

2017 Ford Mustang V8-5.0L

Vehicle &gt; Technical Service Bulletins

## DRIVER'S DOOR MAY UNLATCH IN A CRASH/FMVSS 206

— **RECALL Subject : Driver's Door may Unlatch in a Crash/FMVSS 206****Report Receipt Date:** MAR 13, 2017**NHTSA Campaign Number:** 17V168000**Component(s):** LATCHES/LOCKS/LINKAGES**Potential Number of Units Affected:** 5,470**All Products Associated with this Recall ▲**

Vehicle Make	Model	Model Year(s)
FORD	MUSTANG	2017

**Details ▲****4 Associated Documents ▼****Manufacturer:** Ford Motor Company**SUMMARY:**

Ford Motor Company (Ford) is recalling certain 2017 Ford Mustang vehicles. The return spring for the driver side interior door handle may come loose, allowing the driver's door to unlatch in a side impact crash. As such, these vehicles fail to comply with the requirements of Federal Motor Vehicle Safety Standard (FMVSS) number 206, "Door Locks and Door Retention Components."

**CONSEQUENCE:**

If the door unlatches in a crash it can increase the risk of injury.

**REMEDY:**

Ford will notify owners, and dealers will inspect the driver-side interior door handle and repair the return spring, as necessary, free of charge. The recall is expected to begin April 24, 2017. Owners may contact Ford at 1-866-436-7332. Ford's number for the recall is 17C04.

**NOTES:**

Owners may also contact the National Highway Traffic Safety Administration Vehicle Safety Hotline at 1-888- 327-4236 (TTY 1-800-424-9153), or go to [www.safercar.gov](http://www.safercar.gov).

1200 New Jersey Avenue, SE, West Building Washington DC 20590 USA 1.888.327.4236 TTY 1.800.424.9153  
6.0.28



U.S. Department of Transportation  
**National Highway Traffic Safety  
Administration**

March 23, 2017

Mr. Todd Fronckowiak

**1200 New Jersey Avenue SE  
Washington, DC 20590**

NEF-150SM

Assistant Director, Global Automotive Safety Compliance

Ford Motor Company

Fairlane Plaza South, Suite #500

330 Town Center Drive

Dearborn, MI 48126-2738

**Subject:** Driver's Door may Unlatch in a Crash/FMVSS 206

Dear Mr. Fronckowiak:

This letter serves to acknowledge Ford Motor Company's notification to the National Highway Traffic Safety Administration (NHTSA) of a safety recall which will be conducted pursuant to Federal law for the product(s) listed below. Please review the following information to ensure that it conforms to your records as this information is being made available to the public. If the information does not agree with your records, please contact us immediately to discuss your concerns.

**Makes/Models/Model Years:**

FORD/MUSTANG/2017

**Mfr's Report Date:** March 13, 2017

**NHTSA Campaign Number:** 17V-168

**Components:**

LATCHES/LOCKS/LINKAGES:DOORS:LATCH

**Potential Number of Units Affected:** 5,470

**Problem Description:**

Ford Motor Company (Ford) is recalling certain 2017 Ford Mustang vehicles. The return spring for the driver side interior door handle may come loose, allowing the driver's door to unlatch in a side impact crash. As such, these vehicles fail to comply with the requirements of Federal Motor Vehicle Safety Standard (FMVSS) number 206, "Door Locks and Door Retention Components."

**Consequence:**

If the door unlatches in a crash it can increase the risk of injury.

**Remedy:**

Ford will notify owners, and dealers will inspect the driver-side interior door handle and repair the return spring, as necessary, free of charge. The recall is expected to begin April 24, 2017. Owners may contact Ford at 1-866-436-7332. Ford's number for the recall is 17C04.

**Notes:**

Owners may also contact the National Highway Traffic Safety Administration Vehicle Safety Hotline at 1-888-327-4236 (TTY 1-800-424-9153), or go to [www.safercar.gov](http://www.safercar.gov).

