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November 30, 2023

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

**SUBJECT: NEW VEHICLE RECOMMENDED DELIVERY HOLD**

**Customer Satisfaction Program 23B62**

Certain 2023 Model Year F-150, Expedition, and Navigator with 3.5L Engine  
Engine Long Block Replacement

**PROGRAM TERMS**

This program will be in effect through December 9, 2024. There is no mileage limit for this program.

**AFFECTED VEHICLES**

Vehicle	Model Year	Assembly Plant	Build Dates
F-150 HEV	2023	Dearborn Truck	July 19, 2023, through August 16, 2023
F-150	2023	Kansas City	July 24, 2023, through July 27, 2023
Expedition	2023	Kentucky Truck	July 20, 2023, through August 16, 2023
Navigator	2023	Kentucky Truck	July 20, 2023, through August 9, 2023

US population of affected vehicles: 1,612. Affected vehicles are identified in OASIS and FSA VIN Lists.

**Note:** Some vehicles may be in the process of being repaired at the plant. Monitor OASIS before opening an RO and/or beginning a repair. Parts purchased for an FSA can be returned for credit if required. See the EXCESS STOCK RETURN details in Labor Allowances and Parts Ordering Information for more information.

**REASON FOR THIS PROGRAM**

In some of the affected vehicles, an error in the manufacturing process led to a misalignment in the engine block fixture that may have resulted in a crack in the engine block casting near the #1 cylinder. Customers may experience a progressive series of symptoms due to this engine block casting crack, including a coolant leak beneath the vehicle and a coolant odor, eventually leading to a malfunction indicator lamp for an engine overheat condition and an engine power derate.

**SERVICE ACTION**

Dealers are to replace the engine long block assembly. This service must be performed on all affected vehicles at no charge to the vehicle owner.

**OWNER NOTIFICATION MAILING SCHEDULE**

Owner letters are expected to be mailed the week of December 12, 2023. Dealers should repair any affected vehicles that arrive at their dealerships, whether or not the customer has received a letter.

## **ATTACHMENTS**

- Administrative Information
- Labor Allowances and Parts Ordering Information
- Technical Instructions
- Mobile Service Repair Assessment
- Mobile Repair/Vehicle Pickup and Delivery Record
- 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 System (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 black ink that reads "Stacy L. Balzer". The signature is written in a cursive style with a large, stylized 'S' and 'B'.

Stacy L. Balzer

## Customer Satisfaction Program 23B62

### **MOBILE SERVICE REPAIR ASSESSMENT LEVEL**

- All repairs in this program have the following assessment level.  
Ⓢ - Not a Mobile Service Repair

### **OASIS ACTIVATION**

OASIS will be activated on November 30, 2023.

### **FSA VIN LISTS ACTIVATION**

FSA VIN Lists will be available through <https://web.fsavinlists.dealerconnection.com> on November 30, 2023. Owner names and addresses will be available by December 14, 2023.

**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 that 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.

### **BRANDED / SALVAGED TITLE VEHICLES**

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

### **OWNER REFUNDS**

Refunds are not approved for this program.

### **RENTAL VEHICLES**

Dealers are pre-approved for up to 3 days for a comparable rental vehicle. Follow Extended Service Plan (ESP) guidelines for dollar amounts. Rentals will only be reimbursed for the day(s) the vehicle is at the dealership for part replacement. Prior approval for more than 3 rental day(s) is required from the SSSC via the SSSC Web Contact Site.

## Customer Satisfaction Program 23B62

### **PICK-UP AND DELIVERY- Participating Dealers**

Dealers participating in the Remote Experience Program:

- Refer to EFC12071, 2023 Remote Experience Program, Pickup & Delivery (PDL) Offset section for additional details.

### **PICK-UP AND DELIVERY- Non-participating Dealers**

Dealers not participating in the 2023 Remote Experience Program for Pick-up & Delivery are authorized to claim unique services for completing this program.

- Dealers are authorized to claim one-half labor hour per repair for vehicle pick-up & delivery services. Refer to Labor Allowances for details.
- Dealers must retain a Vehicle Pick-up & Delivery Record with the repair order documentation.

### **LINCOLN PICKUP AND DELIVERY**

Owners of 2017 MY and newer Lincoln vehicles have the option of requesting pickup and delivery service with a Lincoln loaner (up to 2 days), from their dealership. For details, reference EFC12060, 2023 Lincoln Pickup & Delivery Updates. Claim any additional rental days approved by the SSSC as instructed. Claim the difference between pre-approved days, or any additional rental days approved by the SSSC as instructed.

### **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 FSAs / 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 before 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:
    - Claim type 31: Field Service Action
    - Sub Code: 23B62
    - Customer Concern Code (CCC): L87
    - Condition Code (CC): 01
    - Causal Part Number: 6006, Quantity 0
  - For additional claims preparation and submission information, refer to the Recall and Customer Satisfaction Program (CSP) Repairs in the OWS User Guide.

