

SC-18-01-03

MODEL: 2017 - 2018 Model Year Karma Revero

DATE: March 2018

TITLE: Repair of Fastener Location**PRIORITY:** All**MARKET REGIONS:** All

PURPOSE: This document is to provide for approved and known methods to repair locations where a fastener has failed to achieve the required torque

This document supersedes any and all previous documents relating to the names and locations in workshop manuals, wiring diagrams, training documents, parts catalog, labor operations, etc.

Have a camera available and ready. Capture images of any location when these processes are required in a warranty claim.

While the method of repair is approved as indicated, performing and verifying the repair is proper and does not create further damage to the vehicle is the responsibility of the operator.

As a reminder all removal of components and installation is to be performed with hand tools per Karma Automotive standards. Images must be attached to warranty claims and TSS cases.

If you encounter any non-standard fastener or parts in the vehicle that this bulletin does not cover, stop work immediately and contact Karma Automotive TSS to assistance and guidance.



Torque wrench



Camera or image capturing device such as a camera equipped mobile phone

Karma Automotive Bulletins and service documents are intended for use by experienced and trained Technicians. If you lack the skills, tools, equipment and a suitable workshop for any procedure described in this document, we suggest you leave such repairs to an Authorized Karma Service Provider or qualified service center. See your service provider for advice on whether your vehicle may benefit from the information contained within this document. The information contained in the Karma Bulletin is accurate at the date of publication. However, Karma Automotive regularly updates technical information. Please check with your Karma Automotive Service Provider that the bulletin you intend to use contains the latest available information.

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ALL removal of components and installation should be with hand tools.

When repairing a location that fails to achieve torque (or is “stripped”) use the following pairing of Rivet nut (or “rivnut”) and appropriate size fasteners with adhesive. This is the preferred method of repair. Take care and use the appropriate torque wrench to torque the fasteners as indicated.

This process is currently approved for 6mm fasteners or smaller.

Use Rivnut - Open Flush M6 X 1.0 X 6.6 - 10.0 (Karma Automotive P/N C144800107400)

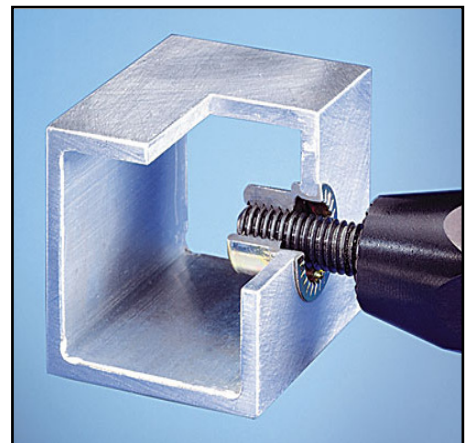
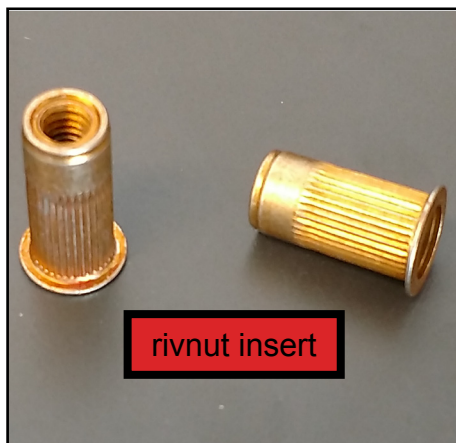
Standard M6 rivet nut installation tools are available locally.

(for example: Macmaster-Carr #95585A600 and M6 mandrel and nose piece #95585A710; or Grainger item #5TUV4)

Contact TSS for assistance.

Rivnut installation should follow the install instructions provided with your rivnut install tool. Install tools are available locally.

For 6mm the torque specification would be 8Nm +/-1Nm.



When complete with install **Thread in fasteners by hand initially at least 3 - 4 threads.**

Optional repair methods may require the use of Heli-Coil® or Timesert®. these are to be handled on a case by case basis, with guidance of Karma Automotive Technical Services Support (“TSS”).

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PARTS REQUIRED:

PART NUMBER	DESCRIPTION
N/A	N/A

SHOP SUPPLIES:

DESCRIPTION
N/A

SPECIAL TOOLS:

PART NUMBER	DESCRIPTION
N/A	

CAUSAL PART:

PART NUMBER	DESCRIPTION
	From Associated R&R

LABOR CODES

CODE	DESCRIPTION	TIME	DEFECT CODE
00-00-10-05	First Thread Repair	0.2	00-00-10-05
00-00-10-06	Each Additional Repair	0.1	00-00-10-05

SUBLET:

CODE	DESCRIPTION	AMOUNT
N/A		

WARRANTY DISPOSITION: This repair is covered under the New Vehicle Limited Warranty, in effect for five (5) years from the in-service date with no mileage limitation.

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