

Part 573 Safety Recall Report

22E-038

Manufacturer Name : Plastic Omnium

Submission Date : MAY 13, 2022

NHTSA Recall No. : 22E-038

Manufacturer Recall No. : NR



Manufacturer Information :

Manufacturer Name : Plastic Omnium

Address : 2710 Bellingham Dr

Troy MI 48083

Company phone : 7347413492

Population :

Number of potentially involved : 41,409

Estimated percentage with defect : 1 %

Equipment Information :

Brand / Trade 1 : Fuel Tank Assembly

Model : FWD ORVR

Part No. : 17201 6RE0B

Size : NR

Function : NR

Descriptive Information : Plastic Omnium makes this submission at NHTSA's request based on the recall of vehicles by Nissan North America, Inc. (21V957) and Mitsubishi Motors North America, Inc. (22V027) that were equipped with Plastic Omnium fuel systems (P/Ns 172016RE0B, 172016RE1B, 1700B771V, and 1700B773V) that incorporated TI Automotive fuel-pump modules (P/Ns 1760A634, 1760A6341, 17040 6RE0A, and 17040 6RE1A). As explained by Nissan and Mitsubishi, the fuel-pump modules may have been subject to an inappropriate manufacturing process at TI Automotive. Plastic Omnium only supplied fuel systems with the suspect fuel-pump modules to Nissan and Mitsubishi. Each fuel system part number is specifically designed for each OEM (Nissan/Mitsubishi) and is not shipped to other OEM's.

The total number of potentially affected parts specified herein is the number of fuel systems incorporating the suspect fuel-pump modules that Plastic Omnium supplied to the recalling vehicle manufacturers and that were manufactured within the identified production ranges.

The information provided herein is based on information available to Plastic Omnium at the time of the submission and may not include all information available to the vehicle manufacturers.

Production Dates : OCT 16, 2020 - MAY 21, 2021

Brand / Trade 2 : Fuel Tank Assembly

Model : AWD ORVR

Part No. : 17201 6RE1B

Size : NR

Function : NR

Descriptive Information : Plastic Omnium makes this submission at NHTSA's request based on the recall of vehicles by Nissan North America, Inc. (21V957) and Mitsubishi Motors North America, Inc. (22V027) that were equipped with Plastic Omnium fuel systems (P/Ns 172016RE0B, 172016RE1B, 1700B771V, and 1700B773V) that incorporated TI Automotive fuel-pump modules (P/Ns 1760A634, 1760A6341, 17040 6RE0A, and 17040 6RE1A). As explained by Nissan and Mitsubishi, the fuel-pump modules may have been subject to an inappropriate manufacturing process at TI Automotive. Plastic Omnium only supplied fuel systems with the suspect fuel-pump modules to Nissan and Mitsubishi. Each fuel system part number is specifically designed for each OEM (Nissan/Mitsubishi) and is not shipped to other OEM's.

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Production Dates : OCT 16, 2020 - MAY 21, 2021

Brand / Trade 3 : Fuel Tank Assembly

Model : FWD

Part No. : 1700B771V

Size : NR

Function : NR

Descriptive Information : Plastic Omnium makes this submission at NHTSA's request based on the recall of vehicles by Nissan North America, Inc. (21V957) and Mitsubishi Motors North America, Inc. (22V027) that were equipped with Plastic Omnium fuel systems (P/Ns 172016RE0B, 172016RE1B, 1700B771V, and 1700B773V) that incorporated TI Automotive fuel-pump modules (P/Ns 1760A634, 1760A6341, 17040 6RE0A, and 17040 6RE1A). As explained by Nissan and Mitsubishi, the fuel-pump modules may have been subject to an inappropriate manufacturing process at TI Automotive. Plastic Omnium only supplied fuel systems with the suspect fuel-pump modules to Nissan and Mitsubishi. Each fuel system part number is specifically designed for each OEM (Nissan/Mitsubishi) and is not shipped to other OEM's.

The total number of potentially affected parts specified herein is the number of fuel systems incorporating the suspect fuel-pump modules that Plastic Omnium supplied to the recalling vehicle manufacturers and that were manufactured within the identified production ranges.

The information provided herein is based on information available to Plastic Omnium at the time of the submission and may not include all information available to the vehicle manufacturers.

