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December 27, 2010

Mr. Claude Harris  
Acting Associate Administrator for Safety Assurance  
National Highway Traffic Safety Administration  
1200 New Jersey Avenue SE, Room W45-231  
Washington, DC 20590

Dear Mr. Harris:

**Subject:** Ford Motor Company (Ford) Recall No. 10S14 - Certain 2011 Model Year Ford F-150, F-250, F-350, F-450, F-550, Edge, and Lincoln MKX Vehicles for Body Control Module Inspection

Summary

- Ford Action - Ford is conducting a voluntary safety recall involving certain 2011 model year Ford F-150, F-250, F-350, F-450, F-550, Edge, and Lincoln MKX vehicles for Body Control Module inspection.
- Number of Vehicles Involved - Approximately 14,737 vehicles in the United States and federalized territories are potentially affected.
- Effect on Vehicle Operation - During a six-day production period, the supplier of the Body Control Module manufactured modules that may have the potential for an internal short. If an electrical short develops, an overheating condition may occur which can result in an unattended vehicle fire. Ford is not aware of any reports for related fires on vehicles in service.
- Service Procedure - Owners will be notified and instructed to take their vehicles to a Ford or Lincoln/Mercury dealer to have the Body Control Module inspected and if necessary replaced.

The detailed information required by the applicable portions of 49 CFR Part 573 - Defect and Non-Compliance Information Report is attached.

Sincerely,

  
James P. Vondale

Attachment



49 CFR PART 573 - DEFECT INFORMATION REPORT  
10S14 - 2011 MODEL YEAR FORD F-150, F-250, F-350, F-450, F-550, EDGE, AND LINCOLN MKX  
VEHICLES FOR BODY CONTROL MODULE

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 2011 model year F-150 vehicles built at the Dearborn Assembly plant (DTP) from November 3, 2010, through November 20, 2010, certain 2011 model year F-250, F-350, F-450, F-550 trucks built at the Kentucky Truck Plant (KTP) from October 28, 2010, through November 19, 2010, and certain 2011 model year Ford Edge and Lincoln MKX vehicles built from October 25, 2010, through November 3, 2010.

Because 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/Mercury dealer who can obtain specific information regarding the vehicles from the Ford On-line Automotive Service Information System (OASIS) database.

The Body Control Modules for the affected vehicles are manufactured in Mexico by the Lear Corporation at their facility located at:

LEAR CORPORATION  
(Monterrey, Apodaca)  
VIA MONTERREY MATAMOROS 514  
Monterrey, Apodaca, NL 66600 MX

The Lear contact at the manufacturing facility is:

Ulises Gonzalez  
E-mail: ugonzalez@lear.com  
Phone: 011.528.1115.64301

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

Approximately 14,737 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

During a six-day production period, the supplier of the Body Control Module manufactured modules that may have the potential for an internal short. If an electrical short develops, an overheating condition may occur which can result in an unattended vehicle fire. Ford is aware of two vehicle fires at a Ford assembly plant. Ford is not aware of any reports for related fires on vehicles in service.

573.6 (c) (6) - Chronology of Events

On November 16, 2010, a 2011 model year F-150 truck at the Dearborn Assembly Plant was discovered with smoke and a visible flame in the cab of the vehicle. Investigation by the plant engineering team (PVT) identified the cowl side as the source of the smoke/fire. Investigation continued by the PVT and Engineering and identified the Body Control Module (BCM) as the potential source of the event at the plant. On November 18, 2010, the concern was reviewed by Ford's Critical Concern Group (CCRG) and the BCM was sent to the supplier for analysis. The supplier analysis of the BCM concluded that the printed circuit board had shorted, resulting in an over heating condition. During the investigation period a second F-150 at the Dearborn Assembly Plant was discovered with smoke coming from the cab on December 5, 2010. A fire subsequently ignited. Investigation determined the source as the BCM. A stop ship was issued. Further investigation by the supplier found that a newly hired operator failed to properly clean a soldering machine during four production shifts from October 25, 2010, to October 30, 2010, resulting in a small number of printed circuit boards with contaminants that could result in a short circuit. Investigation of shipping and production records determined that BCMs built in this time frame may have been installed in specific build dates of 2011 model year F-250, F-350, F-450, and F-550 trucks and the 2011 model year Edge and Lincoln MKX vehicles.

On December 10, 2010, a Technical Review Committee was held to review engineering and production data.

On December 17, 2010, the Field Review Committee reviewed the issue and approved a field action.

573.6 (c) (8) - Service Program

Owners will be notified and instructed to take their vehicles to a Ford or Lincoln/Mercury dealer to have the body Control Module inspected and if necessary replaced. There will be no charge to owners for this service.

Mailing of owner notification letters will occur the week of January 10, 2011. Notification to dealers occurred on December 27, 2010.

In accordance with Part 573.13 (d)(1), Ford is excluding reimbursement for costs incurred by owners for repair of this problem 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 expected, as with all major recalls, when posted to NHTSA's safecar.gov website. Ford will provide public comments when requested. A news release will not be issued. A copy of the notification letters to dealers and owners from Ford will be forwarded to the agency when available. A copy of the notification letters to dealers and owners from Ford will be forwarded to the agency when available.

573.6 (c) (11) - Recall Number

Ford has assigned recall number 10S14 to this action.