Under 49 U.S.C. § 30112(a), it is illegal for anyone, including a manufacturer, distributor, dealer, or retailer to sell an item of equipment or vehicle that fails to comply with all applicable Federal motor vehicle safety standards.

We have received Ford's proposed owner notification letter and it is currently under review. You will be notified of any changes or concerns once our review is complete.

Please be reminded of the following requirements:

Copies of all notices, bulletins, dealer notifications, and other communications that relate to this recall, including a copy of the final owner notification letter and any subsequent owner follow-up notification letter(s), are required to be submitted to this office no later than 5 days after they are originally sent (if they are sent to more than one manufacturer, distributor, dealer, or purchaser/owner).

As stated in Part 573.7, submission of the first of six consecutive quarterly status reports is required within one month after the close of the calendar quarter in which notification to purchasers occurs. Therefore, the first quarterly report will be due on, or before, 30 days after the close of the calendar quarter.

Your contact for this recall will be Sarah Mcshane who may be reached by phone at 202-366-7401, or by email at sarah.mcshane@dot.gov or through the office email at rmd.odi@dot.gov. We look forward to working with you.

Sincerely,




Jennifer Timian  
 Chief, Recall Management Division  
 Office of Defects Investigations  
 Enforcement



OMB Control No.: 2127-0004

# Part 573 Safety Recall Report

## 17V-168

<p><b>Manufacturer Name :</b> Ford Motor Company  <b>Submission Date :</b> MAR 13, 2017  <b>NHTSA Recall No. :</b> 17V-168  <b>Manufacturer Recall No. :</b> 17C04</p>		
<p><b>Manufacturer Information :</b>                  Manufacturer Name : Ford Motors America                  Address : 330 Town Center Drive                  Suite 500 Dearborn MI                  48126-2738                  Company phone : 1-866-436-7332</p>	<p><b>Population :</b>                  Number of potentially 5,470                  involved :                  Estimated percentage NR                  with defect :</p>	

**Vehicle Information :**

Vehicle 1 :2017-2017 Ford Mustang

Vehicle Type :LIGHT VEHICLES

Body Style :

Power Train :NR

Descriptive Information :On 2017 Mustang vehicles built between January 13, 2017,and January 31, 2017, lefthand interior door handles may have been built with a mis-oriented return spring.

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 :JAN 13, 2017 - JAN 31, 2017

VIN Range 1 :Begin : NR End : NR

 Not sequential

**Description of Noncompliance :**

Description of the Noncompliance :On affected vehicles, the left-hand interior door handle may have been built with a mis-oriented return spring, which could increase the potential for the return spring to become unseated. If the return spring becomes unseated, the door may unlatch when subjected to a 30G inertial load. Ford is not aware of any reports of accident or injury related to this condition.

FMVSS 1 :206 - Door locks and door retention components

FMVSS 2 :NR

Description of the Safety Risk :If the interior door handle return spring is unseated, the inertial loads experienced by the interior door handle may cause the door to unlatch during a side impact, increasing the risk of injury in a crash.

Description of the Cause:The Tier-2 supplier's production process for the Inner Door Release Handle Assembly includes a validation sensor that confirms the correct orientation of the return spring. On the suspect vehicles, the inner door handle release spring assembly may have had the return spring improperly oriented due to the spring validation sensor not functioning properly during the door handle assembly process.

Identification of Any Warning that can Occur :None

**Supplier Identification :****Component Manufacturer**

Name :Key Plastics  
Address :12367 MT. OLIVET RD  
FELTON PENNSYLVANIA 17322  
Country :United States

