

Part 573 Safety Recall Report

24E-063

Manufacturer Name : Mevotech US Inc.

Submission Date : JAN 22, 2025

NHTSA Recall No. : 24E-063

Manufacturer Recall No. : NR



Manufacturer Information :

Manufacturer Name : Mevotech US Inc.

Address : 1745 Shea Center Drive, Suite 400
Highlands Ranch CO 80129

Company phone : 883-7075

Population :

Number of potentially involved : 6,705

Estimated percentage with defect : 39 %

Equipment Information :

Brand / Trade 1 : Subaru

Model : 5CB801134, 5CB801135

Part No. : 5CB801134, 5CB801135

Size : NR

Function : Control arm

Descriptive Information : The recall population includes front left and right lower control arms sold in the aftermarket with a specific design and that are compatible with a particular range of Subaru vehicle models. The recall population is based on a review of production records and is based on the ship dates to Mevotech's retail partner (O'Reilly Auto Parts)

Production Dates : MAY 30, 2023 - JUL 12, 2024

Description of Defect :

Description of the Defect : The affected control arms used a design that consists of a steel insert pressed into aluminium arm with a single locking mechanism. The steel insert may separate from the control arm during driving, and without warning and could allow one of the front wheels to disconnect from the suspension system.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the control arm separates unexpected while driving, the driver may experience degraded steering, including a loss of steering control, increasing the risk of a crash.

Description of the Cause : NR

Identification of Any Warning that can Occur : None

Involved Components :

Component Name : Ball Joint Nut

Component Description : Nut - Replacement

Component Part Number : NUT-FK121910-1.25

Component Name : Ball Joint Nut

Component Description : Nut - Original design

Component Part Number : NUT-121711-1.25

Component Name : Retention Washer

Component Description : Washer

Component Part Number : DP-P312135

Supplier Identification :

Component Manufacturer

Name : Yuhuan Jinli Auto Parts Co,

Address : No. 9 Jinhui Road, Phase 3
Yuhuan City Foreign States

Country : China

Chronology :

A complaint was received from Mevotech's retail customer in January 2 2024, where a vehicle owner reported ball joint popped out of arm. Mevotech reviewed the returned parts and found one of the ball joints that is press fit into the control arm had become extracted from the control arm body. At the time, the issue was considered a one-off event and was believed to have been related to use of the vehicle in an off-road setting. To address the concern, in January 2024, in-house inventory at the retailer was updated and reworked to include a secondary washer as an additional containment mechanism for the ball joint and the control arm design was updated in production to include the secondary washer going forward.

On June 26, 2024 Mevotech was notified of a 2nd failure. Subsequently Mevotech was notified of two additional reports received from field which similarly described issues with vehicle steering. For the 4 reported instances there was no report of injury or death resulting from the separation. Mevotech received the parts returned from the field July 16-18 2024 and found that all of the returned parts were from the original

(unreworked) version of the control arm. This finding indicated that the parts containment activities from January 2024 had not been fully effective. On July 29, 2024, Mevotech decided to conduct a safety recall to address this issue.

Description of Remedy :

Description of Remedy Program :	For the affected vehicle owners, Mevotech will provide a replacement rework kit free of charge and cover the cost of the installation. Existing inventory at Mevotech's retail partner has been contained through a part number change and inventory at Mevotech's warehouse facility has been reworked or in the process of rework to add secondary locking feature in the form of a flanged fastener and washer between ball joint fastener and control arm body. Both new components have sufficient diameter to prevent being pulled through control arm body. Any customers that completed the remedy before the recall will be reimbursed
How Remedy Component Differs from Recalled Component :	Secondary locking feature included; addition of washer between ball joint fastener and control arm body sufficiently increases push-out load.
Identify How/When Recall Condition was Corrected in Production :	Addition of washer is visual differentiator; remedy component uses new part number both internally and externally.

Recall Schedule :

Description of Recall Schedule :	Registered letter to O'Reilly Auto Parts to be sent on August 5th, 2024. Mevotech to work with O'Reilly to generate list of vehicle owners and service centers (end customers) affected by this recall. End customers will be notified by first-class mail. Mevotech may also provide material detailing issue which can be posted in O'Reilly stores. Mevotech does not sell through dealers.
Planned Dealer Notification Date :	AUG 05, 2024 - SEP 16, 2024
Planned Owner Notification Date :	AUG 05, 2024 - SEP 28, 2024

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 : NR

Address : NR

NR

Country : NR

Company Phone : NR

* NR - Not Reported