

Part 573 Safety Recall Report

20E-026

Manufacturer Name : DENSO International America, Inc.

Submission Date : APR 27, 2020

NHTSA Recall No. : 20E-026

Manufacturer Recall No. : NR



Manufacturer Information :

Manufacturer Name : DENSO International America, Inc.

Address : 24777 DENSO Drive

Southfield MI 48033

Company phone : 999

Population :

Number of potentially involved : 2,020,000

Estimated percentage with defect : NR

Equipment Information :

Brand / Trade 1 : DENSO

Model : Fuel Pump

Part No. : Various Part Numbers

Size : N/A

Function : Fuel Supply

Descriptive Information : The low-pressure fuel pump is located in the fuel tank and supplies fuel pressure to the fuel injection system.

Production Dates : SEP 01, 2017 - OCT 06, 2018

Description of Defect :

Description of the Defect : An impeller in some low pressure fuel pumps may become deformed under certain conditions which could render the fuel pump inoperable.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If an impeller deforms to a point that creates sufficient interference with the fuel pump body, the fuel pump becomes inoperative. According to vehicle manufacturer's system evaluation, an inoperative fuel pump may result in the illumination of the check engine light and/or master warning indicators, rough engine running, engine no start and/or vehicle stall while driving at low speed and, in rare instances, a vehicle stall could occur while driving at higher speeds, increasing the risk of a crash.

Description of the Cause : Under current knowledge, if an impeller is manufactured with a lower density, and contains a lower surface strength or is exposed to production solvent drying for a longer period of time, higher levels of surface cracking may occur which, when excessive fuel absorption occurs, may result in impeller

deformation. Geographic location and vehicle applications influence the potential for deformation resulting in fuel pump inoperability.

Identification of Any Warning that can Occur : According to vehicle manufacturer's system evaluation, an inoperative fuel pump results in the illumination of the check engine light and/or master warning indicators, rough running, or no start, all of which are indicators that service is required.

Involved Components :

Component Name : NR

Component Description : NR

Component Part Number : NR

Supplier Identification :

Component Manufacturer

Name : DENSO International America, Inc.

Address : 24777 Denso Drive
Southfield MICHIGAN 48086

Country : United States

Chronology :

Please see attached DIR report for detail

Description of Remedy :

Description of Remedy Program : The remedy program, if any, will be determined by vehicle manufacturers.

How Remedy Component Differs from Recalled Component : The impeller of fuel pumps utilized for a remedy component have higher density.

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

Recall Schedule :

Description of Recall Schedule : The recall schedule will be decided by vehicle manufacturers.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

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 : Ford Motor Company

Address : 1 American Rd
Dearborn MI 48126

Country : US

Company Phone : 8003923673

Name : American Honda Motor Co., Inc.

Address : 1919 Torrance Blvd.
Torrance CA 90501-2746

Country : US

Company Phone : NR

Name : Ford Motor Company

Address : 1 American Rd
Dearborn MI 48126

Country : US

Company Phone :

Name : Mazda North American Operations

Address : 1025 Connecticut Avenue, NW
Washington DC 20036

Country : US

Company Phone : NR

Name : Magnuson Products, LLC

Address : 1990 Knoll Drive, Building A
Ventura CA 93003

Country : US

Company Phone : 8056428833

Name : Subaru of America, Inc.

Address : One Subaru Drive
Camden NJ 08103

Country : US

Company Phone : 8564888500

Name : Toyota Motor North America, Inc.

Address : 6565 Headquarters Drive
Plano TX 75024

Country : US

Company Phone : 4692924000

Name : Mitsubishi Motors North America, Inc.

Address : 4015 Aspen Grove Dr
Franklin TN 37067

Country : US

Company Phone : 8654414166

* NR - Not Reported