**Customer Satisfaction Program 23B62**

- **Related Damage/Additional labor and/or parts:** Must be claimed as Related Damage on a separate repair line from the FSA with the same claim type and subcode as described in the Claim Entry above.  
**IMPORTANT:** Click the Related Damage Indicator radio button.
- **Rentals:** For rental vehicle claiming, follow Extended Service Plan (ESP) guidelines for dollar amounts. Enter the total amount of the rental expense under the Miscellaneous Expense code RENTAL.
- **Lincoln Pickup & Delivery:** Claims for Lincoln Pickup & Delivery with a Lincoln loaner (up to 2 days) should be submitted on a separate line from the FSA. Refer to EFC12060, 2023 Lincoln Pickup & Delivery Updates for details.
- **Refunds:** Submit refunds on a separate repair line.
  - Program Code: 23B62
  - 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.
- **Pickup & Delivery:**
  - Dealers participating in the Remote Experience Program –
    - Refer to EFC12071, 2023 Remote Experience Program, Pickup & Delivery (PDL) Offset section for additional details.
  - Dealers NOT participating in the Remote Experience Program –
    - Dealers are authorized to claim one-half labor hour per repair for vehicle pick-up and delivery services.
    - Dealers must retain a Vehicle Pick-up and Delivery Record with the repair order documentation.
- **Parts Handling Allowance:** A parts handling allowance is being provided, unless otherwise notified by the Company or as provided by state law, in addition to the dealer cost of the long block assembly. To claim the allowance, enter \$600 as HANDLG in the Misc. Expense area of the claim form.
- **Provision for Locally Obtained Supplies:** Includes top-off coolant and RTV sealer. Submit on the same line as the repair.
  - Program Code: 23B62
  - Misc. Expense: OTHER
  - Misc. Expense: Claim up to \$100

## Labor Allowances and Parts Ordering Information

### Customer Satisfaction Program 23B62

#### **LABOR ALLOWANCES**

<b>Description</b>	<b>Labor Operation</b>	<b>Labor Time</b>
Replace long block assembly – F-150	MT23B62B	Up to 15.7 Hours
Replace long block assembly – Expedition RWD	23B62C	17.7 hours
Replace long block assembly – Expedition AWD	23B62D	17.9 hours
Replace long block assembly – Navigator RWD	23B62E	17.1 hours
Replace long block assembly – Navigator AWD	23B62F	17.5 hours
Additional time to perform 360-degree camera (can be claimed with operations B-F)	23B62G	0.6 Hours
Vehicle Pick-up and Delivery Allowance: <b>This allowance is only for <u>non-eligible</u> 2023 Remote Experience Program Dealers.</b> <b>NOTE:</b> This allowance is for dealer-performed vehicle pick-up/delivery for dealership repairs only. Can only be claimed once, regardless of outstanding FSAs repaired.	23B62PP	0.5 Hours

#### **PARTS REQUIREMENTS / ORDERING INFORMATION**

<b>Part Number</b>	<b>Description – The Following Parts Needed for all affected vehicles</b>	<b>Order Quantity</b>	<b>Claim Quantity</b>
NL3Z-6006-A	Long block assembly	1	1
DL3Z-19B596-B	A/C compressor inlet O-ring seal and gasket	1	1
DS7Z-19B596-A	A/C compressor outlet/inlet line coupling O-ring seal and gasket	1	1
W520514-S440	Catalytic converter flange nuts	4	4
HL3Z-6N652-A	Coolant Tube Two Piece Gasket	2	2
ML3Z-9229-A	DI Injector O-ring Kit	1	6
ML3Z-8527-A	EGR outlet tube O-ring	1	1
ML3Z-9F485-A	EGR to exhaust manifold connector	1	1
W713244-S439	Engine mount bolts LH	1	3
W716530-S440	Engine mount nuts RH	1	2
W701706-S900	Exhaust manifold nuts	4	16
HL3Z-9J323-B	Fuel rail-to-fuel rail high-pressure fuel tube	1	1
HL3Z-9H486-A	intake manifold gaskets	1	6
ML3Z-9448-B	Manifold Gasket LH	1	1
ML3Z-9448-A	Manifold Gasket RH	1	1
ML3Z-6758-E	PCV tube	1	1
FOPZ-9229-A	PFI injector Seal Kit (10 per kit)	1	6
W720722-S900	TC bolts (both sides)	2	6

