

Part 573 Safety Recall Report

16V-619

Manufacturer Name : Volkswagen Group of America, Inc.

Submission Date : AUG 22, 2016

NHTSA Recall No. : 16V-619

Manufacturer Recall No. : 80B9



Manufacturer Information :

Manufacturer Name : Volkswagen Group of America, Inc.

Address : 3800 Hamlin Road

Auburn Hills MI 48326

Company phone : 1-800-893-5298

Population :

Number of potentially involved : 9,102

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2010-2013 Audi A8

Vehicle Type :

Body Style : 4-DOOR

Power Train : NR

Descriptive Information : Coolant Valve

Audi A8: 9,102

Production Dates : MAY 15, 2010 - MAY 14, 2012

VIN Range 1 : Begin : WAUAVAFDXBN000581 **End :** WAURVAFD9CN038288 Not sequential

Description of Defect :

Description of the Defect : Over time, it is possible for coolant to leak through a coolant valve wire connection, causing coolant migration into the engine control module. If this happens, it can cause a short circuit, placing the vehicle into "limp-home mode", or possibly even cause a stall without warning.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Stalling can lead to a vehicle crash.

Description of the Cause : Lack of sealing of the plug at the solenoid valve - Short circuit in the solenoid valve because of coolant entry into the sealed-off valve or coil chamber.

Identification of Any Warning that can Occur : The Malfunction Indicator light (MIL) may illuminate along with the engine cooling system warning light. Owners should see the vehicle owner's manual for additional information about vehicle indicator/warning lights.

Supplier Identification :**Component Manufacturer**

Name : MSG-Mechatronic Systems GmbH
Address : AUF DER AUE 11
WIES FOREIGN STATES A-8551
Country : Austria

Chronology :

Audi AG began to receive field reports about malfunctioning coolant valves (coolant valve N488/part number 4H0.121.670) during the spring of 2016. Due to the increase in field complaints, Audi AG launched an investigation to determine the root cause. Results from the investigation revealed a risk of vehicle stalling, and on August 15, 2016 the matter was presented at the Product Safety Committee where a decision to conduct a safety recall was made.

Description of Remedy :

Description of Remedy Program : Replace affected coolant valve and inspect for coolant leak through the valve electrical connector.
How Remedy Component Differs from Recalled Component : Improved part; part number changed to 4H0 121 670 A
Identify How/When Recall Condition was Corrected in Production : Production was corrected since the end of calendar week 22 /2013

Recall Schedule :

Description of Recall Schedule : NR
Planned Dealer Notification Date : OCT 19, 2016 - OCT 19, 2016
Planned Owner Notification Date : OCT 19, 2016 - OCT 19, 2016

* NR - Not Reported