



Service Engineering Operations
Customer Service Division

Ford Motor Company
PO Box 1904
Dearborn, Michigan 48121

April 2, 2025

TO: All U.S. Ford and Lincoln Dealers

**SUBJECT: NEW VEHICLE DEMONSTRATION / DELIVERY HOLD -
Safety Recall 25S29**
Certain 2025 Model Year F150 Full Hybrid Electric
Vehicles (FHEV)
High Current Fuse Replacement

AFFECTED VEHICLES

Vehicle	Model Year	Assembly Plant	Build Date Range
F150	2025	Dearborn	January 30, 2025 through February 5, 2025

U.S. population of affected vehicles: 47. Affected vehicles are identified in OASIS and FSA VIN Lists.

REASON FOR THIS SAFETY RECALL

Affected vehicles have a fuse located in the High Voltage Battery Junction Box (HVBJB) with an incorrect amperage rating for the application. The fuse may blow, which can result in a sudden loss of motive power if the vehicle is operating in electric-only mode. A loss of motive power increases the risk of a crash.

SERVICE ACTION

Dealers are to replace the high current fuse, located in the High Voltage Battery Junction Box (HVBJB). This service must be performed on all affected vehicles at no charge to the vehicle owner.

To assist vehicle owners to have this repair completed, dealers should:

- Arrange to pick up the owner’s vehicle and drive it to the dealership for repairs (rentals are authorized – see Rental Vehicles)
 - Re-deliver the owner’s vehicle after repairs have been completed.
- Pick-Up & Delivery should be made available for all customers. Refer to the Rental and Claiming sections for further details.

ESSENTIAL SPECIAL SERVICE TOOLS

If you do not have the special tools needed, please contact 1-800 ROTUNDA and choose option 3 to place an order to purchase.

OWNER NOTIFICATION MAILING SCHEDULE

Owner letters are expected to be mailed the week of April 14, 2025 or sooner. 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 \$27,168 per vehicle. Correct all vehicles in your new vehicle inventory before delivery.

ATTACHMENTS

- Administrative Information
- Labor Allowances and Parts Ordering Information
- Technical Instructions
- Mobile Service Repair Assessment
- Vehicle Pick-Up & Delivery Record
- Owner Notification Letter

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.

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MOBILE SERVICE REPAIR ASSESSMENT LEVEL

 - Not a Mobile Service Repair

OASIS ACTIVATION

OASIS will be activated on April 2, 2025.

FSA VIN LISTS ACTIVATION

FSA VIN Lists will be available through <https://web.fsavinlists.dealerconnection.com> on April 2, 2025. Owner names and addresses will be available by April 28, 2025.

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 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.

SOLD VEHICLES

- Ford has not issued instructions to stop selling/delivering or driving used vehicles under this safety recall. Owners should contact their dealers for an appointment to have their vehicles remedied as soon as practicable.
- 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.

DEALER-OPERATED RENTAL VEHICLES

The Fixing America's Surface Transportation (FAST) Act law effective June 2016 prohibits a rental company from selling, renting, or leasing vehicles subject to a safety or compliance recall. Please consult your legal counsel for legal advice.

BRANDED / SALVAGED TITLE VEHICLES

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

Safety Recall 25S29**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 before 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 PO Box 6251, Dearborn, MI 48121-6251.
- Dealers are also pre-approved 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 a High Voltage Fuse Replacement.

RENTAL VEHICLES

Dealers are pre-approved for up to 2 days for a comparable rental vehicle. Follow Customer Loyalty Program (CLP) 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 2 rental days is required from the Centralized Loaner Support Team. Contact the Centralized Loaner Support Team via the CRC Dealer Portal for consideration and approval if appropriate.

FORD PICK-UP & DELIVERY

- Dealers participating in the Remote Experience Program:
 - Refer to EFC16075, Announcing the 2025 Remote Experience Program for additional details.
- Dealers NOT participating in the 2025 Remote Experience Program:
 - Dealers may claim one-half labor hour per repair for vehicle Pick-Up & Delivery services.
 - Dealers must retain a Vehicle Pick-Up & Delivery Record with the repair order documentation.
- Rideshare alternatives (Uber, Lyft, etc.)

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
- For vehicles outside new vehicle bumper-to-bumper warranty coverage, submit an Approval Request to the SSSC Web Contact Site before completing the repair.

