



U.S. Department
of Transportation

National Highway
Traffic Safety
Administration

Part 573 Safety Recall Report

25E070

Manufacturer Name: Ford Motor Company

Submission Date: Oct 24, 2025

NHTSA Recall No.: 25E070

Manufacturer Recall No.: 25SB3

Manufacturer Information

Population

Manufacturer Name: Ford Motor Company

Address: 330 Town Center Drive
Suite 500
Dearborn MI, 48126-2738

Total number of potentially involved: 34,481

Estimated percentage with defect: 1%

Equipment Information

Brand / Trade 1: Ford Customer Service Div

Model: 10R80 Reman Transmission

Part Number: ML3Z-7000-*RM

Type: Original

Function:

Size:

Production Dates: May 30, 2020 - Jun 13, 2025

Number of potentially involved: 4

Descriptive Information:

Suspect 10R80 automatic remanufactured transmissions may have been installed in certain 2017-2021 model years Ford and Lincoln vehicles lines as warranty replacements or sold to independent customers by Ford Authorized Distributors.

Brand / Trade 2: Ford Customer Service Div

Model: 10R80 Reman Transmission

Part Number: LK4Z-7000-*RM

Type: Original

Function:

Size:

Production Dates: May 30, 2020 - Jun 13, 2025

Number of potentially involved: 163

Part 573 Safety Recall Report

25E070**Descriptive Information:**

Suspect 10R80 automatic remanufactured transmissions may have been installed in certain 2017-2021 model years Ford and Lincoln vehicles lines as warranty replacements or sold to independent customers by Ford Authorized Distributors.

Brand / Trade 3: Ford Customer Service Div**Model:** 10R80 Reman Transmission**Part Number:** L1MZ-7000-*RM**Type:** Original**Function:****Size:****Production Dates:** May 30, 2020 - Jun 13, 2025**Number of potentially involved:** 52**Descriptive Information:**

Suspect 10R80 automatic remanufactured transmissions may have been installed in certain 2017-2021 model years Ford and Lincoln vehicles lines as warranty replacements or sold to independent customers by Ford Authorized Distributors.

Brand / Trade 4: Ford Customer Service Div**Model:** 10R80 Reman Transmission**Part Number:** KL3Z-7000-*RM**Type:** Original**Function:****Size:****Production Dates:** May 30, 2020 - Jun 13, 2025**Number of potentially involved:** 3,326**Descriptive Information:**

Suspect 10R80 automatic remanufactured transmissions may have been installed in certain 2017-2021 model years Ford and Lincoln vehicles lines as warranty replacements or sold to independent customers by Ford Authorized Distributors.

Brand / Trade 5: Ford Customer Service Div**Model:** 10R80 Reman Transmission**Part Number:** KB3Z-7000-*RM**Type:** Original

Part 573 Safety Recall Report

25E070**Function:****Size:****Production Dates:** May 30, 2020 - Jun 13, 2025**Number of potentially involved:** 259**Descriptive Information:**

Suspect 10R80 automatic remanufactured transmissions may have been installed in certain 2017-2021 model years Ford and Lincoln vehicles lines as warranty replacements or sold to independent customers by Ford Authorized Distributors.

Brand / Trade 6: Ford Customer Service Div**Model:** 10R80 Reman Transmission**Part Number:** JR3Z-7000-*RM**Type:** Original**Function:****Size:****Production Dates:** May 30, 2020 - Jun 13, 2025**Number of potentially involved:** 890**Descriptive Information:**

Suspect 10R80 automatic remanufactured transmissions may have been installed in certain 2017-2021 model years Ford and Lincoln vehicles lines as warranty replacements or sold to independent customers by Ford Authorized Distributors.

Brand / Trade 7: Ford Customer Service Div**Model:** 10R80 Reman Transmission**Part Number:** JL3Z-7000-*RM**Type:** Original**Function:****Size:****Production Dates:** May 30, 2020 - Jun 13, 2025**Number of potentially involved:** 21,276**Descriptive Information:**

Suspect 10R80 automatic remanufactured transmissions may have been installed in certain 2017-2021 model years Ford and Lincoln vehicles lines as warranty replacements or sold to independent customers by Ford Authorized Distributors.

Part 573 Safety Recall Report

25E070

Brand / Trade 8: Ford Customer Service Div

Model: 10R80 Reman Transmission

Part Number: JL1Z-7000-*RM

Type: Original

Function:

Size:

Production Dates: May 30, 2020 - Jun 13, 2025

Number of potentially involved: 8,511

Descriptive Information:

Suspect 10R80 automatic remanufactured transmissions may have been installed in certain 2017-2021 model years Ford and Lincoln vehicles lines as warranty replacements or sold to independent customers by Ford Authorized Distributors.

Defect / Noncompliance Description

Description of the defect or noncompliance:

Certain remanufactured 10R80 automatic transmissions that were used as service repair parts, may have a missing T10 bearing which could lead to misalignment between the park pawl and the parking gear.

