

Part 573 Safety Recall Report

23E-088

Manufacturer Name : BCS Automotive Interface Solutions US, L

Submission Date : FEB 06, 2024

NHTSA Recall No. : 23E-088

Manufacturer Recall No. : NR



Manufacturer Information :

Population :

Manufacturer Name : BCS Automotive Interface Solutions
US, L

Address : 33737 W. 12 Mile Road
Farmington Hills MI 48331

Company phone : 248-699-2900

Number of potentially involved : 80,206

Estimated percentage with defect : 11 %

Equipment Information :

Brand / Trade 1 : Steering Column Control

Model : various

Part No. : various

Size : NR

Function : NR

Descriptive Information : The defected Steering Column Control Modules (SCCM) might have improper electrical function due to poor welding of flat flexible cabels. The population was determinated based on the information from BCS' supplier Furukawa on its components that were indicated as defected.

Production Dates : MAR 01, 2023 - AUG 11, 2023

Description of Noncompliance :

Description of the Noncompliance : The electrical function of SCCM might fail resulting in deactivating driver's airbag. This is due to poor welding of conductive parts of component (Clockspring) delivered to BCS Automotive Interface Solutions by supplier American Furukawa Inc. The source of insufficient adhesion of welding is the use of contaminated alcohol in washing operation before welding. Alcohol was contaminated by glycerine.

FMVSS 1 : 208 - Occupant crash protection

FMVSS 2 : NR

Description of the Safety Risk : The driver's airbag might be deactivated due to potential fail of electrical function of SCCM. This could result in increased risk of injury in case of crash. Detailed safety risk assessment can be provided directly by OEMs depending on specific vehicles systems (Ford, GM, Stellantis)

Description of the Cause : The root-cause of the problem is the use of contaminated alcohol to wash before welding.

Identification of Any Warning that can Occur : The driver is alerted by "Airbag" warning lamp in the dashboard.

Involved Components :