Production Dates : FEB 28, 2021 - OCT 12, 2021

Brand / Trade 4 : Fuel Tank Assembly

Model : AWD

Part No. : 1700B773V

Size : NR

Function : NR

Descriptive Information : Plastic Omnium makes this submission at NHTSA's request based on the recall of vehicles by Nissan North America, Inc. (21V957) and Mitsubishi Motors North America, Inc. (22V027) that were equipped with Plastic Omnium fuel systems (P/Ns 172016RE0B, 172016RE1B, 1700B771V, and 1700B773V) that incorporated TI Automotive fuel-pump modules (P/Ns 1760A634, 1760A6341, 17040 6RE0A, and 17040 6RE1A). As explained by Nissan and Mitsubishi, the fuel-pump modules may have been subject to an inappropriate manufacturing process at TI Automotive. Plastic Omnium only supplied fuel systems with the suspect fuel-pump modules to Nissan and Mitsubishi. Each fuel system part number is specifically designed for each OEM (Nissan/Mitsubishi) and is not shipped to other OEM's.

The total number of potentially affected parts specified herein is the number of fuel systems incorporating the suspect fuel-pump modules that Plastic Omnium supplied to the recalling vehicle manufacturers and that were manufactured within the identified production ranges.

The information provided herein is based on information available to Plastic Omnium at the time of the submission and may not include all information available to the vehicle manufacturers.

Production Dates : FEB 08, 2021 - OCT 12, 2021

Description of Defect :

Description of the Defect : As stated by Nissan and Mitsubishi in 21V957 and 22V027, due to inappropriate manufacturing process at the supplier, the commutator and wires in the fuel pump may not be fused correctly during production, resulting in poor continuity. As a result, the commutator and the brushes in the fuel pump could wear abnormally in use, causing the fuel pump to be inoperative. If this occurs, the engine may stall while driving or cannot be started.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : As stated by Nissan and Mitsubishi in 21V957 and 22V027, if the fuel pump does not operate, the engine may stall while driving, which increases risk of a crash

Description of the Cause : Reference Nissan Recall Report 21V-957
Reference Mitsubishi Recall Report 22V-027

Identification of Any Warning that can Occur : Reference Nissan Recall Report 21V-957
Reference Mitsubishi Recall Report 22V 027

Involved Components :

Component Name : Fuel Pump Module

Component Description : Fuel Pump (2WD)

Component Part Number : 1760A634

Component Name : Fuel Pump Module

Component Description : Fuel Pump (4WD)

Component Part Number : 1760A631

Component Name : Fuel Pump Module

Component Description : Fuel Pump (2WD)

Component Part Number : 17040 6RE0A

Component Name : Fuel Pump Module

Component Description : Fuel Pump (4WD)

Component Part Number : 17040 6RE1A

Supplier Identification :

Component Manufacturer

Name : TI Automotive Japan Gunma Ltd.

Address : 1-23-1 Kunisadacho

Isesaki-shi Gunma-ken Foreign States 379-221

Country : Japan

Chronology :

December 9th, 2021: Nissan North America Inc filed a Part 573 defect information report identifying a defect in certain Nissan Rogue Vehicles. (See Recall No. 21V-957)

Feb 3rd, 2022: Mitsubishi Motors North America Inc filed a Part 573 defect information report identifying a defect in certain Mitsubishi Outlander Vehicles. (See Recall No. 22V-027)

March - April, 2022 - NHTSA contacted Plastic Omnium in regards to the above recalls. Plastic Omnium contacted the OEM's in regards to the recalls and worked with NHTSA to obtain information requested.

May 1st, 2022: Based on NHTSA's request and the two recall reports submitted by two vehicle manufacturers Nissan and Mitsubishi, Plastic Omnium agreed to submit a defect information report under 49 CFR 573.3(f) due to the safety-related defect determinations made by its customers, Nissan and Mitsubishi, concerning the component from TI Automotive. Plastic Omnium's understanding is that Nissan and Mitsubishi are working directly with TI Automotive on any defects related to this concern.

Description of Remedy :

Description of Remedy Program : Nissan and Mitsubishi will be determining remedy. Reference Nissan Recall report 21V-957 and Mitsubishi Recall report 22V-027

How Remedy Component Differs from Recalled Component : NR

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

Recall Schedule :

Description of Recall Schedule : Recall Schedule and notification to be managed by Nissan and Mitsubishi. Reference Nissan Recall report 21V-957 and Mitsubishi Recall report 22V-027

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 : Mitsubishi Motors

Address : NR

00

Country : JP

Company Phone : NR

Name : Nissan Motor Co

Address : NR

Kyushu 00

Country : JP

Company Phone : NR

* NR - Not Reported