Labor Allowances and Parts Ordering Information

**Customer Satisfaction Program 23B62**

<b>Part Number</b>	<b>Description – The Following Parts Needed for all affected vehicles (continued)</b>	<b>Order Quantity</b>	<b>Claim Quantity</b>
FT4Z-6N652-H	TC coolant supply and return tube O-ring seal	4	4
ML3Z-6L625-A	TC fitting and oil filter assembly from the engine block RH	1	1
ML3Z-9450-A	TC gasket	2	2
ML3Z-9T515-B	TC oil return tube LH	1	1
ML3Z-9T515-A	TC oil return tube RH	1	1
ML3Z-9T516-A	TC oil supply tube LH	1	1
ML3Z-9G440-A	TC oil supply tube RH	1	1
HL3Z-8507-D	Thermostat housing Gasket	1	1
HL3Z-8527-B	Thermostat housing O-ring seal	1	1
ML3Z-8507-C	Water pump gasket	1	1
BR3Z-8527-A	Water pump O-ring seal	1	1
HL3Z-8590-A	Water pump outlet connector O-ring seal	1	1
XO-5W30-Q1SP	Engine oil	6	6

<b>Part Number</b>	<b>Description – The Additional Parts Below Needed for F-150 Only</b>	<b>Order Quantity</b>	<b>Claim Quantity</b>
W714735-S439	Engine mount bracket bolts LH and RH	3	10
W715211-S439	Engine mount through bolt LH and RH	1	2
W702600-S439	Steering column shaft bolt	1	1
W720232-S900	Body mount bolts (Super Cab/Crew only)	1	2
ML3Z-8620-C	Water pump belt (PowerBoost engine only)	1	1
ML3Z-8620-A	A/C compressor belt (EcoBoost engine only)	1	1
W715618-S437	Torque converter nuts (EcoBoost engine only)	1	1

<b>Part Number</b>	<b>Description – The Additional Parts Below Needed Expedition and Navigator Only</b>	<b>Order Quantity</b>	<b>Claim Quantity</b>
W714735-S900	Engine mount bracket bolts LH and RH	3	10
W715106-S439	Engine mount through bolt LH and RH	1	2
7L1Z-4B496-C	Front driveshaft U-joint strap and bolt kit (4WD only) <b>Note:</b> Inspect and replace if damaged.	1	2
W520113-S440	Front stabilizer bar bracket nuts	1	4
W717136-S439	Front stabilizer bar bracket retainer	1	2
ML3Z-8620-A	A/C compressor belt	1	1
W715618-S437	Torque converter nuts	1	1

**Customer Satisfaction Program 23B62**

Order your parts requirements through normal order processing channels. To guarantee the shortest delivery time, an emergency order for parts must be placed.

**ESSENTIAL SPECIAL SERVICE TOOLS**

If you do not have the special tools referenced in the workshop manual to perform the FSA repair, please contact 1-800 ROTUNDA and choose option 3 to place an order.

**DEALER PRICE**

For the latest prices, refer to DOES II.

**HANDLING ALLOWANCE**

An allowance of \$600 per repair is being provided unless otherwise notified by the Company or as provided by state law, in addition to the dealer cost of the engine long block.

**PARTS RETENTION, RETURN, & SCRAPPING**

Follow the provisions of the Warranty and Policy Manual, Section 1 - WARRANTY PARTS RETENTION AND RETURN POLICIES. If a replaced part receives a scrap disposition, the part must be scrapped by all applicable local, state, and federal environmental protection and hazardous material regulations. Federal law prohibits selling motor vehicle parts or components that are under safety, compliance, or emissions recall.

**EXCESS STOCK RETURN**

The excess stock returned for credit must have been purchased from Ford Customer Service Division by Policy Procedure Bulletin 4000.

**REPLACED FSA PARTS INSPECTION AND SIGN OFF**

Effective March 1<sup>st</sup>, 2021, all parts replaced as part of an FSA repair with a repair order open date of March 1<sup>st</sup>, 2021, or later must be inspected and signed off on the repair order by a member of your dealer's fixed operations management team or an employee the task has been delegated to. If the task is to be delegated to a non-management employee, the employee needs to be someone other than the technician who completed the repair and needs to understand the importance of completing this task consistently and accurately.

- All parts replaced as part of an FSA repair should be returned to the parts department following the Warranty Parts Retention and Return Policies.
- Inspect the replaced parts to verify the FSA repair was completed.
- If the FSA repair is found to be complete, the designated employee signs the repair order line or parts return stamp area (electronic or hand-signed) for the FSA repair indicating the parts were inspected and validated to have been replaced.
- After the parts have been inspected, they should be handled based on the guidance in the parts status report in the Online Warranty System (Hold, Return, CORE, Scrap, etc.). Please visit FMCDEALER > PARTS & SERVICE > WARRANTY ADMINISTRATION & WARRANTY PARTS RETURN for the latest [Immediate Scrap List](#) information.



