

Part 573 Safety Recall Report

20V-278

Manufacturer Name : Vantage Mobility International, LLC

Submission Date : MAY 15, 2020

NHTSA Recall No. : 20V-278

Manufacturer Recall No. : NR



Manufacturer Information :

Manufacturer Name : Vantage Mobility International, LLC

Address : 5202 S. 28th Place

Phoenix AZ 85040

Company phone : 602-304-3265

Population :

Number of potentially involved : 122

Estimated percentage with defect : 100 %

Vehicle Alterer Information :

Vehicle 1 : 2016-2019 DODGE GRAND CARAVAN

Descriptive Information : 127 DODGE GRAND CARAVAN VEHICLES WERE CONVERTED USING GASKET SPEC'D TO INCORRECT MATERIAL TYPE. AS OF 10/3/19 NEW MATERIAL WAS AVAILABLE AND BEGAN TO BE USED ON PRODUCT AND REWORK OF ANY VEHICLES ON-SITE WAS COMPLETED, THIS ACCOUNTED FOR 5 VEHICLES.

Production Dates : NOV 29, 2018 - OCT 03, 2019

Description of Defect :

Description of the Defect : FUEL TANK GASKET DETERIORATED CAUSING INTERFERENCE WITH FUEL LEVEL FLOAT THUS LEADING TO FUEL GAUGE TO READ INCORRECTLY AND VEHICLE LOSS OF POWER; 15 WARRANTY CLAIMS IN TOTAL, 1 FOR FUEL GAUGE ACCURACY, 9 FOR EVAP SYSTEM LEAKS, AND 5 FOR VISUAL LEAKS.

FMVSS 1 : 301 - Fuel system integrity

FMVSS 2 : NR

Description of the Safety Risk : FUEL COULD POTENTIALLY LEAK AND COULD CONTRIBUTE TO A POTENTIAL FIRE/EXPLOSION

Description of the Cause : INCORRECT MATERIAL WAS USED IN MAKING FUEL PUMP GASKET

Identification of Any Warning that can Occur : FUEL SMELL AROUND FRONT DOORS OR CABIN; FUEL PUDDLE ON GROUND UNDERNEATH VEHICLE BELOW THE TANK; VEHICLE LOSS OF POWER; DTC CODES

Involved Components :

Component Name : FUEL PUMP GASKET

Component Description : NR

Component Part Number : FP6510

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

RE-OCCURRENCE OF CLAIMS OF GASKET REPLACEMENT FOR FUEL TANK; 15 CLAIM IN TOTAL: 1 FOR FUEL GAUGE INACCURACY. 9 FOR EVAP SYSTEM LEAKS AND 5 FOR VISUAL LEAK. ECO 1901127 WAS RELEASED ON 9/24/209 FOR NEW MATERIAL TO BE USED ON GASKET, FP6510. WENT FROM NEOPRENE TO VITON. HAD COMPLETED TESTING OF CURRENT AND PROPOSED BY SUBMERSING IN GASOLINE FOR 36 HRS, THEN INSTALLING IT LIKE NORMAL AND TESTED TO 5 PSI PRESSURE TO SEE IF LEAKAGE OCCURRED. GASKET OUT OF VITON MATERIAL HAD NO ISSUES OR DISTORTION. NEOPRENE HAD DISTORTION AND SWELLING AFTER THIS PERIOD OF SOAK; THUS LEADING TO FAILURES NOTED.

Description of Remedy :

Description of Remedy Program : VMI DETERMINED THAT INCORRECT MATERIAL WAS SPEC'D AND COMPLETED INTERNAL TESTING ALONG WITH DATA SHEETS ON MATERIALS TO DETERMINE VITON MATERIAL WAS DESIRED MATERIAL TO BE USED ON FUEL GASKET. THE NEW GASKET WILL BE MADE AVAILABLE TO SERVICE FACILITY ALONG WITH WORK INSTRUCTIONS. VMI WILL PROVIDE ALL PARTS AT NO CHARGE TO CUSTOMER. VMI WILL PROVIDE ALL SHIPPING AT NO CHARGE TO CUSTOMER. VMI WILL REIMBURSE REPAIR FACILITY FOR THE LABOR REQUIRED TO REMOVE AND REPLACE THE FUEL TANK, LINES AND SHIELD AT REPAIR FACILITY STANDARD LABOR RATE.

How Remedy Component Differs from Recalled Component : THE REMEDY IS NEW VERSION, REVISION D, FP6510 FUEL PUMP GASKET THAT IS MADE OUT OF VITON MATERIAL.

Identify How/When Recall Condition was Corrected in Production : ON 10/3/2019, PRODUCTION LINE STARTED USING NEW REVISION D PARTS AND REWORKED ANY VEHICLES ON SITE.

Recall Schedule :

Description of Recall Schedule : LETTERS TO GO OUT TO OWNERS AND DEALERS BY 5/27/2020

Planned Dealer Notification Date : MAY 29, 2020 - MAY 29, 2020

Planned Owner Notification Date : MAY 29, 2020 - MAY 29, 2020

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 :

Address :

Country :

Company Phone :

* NR - Not Reported