

Part 573 Safety Recall Report

21V-081

Manufacturer Name : Ford Motor Company**Submission Date :** FEB 16, 2021**NHTSA Recall No. :** 21V-081**Manufacturer Recall No. :** 21S05**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 : 1,067

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2005-2014 Ford Mustang

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : NR

Descriptive Information : Ford Customer Service Division conducted inquiries of dealers and collision shops that ordered airbag service parts during the suspect time frame. In some cases, the dealers or collision shops were able to provide VINs and customer information related to service part orders. This program involves 753 Mustang vehicles that received a final remedy recall repair to replace the original Takata driver and/or passenger airbag inflator and may have been subsequently repaired with an obsolete Takata service part due to a collision or theft. Ford has identified VIN information for the affected vehicles.

Production Dates : SEP 23, 2006 - JUN 20, 2014

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2004-2011 Ford Ranger

Vehicle Type : LIGHT VEHICLES

Body Style : PICKUP TRUCK

Power Train : NR

Descriptive Information : Ford Customer Service Division conducted inquiries of dealers and collision shops that ordered airbag service parts during the suspect time frame. In some cases, the dealers or collision shops were able to provide VINs and customer information related to service part orders. This program involves 211 Ranger vehicles that received a final remedy recall repair to replace the original Takata driver and/or passenger airbag inflator and may have been subsequently repaired with an obsolete Takata service part due to a collision or theft. Ford has identified VIN information for the affected vehicles.

Production Dates : MAY 13, 2003 - OCT 27, 2011

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 3 : 2009-2011 Mercury Milan

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : NR

Descriptive Information : Ford Customer Service Division conducted inquiries of dealers and collision shops that ordered airbag service parts during the suspect time frame. In some cases, the dealers or collision shops were able to provide VINs and customer information related to service part orders. This program involves 10 Milan vehicles that received a final remedy recall repair to replace the original Takata driver and/or passenger airbag inflator and may have been subsequently repaired with an obsolete Takata service part due to a collision or theft. Ford has identified VIN information for the affected vehicles.

Production Dates : JUN 25, 2008 - MAY 27, 2011

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 4 : 2006-2006 Ford GT

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : NR

Descriptive Information : Ford Customer Service Division conducted inquiries of dealers and collision shops that ordered airbag service parts during the suspect time frame. In some cases, the dealers or collision shops were able to provide VINs and customer information related to service part orders. This program involves 3 Ford GT vehicles that received a final remedy recall repair to replace the original Takata driver and/or passenger airbag inflator and may have been subsequently repaired with an obsolete Takata service part due to a collision or theft. Ford has identified VIN information for the affected vehicles.

Production Dates : FEB 09, 2006 - MAY 16, 2006

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 5 : 2008-2012 Ford Fusion

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : NR

Descriptive Information : Ford Customer Service Division conducted inquiries of dealers and collision shops that ordered airbag service parts during the suspect time frame. In some cases, the dealers or collision shops were able to provide VINs and customer information related to service part orders. This program involves 53 Fusion vehicles that received a final remedy recall repair to replace the original Takata driver and/or passenger airbag inflator and may have been subsequently repaired with an obsolete Takata service part due to a collision or theft. Ford has identified VIN information for the affected vehicles.

Production Dates : MAY 29, 2009 - JUN 23, 2012

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 6 : 2007-2010 Ford Edge

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : NR

Descriptive Information : Ford Customer Service Division conducted inquiries of dealers and collision shops that ordered airbag service parts during the suspect time frame. In some cases, the dealers or collision shops were able to provide VINs and customer information related to service part orders. This program involves 97 Edge vehicles that received a final remedy recall repair to replace the original Takata driver and/or passenger airbag inflator and may have been subsequently repaired with an obsolete Takata service part due to a collision or theft. Ford has identified VIN information for the affected vehicles.

Production Dates : APR 02, 2007 - FEB 05, 2010

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 7 : 2007-2010 Lincoln MKX

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : NR

Descriptive Information : Ford Customer Service Division conducted inquiries of dealers and collision shops that ordered airbag service parts during the suspect time frame. In some cases, the dealers or collision shops were able to provide VINs and customer information related to service part orders. This program involves 8 MKX vehicles that received a final remedy recall repair to replace the original Takata driver and/or passenger airbag inflator and may have been subsequently repaired with an obsolete Takata service part due to a collision or theft. Ford has identified VIN information for the affected vehicles.

Production Dates : FEB 23, 2007 - JUN 17, 2009

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 8 : 2009-2010 Lincoln MKZ

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : NR

Descriptive Information : Ford Customer Service Division conducted inquiries of dealers and collision shops that ordered airbag service parts during the suspect time frame. In some cases, the dealers or collision shops were able to provide VINs and customer information related to service part orders. This program involves 19 MKZ vehicles that received a final remedy recall repair to replace the original Takata driver and/or passenger airbag inflator and may have been subsequently repaired with an obsolete Takata service part due to a collision or theft. Ford has identified VIN information for the affected vehicles.

Production Dates : JUN 25, 2008 - SEP 19, 2010

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : Ford Customer Service Division identified that certain Takata airbag modules were not purged from service stock after permanent recall remedy parts became available. Ford conducted an extensive investigation and identified some service parts that were returned to Ford or scrapped locally, or traceable to being installed on a specific VIN in a collision repair.