FMVSS1:

FMVSS2:

Description of the safety risk, including crash, fire, death, injury:

A missing T10 bearing in the remanufactured transmission could prevent the vehicle from properly engaging in park, increasing the risk of crash or injury.

Description of the cause:

The assembly operator at the remanufacturer supplier site failed to install the T10 bearing on the output shaft during assembly operation.

Identification of any warning that can occur:

Customers may experience hard shifting, shudder or vibration, and transmission getting stuck in certain gears. A Check Engine Light (CEL) may also illuminate.

Component Manufacturer

Part 573 Safety Recall Report

25E070**Tier of Supplier:****Supplier Type:** OEM**Name:** ATC Drivetrain Inc.**Address:** 9901 W. Reno Ave
Oklahoma City OK, 73127**Country:** United States

Involved Components

Component Name 1: 10R80 Automatic Remanufactured Transmission**Component Description:** 2018-2021 Expedition & Navigator 4X2**Component Part Number:** JL1Z-7000-ARM**Component Name 2:** 10R80 Automatic Remanufactured Transmission**Component Description:** 2018-2021 Expedition Navigator 4X4**Component Part Number:** JL1Z-7000-BRM**Component Name 3:** 10R80 Automatic Remanufactured Transmission**Component Description:** 2018-2020 F-150 3.5L GTDI 4X4**Component Part Number:** JL3Z-7000-ARM**Component Name 4:** 10R80 Automatic Remanufactured Transmission**Component Description:** 2018-2020 F-150 3.5L GTDI 4X2**Component Part Number:** JL3Z-7000-BRM**Component Name 5:** 10R80 Automatic Remanufactured Transmission**Component Description:** 2018-2020 F-150 3.5L GTDI High Output 4X4**Component Part Number:** JL3Z-7000-CRM**Component Name 6:** 10R80 Automatic Remanufactured Transmission**Component Description:** 2018-2020 F-150 5.0L 4X2**Component Part Number:** JL3Z-7000-DRM

Part 573 Safety Recall Report

25E070**Component Name 7:** 10R80 Automatic Remanufactured Transmission**Component Description:** 2018-2020 F-150 5.0L 4X4**Component Part Number:** JL3Z-7000-ERM**Component Name 8:** 10R80 Automatic Remanufactured Transmission**Component Description:** 2018-2020 F-150 3.0L 4X2**Component Part Number:** JL3Z-7000-FRM**Component Name 9:** 10R80 Automatic Remanufactured Transmission**Component Description:** 2018-2020 F-150 3.0L 4X4**Component Part Number:** JL3Z-7000-GRM**Component Name 10:** 10R80 Automatic Remanufactured Transmission**Component Description:** 2018-2020 Mustang 2.3L 4X2**Component Part Number:** JR3Z-7000-ARM**Component Name 11:** 10R80 Automatic Remanufactured Transmission**Component Description:** 2018-2020 Mustang 5.0L 4X4**Component Part Number:** JR3Z-7000-BRM**Component Name 12:** 10R80 Automatic Remanufactured Transmission**Component Description:** 2019-2021 Ranger 2.3L 4X2**Component Part Number:** KB3Z-7000-ARM**Component Name 13:** 10R80 Automatic Remanufactured Transmission**Component Description:** 2019-2021 Ranger 2.3L 4X4**Component Part Number:** KB3Z-7000-BRM**Component Name 14:** 10R80 Automatic Remanufactured Transmission**Component Description:** 2017 F-150 3.5L 4X2**Component Part Number:** KL3Z-7000-CRM

Part 573 Safety Recall Report

25E070**Component Name 15:** 10R80 Automatic Remanufactured Transmission**Component Description:** 2017 F-150 3.5L 4X4**Component Part Number:** KL3Z-7000-DRM**Component Name 16:** 10R80 Automatic Remanufactured Transmission**Component Description:** 2020-2021 Explorer 3.3L 4X4**Component Part Number:** L1MZ-7000-ARM**Component Name 17:** 10R80 Automatic Remanufactured Transmission**Component Description:** 2020-2021 Explorer 3.0L 4X4**Component Part Number:** L1MZ-7000-BRM**Component Name 18:** 10R80 Automatic Remanufactured Transmission**Component Description:** 2020-2021 Transit 3.5L TIVCT 4X4**Component Part Number:** LK4Z-7000-ARM**Component Name 19:** 10R80 Automatic Remanufactured Transmission**Component Description:** 2020-2021 Transit 3.5L GTDI 4X4**Component Part Number:** LK4Z-7000-BRM**Component Name 20:** 10R80 Automatic Remanufactured Transmission**Component Description:** 2020-2021 Transit 3.5L TIVCT 4X2**Component Part Number:** LK4Z-7000-CRM**Component Name 21:** 10R80 Automatic Remanufactured Transmission**Component Description:** 2020-2021 Transit 3.5L GTDI 4X2**Component Part Number:** LK4Z-7000-DRM**Component Name 22:** 10R80 Automatic Remanufactured Transmission**Component Description:** 2021 F-150 3.3L DURATEC 4X2**Component Part Number:** ML3Z-7000-DRM

