

Part 573 Safety Recall Report

19V-408

Manufacturer Name : Karma Automotive LLC**Submission Date :** JUN 18, 2019**NHTSA Recall No. :** 19V-408**Manufacturer Recall No. :** RC-19-70-01**Manufacturer Information :**

Manufacturer Name : Karma Automotive LLC

Address : 9950 Jeronimo Road

Irvine CA 92618

Company phone : 6572348755

Population :

Number of potentially involved : 295

Estimated percentage with defect : 2 %

Vehicle Information :

Vehicle 1 : 2018-2018 Karma Revero

Vehicle Type : LOW VOLUME VEHICLES

Body Style : 4-DOOR

Power Train : HYBRID ELECTRIC

Descriptive Information : VIN Range(s): Begin: 50GK41SA3JA000002
End: 50GK4LSA3JAA00015 (sequential VINs)

Number potentially involved: 295

Estimated percentage of involved with defect: 2%

Note: All 2018 Model Year Karma Revero vehicles not in Karma's control are included in this recall (295 vehicles).

Production Dates : MAY 01, 2017 - DEC 31, 2018

VIN Range 1 : Begin : 50GK41SA3JA000002 End : 50GK41SA5JA000325

 Not sequential

VIN Range 2 : Begin : 50GK4LSA3JAA00001 End : 50GK4LSA3JAA00015

 Not sequential**Description of Noncompliance :**

Description of the Noncompliance : FMVSS 214 (Side Impact Protection) specifies crush resistance requirements based on deflections of the side doors under specified loading conditions. During a routine inspection at the assembly plant, it was discovered that the upper intrusion bracket (bar) in the front left door of certain 2018 Karma Revero vehicles contained a segment of split metal at or near the B pillar section of the inner door.

All front and rear doors of all 2018 Karma Revero vehicles at the assembly plant were inspected and the split metal condition was detected only in the front left door of certain vehicles. All left front doors found with the condition were replaced with new front doors at the assembly plant.

FMVSS 1 : 214 - Side impact protection

FMVSS 2 : NR

Description of the Safety Risk : If the left front door intrusion bars do not perform as designed due to a split in the metal, the affected vehicles may not be able to meet the FMVSS 214 side impact protection requirements, thus increasing the risk of injury to vehicle occupants.

Description of the Cause : Certain upper intrusion brackets received from the component manufacturer contained split metal at or near the B pillar section of the inner door.

Identification of Any Warning that can Occur : The driver and vehicle occupants do not get any warning, though no such warning is required by FMVSS 214.

Supplier Identification :

Component Manufacturer

Name : Sterling Die & Engineering
Address : 15767 Claire Ct.
Macomb MICHIGAN 48042
Country : United States

Chronology :

On May 7, 2019, it was discovered that the upper intrusion bracket (bar) in the left front door in certain MY 2018 Karma Revero vehicles contained a segment of split metal at or near the B pillar section of those doors. The vehicles were put on hold at the assembly plant and fixed. This discovery led Karma to determine that certain MY 2018 Karma Revero vehicles in the field might have similar upper intrusion bar concerns. Based on the loads associated with side impact events, and the tendency of the split metal to propagate during those events, this could render those MY 2018 vehicles potentially non-compliant with FMVSS 214.

After inspecting 116 vehicles at the assembly plant, only two front left doors were found with split metal in the upper intrusion bracket. These findings were promptly communicated to Karma's Engineering Management and Field Action Executive Committee (FAEC) and an investigation was immediately conducted by the Karma Quality and Engineering staff.

On May 24, 2019, after completion of the investigation, the FAEC met to discuss the preliminary results of the investigation. On May 28, 2019, the FAEC decided to recall all affected vehicles.

As of May 31, 2019, Karma has not received any field reports, warranty claims, or reports of injuries or deaths related to this matter.

Description of Remedy :

Description of Remedy Program : The remedy is to inspect all front doors. Any front doors found containing an affected upper intrusion bracket (bar) will be replaced. Registered owners of all affected vehicles will be notified of the recall in July 2019, at which point they will be asked to take their vehicle to a Karma authorized repair center where the remedy will be provided free of charge.

The affected vehicles are new and are covered under the manufacturer owner's warranty program. Therefore, pre-notice reimbursement to owners will not be necessary.

How Remedy Component Differs from Recalled Component : Any front doors identified as containing an affected upper intrusion bracket (bar) with a segment of split metal will be replaced with a new door containing upper intrusion bracket (bar) with no splits.

Identify How/When Recall Condition was Corrected in Production : All 2018 MY vehicles remaining in Karma's possession were put on hold and subsequently have been repaired. Additionally, all non-compliant parts were removed from the assembly plant's inventory and all doors in stock passed quality inspections.

Recall Schedule :

Description of Recall Schedule : On May 31, 2019, dealers will be notified of the recall and stop sale of any 2018 model year vehicles in their inventory.

On or before July 12, 2019, vehicle owners will be notified with a notification recall letter.

Planned Dealer Notification Date : MAY 31, 2019 - MAY 31, 2019

Planned Owner Notification Date : JUL 12, 2019 - JUL 31, 2019

* NR - Not Reported