

Part 573 Safety Recall Report

18V-114

Manufacturer Name : Karma Automotive LLC**Submission Date :** FEB 19, 2018**NHTSA Recall No. :** 18V-114**Manufacturer Recall No. :** RC-18-84-01**Manufacturer Information :**

Manufacturer Name : Karma Automotive LLC

Address : 9950 Jeronimo Road

Irvine CA 92618

Company phone : 6572348755

Population :

Number of potentially involved : 94

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2018-2018 Karma Revero

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : HYBRID ELECTRIC

Descriptive Information : All vehicles from start of 2018 production until December 31, 2017 are included in the recall population.

Production Dates : MAY 16, 2017 - DEC 12, 2017

VIN Range 1 : Begin : 50GK41SA1JA000001 End : 50GK41SA7JA000133 Not sequential**Description of Noncompliance :**

Description of the Noncompliance : Takata's internal quality testing (Lot Acceptance Testing (LAT) also known as Continuous Conformance Testing (CCT) test schedules) found an issue with the curtain shield air bags also known as head-protection side airbags (HSABs).

Testing revealed a disengagement of the airbag rear connection point from the inflator during deployment compromising the effectiveness of the air bag's protective capacity.

The HSABs are mounted in the driver and passenger-side roof rails, and have inflators. The airbag material slips between the inflator housing and the Oetiker ring that clamps the airbag to the inflator housing.

The HSABs deploy from the roof in the event of particular crashes, and only in specific conditions.

The Takata HSAB defect and subsequent action by Karma is unrelated to the ongoing Takata front driver and front passenger airbag recalls.

FMVSS 1 : 226 - Ejection mitigation

FMVSS 2 : NR

Description of the Safety Risk : A crash, where the HSAB deploys, may result in reduced protection, and could increase the risk of injury to vehicle occupants.

Description of the Cause : Variation in Takata manufacturing process control allowed HSAB's to be produced and shipped that do not meet 100 % of Takata's product specifications and therefore, do not meet the performance expectations 100% of the time.

Identification of Any Warning that can Occur : No customer facing warning of a defect exists.

Supplier Identification :

Component Manufacturer

Name : Takata Holdings, Inc.

Address : 2500 Takata Drive
Auburn Hills MICHIGAN 48326

Country : United States

Chronology :

Takata Holdings, Inc. (Takata) notified Karma Automotive LLC (Karma) that during internal quality testing (Lot Acceptance Testing (LAT) also known as Continuous Conformance Testing (CCT) test schedules) it found an issue with the curtain shield air bags or head-protection side airbags in lots previously shipped to Karma even though the production lots supplied to Karma had passed Takata's lot acceptance testing at the time of shipment.

As such, vehicles fitted with HSABs may fail to comply with the requirements of Federal Motor Vehicle Safety Standard (FMVSS) number 226, "Ejection Mitigation". The matter was presented to the Karma Field Action Executive Committee (FAEC).

December 2017 - January 2018: Intensive tests of previously produced production lots were conducted by Takata, determining the contributing factors/causes and consequences with respect to the component performance.

January 2018: Takata on week 4 2018 (01/22/18 - 01/26/18) shipped validated interim production parts, with the remedy, to Karma.

The updated interim head side curtain airbag design with the remedy were introduced in the production line on week 5 2018 (01/26/18).

February 2018: Karma FAEC on week 6 2018 (02/09/2018) made the determination of defect due to noncompliance with FMVSS 226 "Ejection Mitigation".

March 2018 - April 2018: Karma on week 12 2018 (3/23/2018) will receive and introduce to the production line the full part production approval process (PPAP) HSABs. Karma on week 16 2018 (04/15/2018 - 04/21/2018) will notify owners, and dealers about the replacement of the curtain side air bags that include the remedy, free of charge. The recall is expected to begin April 17, 2018.

No injuries or accidents have been reported.

As required by Federal Laws all known owners of the involved suspect vehicles will be notified by first class mail.

Description of Remedy :

Description of Remedy Program : To address the problem, Karma dealers and service providers will install new curtain side airbags/head-protection side airbags that have an additional 3rd Oetiker clamp on the curtain shield airbag to inflator housing at no cost. The addition of the 3rd Oetiker clamp improves the cushion attachment to the inflator housing. This procedure is still under review and will be released only upon final validation.

Preliminary tests show that the use of the additional 3rd Oetiker clamps prevents the cushion sliding under the band clamp and detaching from the inflator housing.

Karma will not include a statement in the Part 577 owner notification concerning reimbursement for the cost of obtaining a pre-notification remedy as the subject vehicles are under warranty.

How Remedy Component Differs from Recalled Component : All vehicles from start of production until December 31, 2017 are included in the recall population. The part numbers for the affected curtain side airbags are Right Hand Side part number C131148801204 and Left Hand Side part number C131148801104.

Identify How/When Recall Condition was Corrected in Production : On March 23, 2018, the fully validated new airbag design is planned to be available from the Takata production lines. The fully validated Takata parts will also be made available in the field by Karma shortly after the planned March 23, 2018 delivery.

Recall Schedule :

Description of Recall Schedule : Notice to dealers/owners on or before April 17, 2018

Planned Dealer Notification Date : APR 17, 2018 - APR 17, 2018

Planned Owner Notification Date : APR 17, 2018 - APR 17, 2018

* NR - Not Reported