

Part 573 Safety Recall Report

19V-296

Manufacturer Name : Karma Automotive LLC**Submission Date :** APR 11, 2019**NHTSA Recall No. :** 19V-296**Manufacturer Recall No. :** RC-19-84-01**Manufacturer Information :**

Manufacturer Name : Karma Automotive LLC

Address : 9950 Jeronimo Road

Irvine CA 92618

Company phone : 6572348755

Population :

Number of potentially involved : 231

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2018-2018 Karma Revero

Vehicle Type : LOW VOLUME VEHICLES

Body Style : 4-DOOR

Power Train : HYBRID ELECTRIC

Descriptive Information : FMVSS 226 requires that vehicles employ ejection mitigation countermeasures. If a side-curtain airbag is the chosen countermeasure in the event of a rollover, the vehicle must have a rollover sensor system to deploy the countermeasure, along with a readiness indicator and a description of the system in the vehicle's owner manual or other written information provided to the consumer. Affected MY 2018 Karma Revero vehicles do not meet these requirements because, although employing a side-curtain airbag for ejection mitigation, the rollover sensor system is not enabled. Thus, the vehicles operate without a system to monitor the readiness of and deploy the countermeasure or a telltale to indicate faults with the system in the event of a rollover. MY 2018 Karma Revero owner manuals also lack a description of the system or telltale.

Without an enabled rollover sensor, the vehicle will not be able to detect the rollover condition, and thus would not trigger the side-curtain airbag countermeasure, thus increasing the risk of injury to vehicle occupants.

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

VIN Range 1 : Begin : 50GK41SA5JA000003 End : 50GK41SA5JA000325

 Not sequential

Description of Noncompliance :

Description of the Noncompliance : FMVSS 226 requires that vehicles employ ejection mitigation countermeasures. If a side-curtain airbag is the chosen countermeasure in the event of a rollover, the vehicle must have a rollover sensor system to deploy the countermeasure, along with a readiness indicator and a description of the system in the vehicle's owner manual or other written information provided to the consumer. Affected MY 2018 Karma Revero vehicles do not meet these requirements because, although employing a side-curtain airbag for ejection mitigation, the rollover sensor system is not enabled. Thus, the vehicles operate without a system to monitor the readiness of and deploy the countermeasure or a telltale to indicate faults with the system in the event of a rollover. MY 2018 Karma Revero owner manuals also lack a description of the system or telltale.

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FMVSS 1 : 226 - Ejection mitigation

FMVSS 2 : NR

Description of the Safety Risk : Without an enabled rollover sensor, the vehicle will not be able to detect the rollover condition, and thus would not trigger the side-curtain airbag countermeasure, thus increasing the risk of injury to vehicle occupants.

Description of the Cause : On April 4, 2019, in the course of compliance testing of unreleased MY 2020 Karma Revero vehicles, it was determined that the rollover sensors in these MY 2020 vehicles had not been enabled. This finding led Karma to determine that the rollover sensors in affected MY 2018 Karma Revero vehicles similarly had not been enabled, rendering those MY 2018 vehicles non-compliant with FMVSS 226. Karma also determined related non-compliances with respect to the readiness indicator and owner manual/consumer information requirements.

These findings were promptly communicated to Karma's Engineering Management and Field Action Executive Committee (FAEC).

As of April 11, 2019, Karma has not received any field reports, warranty claims, or reports of injuries or deaths related to this matter.

Identification of Any Warning that can Occur : The remedy will provide the required warning.

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR
NR
Country : NR

Chronology :

On April 4, 2019, in the course of compliance testing of unreleased MY 2020 Karma Revero vehicles, it was determined that the rollover sensors in these MY 2020 vehicles had not been enabled. This finding led Karma to determine that the rollover sensors in affected MY 2018 Karma Revero vehicles similarly had not been enabled, rendering those MY 2018 vehicles non-compliant with FMVSS 226. Karma also determined related non-compliances with respect to the readiness indicator and owner manual/consumer information requirements.

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Description of Remedy :

Description of Remedy Program : The remedy is to replace the existing Airbag Control Unit (ACU) with a rollover enabled ACU. The remedy will also include the addition of an indicator to monitor the readiness of this system, as well as an update of the owner manual or the provision of written information describing the readiness indicator, the systems it monitors, the location and purpose of the telltale, and what action to take should the telltale illuminate. Registered owners of all affected vehicles will be contacted with an interim notification by mail in April 2019, and later with a final notification once the remedy is available, currently estimated for July 2019, in which they will be asked to take their vehicle to a Karma authorized repair center where the remedy will be provided free of charge.

How Remedy Component Differs from Recalled Component : Not applicable.

Identify How/When Recall Condition was Corrected in Production : Not applicable

Recall Schedule :

Description of Recall Schedule : Recall Schedule:
Planned Dealer Notification Date: April 11, 2019
Planned Interim Owner Notification Date: April 15, 2019 through April

30, 2019

Planned Dealer Notification Date : APR 11, 2019 - APR 11, 2019

Planned Owner Notification Date : APR 15, 2019 - APR 30, 2019

* NR - Not Reported