



**Steve M. Kenner, Global Director**  
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June 30, 2014

Ms. Nancy Lewis  
Associate Administrator for Enforcement  
National Highway Traffic Safety Administration  
1200 New Jersey Avenue SE, Room W45-306  
Washington, DC 20590

Dear Ms. Lewis:

**Subject: Ford Motor Company (Ford) Safety Recall #14S14 - Certain 2014 Model Year F53  
Motorhome Chassis and F59 Commercial Chassis Vehicles – Brake Caliper Leak**

In accordance with the requirements of 49 CFR Part 573 Defect and Non-compliance Information Reports, please find the applicable information regarding Ford Motor Company's voluntary safety recall #14S14.

Sincerely,

A handwritten signature in blue ink that reads "S. M. Kenner".

*for* Steven M. Kenner  
Attachment

49 CFR Part 573 – DEFECT INFORMATION REPORT  
SAFETY RECALL #14S14: CERTAIN 2014 MODEL YEAR F53 MOTORHOME CHASSIS AND  
F59 COMMERCIAL CHASSIS VEHICLES – BRAKE CALIPER LEAK

Pursuant to Part 573 of Title 49 of the Code of Federal Regulations, Defect and Non-Compliance Reports, Ford Motor Company submits the following information concerning a safety recall action that it is voluntarily initiating.

573.6 (c) (2) – Potentially Affected Vehicles

Vehicles potentially affected are certain 2014 model year F53 motorhome chassis and F59 commercial chassis vehicles built at the Detroit Chassis Plant (DCP) between February 14, 2014, and March 7, 2014.

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), clicking on the "Safety Recalls" link at <http://www.ford.com>, 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.

The information for the supplier of the brake caliper, that is the subject of this defect report, is provided below.

Brake Caliper:

TRW Automotive  
5531 Rafe Court  
Flowery Branch, GA 30542  
Point of Contact at Supplier: Plant Manager - Tony Murawski  
Phone: 770-967-5753  
Country of Origin: United States

573.6 (c) (3) – Estimated Population of Vehicles Potentially Affected

Approximately 635 vehicles in the United States and federalized territories are potentially affected.

573.6 (c) (4) – Estimated Percentage of Affected Vehicles with the Defect Condition

Unknown.

573.6 (c) (5) – Description of the Defect

Some of the affected vehicles may contain brake calipers that may have been incorrectly machined and could result in a leak between the piston and piston bore. The leak can result in the loss of braking performance in one of the two brake system hydraulic circuits. If this leak occurs, the operator would experience longer brake pedal travel and increased stopping distances, increasing the risk of a crash.

No warranty, customer complaints, or injuries have been reported to date as a result of the subject condition.

### 573.6 (c) (6) – Chronology of Events

Late February 2014: During normal chassis vehicle manufacturing at DCP, eight brake calipers were identified as leaking. The calipers were returned to TRW for inspection. The calipers were found to be machined incorrectly due to a change in the casting process at a sub-supplier.

March 2014: TRW inspected available stock and found less than 1% were out of tolerance. Additional calipers built from the suspect lot and taken from vehicles at DCP which successfully completed the manufacturing process were returned to TRW for analysis. A review of field data identified no related reports on the subject population. Engineering brought this issue to the attention of Ford's Critical Concern Review Group.

April 2014: The additional calipers returned from DCP were inspected by TRW and approximately 2% were found out of tolerance. A review of field data identified no related reports on the subject population. A supply chain review to determine how many, if any, calipers had reached the field was requested.

May 2014: Initial indication from the supply chain review indicated that very few suspect calipers could have made it into the field, however further detail was requested to account for all the stock from the sub-supplier that would have been machined by TRW in the suspect timeframe. A review of field data identified no related reports on the subject population.

June 2014: TRW's analysis could not account for approximately 500 calipers that were built in the suspect timeframe. A review of field data identified no related reports on the subject population.

On June 23, 2014, Ford's Field Review Committee reviewed this concern and approved a safety field action.

### 573.6 (c) (8) – Service Program

Dealers will inspect the brake calipers and replace those with affected build date codes. There will be no charge to owners for this service.

Dealers will be notified on July 1, 2014. Mailing of owner notification letters is expected to occur the week of July 14, 2014.

In accordance with Part 573.13(d)(1), Ford is excluding reimbursement for costs incurred by owners for repair of this concern because Ford's original warranty program would provide for a free repair for this concern for customers.

### 573.6 (c) (10) – Press Statement and Dealer/Owner Letters

National media attention is likely as with most Ford recalls when posted to NHTSA's safecar.gov website. Ford will provide public comments when requested. A news release will not be issued.

Ford will forward a copy of the notification letters to dealers and owners to the agency when available.

573.6 (c) (11) – Recall Number

Ford has assigned recall number 14S14 to this action.

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