**Customer Satisfaction Program 23B62**

- This process is subject to review during warranty audits for FSA repairs with a repair order open date of March 1<sup>st</sup> 2021, or later. Any eligible FSA claims requiring parts replacement found not to have been inspected and signed off during a warranty audit will be subject to chargeback and consideration for enrollment into the Dealer Incomplete Recall Repair Process.

**Note:** Other approvals (electronic or handwritten) for add-on repair lines, dealer-owned vehicle repairs, and repeat repairs do not qualify as FSA parts inspection approvals. The post-repair FSA parts inspection process (electronic or handwritten) is independent of other warranty approval requirements. The approval by the designated employee implies that the FSA parts were found to be replaced and must be able to be identified on the Repair Order. If multiple FSAs require approval on a single Repair Order, each applicable occurrence will require individual post-repair approval by the designated employee.

## CERTAIN 2023 MODEL YEAR F-150, EXPEDITION, AND NAVIGATOR VEHICLES — 3.5L GTDI ENGINE - LONG BLOCK REPLACEMENT

### SERVICE PROCEDURE

**NOTICE:** During engine repair procedures, cleanliness is extremely important. Any foreign material, including any material created while cleaning gasket surfaces, that enters the oil passages, coolant passages or the oil pan, can cause engine failure.

1. Replace the 3.5L GTDI long block engine assembly. Follow the Workshop Manual (WSM) procedures in Section 303-01.

**NOTE:** Transfer components as necessary. Refer to the WSM for the individual component procedures.

**IMPORTANT NOTE:** Federal law prohibits selling motor vehicle parts or components that are under safety, compliance, or emissions recall. Unless a part is requested to be returned to Ford, all parts replaced under this FSA must be scrapped in accordance with all applicable local, state and federal environmental protection and hazardous material regulations. Refer to the Parts Retention, Return, & Scrapping section of the FSA dealer bulletin for further information.



Program 23B62

**Mobile Repair / Vehicle Pick-Up and Delivery Record**

VIN \_\_\_\_\_ received (check one):

- Mobile Repair
- Pick-up and/or delivery service

As outlined below for the 23B62 Field Service Action program.

Mobile Repair – Date: \_\_\_\_\_

OR

Pick-up – Date: \_\_\_\_\_

Delivery – Date: \_\_\_\_\_

\_\_\_\_\_  
Repair Order #

\_\_\_\_\_  
Repair Order Date

\_\_\_\_\_  
Service Manager Signature

\_\_\_\_\_  
Date

Bulletin 23B62



Mobile Service Repair Assessment

Assessment levels have been identified to help determine the ease of performing eligible mobile service repairs for a Field Service Action (FSA) outside of the dealership service facility.

**Dealer Bulletin**

Within the Administrative Information Attachment of the dealer bulletin a mobile service repair assessment level(s) will be provided. These assessment levels have been determined using the amount of time, equipment and labor identified to perform the intended service action.

**Assessment Levels**

  - Light Mobile Service

**Description of each level that is used to determine the overall assessment.**

 – Mobile Reprogramming

- Module Programming or similar type services
- Minimum tools maybe required other than an **IDS/FDRS** setup
- FDRS programming that requires internet connection (wi-fi or mobile hotspot)
- Make sure vehicle has a charge port to ensure battery voltage is maintained during flashing of the module(s)
- Repairs not greater than 1 hour in length (including time to wait for programming)

*Note: The location will need a charging station or wall box to maintain the 12-volt battery.*

  – Light Mobile Service

- Interior repair procedures that do not require seat, dash, or headliner removal
- Under hood repairs that do not require large component removal
- Exterior repairs that do not require large component/panel removal
- Repairs may require standard hand tools (Access to a Technician starter kit or similar)

Bulletin 23B62

   – Enhanced Mobile Service

- ***A two-person process is required anytime a procedure requires work under the vehicle***
  - Brake Inspection and Brake Repair/Replacement
  - Limited Suspension Component replacement (no alignment)
  - Under Vehicle access for limited repairs (no large component removal)
  - Vehicle Check Up - VCU
  - Pre-Delivery Inspection - PDI
  - Used Car Inspection/Presale Inspection
  - May require floor jack, jack stands, and impact tools
- Note: Wheel lock may be required.*

    – Advanced Mobile Service

- Fluid Exchange/Oil Change
- Light Repairs
- Brake Hydraulic Repairs

 – Wheel and Tire Mobile Service

- Tire Removal from Wheel
- Tire Balancing
- Tire Repair

*Note: Specialized Mobile Service unit and equipment including Tire balancer and Tire Changer required.*

 – Not a Mobile Service Repair

- Large component removal
- BEV Battery Replacement
- Requires a vehicle hoist – to complete the repair (more than inspection)
- Required vehicle alignment
- Requires significant vehicle disassembly
- Repairs greater than 2-3 hours
- Any repairs that require M-Time
- Includes a service procedure where the vehicle owner may be distressed about the state of their vehicle