

Part 573 Safety Recall Report**14V-632****Manufacturer Name :** Chrysler Group LLC**Submission Date :** OCT 07,2014**NHTSA Recall No. :** 14V-632**Manufacturer Recall No. :** P63**Manufacturer Information :**

Manufacturer Name : Chrysler Group LLC

Address : 800 Chrysler Drive

CIMS 482-00-91 Auburn Hills MI 48326-2757

Company phone : 1-800-853-1403

Population :

Number of potentially involved : 10,390

Estimated percentage with defect : 100

Vehicle Information :

Vehicle : 2014-2014 Chrysler Town and Country

Vehicle Type : LIGHT VEHICLES

Body Style : VAN

Power Train : GAS

Descriptive Information : Town and Country

Production Dates : MAR 20, 2014 - APR 22, 2014

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

 Not sequential VINs

Vehicle : 2014-2014 Dodge Grand Caravan

Vehicle Type : LIGHT VEHICLES

Body Style : VAN

Power Train : GAS

Descriptive Information : Grand Caravan

Production Dates : MAR 20, 2014 - APR 22, 2014

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

 Not sequential VINs

Vehicle : 2014-2014 Jeep Wrangler

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : Jeep Wrangler

Production Dates : MAR 21, 2014 - APR 22, 2014

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

 Not sequential VINs**Description of Defect :**

Description of the Defect : Some Jeep Wrangler, Chrysler Town & Country and Dodge Caravan vehicles have the Tire Pressure Monitor (TPM) module gain-mode override bit turned "on" when it should be turned "off", resulting in tire localization failures that illuminates the TPM telltale and displays a "Low Tire Pressure " message.

Description of the Safety Risk : This condition could mask an actual low tire pressure condition which may result in an un-safe driving condition.

Description of the Cause : NR

Identification of Any Warning that can Occur : TPMS Telltale

Supplier Identification :**Component Manufacturer**

Name : Schrader Electronics

Address : 1940 Opdyke Ct

Auburn Hills MI 483260000

Country : US

Chronology :

Increased incidents of TPM telltale illumination and "Low Tire Pressure" in EVIC on JK and RT vehicles in the field was traced back to the supplier failing to turn off the gain-mode override bit after TPM module testing during TPM assembly, prior to shipment to Chrysler.

FMVSS 138 requires that the tire pressure monitoring system must illuminate a low tire pressure warning telltale after the inflation pressure in one or more of the vehicle's tires falls below a certain threshold, and shall continue to illuminate the low tire pressure warning telltale as long as the pressure in any of the vehicle's tires is equal to or below the threshold pressure.

With the gain-mode override bit turned "on", the TPM will not localize (i.e., will not automatically learn the individual TPM sensor locations while the vehicle is being driven). When the TPM fails to localize, the TPM system illuminates the telltale and displays a "low Tire Pressure" message, regardless of whether any of the vehicle's tires is actually equal to or below the threshold pressure.

Also, with the gain-mode override bit turned "on", the TPM may display a false low tire pressure warning telltale. While a false warning telltale is displayed, it could mask an actual low tire pressure warning telltale (since it would already be falsely illuminated), and such false telltale may not turn off once the actual low tire pressure exceeds the threshold pressure.

The suspect period was established as March 21, 2014 to April 12, 2014 at Toledo South Assembly Plant and March 20, 2014 to April 22, 2014, at Windsor Assembly Plant.

Description of Remedy :

Description of Remedy Program : Chrysler will conduct a voluntary noncompliance recall to reconfigure the gain-mode override bit setting to "Off" using WiTech tool routine on all affected vehicles.

Chrysler has a longstanding policy and practice of reimbursing owners who have incurred the cost of repairing a problem that subsequently becomes the subject of a field action. To ensure consistency, Chrysler, as part of the owner letter, will request that customers send the original receipt and/or other adequate proof of payment to the company for confirmation of the expense.

How Remedy Component Differs from Recalled Component : NR

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

Recall Schedule :

Description of Recall Schedule : NR

Planned Dealer Notification Date : NOV 28, 2014 - NOV 28, 2014

Planned Owner Notification Date : NOV 28, 2014 - NOV 28, 2014

* NR - Not Reported