Ford has identified 1,067 vehicles that had the Takata recall permanent remedy repair completed before Ford purged the service stock and may have subsequently been repaired due to collision damage or theft, with an obsolete service part. Ford is not aware of any reports of accident or injury related to the condition associated with the inflators included in this recall.

Regarding the obsolete service parts, Takata has determined that a defect related to motor vehicle safety may arise in some of the subject non-desiccated ammonium nitrate inflators due to propellant degradation occurring after prolonged exposure to high absolute humidity, high temperatures, and high temperature cycling. Testing and analyses conducted by Takata and by independent entities have found that there are wide differences in the time periods in which propellant degradation takes place. The propellant degradation varies in different climate zones, in different vehicle makes and models, and in different inflator and propellant configurations.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : The obsolete driver or passenger frontal airbag inflator service part could rupture if the vehicle is involved in a crash where the supplemental front

airbags are designed to deploy and the inflator has experienced degradation. If an inflator ruptures, metal fragments could enter the passenger compartment increase the risk of injury or death to occupants.

Description of the Cause : Certain Takata airbag modules may not have been purged from service stock after permanent repair parts became available.

Identification of Any Warning that can Occur : None

Involved Components :

Component Name 1 : Passenger Airbag

Component Description : 2007-2010 MKX

Component Part Number : 7A1Z-78044A74-A

Component Name 2 : Passenger Airbag

Component Description : 2007-2011 Ranger

Component Part Number : 7L5Z-10044A74-AB

Component Name 3 : Driver Airbag

Component Description : 2005-2014 Mustang (GT500 Only)

Component Part Number : 7R3Z-63043B13-AA

Component Name 4 : Passenger Airbag

Component Description : 2005-2009 Mustang

Component Part Number : 7R3Z-63044A74-AA

Component Name 5 : Driver Airbag

Component Description : 2005-2014 Mustang

Component Part Number : 8R3Z-63043B13-AA

Component Name 6 : Driver Airbag

Component Description : 2005-2014 Mustang

Component Part Number : 8R3Z-63043B13-AB

Component Name 7 : Driver Airbag

Component Description : 2005-2014 Mustang

Component Part Number : 8R3Z-63043B13-BB

Component Name 8 : Passenger Airbag

Component Description : 2005-2009 Mustang

Component Part Number : 8R3Z-63044A74-AA

Component Name 9 : Passenger Airbag

Component Description : 2005-2009 Mustang

Component Part Number : 8R3Z-63044A74-BA

Component Name 10 : Passenger Airbag

Component Description : 2010-2012 Fusion and 2010-2011 Milan

Component Part Number : AE5Z-54044A74-A

Component Name 11 : Passenger Airbag

Component Description : 2010-2012 MKZ

Component Part Number : AH6Z-54044A74-A

Component Name 12 : Passenger Airbag

Component Description : 2010-2014 Mustang

Component Part Number : AR3Z-63044A74-AA

Component Name 13 : Passenger Airbag

Component Description : 2010-2014 Mustang

Component Part Number : AR3Z-63044A74-BA

Component Name 14 : Passenger Airbag

Component Description : 2010-2014 Mustang

Component Part Number : AR3Z-63044A74-CA

Component Name 15 : Passenger Airbag

Component Description : 2010-2014 Mustang

Component Part Number : AR3Z-63044A74-DA

Component Name 16 : Passenger Airbag

Component Description : 2010-2014 Mustang

Component Part Number : BR3Z-63044A74-AA

Component Name 17 : Driver Airbag

Component Description : 2005-2014 Mustang

Component Part Number : CR3Z-63043B13-AA

Component Name 18 : Driver Airbag

Component Description : 2005-2014 Mustang (GT500 Only)

Component Part Number : DR3Z-63043B13-AB

Component Name 19 : Passenger Airbag

Component Description : 2010-2014 Mustang

Component Part Number : DR3Z-63044A74-AA

Supplier Identification :

Component Manufacturer

Name : TK Holdings

Address : 888 16th Street NW

Washington District of Columbia 20006

Country : United States

Chronology :

In first quarter 2019, Ford Customer Service Division identified that certain Takata airbag service modules had not been purged from service stock after permanent replacement remedy parts became available.

In May 2019, Ford informed the NHTSA of the condition and shared details of the ongoing investigation. Ford continued to review the condition and status of Ford's ongoing investigation during regular Takata inflator recall review meetings throughout 2019 and 2020.

Ford conducted an extensive investigation and identified some service parts that were returned to Ford, scrapped locally, or traceable to being installed on a specific VIN in a collision repair.

On February 4, 2021, NHTSA advised Ford of expectations to address each of the identified populations of vehicles.

On February 9, 2021, Ford's Field Review Committee reviewed the concern and approved a field action.

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

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 or passenger airbag inflator or module inspected and replaced if necessary. There will be no charge for this service.

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

How Remedy Component Differs from Recalled Component : The obsolete service parts contain non-desiccated phase stabilized ammonium nitrate as a propellant. The remedy parts utilize guanidine nitrate as a propellant.

Identify How/When Recall Condition was Corrected in Production : This condition was identified post production

Recall Schedule :

Description of Recall Schedule : Notification to dealers is expected to occur on February 17, 2021.
Mailing of owner notification letters is expected to begin March 8, 2021,
and is expected to be completed by March 12, 2021.

Planned Dealer Notification Date : FEB 17, 2021 - FEB 17, 2021

Planned Owner Notification Date : MAR 08, 2021 - MAR 12, 2021

* NR - Not Reported