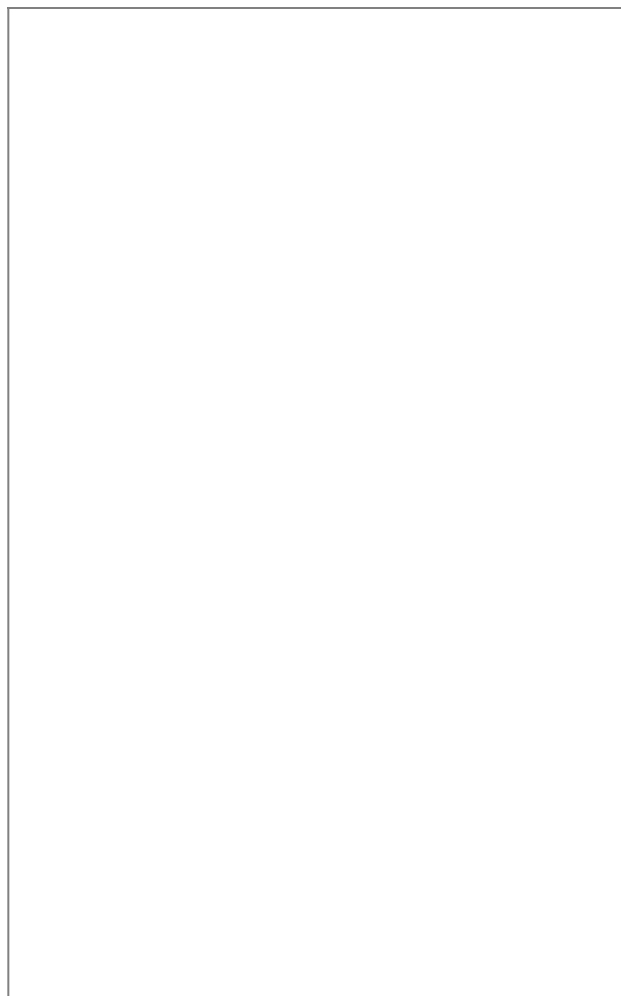
**Chronology :**

January 2017: The Tier-2 supplier discovered a missing spring on a left-hand Inner Door Release Handle Assembly for 2017 Mustang vehicles and initiated an internal investigation. Subsequently, the Tier-1 supplier found Inner Door Release Handle Assemblies with missing springs, and initiated an internal quarantine of incoming stock from the Tier-2 supplier. Additionally, Ford Flat Rock Assembly Plant (FRAP) discovered a vehicle with a loose spring inside the door trim panel and initiated containment and inspection of all door trim panel assemblies. An inspection of 843 vehicles at FRAP identified 14 vehicles with incorrectly oriented or missing return springs.

February 2017: This concern was reviewed in the Critical Concerns Review Group (CCRG) for assessment of Federal Motor Vehicle Safety Standard (FMVSS) 206. Engineering conducted a 30G Inertial Load Resistance Calculation on the door latch system with the absence of the interior door handle return spring. Based on the engineering calculation, the decision was made to conduct dynamic testing to evaluate door latch performance with a missing return spring.

March 2017: Ford Crash Safety conducted dynamic tests to determine door performance with the absence of the interior door handle spring subjected to a load of 30G as specified in F/CMVSS 206 S4.1.1.4. Dynamic testing was conducted in both the longitudinal and transverse axis of the vehicle. Test results showed door latch disengagement from the latch position in transverse/side impacts (left-hand or right-hand direction of the driver side door).

On March 13, 2017, Ford's Field Review Committee reviewed the concern and approved a field action.

**Description of Remedy :**

Description Owners will be notified by mail of Remedy and instructed to take their Program : vehicle to a Ford or Lincoln dealer to have the left-hand interior door handle inspected for a missing or incorrectly oriented return spring and repaired if necessary. 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 N/A

Component

Differs from

Recalled

Component :

Identify N/A

How/When

Recall

Condition

was

Corrected in

Production :

**Recall Schedule :**

Description of Recall Notification to dealers Schedule : is expected to occur on March 14, 2017. Mailing of owner notification letters is expected to begin April 24, 2017 and is expected to be completed by April 28, 2017.

Planned Dealer MAR 14, 2017 - MAR Notification Date : 14, 2017

Planned Owner APR 24, 2017 - APR Notification Date : 28, 2017

\* NR - Not Reported

The information contained in this report was submitted pursuant to 49 CFR §573

