

Part 573 Safety Recall Report

24E-040

Manufacturer Name : American Furukawa Inc.

Submission Date : MAY 29, 2024

NHTSA Recall No. : 24E-040

Manufacturer Recall No. : NR



Manufacturer Information :

Manufacturer Name : American Furukawa Inc.

Address : 47677 Galleon Drive

Plymouth MI 48170

Company phone : 7344462200

Population :

Number of potentially involved : 85,515

Estimated percentage with defect : NR

Equipment Information :

Brand / Trade 1 : American Furukawa, Inc.

Model : Clockspring/Spiral Cable

Part No. : N/A

Size : NR

Function : Clockspring

Descriptive Information : The production date range represents the period during which certain clockspring/spiral cable components supplied to certain Tier 1 and OEM customers for installation as original equipment may have been washed in contaminated alcohol. This contamination may have affected components to varying degrees, with some parts being affected more than others depending upon design, process, and/or material differences.

AFI has not made a safety defect or FMVSS noncompliance determination and is not conducting a safety recall of the subject parts. Rather, this supplier report is being submitted based upon recalls initiated by Toyota Motor Engineering & Manufacturing (Recall #23V480) and FCA (Recall #24V-199/24E-025), related to a determination by the respective manufacturers of an FMVSS 208 noncompliance in their vehicles, and by Ford Motor Company (Recall #23V847), related to Ford's determination of a safety-related defect in its vehicles. Please refer to these reports for the part numbers and number of parts that are potentially affected. The "Number potentially involved" listed below represents the quantity of potentially affected parts shipped to AFI's customers for installation in these vehicles.

AFI notes that these components are incorporated into steering column assemblies that vary by vehicle model application, and the vehicle model application may have an influence on the field performance of the component.

Production Dates : FEB 22, 2023 - MAR 02, 2023

Description of Defect :

Description of the Defect : A component in the clockspring/spiral cable assemblies shipped to certain customers may have been washed in contaminated alcohol.

American Furukawa has not made a safety-defect determination with respect to the subject parts, but it is providing this report based upon recalls initiated by Toyota Motor Engineering & Manufacturing (NHTSA Recall No. 23V480), FCA (NHTSA Recall No. 24V-199/24E-025), and Ford Motor Company (NHTSA Recall No. 23V847). Please refer to these recalls for a description of the vehicle noncompliances (in the case of Toyota and FCA) and safety-related defect (in the case of Ford) determined by these manufacturers to exist in vehicles that were equipped with the subject components.

FMVSS 1 : 208 - Occupant crash protection

FMVSS 2 : NR

Description of the Safety Risk : Each vehicle manufacturer determines whether and, if so, to what extent this condition may be present in their respective vehicles and evaluates the potential safety risk and/or FMVSS compliance. Please refer to Recall No. 23V480 (Toyota), Recall No. 24V-199/24E-025 (FCA), and Recall No. 23V847 (Ford) for each vehicle manufacturer's assessment of the potential safety risk in their respective vehicle populations.

Description of the Cause : Alcohol wash solution may have been contaminated.

Identification of Any Warning that can Occur : Please refer to Recall No. 23V480 (Toyota), Recall No. 24V-199/24E-025 (FCA), and Recall No. 23V847 (Ford) for a description of any warnings. In this regard, Ford state that "[t]he customer may notice loss of illumination and function of switches on the steering wheel (e.g., radio controls), inoperative horn and an airbag warning lamp"; FCA noted that "an airbag warning light will illuminate in the instrument panel cluster"; and Toyota noted that "[i]f connectivity is lost, the SRS warning light will illuminate."

Involved Components :

Component Name : Clockspring/Spiral Cable

Component Description : Various (information provided to RMD)

Component Part Number : NR

Supplier Identification :

Component Manufacturer

Name : Furukawa Mexico S.A. de C.V.
Address : 2690 Parque Industrial Mexicali, IV
Mexicali Foreign States 21210
Country : Mexico

Chronology :

AFI has not determined that a safety-related defect exists in the subject components and, because no FMVSS applies to these components, no FMVSS noncompliance has been determined to exist in the components themselves. This information report is filed based upon vehicle DIRs submitted by three OEMs. AFI is not conducting a safety recall of the subject parts.

7/12/23: Toyota Motor Engineering & Manufacturing filed a DIR identifying an FMVSS 208 noncompliance in certain vehicles equipped with the spiral cable assembly that includes a Flexible Flat Cable (FFC) that “may not have been welded sufficiently due to a specific production issue.” Recall #23V480.

10/5 - 12/2/23: AFI receive a supplier inquiry from NHTSA’s Recall Management Division requesting a list of other purchasers of the same or similar components identified in the Toyota recall. AFI responded to NHTSA’s inquiry and provided purchaser information.

12/15/23: Ford Motor Company filed a DIR identifying a safety-related defect in certain vehicles equipped with Steering Column Control Modules (SCCMs) supplied by BCS Automotive Interface Solutions and which were equipped with AFI clocksprings/spiral cables that may have been affected by the contamination issue. Recall #23V847.

3/14/24: FCA/Stellantis filed a DIR identifying an FMVSS 208 noncompliance in certain vehicles equipped with SCCMs in which the weld between the internal FFC and bus bar may have been insufficient. Recall #24V199.

Because no safety defect has been determined to exist in the AFI part by more than one manufacturer, and no manufacturer has decided that a noncompliance exists in the original equipment part (because no FMVSS applies to the part itself), the requirements of 49 CFR 573.3(f) do not strictly apply. However, following discussions with NHTSA staff, AFI has agreed to submit this information report. (Purchaser information was previously provided to NHTSA.)

Description of Remedy :

Description of Remedy Program : All recall remedies are being handled by the respective vehicle manufacturers. Please refer to Recall No. 23V480 (Toyota), Recall No. 24V-199/24E-025 (FCA), and Recall No. 23V847 (Ford) for their respective remedy programs. Dealer and owner notification and quarterly recall completion reporting are being handled by the respective vehicle manufacturers.

How Remedy Component Differs from Recalled Component : Please refer to Recall No. 23V480 (Toyota), Recall No. 24V-199/24E-025 (FCA), and Recall No. 23V847 (Ford).

Identify How/When Recall Condition was Corrected in Production : This issue was addressed in AFI's production process on March 3, 2023. Products manufactured after that date are not affected.

Recall Schedule :

Description of Recall Schedule : Please refer to Recall No. 23V480 (Toyota), Recall No. 24V-199/24E-025 (FCA), and Recall No. 23V847 (Ford) for the applicable notification schedules.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

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 : BCS Automotive Interface Solutions

Address : 619A Mike Allen 1390

Reynosa 00 88780

Country : MX

Company Phone : 8995273399

Name : KOSTAL Mexicana S.A. de C.V.

Address : AccesoII No. 36 Fracc. Ind.

Benito Juarez Queretaro 00 76120

Country : MX

Company Phone : 4421817605

Name : MERIT Mexico S de RL de CV

Address : Privada Palma Mayor No 233

Parque Industrial Los Palmares Tamaulipas 00 87313

Country : MX

Company Phone : 507334824

Name : TRMI Inc.

Address : 100 Hill Brady Road

Battle Creek MI 49037

Country : US

Company Phone : 2699660800

Name : Panasonic

Address : 10700 Matador Drive
Pharr TX 78577

Country : US

Company Phone : 8999098450

* NR - Not Reported