Component Name : Steering Column Control Module

Component Description : Steering Column Control Module - Clockspring

Component Part Number : ML3T-14B522-ENW

Component Name : Steering Column Control Module

Component Description : Steering Column Control Module - Clockspring

Component Part Number : ML3T-14B522-GGW

Component Name : Steering Column Control Module

Component Description : Steering Column Control Module - Clockspring

Component Part Number : ML3T-14B522-HGW

Component Name : Steering Column Control Module

Component Description : Steering Column Control Module - Clockspring

Component Part Number : PC3T-14B522-AGW

Component Name : Steering Column Control Module

Component Description : Steering Column Control Module - Clockspring

Component Part Number : PC3T-14B522-CGW

Component Name : Steering Column Control Module

Component Description : Steering Column Control Module - Clockspring

Component Part Number : PC3T-14B522-DGW

Component Name : Steering Column Control Module

Component Description : Steering Column Control Module - Clockspring

Component Part Number : PC3T-14B522-EGW

Component Name : Steering Column Control Module

Component Description : Steering Column Control Module - Clockspring

Component Part Number : PC3T-14B522-FGW

Component Name : Steering Column Control Module

Component Description : Steering Column Control Module - Clockspring

Component Part Number : PC3T-14B522-FHW

Component Name : Steering Column Control Module

Component Description : Steering Column Control Module - Clockspring

Component Part Number : PL3T-14B522-JAW

Component Name : Steering Column Control Module

Component Description : Steering Column Control Module - Clockspring

Component Part Number : RL3T-14B522-AAW

Component Name : Steering Column Control Module

Component Description : Steering Column Control Module - Clockspring

Component Part Number : 42789509

Component Name : Steering Column Control Module

Component Description : Steering Column Control Module - Clockspring

Component Part Number : 42856175

Component Name : Steering Column Control Module

Component Description : Steering Column Control Module - Clockspring

Component Part Number : 85119280

Component Name : Steering Column Control Module

Component Description : Steering Column Control Module - Clockspring

Component Part Number : 85528020

Component Name : Steering Column Control Module

Component Description : Steering Column Control Module - Clockspring

Component Part Number : 85598329

Component Name : Steering Column Control Module

Component Description : Steering Column Control Module - Clockspring

Component Part Number : 86507603

Component Name : Steering Column Control Module

Component Description : Steering Column Control Module - Clockspring

Component Part Number : 13549384

Component Name : Steering Column Control Module

Component Description : Steering Column Control Module - Clockspring

Component Part Number : 13549385

Component Name : Steering Column Control Module

Component Description : Steering Column Control Module - Clockspring

Component Part Number : 13551247

Component Name : Steering Column Control Module

Component Description : Steering Column Control Module - Clockspring

Component Part Number : 13551248

Component Name : Steering Column Control Module

Component Description : Steering Column Control Module - Clockspring

Component Part Number : 13555888

Component Name : Steering Column Control Module

Component Description : Steering Column Control Module - Clockspring

Component Part Number : 85125595

Component Name : Steering Column Control Module

Component Description : Steering Column Control Module - Clockspring

Component Part Number : 85125596

Component Name : Steering Column Control Module

Component Description : Steering Column Control Module - Clockspring

Component Part Number : 86507599

Component Name : Steering Column Control Module

Component Description : Steering Column Control Module - Clockspring

Component Part Number : 86544281

Component Name : Steering Column Control Module

Component Description : Steering Column Control Module - Clockspring

Component Part Number : 86773954

Component Name : Steering Column Control Module

Component Description : Steering Column Control Module - Clockspring

Component Part Number : 86773958

Component Name : Steering Column Control Module

Component Description : Steering Column Control Module - Clockspring

Component Part Number : 86773959

Component Name : Steering Column Control Module

Component Description : Steering Column Control Module - Clockspring

Component Part Number : 86773963

Component Name : Steering Column Control Module

Component Description : Steering Column Control Module - Clockspring

Component Part Number : 86798901

Component Name : Steering Column Control Module

Component Description : Steering Column Control Module - Clockspring

Component Part Number : 86798902

Component Name : Steering Column Control Module

Component Description : Steering Column Control Module - Clockspring

Component Part Number : 68545657AA

Component Name : Steering Column Control Module

Component Description : Steering Column Control Module - Clockspring

Component Part Number : 68545658AA

Supplier Identification :**Component Manufacturer**

Name : American Furukwa Inc.
Address : 47677 Galleon Drive
Plymouth Michigan 48170
Country : United States

Chronology :

On October 12,2023 the supplier American Furukawa Inc. notified BCS Automotive Interface Solutions on supplying Clocksprings with busbars that were potentially non-compliant and determining that the case warranted reporting to NHTSA. On November 8, 2023 BCS Automotive Interface Solutions notified its customers on shipping potentially non-compliant products.

Description of Remedy :

Description of Remedy Program :	BCS Automotive Interface Solutions is Tier 1., final decisions come form vehicle OEMs. The vehicle OEMs are required to submit their own completion reports.
How Remedy Component Differs from Recalled Component :	BCS Automotive Interface Solutions is Tier 1., final decisions come form vehicle OEMs. The vehicle OEMs are required to submit their own completion reports.
Identify How/When Recall Condition was Corrected in Production :	BCS Automotive Interface Solutions is Tier 1., final decisions come form vehicle OEMs. The vehicle OEMs are required to submit their own completion reports.

Recall Schedule :

Description of Recall Schedule :	BCS Automotive Interface Solutions notified customers (vehicle OEMs) on November 8, 2023 on shipping potentially non-compliant products. BCS Automotive Interface Solutions is Tier 1. All notifications to Dealers and Owners can be handled by vehicle OEMs only as BCS Automotive Interface Solutions has no information on sold vehicles and owners.
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 : GM Lansing Delta
Address : 175 Millett Highway
Lansing MI 48921

Country : US
Company Phone : 5864418004

Name : Stellantis Sterling Heights
Address : 42555 Merril Rd
Sterling Heights MI 48314

Country : US
Company Phone : 2484942681

Name : Stellantis Mopar
Address : 25999 Lawrence Avenue
Center Line MI 48015

Country : US
Company Phone : 2489492681

Name : Ford Kentucky
Address : 3001 Chamberlain Lane
Louisville KY 40241

Country : US
Company Phone : 3133167026

Name : Detroit Manufacturing Systems
Address : 12701 Southfield Road
Detroit MI 48223

Country : US
Company Phone : 3133167026

Name : Ford Kansas
Address : 8121 NE Highway 69
Claycomo MO 64119

Country : US
Company Phone : 3133167026

Name : Ford Ohio
Address : 650 Miller Road
Avon Lake OH 44012

Country : US
Company Phone : 3133167026

Name : Ford Services
Address : 5111 Auto Club Drive
Dearborn MI 48126
Country : US
Company Phone : 3133167026

Name : GM Arlington
Address : 3800 East Ave. E
Arlington TX 76011
Country : US
Company Phone : 5864418004

Name : GM Forth Wayne
Address : 12602 Global Drive
Yoder IN 46798
Country : US
Company Phone : 5864418004

Name : GM Flint
Address : Van Slyke at Atherton Road
Flint MI 48551
Country : US
Company Phone : 5864418004

Name : GM Oshawa
Address : Park Road South
Oshawa 00 L1G 1K7
Country : CA
Company Phone : 5864418004

Name : GM Silao
Address : Silao-Guanajuato KM 3.8
Silao 00 36100
Country : MX
Company Phone : 5864418004

Name : GM Lansing
Address : 16130 Grove Rd
Lansing MI 48906
Country : US
Company Phone : 5864418004

Name : GM Bowling Green
Address : 600 Corvette Drive
Bowling Green KY 42101
Country : US
Company Phone : 5864418004

Name : GM Wentzville
Address : 1500 East Route A
Wentzville MO 63385
Country : US
Company Phone : 5864418004

Name : GM Spring Hill
Address : 100 Saturn Parkway
Spring Hill TN 37174
Country : US
Company Phone : 5864418004

Name : GM Weld Tool Center
Address : 10800 S Saginaw St
Grand Blanc MI 48439
Country : US
Company Phone : 5864418004

Name : Vec South
Address : 6600 East 12 Mile Rd
Warren MI 48092
Country : US
Company Phone : 5864418004

Name : GM Orion
Address : 4555 Giddings Road
Orion Township MI 48359
Country : US
Company Phone : 5864418004

Name : GM Cammy
Address : 390 Thomas Street Unit 1
Ingersoll 00 N5C 3J7
Country : CA
Company Phone : 5864418004

Name : GM Factory Zero

Address : 2500 E Grand Boulevard
Detroit MI 48211

Country : US

Company Phone : 5864418004

Name : GM Ramos Arizpe

Address : Carr. Saltillo-Monterrey KM 7.5
Ramos Arizpe 00 25900

Country : MX

Company Phone : 5864418004

* NR - Not Reported