

# Part 573 Safety Recall Report

# 18E-035

**Manufacturer Name :** Roush Performance Products, Inc.

**Submission Date :** MAY 24, 2018

**NHTSA Recall No. :** 18E-035

**Manufacturer Recall No. :** REMay2018



## Manufacturer Information :

## Population :

**Manufacturer Name :** Roush Performance Products, Inc.

**Number of potentially involved :** 146

**Address :** 12445 Levan Road

**Estimated percentage with defect :** 100 %

**Livonia MI 48150**

**Company phone :** 800-597-6874

## Equipment Information :

**Brand / Trade 1 :** ROUSH

**Model :** 2018 Mustang Supercharger Kit

**Part No. :** R1318-6006P1-AA

**Size :** NR

**Function :** NR

**Descriptive Information :** The item of replacement equipment being recalled is the new Supercharger kit for 2018 Ford Mustangs. ROUSH and its supplier conducted an investigation, revealing that the fuel rail subassemblies in the 2018 Supercharger kit were manufactured out of specification. ROUSH produced and shipped one hundred forty-six (146) 2018 Supercharger kits from the start of production on March 15, 2018 up until the cancellation of production on April 23, 2018. ROUSH believes that 33 of the 146 2018 Supercharger kits were installed on vehicles. The remaining 113 Supercharger kits are uninstalled.

**Production Dates :** MAR 05, 2018 - APR 23, 2018

## Description of Defect :

**Description of the Defect :** The fuel rail subassemblies in the 2018 Supercharger kit include out-of-specification hose barb fittings which may have led to the damage of the fuel line hoses when they were attached to the rail's hose barb fittings during the hand subassembly process. If a fuel line hose is damaged where it interfaces with the hose barb fitting, fuel could leak.

**FMVSS 1 :** NR

**FMVSS 2 :** NR

**Description of the Safety Risk :** A damaged fuel line may leak which could then result in a possible fire.

**Description of the Cause :** The fuel rail subassemblies were manufactured by TI Automotive LLC and supplied to ROUSH. The hose barb fittings on the fuel rails incorrectly included

Identification of Any Warning that can Occur : NR

a non-specified hose chamfer on the leading edge of the hose barb fitting opening. The edge of the non-specified hose barb fitting chamfer can contact and potentially damage the fuel hose during the manual assembly process if the fuel hose is not correctly oriented to the hose barb fitting. A properly aligned fuel hose would not be damaged in any way, however, a misaligned fuel hose in conjunction with the sharp leading edge of the inserted component increases the risk for damage to the fuel hose.

## Supplier Identification :

### Component Manufacturer

Name : TI Automotive LLC  
Address : 925 N Main St  
Ligonier INDIANA 46767  
Country : United States

## Chronology :

On April 18, 2018 ROUSH was notified by a vehicle owner stating that the newly-installed fuel rail (a subassembly of the ROUSH 2018 Supercharger kit) was leaking on that vehicle. ROUSH conducted an inspection of its inventory of the fuel rail subassemblies. On April 23, 2018 ROUSH notified its supplier, TI Automotive, about the leak complaint and it halted all manufacturing of the kits pending the completion of its investigation. On April 27, 2018 TI Automotive communicated its interim findings and recommendations to ROUSH about further preliminary containment and corrective actions. ROUSH and TI Automotive continued their investigations. After further consideration of the issues, in May ROUSH decided to conduct a safety recall addressing this issue.

## Description of Remedy :

Description of Remedy Program : ROUSH will replace the defective fuel rail subassemblies with new subassemblies at no cost to the owner regarding parts or labor. The new replacement fuel rail subassemblies will have the correct specified hose barb fittings (without the chamfer edge) and will be assembled by TI Automotive using fixtures and processes designed to prevent misalignment of the fuel hose.

How Remedy Component Differs from Recalled Component : The replacement hose barb fitting will not have the chamfer edge. In addition, the subassembly process at TI Automotive will include assembly fixtures and processes designed to prevent any misalignment of the fuel hose.

Identify How/When Recall Condition was Corrected in Production : ROUSH will begin to manufacture Supercharger kits containing new, in-specification fuel rail subassemblies during the week of May 29, 2018.

## Recall Schedule :

Description of Recall Schedule : NR  
Planned Dealer Notification Date : MAY 25, 2018 - MAY 29, 2018  
Planned Owner Notification Date : JUN 04, 2018 - JUN 11, 2018

## Purchaser Information :

The following manufacturers purchased this defective/noncompliant equipment for possible use or installation in new motor vehicles or new items of motor vehicle equipment:

Name : NR  
Address : NR  
NR  
Country : NR  
Company Phone : NR

\* NR - Not Reported