

Part 573 Safety Recall Report

18V-775

Manufacturer Name : Ford Motor Company**Submission Date :** NOV 01, 2018**NHTSA Recall No. :** 18V-775**Manufacturer Recall No. :** 18S34**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 : 215

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2010-2010 Ford Fusion

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : GAS

Descriptive Information : All affected vehicles were repaired under safety recalls 16V-384, 17V-024, and 18V-046 using passenger airbag module service parts manufactured with stop brackets with an incorrect material thickness.

- Ford identified the affected vehicle population by monitoring warranty repairs using its warranty system to identify vehicles repaired with a specific part number that contained incorrect material thickness stop brackets.
- The replacement service part includes stop brackets stamped from thicker gage material.
- Affected Vehicle Volume Summary
 - o 2010 MY Ford Fusion – 2 Vehicles
 - o 2010 MY Lincoln MKZ – 112 Vehicles
 - o 2011 MY Lincoln MKZ – 41 Vehicles
 - o 2012 MY Lincoln MKZ – 60 Vehicles

Production Dates : FEB 26, 2010 - JUN 21, 2010

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2010-2010 Mercury Milan

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : GAS

Descriptive Information : All affected vehicles were repaired under safety recalls 16V-384, 17V-024, and 18V-046 using passenger airbag module service parts manufactured with stop brackets with an incorrect material thickness.

- Ford identified the affected vehicle population by monitoring warranty

repairs using its warranty system to identify vehicles repaired with a specific part number that contained incorrect material thickness stop brackets.

- The replacement service part includes stop brackets stamped from thicker gage material.

- Affected Vehicle Volume Summary

- o 2010 MY Ford Fusion – 2 Vehicles
- o 2010 MY Lincoln MKZ – 112 Vehicles
- o 2011 MY Lincoln MKZ – 41 Vehicles
- o 2012 MY Lincoln MKZ – 60 Vehicles

Production Dates : FEB 16, 2010 - JUN 21, 2010

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 3 : 2010-2012 Lincoln MKZ

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : GAS

Descriptive Information : All affected vehicles were repaired under safety recalls 16V-384, 17V-024, and 18V-046 using passenger airbag module service parts manufactured with stop brackets with an incorrect material thickness.

- Ford identified the affected vehicle population by monitoring warranty repairs using its warranty system to identify vehicles repaired with a specific part number that contained incorrect material thickness stop brackets.

- The replacement service part includes stop brackets stamped from thicker gage material.

- Affected Vehicle Volume Summary

- o 2010 MY Ford Fusion – 2 Vehicles
- o 2010 MY Lincoln MKZ – 112 Vehicles
- o 2011 MY Lincoln MKZ – 41 Vehicles
- o 2012 MY Lincoln MKZ – 60 Vehicles

Production Dates : MAR 10, 2009 - JUL 16, 2012

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : In a crash requiring deployment of the passenger airbag, a bracket that secures the airbag inflator to the module housing may deform and allow leakage of gas used to inflate the airbag. An incomplete inflation of the passenger airbag could result in an increased likelihood of injury.

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

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : During a crash requiring passenger airbag deployment, the stop plate bracket

Description of the Safety Risk : may deform allowing inflation gas to escape, resulting in a partial or incomplete airbag inflation. This could result in an increased risk of injury.

Description of the Cause : For Production Validation (PV) testing, the supplier used a stop plate component that did not follow the proper production part approval process (PPAP) and was thicker than the specified material thickness. This resulted in a “false positive” validation test. The specified material thickness was utilized in production and was inadequate to provide expected performance.

Identification of Any Warning that can Occur : None

Supplier Identification :

Component Manufacturer

Name : Joyson Safety Systems Inc.
Address : 7000 19 Mile Road
Sterling Heights MICHIGAN 48314
Country : United States

Chronology :

October 4, 2018: Joyson Safety Systems (JSS) reported a Production Validation (PV) test failure while validating parts on a new production line at their Monclova plant on an airbag module produced as a service part for the 2010 through 2012 model year Fusion/Milan/MKZ vehicles.

October 8, 2018: JSS observed a Lot Acceptance Test (LAT) failure on the same part produced at their Torreon plant. Parts used for LAT testing were assembled using an incorrect gage thickness stop plate. JSS halted production of the affected airbag modules and quarantined stock in its control.

October 4-8, 2018: Investigation of the test failures identified that a stop plate utilized in the module assembly provided insufficient support during airbag deployment potentially resulting in inflation gas leakage and incomplete airbag cushion inflation in the event of a crash.

The subsequent investigation of the PV and LAT test failures further identified that Production Validation testing for the initial production line at the Torreon facility was performed using stop plates produced with an incorrect material thickness.

October 16, 2018: The PV and LAT test failures were brought into Ford's Critical Concerns Review Group.

October 25, 2018: 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 vehicle's passenger airbag module replaced. There will be no charge for this service.

The subject repairs performed under recalls 16V-384, 17V-024, and 18V-046 were performed free of charge, therefore, Ford is excluding reimbursement for costs.

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

How Remedy Component Differs from Recalled Component : The remedy component utilizes stop brackets produced with a thicker gage steel.

Name	Description
Part Number Passenger Airbag Assembly AH6Z-54044A74-C	2010-2012 Lincoln MKZ
Passenger Airbag Assembly AE5Z-54044A74-C	2010-2012 Ford Fusion/ 2010-2011 Mercury Milan

Identify How/When Recall Condition was Corrected in Production : Not Applicable

Recall Schedule :

Description of Recall Schedule : Notification to dealers is expected to occur on November 2, 2018. Mailing of owner notification letters is expected to begin November 12, 2018 and is expected to be completed by November 16, 2018.

Planned Dealer Notification Date : NOV 02, 2018 - NOV 02, 2018

Planned Owner Notification Date : NOV 12, 2018 - NOV 16, 2018

* NR - Not Reported