

Type: Technical Service Bulletin

Year: 2021

System: Electrical

Sequence: 01

MODEL: Revero GT**TITLE: Ground Torque Inspection**

PURPOSE: Vehicles that presents with the following diagnostic trouble codes:
U0120 (HCU) Lost Communication with Starter/Generator Module
P2B28 (HCU) Hybrid/EV battery Pack Coolant Pump Performance
P2613 (HCU) A/C Refrigerant Battery Chiller Valve Control Circuit High
P2B28 (HVAC) Hybrid/EV battery Pack Coolant Pump Performance

A message "Generator not available" may also be present.

This document instructs to check the torque on the fastener for Ground 109A (GD109A).

The ground location can be found in the Karma Revero GT Electrical Manual, found on the dealer portal location as shown in (Fig 1).



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As indicated in the image (Fig 2) the ground is located on the passenger side shock tower. The HV cable bundle should maintain the alignment with the new bracket installed.

Connector Part Information			• Eyelet
Pin	Wire Color	Circuit	Function
-	BLK	GDB165	Battery Coolant Pump Ground
-	BLK	GDA101	Hood Switch - RH
-	BLK	GDA166	Battery Chiller Valve Ground
-	BLK	GDB152	Generator Inverter Ground

Right side of the engine compartment, next the ECM

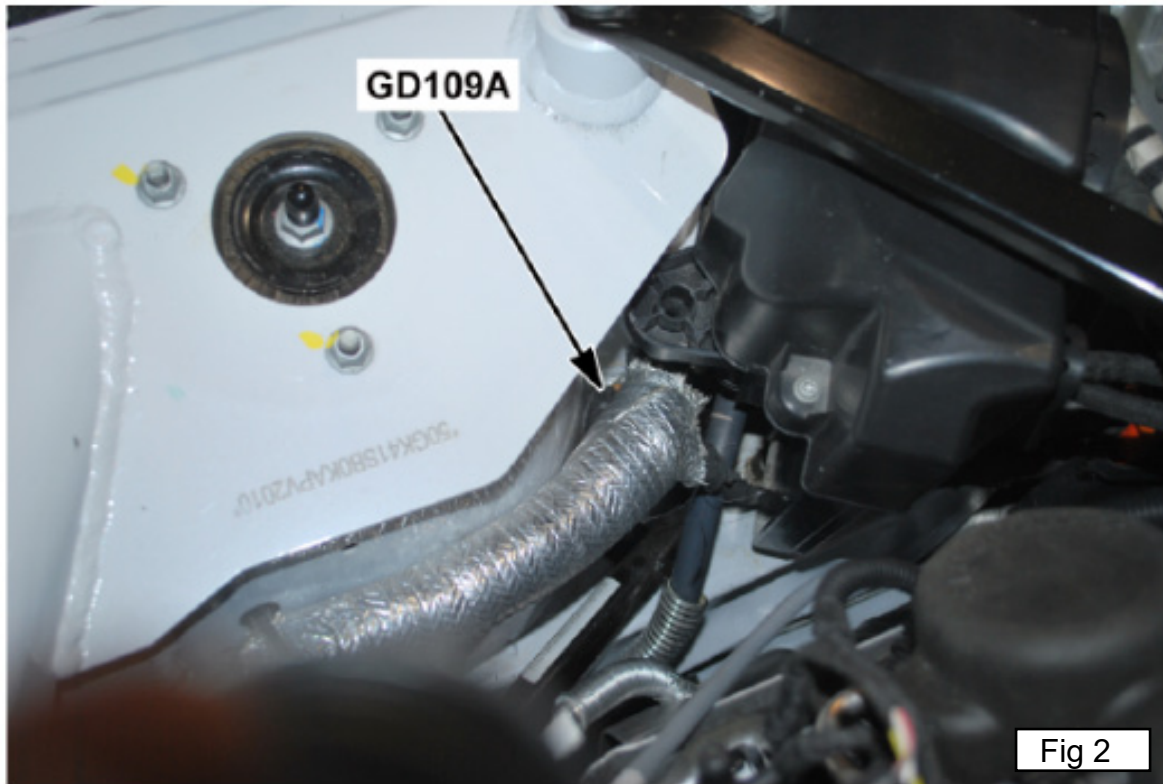


Fig 2

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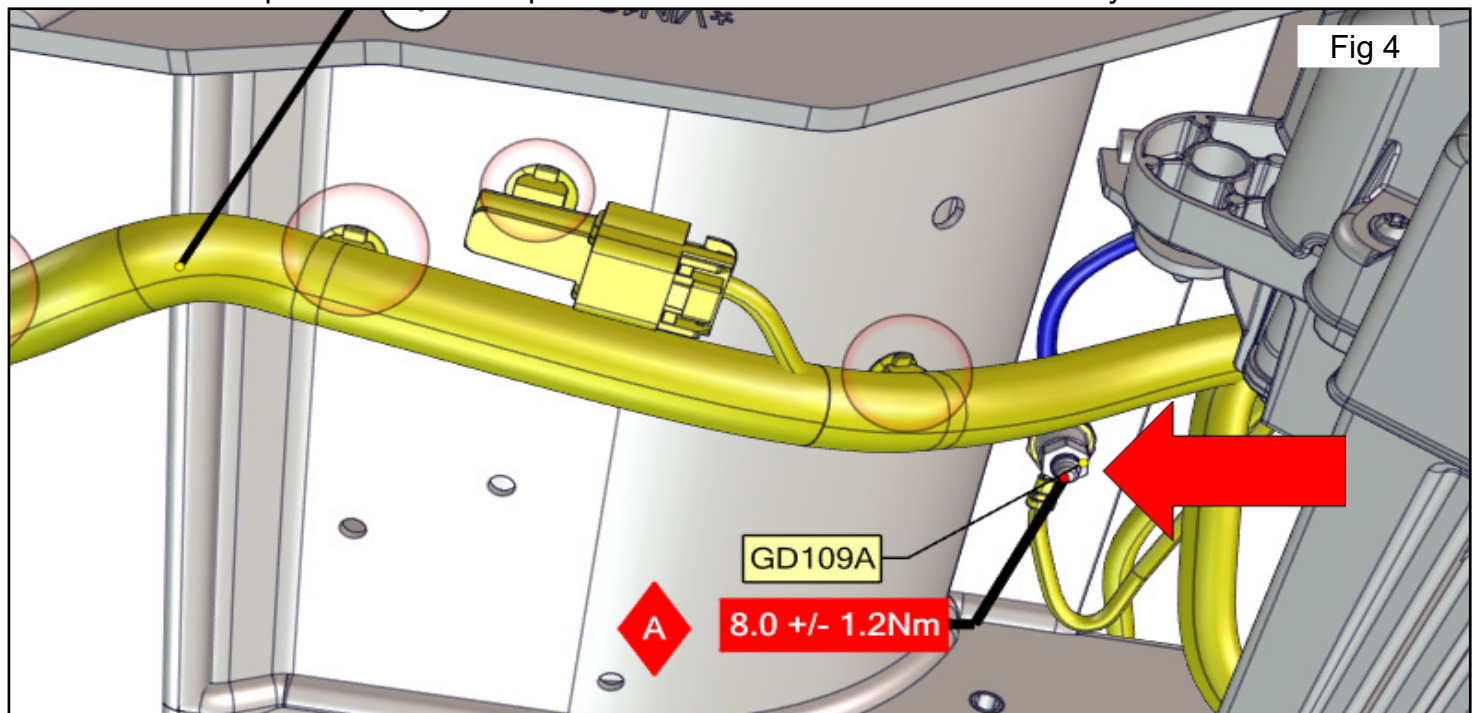
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Remove the fastener (Fig 3) and using a wire brush clean the mounting stud surface and the harness eyelets for the best connection on reassembly.



Once the ground location is located and cleaned, proceed to verify the torque (Fig 4) of **8 +/- 1.2Nm (5.9 ft-lb or 70.81 in-lbs)** use a 1/4 inch torque wrench. this is part of the “Underhood Harness Assembly”.



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PARTS REQUIRED:

PART NUMBER	DESCRIPTION	QTY
N/A		

SHOP SUPPLIES:

DESCRIPTION
N/A

SPECIAL TOOLS and PARTS:

PART NUMBER	DESCRIPTION	QTY
N/A		

LABOR CODES:

CODE	DESCRIPTION	TIME	DEFECT CODE
90-10-13-03	GD109 inspection	0.4	90-10-13-64

SUBLET:

CODE	DESCRIPTION	AMOUNT
N/A		

CAUSAL PART:

PART NUMBER	DESCRIPTION
C131190104701	Harness Assembly - Headlamp and Dash/Underhood

WARRANTY DISPOSITION:

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