

Part 573 Safety Recall Report

17V-482

Manufacturer Name : Vantage Mobility International, LLC**Submission Date :** AUG 30, 2017**NHTSA Recall No. :** 17V-482**Manufacturer Recall No. :** PAC20170728**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 : 524

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2017-2017 Chrysler Pacifica

Vehicle Type : LIGHT VEHICLES

Body Style : VAN

Power Train : GAS

Descriptive Information : Recall population was determined by tallying up all Pacifica's that have been built and shipped by VMI. The recall products are fielded units. All affected units in inventory at the factory have been quarantined and shipping was stopped as of 7/25. The recalled products differ from all other product in design. This design is unique to the Pacifica

Production Dates : JUL 29, 2016 - JUL 25, 2017

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : The left and right side rear pinion bracket assemblies crack

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : This may lead to loss of control as the wheel will remain attached to the vehicle but will no longer be centered on the axle. It will move back in the wheel well opening and will be prone to wobble

Description of the Cause : the rear pinion brackets fatigue due to excessive load and crack

Identification of Any Warning that can Occur : slight vibration emanating from one or both of the rear wheels and or poor handling

Supplier Identification :

Component Manufacturer

Name : Vantage Mobility International
Address : 5202 S 28th Place
Phoenix ARIZONA 85040
Country : United States

Chronology :

We received one complaint from one of our dealers that a customer had experienced their van handling poorly and took it to our dealer where the dealer noticed a visible displacement of the rear wheel. Upon inspecting the van on a lift, the technician found the failed bracket and in checking the other side saw it was failing as well. A few days later another dealer called with a similar experience and outcome. After the second complaint, VMI decided hold any further shipments in order to confirm that a defect existed and, if warranted, investigate a remedy.

Description of Remedy :

Description of Remedy Program :	VMI will be replacing all pinion brackets with a newly designed bracket that has been tested and proven in multiple simulations.
How Remedy Component Differs from Recalled Component :	The recalled part numbers are WA5247 and WA5249. These will be replaced by part numbers WA5322 and WA5323 respectively. The replacement parts differ from the defective parts in that they have reinforcing rod welded around the outside and inside edges. The replacement parts also have a much wider reinforcing lip with smoother radiuses
Identify How/When Recall Condition was Corrected in Production :	All production units are being quarantined pending identification and implementation of the solution. Upon identification of the solution new parts/process will be implemented and a date of compliance will be recorded.

Recall Schedule :

Description of Recall Schedule :	Dealer notification will begin within 5 days of acceptance of this filing. If a remedy has not been identified by that time we will issue an interim notice and follow up with a standard recall upon a confirmed solution and parts availability. Owner notification will begin no later than 30 days from date of acceptance and will include an interim notice if necessary.
Planned Dealer Notification Date :	AUG 07, 2017 - OCT 02, 2017
Planned Owner Notification Date :	AUG 14, 2017 - OCT 02, 2017

* NR - Not Reported