dealer without delay to schedule a service appointment for Customer Satisfaction Program 19B05. Provide the dealer with your VIN, which is printed near your name at the beginning of this letter.  
If you do not already have a servicing dealer, you can access [www.Fordowner.com](http://www.Fordowner.com) for dealer addresses, maps, and driving instructions.  
Ford Motor Company wants you to have this service action completed on your vehicle. The vehicle owner is responsible for making arrangements to have the work completed. Ford Motor Company can deny coverage for any vehicle damage that may result from the failure to have this service action



performed on a timely basis. Therefore, please have this service action performed as soon as possible.

NOTE: You can receive information about Recalls and Customer Satisfaction Programs through our FordPass App. The app can be downloaded through the App Store or Google Play. In addition there are other features such as reserving and paying for parking in certain locations and controlling certain functions on your vehicle (lock or unlock doors, remote start) if it is equipped to allow control.

**What if you no longer own this vehicle?**

If you no longer own this vehicle, and have an address for the current owner, please forward this letter to the new owner.

You received this notice because our records, which are based primarily on state registration and title data, indicate that you are the current owner.

**Can we assist you further?**

If you have difficulties getting your vehicle repaired promptly and without charge, please contact your dealership's Service Manager for assistance.

RETAIL OWNERS: If you have questions or concerns, please contact our **Ford Customer Relationship Center at 1-866-436-7332** and one of our representatives will be happy to assist you. If you wish to contact us through the Internet, our address is: [www.Fordowner.com](http://www.Fordowner.com).

For the hearing impaired call 1-800-232-5952 (TDD). Representatives are available Monday through Friday: 8:00AM – 8:00PM (Eastern Time).

FLEET OWNERS: If you have questions or concerns, please contact our **Fleet Customer Information Center at 1-800-34-FLEET**, choose Option #3, and one of our representatives will be happy to assist you. If you wish to contact us through the Internet, our address is: [www.fleet.ford.com](http://www.fleet.ford.com).

Representatives are available Monday through Friday: 8:00AM - 8:00PM (Eastern Time).

Thank you for your attention to this important matter.

Ford Customer Service Division



THE LINCOLN MOTOR COMPANY

The Lincoln Motor Company  
P. O. Box 1904  
Dearborn, Michigan 48121

April 2019

Customer Satisfaction Program 19B05

Mr. John Sample  
123 Main Street  
Anywhere, USA 12345

Your Vehicle Identification Number (VIN): 12345678901234567

At the Lincoln Motor Company, we are committed not only to building high quality, dependable products, but also to building a community of happy, satisfied customers. To demonstrate that commitment, we are providing a no-charge Customer Satisfaction Program for your vehicle with the VIN shown above.

**Why are you receiving this notice?** On your vehicle, an intermittent failure of the output speed sensor (OSS) in the transmission may result in an unintended downshift to first gear.

**What is the effect?** Depending on the vehicle speed at the time of downshift, an abrupt wheel speed reduction may occur.

**What will Lincoln and your dealer do?** The Lincoln Motor Company has authorized your dealer to reprogram the Powertrain Control Module with software that will prevent an unintended downshift into first gear in the event of an intermittent OSS failure. This service will be performed free of charge (parts and labor).  
This Customer Satisfaction Program will be in effect until March 31, 2020 regardless of mileage. Coverage is automatically transferred to subsequent owners.

**How long will it take?** The time needed for this repair is less than one-half day. However, due to service scheduling requirements, your dealer may need your vehicle for a longer period of time.

**What should you do?** Please call your dealer without delay to schedule a service appointment for Customer Satisfaction Program 19B05. Provide the dealer with the VIN of your vehicle. The VIN is printed near your name at the beginning of this letter.  
If you do not already have a servicing dealer, you can access [www.Lincolnowner.com](http://www.Lincolnowner.com) for dealer addresses, maps, and driving instructions.  
The Lincoln Motor Company wants you to have this service action completed on your vehicle. The vehicle owner is responsible for making arrangements to have the work completed. The Lincoln Motor Company can deny coverage for any vehicle damage that may result from the failure to

have this service action performed on a timely basis. Therefore, please have this service action performed as soon as possible.

NOTE: You can receive information about Recalls and Customer Satisfaction Programs through The Lincoln Way: Lincoln Owner App. The app can be downloaded through the App Store or Google Play. In addition there are other features such as reserving and paying for parking in certain locations and controlling certain functions on your vehicle (lock or unlock doors, remote start) if it is equipped to allow control.

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Representatives are available Monday through Friday: 8:00AM - 8:00PM (Eastern Time).

Thank you for your attention to this important matter.

The Lincoln Motor Company