Part 573 Safety Recall Report 23V-847

Manufacturer Name : Ford Motor Company
Submission Date : DEC 15, 2023
NHTSA Recall No. : 23V-847
Manufacturer Recall No. : 23S63

Manufacturer Information :

Manufacturer Name : Ford Motor Company
Address : 330 Town Center Drive
Suite 500 Dearborn MI 48126-2738
Company phone : 1-866-436-7332

Population :

Number of potentially involved : 17,970
Estimated percentage with defect : 11 %

Vehicle Information :

Vehicle 1 : 2023-2023 Ford F-150
Vehicle Type : LIGHT VEHICLES
Body Style : ALL
Power Train : NR
Descriptive Information : Ford's team reviewed supplier process records to determine the population of affected parts. The Ford process is capable of tracing Steering Column Control Modules with potentially affected clock spring assemblies to the vehicles in which the Steering Column Control Modules are installed.

These vehicles are not produced in VIN order. Information as to the applicability of this action to specific vehicles can best be obtained by either calling Ford's toll-free line (1-866-436-7332) or by contacting a local Ford or Lincoln dealer who can obtain specific information regarding the vehicles from the Ford On-line Automotive Service Information System (OASIS) database.

9,281 Ford F-150 vehicles are affected.

Production Dates : JAN 03, 2023 - JUN 15, 2023
VIN Range 1 : Begin : NR End : NR ☐ Not sequential

Vehicle 2 :	2023-2023 Ford Super Duty: F250, F350, F450, F550, F600
Vehicle Type :	LIGHT VEHICLES
Body Style :	ALL
Power Train :	NR
Descriptive Information :	Ford's team reviewed supplier process records to determine the population of affected parts. The Ford process is capable of tracing Steering Column Control Modules with potentially affected clock spring assemblies to the vehicles in which the Steering Column Control Modules are installed. These vehicles are not produced in VIN order. Information as to the applicability of this action to specific vehicles can best be obtained by either calling Ford's toll-free line (1-866-436-7332) or by contacting a local Ford or Lincoln dealer who can obtain specific information regarding the vehicles from the Ford On-line Automotive Service Information System (OASIS) database. 3,337 F-250 vehicles are affected. 2,919 F-350 vehicles are affected. 680 F-450 vehicles are affected. 1,472 F-550 vehicles are affected. 281 F-600 vehicles are affected.
Production Dates :	JAN 06, 2023 - AUG 02, 2023
VIN Range 1 :	Begin : NR End : NR ☐ Not sequential

Description of Defect :

Description of the Defect :	The Steering Column Control Module (SCCM) in affected vehicles may contain a clock spring assembly with an insufficient weld between the bus bar and the ribbon cable. The ribbon cable provides connectivity to the driver airbag. An insufficient weld can lead to a disconnection of ribbon cable circuits, resulting in a loss of electrical connection to the driver's front airbag. As a consequence, the airbag warning light will illuminate and the driver airbag will not deploy when intended.
FMVSS 1 :	NR
FMVSS 2 :	NR
Description of the Safety Risk :	A driver airbag that does not deploy when intended increases the risk of injury in a crash.
Description of the Cause :	During the sub-supplier's manufacturing process, clock spring bus bars may have been washed in isopropyl alcohol contaminated with glycerin. Contamination of bus bars with glycerin may result in an insufficient weld condition between the bus bar and the ribbon cable of the clock spring assembly.
Identification of Any Warning that can Occur :	The 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.

Involved Components :

Component Name 1 :	Steering Column Control Module (SCCM)
Component Description :	Clock Spring
Component Part Number :	ML3T-14B522-ENW

Component Name 2 :	Steering Column Control Module (SCCM)
Component Description :	Clock Spring
Component Part Number :	ML3T-14B522-GCE

Component Name 3 :	Steering Column Control Module (SCCM)
Component Description :	Clock Spring
Component Part Number :	ML3T-14B522-HGW

Component Name 4 :	Steering Column Control Module (SCCM)
Component Description :	Clock Spring
Component Part Number :	PC3T-14B522-AGW

Component Name 5 :	Steering Column Control Module (SCCM)
Component Description :	Clock Spring
Component Part Number :	PC3T-14B522-CGW

Component Name 6 :	Steering Column Control Module (SCCM)
Component Description :	Clock Spring
Component Part Number :	PC3T-14B522-DGW

Component Name 7 :	Steering Column Control Module (SCCM)
Component Description :	Clock Spring
Component Part Number :	PC3T-14B522-EGW

Component Name 8 :	Steering Column Control Module (SCCM)
Component Description :	Clock Spring
Component Part Number :	PC3T-14B522-FGW

Component Name 9 :	Steering Column Control Module (SCCM)
Component Description :	Clock Spring
Component Part Number :	PC3T-14B522-FHW

Component Name 10 :	Steering Column Control Module (SCCM)
Component Description :	Clock Spring
Component Part Number :	PL3T-14B522-JAW

Component Name 11 :	Steering Column Control Module (SCCM)
Component Description :	Clock Spring
Component Part Number :	RL3T-14B522-AAW

Supplier Identification :

Component Manufacturer

Name :	BCS Automotive Interface Solutions
Address :	33737 W. 12 Mile Road Farmington hills Michigan 48331
Country :	United States

Chronology :

Chronology is provided as an attachment.

Description of Remedy :

Description of Remedy Program :	Owners will be notified by mail and instructed to take their vehicle to a Ford or Lincoln dealer to have the steering wheel clock spring production date inspected. Clock springs with a suspect date will be replaced. There will be no charge for this service. Ford provided the general reimbursement plan for the cost of remedies paid for by vehicle owners prior to notification of a safety recall in May 2023. The ending date for reimbursement eligibility is estimated to be January 5, 2024. Ford will forward a copy of the notification letters to dealers to the agency when available.
How Remedy Component Differs from Recalled Component :	The remedy clock spring assemblies will contain properly welded internal components.
Identify How/When Recall Condition was Corrected in Production :	NR

Recall Schedule :

Description of Recall Schedule :	Notification to dealers is expected to occur on December 18, 2023. Mailing of owner notification letters is expected to begin January 8, 2024 and is expected to be completed by January 12, 2024.
Planned Dealer Notification Date :	DEC 18, 2023 - DEC 18, 2023
Planned Owner Notification Date :	JAN 08, 2024 - JAN 12, 2024

* NR - Not Reported