

Part 573 Safety Recall Report

24V-467

Manufacturer Name : Isuzu Motors Limited

Submission Date : JUL 18, 2024

NHTSA Recall No. : 24V-467

Manufacturer Recall No. : V2402



Manufacturer Information :

Manufacturer Name : Isuzu Motors Limited

Address : 46401 Commerce Center Drive
Plymouth MI 48170-2473

Company phone : 6344648

Population :

Number of potentially involved : 38

Estimated percentage with defect : 12 %

Vehicle Information :

Vehicle 1 : 2025-2025 ISUZU FTR

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : This recall applies to specific MY 2025 Isuzu FTR trucks produced from 4/19/2024 to 5/13/2024. Vehicles assembled within this timeframe were built with front axle center link tie rods that may contain ball studs with improper heat treatment. Affected vehicles with suspect tie rods were identified by the Isuzu F-Series factory in Charlotte, MI (the "Charlotte Plant"), which used its records to match suspect axle serial numbers (provided by the axle/tie rod supplier) with the VINs of the FTR trucks produced in the specified date range. Among the vehicles equipped with front axles (i) with the suspect axle serial numbers and (ii) no longer in Isuzu's control (the "Number Potentially Involved"), only those with one of three specific Julian date codes (provided by the axle/tie rod supplier) stamped on their steering tie rod center tube have the defect in question and require a remedy (replacement parts).

Production Dates : APR 19, 2024 - MAY 13, 2024

VIN Range 1 : Begin : 54DK6S1F1SSA00780 **End :** 54DK6S1F2SSA01274 ☒ Not sequential

Description of Defect :

Description of the Defect : In the affected vehicle population, some of the vehicles were built with tie rod ball studs that were subjected to an improper heat treatment; this results in tie rods that do not meet material design strength requirements and are vulnerable to ball stud fracturing.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If one or more of the ball studs within the tie rod fractures, the center link can detach from the steering knuckle, resulting in a sudden loss of steering

Description of the Cause : control and increasing the risk of a crash.
According to Isuzu's supplier, Dana Inc., the ball stud supplier to Dana (USK International) mixed improperly hardened ball studs with properly hardened ball studs and shipped them to Dana for use in assembling the tie rods. Dana informed Isuzu that the affected ball studs were improperly hardened as a result of an experimental heat treatment process.

Identification of Any Warning that can Occur : Because fracture of the ball stud would be sudden, there would likely be no warning to the driver.

Involved Components :

Component Name 1 : Tie Rod ASM

Component Description : Tie Rod & Center Link ASM

Component Part Number : 8983956610

Supplier Identification :

Component Manufacturer

Name : Dana Incorporated

Address : 6515 Maumee Western Rd
Maumee Ohio 43537

Country : United States

Chronology :

Chronology uploaded separately.

Description of Remedy :

Description of Remedy Program : Dealers will be required to inspect the Julian date code stamped on the front axle center link of the tie rod. If the date code is one of the three suspect date codes provided by Dana, the dealer will replace the entire Tie Rod & Center Link assembly with ones that have ball studs that have been properly heat-treated. Otherwise, no repair is required.
None of the affected vehicles have been retailed to customers, so no reimbursement is required.

How Remedy Component Differs from Recalled Component :	The replacement tie rods that will be installed as the remedy contain ball studs that were properly heat-treated.
Identify How/When Recall Condition was Corrected in Production :	A Stop Ship was placed on all affected Isuzu F-Series vehicles with suspect tie rods on 6/7/2024. The Julian date codes on completed vehicles and uninstalled axle assemblies still at the production plant were physically verified. Any vehicle or axle assembly within Isuzu’s control that was found with any of the suspect date codes had or will have the front axle center link assembly replaced prior to being shipped.

Recall Schedule :

Description of Recall Schedule :	On June 7 and 12, 2024, Isuzu notified the specific dealers that had been shipped affected trucks with suspect tie rods. In total, there were 22 such dealers and 38 affected vehicles. The dealers were informed that an inspection of the tie rods was required prior to vehicle retail and were also provided with an Inspection Procedure. Dealers also were told by Isuzu personnel that trucks with defective tie rods were not to be driven on public roads. Remedy parts are not yet available to repair vehicles that are found to have a tie rod with suspect Julian date codes. Since no vehicles have been retailed no owner letter is required.
Planned Dealer Notification Date :	NR - NR
Planned Owner Notification Date :	NR - NR

* NR - Not Reported