

# Part 573 Safety Recall Report

# 17V-529

**Manufacturer Name :** Ford Motor Company**Submission Date :** AUG 31, 2017**NHTSA Recall No. :** 17V-529**Manufacturer Recall No. :** 17S26**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 : 650

Estimated percentage with defect : 1 %

**Vehicle Information :**

Vehicle 1 : 2017-2017 Ford F150

Vehicle Type : LIGHT VEHICLES

Body Style : PICKUP TRUCK

Power Train : NR

**Descriptive Information :** Ford was notified of an abnormal Lot Acceptance Test (LAT) conducted at the supplier's engineering facility. All components from this suspect lot are included in this recall population. The Ford process is capable of tracing passenger air bag production to the vehicle in which the passenger air bag is installed. All vehicles not in this recall were built with inflators from certified lots. 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 : JUL 20, 2017 - AUG 01, 2017

VIN Range 1 : Begin : NR

End : NR

 Not sequential

Vehicle 2 : 2017-2017 Ford Mustang

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : NR

**Descriptive Information :** Ford was notified of an abnormal Lot Acceptance Test (LAT) conducted at the supplier's engineering facility. All components from this suspect lot are included in this recall population. The Ford process is capable of tracing passenger air bag production to the vehicle in which the passenger air bag is installed. All vehicles not in this recall were built with inflators from certified lots. 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 : JUL 20, 2017 - AUG 01, 2017

VIN Range 1 : Begin :

NR

End : NR

Not sequential

## Description of Defect :

Description of the Defect : In the affected vehicles, the inflator may rupture during a front passenger airbag deployment, resulting from a crash, which may result in metal fragments striking vehicle occupants.

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 affected vehicles, the inflator may rupture during a front passenger airbag deployment, resulting from a crash, which may result in metal fragments striking vehicle occupants and causing serious injury and death.

Description of the Cause : Preliminary analysis indicates excessive weld flash from the inflator canister welding process may obstruct the gas exit port, potentially causing the inflator to over-pressurize.

Identification of Any Warning that can Occur : None.

## Supplier Identification :

### Component Manufacturer

Name : ARC

Address : 1729 Midpark Road, Suite 100  
Knoxville TENNESSEE 37921

Country : United States

## Chronology :

July 31, 2017 The Tier 1 airbag module supplier notified Ford of an abnormal deployment of a Passenger Airbag (PAB) inflator during a Lot Acceptance Test (LAT) conducted at the supplier's engineering facility. The inflator ruptured during full output at +65 Celsius.

August 2017 The concern was reviewed by Ford's Critical Concern Review Group (CCRG). Preliminary analysis indicates that weld flash from the inflator canister welding process at the Tier 2 inflator supplier may obstruct the gas exhaust port. LAT testing frequency was increased and a Design Of Experiments was initiated to further evaluate potential factors

On August 21, 2017, 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 their passenger air bag module 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 :** Recalled vehicles will be serviced with passenger airbag modules which contain inflators produced from certified lots. Vehicles not in this recall were built with passenger airbag modules with inflators from certified lots.  
The part numbers and descriptions for the parts included in this recall are as follows:

ARC Dual-Stage, PH7-120 Inflator.

**Identify How/When Recall Condition was Corrected in Production :** All vehicles not included in this recall were built with inflators from certified lots.

## Recall Schedule :

**Description of Recall Schedule :** Notification to dealers is expected to occur on August 29, 2017. Mailing of owner notification letters is expected to begin October 9, 2017 and is expected to be completed by October 13, 2017.

**Planned Dealer Notification Date :** AUG 29, 2017 - AUG 29, 2017

**Planned Owner Notification Date :** OCT 09, 2017 - OCT 13, 2017

\* NR - Not Reported