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December 7, 2009

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

Dear Mr. Smith:

Subject: Ford Motor Company (Ford) Recall No. 09S10 - Certain 2010 Model Year Ford F-650/750 Trucks - Air Brake S-cam Lubrication

Summary

- Ford Action - Ford is conducting a voluntary safety recall involving certain 2010 model year F-650/750 trucks with air brakes to reduce the potential for possible restriction in the release of the service brakes. Ford will add lubricant to the S-cam lubrication tube and check the S-cam for free movement at all four wheel locations.
- Number of Vehicles Involved - Approximately 231 vehicles in the United States and federalized territories.
- Effect on Vehicle Operation - The new supplier for the front and rear axle assemblies may have shipped axles without grease in the S-cam lubrication tube at the wheel locations. The S-cam transmits force to the brake shoes on air brake vehicles. If the S-cam is not lubricated corrosion may develop over time, which may restrict release of the service brake at the affected wheel and may result in excessive brake temperatures and possibly longer stopping distances. Restriction in the S-cam release could also cause noise, odor, smoke and/or brake pull. Ford is not aware of any field reports for this condition.
- Service Procedure - Owners will be notified and instructed to take their vehicle to a Ford dealer to add lubricant to the S-cam lubrication tube and check the S-cam for free movement at all four wheel locations.

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

Sincerely,

James P. Vondale

Attachments



49 CFR Part 573 -- DEFECT INFORMATION REPORT  
09S10 -- 2010 MODEL YEAR FORD F-650/750 TRUCKS -- AIR BRAKE  
S-CAM LUBRICATION

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 2010 model year Ford F-650/750 trucks built at the Escobedo Assembly Plant (EAP) from July 13, 2009, through September 8, 2009.

Because Ford vehicles are not produced in VIN order, we typically cannot provide VIN specific information. However, in this instance Ford is able to provide the specific VIN list – see Attachment II.

The axles for the affected trucks are manufactured in Mexico by Arvin Meritor at their facility located at:

Sistemas Automotrices de Mexico,  
S.A. de C.V. (Sisamex)  
Carretera Monterrey - Colombia km 6  
66050, Gral. Escobedo, N.L.  
Mexico

The Arvin Meritor contact at the manufacturing facility is:

Mr. Jose Gutierrez  
OEM Account Manager  
E-mail: [jose.gutierrez@arvinmeritor.com](mailto:jose.gutierrez@arvinmeritor.com)  
Phone: +52 818 3691232

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

Approximately 231 vehicles in the United States and federalized territories.

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

Unknown.

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

The new supplier for the front and rear axle assemblies may have shipped axles without grease in the S-cam lubrication tube at the wheel locations. The S-cam transmits force to the brake shoes on air brake vehicles. If the S-cam is not lubricated corrosion may develop over time, which may restrict release of the service brake at the affected wheel and may result in excessive brake temperatures and possibly longer stopping distances. Restriction in the S-cam release could also cause noise, odor, smoke and/or brake pull. Ford is not aware of any field reports for this condition.

573.6 (c) (6) - Chronology of Events

Ford engineering was notified on September 10, 2009, by Arvin Meritor, the new supplier for the front and rear axles for the Ford F650/750 trucks that grease was not being installed in S-cam lubrication tubes at their axle assembly plant. On September 10, 2009, Blue Diamond, a joint venture between Ford and International for the assembly of the F-650/750 trucks, was informed and a stop ship was issued. An investigation of process and production data was conducted to determine the affected population of trucks. Concurrently, Ford engineering investigated the vehicle effect. On October 29, 2009, Ford's Critical Concern Review Group (CCRG) was notified.

On November 19, 2009, a Technical Review Committee (TRC) was held to review engineering data.

On November 30, 2009, the Field Review Committee (FRC) reviewed the issue and approved a field action.

573.6 (c) (8) - Service Program

Owners will be notified and instructed to take their vehicle to a Ford dealer to add lubricant to the S-cam lubrication tube and check the S-cam for free movement at all four wheel locations. There will be no charge to owners for this service.

Mailing of owner notification letters will occur on December 16, 2009. Notification to Dealers will occur on December 7, 2009.

Ford's general reimbursement plan for the cost of remedies paid for by vehicle owners prior to notification of a safety recall was provided to the agency on February 28, 2009.

573.6 (c) (10) - Press statement and Dealer/Owner Letters

Ford does not at this time plan to make a statement to the media concerning the subject matter of this action. 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 09S10 to this action.

573.13 (c) (2) - Ending date for reimbursement Eligibility

The ending date for reimbursement eligibility for cost of remedies paid for by vehicle owners per Ford's general reimbursement plan is December 23, 2009.