Part 573 Safety Recall Report 22V-528

Manufacturer Name : Ford Motor Company
Submission Date : JUL 22, 2022
NHTSA Recall No. : 22V-528
Manufacturer Recall No. : 22S50

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 : 692
Estimated percentage with defect : 50 %

Vehicle Information :

Vehicle 1 : 2022-2022 Ford F-53 Motorhome Stripped Chassis
Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES
Body Style :
Power Train : NR
Descriptive Information : Ford's team reviewed plant records to determine the population of affected vehicles.

Affected vehicles were produced with steering wheel attachment bolts that may have been under torqued.

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.

239 F-53 Motorhome Stripped Chassis are affected
453 F-59 Commercial Stripped Chassis are affected

Production Dates : JUN 03, 2022 - JUN 15, 2022
VIN Range 1 : Begin : NR End : NR ☐ Not sequential

Vehicle 2 :	2022-2022 Ford F-59 Commercial Stripped Chassis
Vehicle Type :	BUSES, MEDIUM & HEAVY VEHICLES
Body Style :	
Power Train :	NR
Descriptive Information :	Ford's team reviewed plant records to determine the population of affected vehicles. Affected vehicles were produced with steering wheel attachment bolts that may have been under torqued. 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. 239 F-53 Motorhome Stripped Chassis are affected 453 F-59 Commercial Stripped Chassis are affected
Production Dates :	JUN 03, 2022 - JUN 15, 2022

VIN Range 1 : Begin : NR End : NR ☐ Not sequential

Description of Defect :

Description of the Defect :	The steering wheel attachment bolt may loosen and eventually separate from the steering shaft, resulting in a loose or detached steering wheel.
FMVSS 1 :	NR
FMVSS 2 :	NR
Description of the Safety Risk :	Should an under torqued steering wheel attachment bolt loosen but remain attached, the driver will still be able to maintain control of the vehicle. If the steering wheel attachment bolt backs out completely and becomes unattached, the steering wheel may detach from the steering column. This can result in a loss of steering control, increasing the risk of a crash.
Description of the Cause :	The steering wheel attachment bolt was torqued to 17Nm instead of the specified 47.5Nm.
Identification of Any Warning that can Occur :	The driver may hear a ticking/clicking noise from the steering column when the wheel is turned or notice minor movement of the steering wheel as the bolt loosens.

Involved Components :

Component Name 1 :	NR
Component Description :	NR
Component Part Number :	NR

Supplier Identification :

Component Manufacturer

Name :	NR
Address :	NR
	NR
Country :	NR

Chronology :

On June 15, 2022, Detroit Chassis Plant (DCP) had identified a 2022 F53/59 Stripped Chassis vehicle with a steering wheel attaching bolt that was torqued below specification. DCP personal inspected other units at the plant and identified others had steering wheel attaching bolts that were not torqued to the specification. DCP Engineering reviewed torque data for the most recent 10,000 steering wheel attaching bolt torques and determined that an under torquing condition began on June 3, 2022, for certain vehicle configurations, concurrent with the start of a new operator.

On June 30, 2022, the issue pertaining to F-53 and F-59 under torqued steering wheel attachment bolts was brought to Ford's Critical Concern Review Group for review.

June 30 – July 1, 2022, Restraints Engineering performed a geometric analysis of the steering column, steering wheel attaching bolt, and the horn pad, and determined that a loose bolt could potentially back out of the joint, resulting in loss of steering wheel attachment to the steering column. All the affected vehicles are incomplete vehicles that are shipped to final stage manufacturers for further manufacturing.

On July 15, 2022, Ford's Field Review Committee reviewed the concern and approved a field action.

Ford is not aware of any reports of accident or injury related to this condition.

Description of Remedy :

Description of Remedy Program :	The steering wheel attachment bolt will be replaced and torqued to specification (47.5 Nm). Ford is excluding reimbursement for costs because all vehicles are expected to be repaired by Ford or Final Stage Manufacturers prior to delivery.
How Remedy Component Differs from Recalled Component :	There is no change in the bolt design. A new bolt will be used to ensure proper adhesion of the thread adhesive and torqued to specification (47.5 Nm).
Identify How/When Recall Condition was Corrected in Production :	NR

Recall Schedule :

Description of Recall Schedule :	According to Ford's records, all affected units were shipped to 12 final stage manufacturers prior to the recall decision. Ford is currently working with these final stage manufacturers to remedy these vehicles prior to the final customer delivery. Because no remedy would be required at Ford dealers, Ford does not plan to provide a recall repair bulletin to Ford dealers for this action. Ford will amend the notification schedule to include final customer and dealer notifications if all vehicles are not repaired prior to the 60 day notification requirement.
Planned Dealer Notification Date :	NR - NR
Planned Owner Notification Date :	NR - NR

* NR - Not Reported