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**Steve M. Kenner, Global Director**  
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Dearborn, MI 48126-2738 USA

November 27, 2012

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) Recall No. 12C27 - Certain 2013 Model Year Fusion Vehicles -  
Headlamp Illumination

Summary

- Ford Action - Ford is conducting a voluntary compliance recall on certain 2013 model year Fusion vehicles.
- Number of Vehicles Involved - Approximately 19,106 vehicles in the United States and federalized territories are potentially affected.
- Description of Non-Compliance - FMVSS 108 Section 14.6.6 requires that the headlamp beam photometric requirements of table XIX be met after completion of the temperature cycle test and the internal heat test. Certain 2013 model year Fusion vehicles produced at Ford's Hermosillo Stamping and Assembly Plant (HSAP) were built with headlamp assemblies that may not have had the low beam headlamp projector coating properly cured during its manufacturing process. An improperly cured projector will become hazy through operation, over time, reducing the brightness of the low-beam lamp.

As of November 9, 2012, there are no known reports of accidents or injuries attributed to this condition.

- Service Program - Owners will be notified by mail and instructed to take their vehicles to a Ford or Lincoln dealer to have the headlamp assemblies replaced.

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

Sincerely,

for Steven M. Kenner  
ATTACHMENT



49 CFR Part 573 - NON-COMPLIANCE INFORMATION REPORT  
12C27 - 2013 MODEL YEAR FUSION HEADLAMP ILLUMINATION

Pursuant to Part 573 of Title 49 of the Code of Federal Regulations, Defect and Non-Compliance Reports, Ford Motor Company (Ford) submits the following information concerning a non-compliance to the requirements of Section S14.6.6 of FMVSS 108 for certain 2013 model year Fusion vehicles.

573.6 (c) (2) - Potentially Affected Vehicles

Certain 2013 model year Fusion vehicles produced at Ford's Hermosillo Stamping and Assembly Plant (HSAP) from February 3, 2012, through October 20, 2012, are potentially affected.

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 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 low beam headlamp assembly, which includes the projector that is the subject of this defect report, is provided below.

Component: Headlamp Assembly

Corporate Name of Supplier: VALEO SYLVANIA ILUMINACION  
Supplier Address: Avenida De La Montana 102  
Delegacion Santa Rosa Ju, QU 76220 MX  
Supplier Phone Number: 011 (52)44 22 11 6670  
Point of Contact at Supplier: Oscar Wong (Plant Manager)  
Country of Origin for the component: Mexico

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

Approximately 19,106 vehicles in the United States and federalized territories are potentially affected.

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

Unknown.

573.6 (c) (5) - Description of Non-Compliance

FMVSS 108 Section 14.6.6 requires that the headlamp beam photometric requirements of table XIX be met after completion of the temperature cycle test and the internal heat test. Certain 2013 model year Fusion vehicles produced at Ford's Hermosillo Stamping and Assembly Plant (HSAP) were built with headlamp assemblies that may not have had the low beam headlamp projector coating properly cured during its manufacturing process. An improperly cured projector will become hazy through operation, over time, reducing the brightness of the low-beam lamp.

As of November 9, 2012, there are no known reports of accidents or injuries attributed to this condition.



573.6 (c) (7) - Basis of Non-Compliance Determination

The internal Ford Motor Company Voice of the Customer Fleet (VoCF) reported dimmed low beam headlamps in early October 2012. Available vehicles were then evaluated and some were found to appear to have low beam headlamps with reduced brightness levels.

Suspect headlamp assemblies were tested to the Ford internal requirements, which are more severe than the FMVSS 108 requirements, in mid-October 2012, and reduced photometric performance was identified.

A subsequent investigation identified the potential for vehicles manufactured prior to October 20, 2012, to have a low beam headlamp assembly that may exhibit some level of dimming after exposure to heat from operating the headlamps.

Headlamp assemblies with improperly cured projectors were tested to the requirements of Section S14.6.6 of FMVSS 108. The testing was completed on November 14, 2012, and showed several points below the minimum photometric intensity required by the Standard. On November 15, 2012, the Field Review Committee reviewed the issue and approved a field action.

573.6 (c) (8) - Service Program

Ford will notify dealers to stop demonstrating or delivering the affected vehicles until the headlamps are replaced. Owners will be notified by mail and instructed to take their vehicles to a Ford or Lincoln dealer to have the headlamp assemblies replaced with a known good headlamp. There will be no charge to owners for this service.

Mailing of owner notification letters will begin on December 10, 2012, and be completed on December 14, 2012. Notification to dealers will occur on November 27, 2012.

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 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. 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 12C27 to this action.