

# Part 573 Safety Recall Report

# 17V-400

**Manufacturer Name :** Volkswagen Group of America, Inc.

**Submission Date :** JUN 26, 2017

**NHTSA Recall No. :** 17V-400

**Manufacturer Recall No. :** 45G6



## Manufacturer Information :

## Population :

**Manufacturer Name :** Volkswagen Group of America, Inc.

**Number of potentially involved :** 24,754

**Address :** 3800 Hamlin Road

**Estimated percentage with defect :** 100 %

Auburn Hills MI 48326

**Company phone :** 1-800-893-5298

## Vehicle Information :

**Vehicle 1 :** 2016-2017 Audi Q3

**Vehicle Type :** LIGHT VEHICLES

**Body Style :**

**Power Train :** NR

**Descriptive Information :** 2016-2017 Audi Q3

**Production Dates :** FEB 18, 2015 - SEP 16, 2016

**VIN Range 1 : Begin :** WA1BFCFS5GR000030 **End :** WA1JCCFS4HR005726  Not sequential

## Description of Noncompliance :

**Description of the Noncompliance :** If the parking brake is used during emergency braking, the brake lights on the vehicle will not activate. Vehicles approaching from behind will not be warned about the emergency braking that is taking place, and this can lead to a rear-end crash. The brake system is not affected by this issue; it is only the brake lights at the rear of the vehicle that will not activate in these rare cases where the parking brake is used for emergency braking. This issue makes the braking system non-compliant with regulatory requirements.

**FMVSS 1 :** 108 - Lamps, reflective devices, and assoc. Equipment

**FMVSS 2 :** NR

**Description of the Safety Risk :** Vehicles approaching from behind will not be warned about the emergency braking that is taking place, and this can lead to a rear-end crash.

**Description of the Cause :** This issue is caused by a software error in the gateway control unit, which occurred with a product improvement. The issue causes the brake lights not to activate when the parking brake switch is used during emergency braking. The functionality of the brake system is not affected at any time.

**Identification of Any Warning that can Occur :** None

**Supplier Identification :****Component Manufacturer**

Name : NR  
Address : NR  
NR  
Country : NR

**Chronology :**

March 2016: Issue was discovered during internal testing.  
April 2016: Matter was presented at the Product Safety Committee.  
May 2016 - November 2016: Evaluation of background, assignable cause and remedies, development of new software for implementation.  
December 2016: AUDI AG informs importers about a worldwide service campaign to update gateway software. Only in very rare cases the electromechanical parking brake is used for emergency braking.  
December 2016 - February 2017: VWGoA evaluates technical background and impacts to the US market.  
February 2017: VWGoA informs AUDI AG about possible non-compliance with FMVSS108 and advises a service campaign may not be sufficient.  
February 2017 - May 2017: Further analysis and investigation of the issue with respect to possible non-compliance with FMVSS108, detailed evaluation if wording "stop lamps must be activated upon application of the service brakes" applies to this issue.  
June 2017: Final assessment that electromechanical parking brake might be considered a "service brake" in case of an error with respect to FMVSS108. Product Safety Committee decides to upgrade the service campaign to a recall due to non-compliance.  
Date of determination: June 19, 2017

**Description of Remedy :**

Description of Remedy Program : At no cost to customers, a software update will be performed to correct the non-compliance. No reimbursement program is planned for this recall.  
How Remedy Component Differs from Recalled Component : N/A  
Identify How/When Recall Condition was Corrected in Production : New software was implemented in production in September 2016.

**Recall Schedule :**

Description of Recall Schedule : Anticipated July 2017  
Planned Dealer Notification Date : NR - NR  
Planned Owner Notification Date : NR - NR

\* NR - Not Reported