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LABOR ALLOWANCES

Description	Labor Operation	Labor Time
Replace the high current fuse in the High Voltage Battery Junction Box	25S29B	5.4 Hours
Vehicle Pick-Up & Delivery Allowance: This allowance is only for <u>non-eligible</u> 2025 Remote Experience Program Dealers. NOTE: This allowance is for dealer-performed vehicle Pick-Up & Delivery for dealership repairs only. Can only be claimed once, regardless of outstanding FSAs repaired.	25S29PP	0.5 Hours

PARTS REQUIREMENTS / ORDERING INFORMATION

To ensure an equitable distribution of service parts, there will be a **one-time** seed stock of the fuse (SPN: L1MZ-14526-D) required to complete this repair on April 2, 2025. Each dealer will receive the fuses required to repair all of the vehicles assigned to them on their FSA VIN Lists.

Note: The one-time use parts required to complete this repair will need to be ordered.

Service Part Number	Description	Package Order Quantity	Number in Package	Claim Quantity
N800594-S100	Driveshaft to Axle & Trans. Flange Bolts Qty: 4 (4WD and 2WD) Qty: 8 (2WD w/ front and rear flange)	1 or 2	4	As Required
W715579-S439	Driveshaft Support Bearing Bolts (2WD) (Qty: 2)	1	4	As Required
W717158-S441	Driveshaft Support Bearing Nuts (2WD) (Qty: 2)	1	4	As Required
W720943-S442	High-Voltage Battery Mounting Bolts	3	4	12
W714717-S439	Muffler Inlet Pipe Flange Bolts	1	4	2
W718578-S439	Fuel Tank Strap Bolts	1	4	2
L1MZ-14526-D	High Current Fuse	Seed Stock	1	1

DEALER PRICE

For the latest prices, refer to DOES II.

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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 1st, 2021, all parts replaced as part of an FSA repair with a repair order open date of March 1st, 2021, or later must be inspected and signed off on the repair order by a member of your dealer fixed operations management team or an employee of 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.

REPLACED FSA PARTS INSPECTION AND SIGN OFF(Continued)

- 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.
- This process is subject to review during warranty audits for FSA repairs with a repair order open date of March 1st, 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 2025 MODEL YEAR F-150 FULL HYBRID ELECTRIC VEHICLES (FHEV) – HIGH CURRENT FUSE REPLACEMENT

IMPORTANT! The Service Technician Specialty Training (STST) Competency 10 certification requirement in the U.S. market only will be enforced starting with repair orders opened on or after August 31, 2024. Field Service Action (FSA) repairs will reject and the claim will not be paid if the repairing technician is not certified in STST Competency 10 FSA. See Electronic Field Communication (EFC)15936 for more details.

NOTE: If you do not have the special tools referenced in the Workshop Manual (WSM) to perform the FSA repair, please contact 1-800 ROTUNDA and choose option 3 to place an order.

SERVICE PROCEDURE

1. Replace the high voltage high current fuse. Follow the Workshop Manual (WSM) procedures in Section 414-03A High Voltage High Current Fuse - Full Hybrid Electric Vehicle (FHEV).

NOTE: Inspect the high voltage battery junction box (HVBJB) cover seal for damage. Replace only if needed.

NOTE: Slight discoloration around the fuse is normal if the fuse has blown.

2. Using FDRS, check and clear Diagnostic Trouble Codes (DTC's).

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.



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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

-  - Mobile Reprogramming (MRA1)
-   - Light Mobile Service (MRA2)
-    - Enhanced Mobile Service (MRA3)
-     - Advanced Mobile Service (MRA4)
-  - Not a Mobile Service Repair (MRA5)
-  - Wheel and Tire Mobile Service (MRA6)
-  - Advanced Driver Assistance System (ADAS) Mobile Repair (MRA7)

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

-  – Mobile Reprogramming (MRA1)
 - 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 (MRA2)
 - 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)

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   – Enhanced Mobile Service (MRA3)

- ***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 (MRA4)

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

 – Not a Mobile Service Repair (MRA5)

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

 – Wheel and Tire Mobile Service (MRA6)

- Tire Removal from Wheel
- Tire Balancing
- Tire Repair

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

 – Advanced Driver Assistance System (ADAS) Mobile Repair (MRA7)

- Requires the uses of a ADAS Mobile Service Kit.
- May require a post repair test drive.
 - Parking Lot Maneuvers to capture parking lines for camera alignment.
 - Steady speed cruising (45 MPH).
- **The vehicle service location will have to be validated before scheduling an appointment to determine if a mobile repair is appropriate.**

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Vehicle Pick-Up and Delivery Record

VIN _____ received:

As outlined below for the 25S29 Field Service Action program.

Pick-up – Date: _____

Delivery – Date: _____

Repair Order #

Repair Order Date

Service Manager Signature

Date