

# Part 573 Safety Recall Report

# 20E-066

**Manufacturer Name :** iSi Automotive Austria GmbH

**Submission Date :** SEP 10, 2020

**NHTSA Recall No. :** 20E-066

**Manufacturer Recall No. :** NR



## Manufacturer Information :

**Manufacturer Name :** iSi Automotive Austria GmbH

**Address :** Scheydgasse 30-32

Vienna 00 1210

**Company phone :** (0)1 24 644 0

## Population :

**Number of potentially involved :** 387

**Estimated percentage with defect :** 100 %

## Equipment Information :

**Brand / Trade 1 :** Audi / Bentley

**Model :** Q7 / Bentayga

**Part No. :** 4M088074x\_36A880741

**Size :** N.A.

**Function :** Curtain Airbag

**Descriptive Information :** Certain Airbag Inflators produced on May 3, 2019 and May 8, 2019 are affected. Affected parts were identified by their individual serial number and the related manufacturing process data records. The parts affected were linked to the respective vehicle identification number (VIN). Parts / vehicles not included in the recall population are not affected.

**Production Dates :** MAY 03, 2019 - MAY 08, 2019

## Description of Defect :

**Description of the Defect :** Due to a manufacturing issue, the side curtain airbags may not inflate properly in a crash. Depending on the vehicle, this may affect the side curtain airbag on the driver's or passenger, or both sides.

**FMVSS 1 :** NR

**FMVSS 2 :** NR

**Description of the Safety Risk :** During an incident, where the side curtain airbag deployment is intended, the additional protection this side curtain airbag provides may not be available, increasing the risk of injury.

**Description of the Cause :** A nozzle used to direct the gas from the airbag inflator into the actual airbag (cushion) was not adequately welded in a specific number of components. In the event of an inadequate welded nozzle, the gas stored in the inflator may not be adequately directed into the cushion to enable a complete deployment of the airbag.

Identification of Any Warning none  
that can Occur :

## Involved Components :

Component Name : BY736 CAB LH

Component Description : Curtain Airbag Left Hand Side for Bentley Bentayga

Component Part Number : 36A 880 741 E

Component Name : AU536 CAB LH

Component Description : Curtain Airbag Module Left Hand Side for Audi Q7

Component Part Number : 4M0 880 741 H

Component Name : AU536 CAB RH

Component Description : Curtain Airbag Module Right Hand Side for Audi Q7

Component Part Number : 4M0 880 742 H

## Supplier Identification :

### Component Manufacturer

Name : iSi Automotive Austria GmbH

Address : Scheydgasse  
30-32 Wien FOREIGN STATES 1210

Country : Austria

## Chronology :

July 2019: Suspect Inflator was detected during serial production testing (closed tank test).

August 2019 - October 2019: Investigation and analysis of electronically stored manufacturing process mass data (welding process monitoring system) in combination with physical analysis/test on parts. Implementation of process improvement especially on the welding monitoring system.

November 2019: Information about defect addressed to Audi and Bentley

November 2019 - January 2020: Review and further Investigation together with customer (Audi/Bentley).

Components serial numbers linked to vehicles (VIN)  
February 2020: Safety Recall initiated by car manufacturer Audi and Bentley.

## Description of Remedy :

Description of Remedy Program : The parts will be replaced by parts that have been manufactured according to specification.  
Please find Safety Recall Report of Bentley Motors Inc. (# 20V-092)  
Please find Safety Recall Report of Volkswagen Group of America Inc. (# 20V-093)

How Remedy Component Differs from Recalled Component : Affected parts were only produced on May 3, 2019 and May 8, 2019. Parts manufactured in other production dates are not affected, Nozzle on remedy parts is correctly welded.

Identify How/When Recall Condition was Corrected in Production : Affected parts were only produced on 2 days: May 3, 2019 and May 8, 2019.  
Production process and quality (welding) monitoring was improved to ensure and maintain specified weld performance.

## Recall Schedule :

Description of Recall Schedule : Please find Safety Recall Report of Bentley Motors Inc. (# 20V-092)  
Please find Safety Recall Report of Volkswagen Group of America Inc. (# 20V-093)

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

## 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 : VW Group of America

Address : 3800 Hamlin Road  
Auburn Hills MI 48326

Country : US

Company Phone : 8008935298

Name : Bentley Motors Inc.

Address : 2200 Ferdinand Porsche Drive  
Herndon VA 20171

Country : US

Company Phone : 8007776923

\* NR - Not Reported