Part 573 Safety Recall Report

25E070

Component Name 23: 10R80 Automatic Remanufactured Transmission

Component Description: 2021 F-150 3.5L GTDI 4X4

Component Part Number: ML3Z-7000-FRM

Component Name 24: 10R80 Automatic Remanufactured Transmission

Component Description: 2021 F-150 3.5L GTDI 4X2

Component Part Number: ML3Z-7000-NRM

Component Name 25: 10R80 Automatic Remanufactured Transmission

Component Description: 2021 F-150 3.5L GTDI 4X4

Component Part Number: ML3Z-7000-PRM

Purchaser Information

The following manufacturers purchased this defective/noncompliant equipment for possible use or installation in new motor vehicles or new items of motor vehicle equipment:

Name:

Address:

Country:

Chronology

On July 31, 2025, an issue pertaining to missing T10 bearings in remanufactured 10R80 automatic transmissions was brought to Ford's Critical Concern Review Group (CCRG) for review. A warranty report was received on May 21, 2025, for a 2019 model year Mustang vehicle, and Ford's remanufactured transmission supplier received the warranty return unit on June 13, 2025. The customer complained that the transmission would not hold in park. A teardown analysis by the supplier identified that the T10 bearing was missing. The supplier subsequently received a second warranty unit on June 30, 2025, which also had a missing T10 bearing. This issue is specific to vehicles equipped with 10R80 automatic remanufactured transmissions that may have been installed as service replacements or sold to independent customers.

In August and September 2025, the supplier engineering team conducted vehicle evaluations on six vehicles using remanufactured transmissions. The purpose of this evaluation was to determine the effect on the customer and vehicle if assembled without the T10 bearing. The evaluations confirmed that operators could experience concerns with the transmission holding park and that these failures could occur at relatively low mileage (less than 3,000 miles). During this time, Ford reviewed supplier inspection records and build dates of reported failures to identify the potential suspect build date range. While Ford has VIN traceability for some vehicles, Ford cannot trace all suspect remanufactured transmissions to all vehicles.

Part 573 Safety Recall Report

25E070

In September 2025, Ford also conducted two independent statistical analyses, concluding that potential issues would manifest within 8,000 miles, if the T10 bearing is missing. The CCRG investigation concluded that vehicles with remanufactured transmissions that have accumulated more than 8,000 miles would not require transmission inspection or replacement. The CCRG reviewed Federal Motor Vehicle Safety Standard (FMVSS) No. 102 (Transmission Shift Lever, Sequence, Interlock and Braking Effect) and FMVSS 114 (Theft Protection and Rollaway Prevention), determining that this issue is exclusive to the remanufactured transmissions, and the vehicles, as originally produced, comply with these regulations.

As of October 10, 2025, Ford is aware of eight warranty claims that may be related to this issue, received from December 16, 2024, through June 4, 2025.

On October 17, 2025, Ford's Field Review Committee reviewed the concern and approved a field action.

Ford is not aware of any reports of accident or injury related to this condition.

Related NHTSA Recall Number:

Description of Remedy

Remedy Type: Inspect, Replace

Consumer Advisories: ☐ Do Not Drive ☐ Park Outside

Description of remedy program:

Letters will be sent to the dealer principals of dealerships that ordered the 10R80 automatic remanufactured transmissions where VIN traceability is not possible. Dealerships will be required to check their sales and service records to contact customers who either purchased a 10R80 automatic remanufactured transmission or had one installed at a dealership. Additionally, owners of vehicles identified with VIN traceability will be notified by mail.

For vehicles with less than 8,000 miles since the transmission installation, dealers will inspect the transmission for the presence of the T10 bearing, per technical instructions. Vehicles found with a missing T10 bearing will require a transmission replacement. There will be no charge for this service.

How remedy component differs from recalled component:

The 10R80 automatic remanufactured transmission will be replaced with a new 10R80 automatic remanufactured transmission with the T10 bearing properly installed.

Identify how/when recall condition was corrected in production:

Reimbursement Plan

Manufacturer used general reimbursement plan on file.

Part 573 Safety Recall Report**25E070****Recall Schedule****Description of recall schedule:**

Notification to dealers is expected to occur on October 28, 2025. Mailing of interim owner notification letters to customers with VIN traceability is expected to begin December 1, 2025, and is expected to be completed by December 5, 2025. The date VINs are planned to be searchable is October 28, 2025.

Planned Dealer Notification Date: Oct 28, 2025 - Oct 28, 2025

☐ No Dealers

Planned Interim Owner Notification Date: Dec 01, 2025 - Dec 05, 2025

☐ No Owners

Planned Remedy Owner Notification Date:

☐ Phased Recall