

Part 573 Safety Recall Report**15V-339****Manufacturer Name :** Ford Motor Company**Submission Date :** MAY 26,2015**NHTSA Recall No. :** 15V-339**Manufacturer Recall No. :** 15S19**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 : 19,095

Estimated percentage with defect : 0

Vehicle Information :

Vehicle : 2015-2015 Ford Mustang

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : GAS

Descriptive Information : Affected vehicles are equipped with 2.3L engines.

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 : FEB 14, 2014 - FEB 10, 2015

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

 Not sequential VINs**Description of Defect :**

Description of the Defect : Prolonged exposure to elevated underbody temperatures can cause degradation of the fuel tank and/or fuel vapor lines, which may eventually result in a fuel leak. In addition, this condition could cause seals in the parking brake cable to degrade, potentially affecting parking brake function.

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

Description of the Safety Risk : A fuel leak in the presence of an ignition source increases the risk of a fire. Degraded parking brake function could potentially result in unexpected vehicle movement, which may increase the risk of injury.

Description of the Cause : NR

Identification of Any Warning that can Occur : A malfunction indicator lamp (MIL) may illuminate, or a fuel odor or liquid fuel may be observed.

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

February - March 2015 – During thermal management development testing of a future model year European version Mustang, Ford observed elevated fuel tank surface temperatures. These results were inconsistent with the results from testing that was completed prior to vehicle production. To investigate, Ford performed additional thermal management testing on all engine variants and multiple vehicles in the wind tunnel.

Ford conducted a review of underbody components to identify any that may be susceptible to elevated underbody temperatures. The fuel tank, fuel vapor lines and parking brake cable seals were identified as being potentially affected.

March - April 2015 – Ford conducted on-road testing on all engine variants to correlate wind tunnel testing and on-road performance. The on-road testing indicated that the underbody temperatures were much lower than those previously recorded in the wind tunnel tests.

April - May 2015 – Ford conducted additional testing to correlate the wind tunnel conditions to the on-road evaluations previously completed. This enabled a more complete assessment of vehicle level performance in the wind tunnel. These evaluations included assessment and testing of various engine malfunction modes where engine exhaust gas temperatures are elevated as a result of raw fuel entering the exhaust.

Based on the results of the on-road, wind tunnel and engine malfunction testing, the 2.3L engine underbody temperatures in the areas of the fuel tank, fuel vapor lines and parking brake cable exceeded Ford's maximum design temperature requirements for those components.

On May 18, 2015, 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 fuel tank shield replaced, thermal patches added to the fuel tank and parking brake cable, and thermal wraps added to the fuel vapor lines. 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 : NR

Identify How/When Recall Condition was Corrected in Production : NR

Recall Schedule :

Description of Recall Schedule : Notification to dealers will occur on May 26, 2015. Mailing of owner notification letters will begin July 6, 2015 and is expected to be completed by July 10, 2015.

Planned Dealer Notification Date : MAY 26, 2015 - MAY 26, 2015

Planned Owner Notification Date : JUL 06, 2015 - JUL 10, 2015

* NR - Not Reported