

Part 573 Safety Recall Report

21V-158

Manufacturer Name : Ford Motor Company**Submission Date :** MAR 10, 2021**NHTSA Recall No. :** 21V-158**Manufacturer Recall No. :** 21S12**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 : 2,602,668

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2007-2011 Ford Ranger

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : NR

Descriptive Information : Affected vehicles are equipped with Takata PSDI-5 driver frontal inflators that use calcium sulfate as a desiccant. The population of Ranger vehicles for this program is 384,460 units in the United States and Federalized Territories.

Production Dates : JAN 09, 2006 - DEC 16, 2011

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2007-2010 Ford Edge

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : NR

Descriptive Information : Affected vehicles are equipped with Takata PSDI-5 driver frontal inflators that use calcium sulfate as a desiccant. The population of Edge vehicles for this program is 418,997 units in the United States and Federalized Territories.

Production Dates : JUN 15, 2006 - JUL 12, 2010

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 3 : 2006-2012 Ford Fusion

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : NR

Descriptive Information : Affected vehicles are equipped with Takata PSDI-5 driver frontal inflators that use calcium sulfate as a desiccant. The population of Fusion vehicles for this program is 1,323,642 units in the United States and Federalized Territories.

Production Dates : MAR 15, 2005 - JUL 29, 2012

VIN Range 1 : Begin : NR End : NR Not sequential

Vehicle 4 : 2006-2012 Lincoln Zephyr/MKZ

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : NR

Descriptive Information : Affected vehicles are equipped with Takata PSDI-5 driver frontal inflators that use calcium sulfate as a desiccant. The population of Zephyr/MKZ vehicles for this program is 204,422 units in the United States and Federalized Territories.

Production Dates : MAR 15, 2005 - JUL 29, 2012

VIN Range 1 : Begin : NR End : NR Not sequential

Vehicle 5 : 2006-2011 Mercury Milan

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : NR

Descriptive Information : Affected vehicles are equipped with Takata PSDI-5 driver frontal inflators that use calcium sulfate as a desiccant. The population of Milan vehicles for this program is 166,226 units in the United States and Federalized Territories.

Production Dates : MAR 15, 2005 - JUN 04, 2011

VIN Range 1 : Begin : NR End : NR Not sequential

Vehicle 6 : 2007-2010 Lincoln MKX

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : NR

Descriptive Information : Affected vehicles are equipped with Takata PSDI-5 driver frontal inflators that use calcium sulfate as a desiccant. The population of MKX vehicles for this program is 104,921 units in the United States and Federalized Territories.

Production Dates : JUN 15, 2006 - JUL 12, 2010

VIN Range 1 : Begin : NR End : NR Not sequential

Description of Defect :

Description of the Defect : TK Holdings, Inc. ("Takata") has determined that a defect which relates to motor vehicle safety in the driver frontal inflators installed as original equipment in certain 2007-2011 Ford Ranger, 2006-2012 Ford Fusion, 2006-2011 Mercury Milan, 2006-2012 Lincoln Zephyr/MKZ, 2007-2010 Ford Edge, and 2007-2010 Lincoln MKX – Takata PSDI-5 Driver Airbag Inflators desiccated with calcium sulfate. The determination was made that the desiccated propellant in these inflators may degrade after long-term exposure to high humidity and temperature cycling which could cause an inflator to rupture during airbag deployment.

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 : In the event of a crash necessitating deployment of the frontal airbag, the inflator could explode with sharp metal fragments striking the vehicle occupants, resulting in serious injury or death.

Description of the Cause : The desiccated propellant in these inflators may degrade after long-term exposure to high humidity and temperature cycling.

Identification of Any Warning that can Occur : None

Involved Components :

Component Name 1 : Driver Airbag

Component Description : 2007-2011 Ford Ranger

Component Part Number : 7L54-10043B13-ACW

Component Name 2 : Driver Airbag

Component Description : 2006-2009 Ford Fusion/Mercury Milan

Component Part Number : 8E53-54043B13-AAW

Component Name 3 : Driver Airbag

Component Description : 2006-2009 Ford Fusion/Mercury Milan

Component Part Number : 8N73-54043B13-AAW

Component Name 4 : Driver Airbag

Component Description : 2006-2009 Lincoln MKZ

Component Part Number : 8H63-54043B13-AAW

Component Name 5 : Driver Airbag

Component Description : 2007-2010 Ford Edge

Component Part Number : 7T43-78043B13-CAW

Component Name 6 : Driver Airbag

Component Description : 2007-2010 Ford Edge

Component Part Number : 8T43-78043B13-CCW

Component Name 7 : Driver Airbag

Component Description : 2007-2010 Ford Edge

Component Part Number : 9T43-78043B13-CAW

Component Name 8 : Driver Airbag

Component Description : 2007-2010 Lincoln MKX

Component Part Number : 7A13-78043B13-AFW

Component Name 9 : Driver Airbag

Component Description : 2007-2010 Lincoln MKX

Component Part Number : 8A13-78043B13-AAW

Component Name 10 : Driver Airbag

Component Description : 2007-2010 Lincoln MKX

Component Part Number : 9A13-78043B13-AAW

Component Name 11 : Driver Airbag

Component Description : 2010-2012 Ford Fusion/ 2010-2011 Mercury Milan

Component Part Number : 9E53-54043B13-AAW

Component Name 12 : Driver Airbag

Component Description : 2010-2012 Ford Fusion/ 2010-2011 Mercury Milan

Component Part Number : 9N73-54043B13-AAW

Component Name 13 : Driver Airbag

Component Description : 2010-2012 Lincoln MKZ

Component Part Number : 9H63-54043B13-ACW

Supplier Identification :

Component Manufacturer

Name : TK Holdings

Address : 888 16th Street NW
Washington District of Columbia 20006

Country : United States

Chronology :

Ford has provided its chronology in an attached file

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 their driver airbag inflator or module replaced. There will be no charge for this service.

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

Pursuant to Part 577.11, Ford does not plan to provide reimbursement to owners because a remedy was not available for this condition prior to this recall.

How Remedy Component Differs from Recalled Component : The recall remedy parts do not contain ammonium nitrate.

Identify How/When Recall Condition was Corrected in Production : The subject ammonium nitrate inflators desiccated with calcium nitrate were no longer used in production after the production end date for the respective vehicles.

Recall Schedule :

Description of Recall Schedule : Ford dealers will be notified on March 11, 2021. Mailing of owner notification letters is expected to begin on April 1, 2021 and be completed by April 30, 2021.

Planned Dealer Notification Date : MAR 11, 2021 - MAR 11, 2021

Planned Owner Notification Date : APR 01, 2021 - APR 30, 2021

* NR - Not Reported