

MODEL: Karma Revero

DATE: January 2018

First Release

TITLE: Radiator Hose Clamp Inspection

PRIORITY: On Complaint

APPLICABILITY: MY17 and MY18 Revero

MARKET REGION: North America

PURPOSE: To re-torque worm gear drive clamp, or remedy complaint of coolant leak from upper radiator hose.

Any vehicle in for service should have the worm drive clamp inspected and set to proper torque as specified. If a vehicle presents leaking coolant from the engine bay, use the following procedure to address the leak. If the leak source is found at engine upper radiator hose (fig 1a) connecting to engine coolant port. Again if it is fitted with a worm drive clamp as shown (fig 1b) **torque to 5.5Nm**. Verify leak is no longer present.

If the vehicle is fitted with a constant tension clamp on the hose, or if the worm gear clamp continues exhibiting the leak concern, replace this with hose and clamp assembly part number C131111401004. Provide images of the hose and clamp location for this concern to TSS.

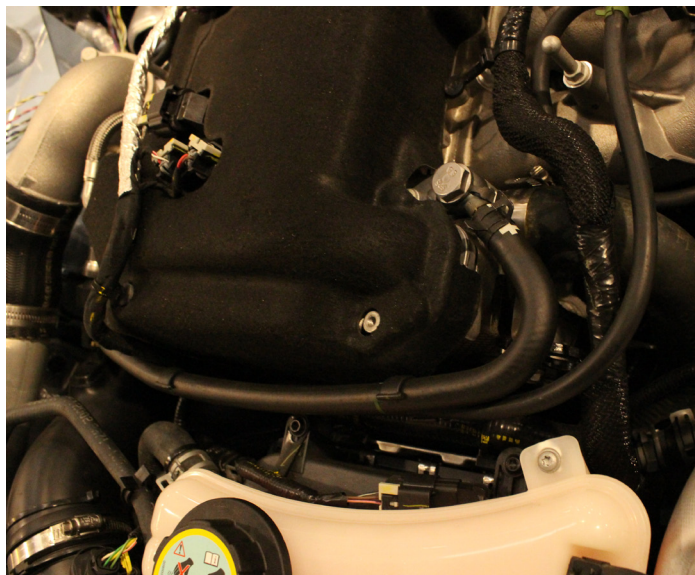


fig 1a

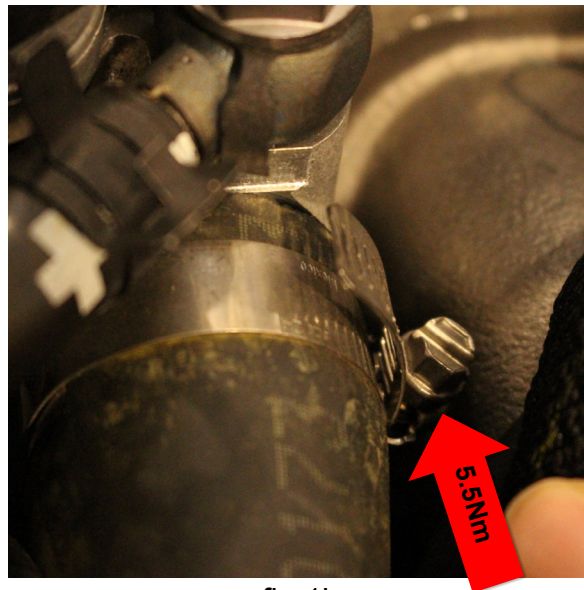


fig 1b

Follow the service manual for the replacement hose procedure if required.

If the worm drive clamp or hose is removed for any reason, the constant tension clamp and hose assembly (C131111401004) is to be installed as replacement part.

Follow the provided warranty claim for hose replacement. **Test drive vehicle and run in sport mode, verify leak is no longer present.**

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 a Karma retailer and service provider. 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 Retailer and Karma Automotive service provider that the bulletin you intend to use contains the latest available information.



Technical Service Bulletin

TB-18-20-01

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PARTS (If needed):

PART NUMBER	DESCRIPTION	QUANTITY
C131111401004	Hose Asm - HT Rad In	1

(Hose and clamp are an assembly)

SHOP SUPPLIES:

DESCRIPTION
N/A

SPECIAL TOOLS:

DESCRIPTION
N/A

CAUSAL PART:

PART NUMBER	DESCRIPTION
C131111401003	Hose Asm - HT Rad In

LABOR CODE:(for torque verification)

CODE	DESCRIPTION	TIME	DEFECT CODE
20-50-16-01	Torque HT Rad In Clamp	0.2	20-50-16-13

LABOR CODE: (For Replacement)

CODE	DESCRIPTION	TIME	DEFECT CODE
20-50-16-00	Remove and Refit Engine Top Hose Assy	0.9	20-50-16-13

SUBLET:

CODE (Service)	DESCRIPTION	AMOUNT
FLU- FLU003	Coolant	MAX \$20.00 USD

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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