

Part 573 Safety Recall Report

16V-247

Manufacturer Name : Ford Motor Company

Submission Date : MAY 19, 2016

NHTSA Recall No. : 16V-247

Manufacturer Recall No. : 16C06



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 : 695

Estimated percentage with defect : NR

Vehicle Information :

Vehicle 1 : 2009-2012 Ford Flex

Vehicle Type : LIGHT VEHICLES

Body Style :

Power Train : NR

Descriptive Information : Affected vehicles are equipped with a suspect driver airbag inflator. The supplier provided to Ford a list of 199 driver airbag module serial numbers that contain a suspect inflator. As of the date of this filing, Ford has identified 125 vehicles that contain suspect inflators. We are continuing to work to identify the remaining 74 vehicles.

Update: After completing an analysis of airbag module to vehicle traceability data and production records, Ford has identified 695 vehicles that may be affected by this concern.

Vehicle production dates are provided, however not all vehicles in the production range are affected.

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

Production Dates : JUN 17, 2008 - OCT 06, 2011

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 2 : 2008-2009 Ford Taurus X

Vehicle Type : LIGHT VEHICLES

Body Style :

Power Train : NR

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Production Dates : OCT 05, 2007 - SEP 03, 2008

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 3 : 2011-2011 Lincoln MKS

Vehicle Type : LIGHT VEHICLES

Body Style :

Power Train : NR

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Production Dates : JUL 29, 2010 - JUN 02, 2011

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 4 : 2009-2009 Lincoln MKS

Vehicle Type : LIGHT VEHICLES

Body Style :

Power Train : NR

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Production Dates : JUN 02, 2008 - APR 22, 2009

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 5 : 2010-2012 Ford Taurus

Vehicle Type : LIGHT VEHICLES

Body Style :

Power Train : NR

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Production Dates : MAR 23, 2010 - SEP 02, 2011

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 6 : 2008-2008 Ford Taurus

Vehicle Type : LIGHT VEHICLES

Body Style :

Power Train : NR

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Production Dates : MAY 14, 2007 - AUG 11, 2008

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 7 : 2008-2008 Mercury Sable

Vehicle Type : LIGHT VEHICLES

Body Style :

Power Train : NR

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Production Dates : AUG 13, 2007 - AUG 07, 2008

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Noncompliance :

Description of the Noncompliance : Ford has been notified that driver airbags installed on certain 2007-2012 Ford Flex, Taurus, Taurus X/Freestyle, Mercury Sable and Lincoln MKS vehicles may contain an inflator in which the second stage/high output will not deploy properly in certain high-speed crashes and consequently the vehicle may not comply with the requirements of FMVSS 208, "Occupant Crash Protection," S14.5.2 Rigid barrier. Ford's supplier indicated that primary stage airbag deployment is not affected.

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

FMVSS 1 : 208 - Occupant crash protection

FMVSS 2 : NR

Description of the Safety Risk : If the second stage enhancer is missing from the inflator system, the second stage of the airbag module inflator will not deploy as intended in high speed crashes and the vehicle may not comply with the requirements of FMVSS 208. This may increase the risk of an injury in a crash that requires a high output deployment.

Description of the Cause : The supplier identified that in the suspect inflators, the secondary chemical

enhancer was misloaded and fell out of the inflator during subsequent assembly processing.

Identification of Any Warning that can Occur : NR

Supplier Identification :

Component Manufacturer

Name : Key Safety Systems
Address : 7000 19 Mile Rd
Sterling Heights MICHIGAN 48314
Country : United States

Chronology :

April 1, 2016: Key Safety Systems (KSS) informed Ford that during a lot acceptance test for another customer, KSS discovered an inflator where the chemical enhancer required for second stage/high output driver frontal airbag deployment was missing, and that Ford is affected.

April 4, 2016: KSS filed a Part 573 defect information report.

April 7, 2016: The concern was introduced to the Critical Concerns Review Group. An investigation was initiated to evaluate the performance of the airbag without the second stage inflation.

April 14, 2016: KSS filed a revised Part 573 that identified Ford as a manufacturer that purchased suspect parts.

On April 18, 2016, Ford's Field Review Committee reviewed the concern and approved a field action.

Description of Remedy :

Description of Remedy Program : Owners will be notified by mail and instructed to take their vehicle to a Ford or Lincoln dealer to have the driver airbag module inspected and/or replaced. There will be no charge for this service.

Ford is excluding reimbursement for costs because the original warranty program would provide for a free repair for this concern.

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

How Remedy Component Differs from Recalled Component : NR

Identify How/When Recall Condition was Corrected in Production : NR

Recall Schedule :

Description of Recall Schedule : Notification to dealers is expected to occur on April 26, 2016. Mailing of owner notification letters is expected to begin June 13, 2016 and is expected to be completed by June 17, 2016.

Planned Dealer Notification Date : APR 26, 2016 - APR 26, 2016

Planned Owner Notification Date : JUN 13, 2016 - JUN 17, 2016

* NR - Not Reported