



GROUP	MODEL
ELE	2023MY Carnival (KA4)
NUMBER	DATE
289	March 2023

## TECHNICAL SERVICE BULLETIN

### SERVICE ACTION: TIGHTENING OF IGNITION GROUND BOLTS (SA531)

SUBJECT:

This bulletin provides information to tighten the two (2) ignition ground bracket bolts on certain 2023MY Carnival (KA4) vehicles produced from November 8, 2022 through November 11, 2022, which may not have been properly torqued during assembly and cause the vehicle to exhibit an intermittent engine hesitation and/or poor starting condition. Follow the procedure outlined in this publication to torque the two (2) ignition ground bracket bolts to the specified torque specification listed in this publication. Before conducting the procedure, verify that the vehicle is included in the list of affected VINs.



#### NOTICE

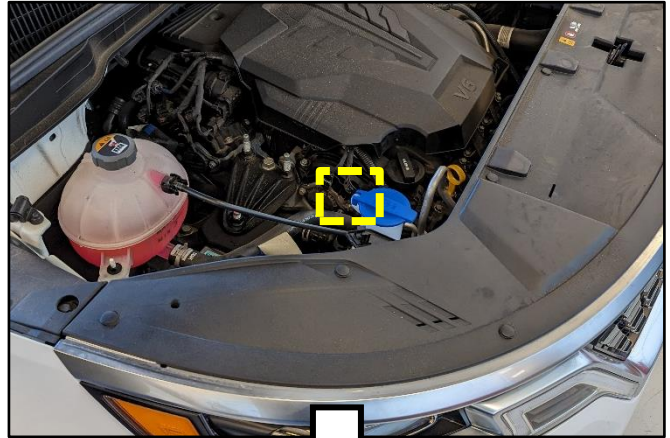
A Service Action is a repair program without customer notification that is performed during the warranty period. Any dealer requesting to perform this repair outside the warranty period will require DPSM approval.

Repair status for a VIN is provided on WebDCS (Service → Warranty Coverage → Warranty Coverage Inquiry → Campaign Information). Not completed Recall / Service Action reports are available on WebDCS (Consumer Affairs → Not Completed Recall → Recall VIN → Select Report), which includes a list of affected vehicles.

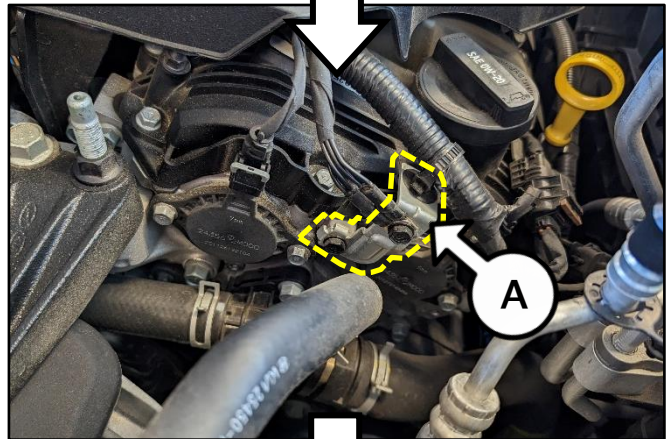
This issue number is SA531.

**Repair Procedure:**

1. Open hood and locate the two (2) ignition grounds in the area shown.



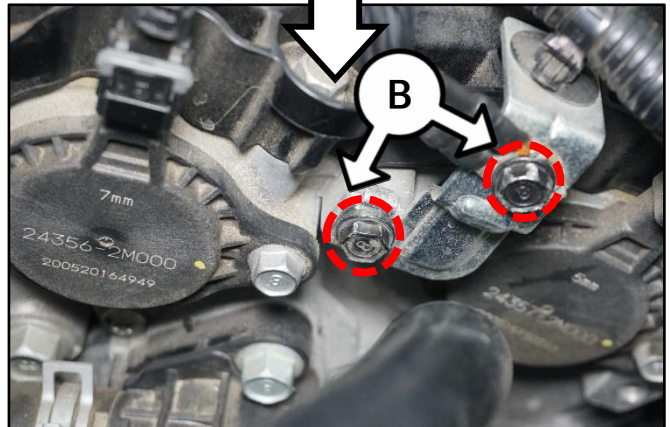
**Note:** The ignition ground bracket (A) bolts (GC02) are located between the intake and exhaust Oil Control Valve (OCV) on Bank 2.



2. Using a torque wrench, tighten/torque the two (2) ignition ground bolts (B) to the specification below.



Tightening torque for bolt(s) (B):  
8.0 - 10.1 lb.ft (10.8 - 13.7 N.m)



3. Confirm normal vehicle operation.

SUBJECT: **SERVICE ACTION: TIGHTENING OF IGNITION GROUND BOLTS (SA531)**

**AFFECTED VEHICLE RANGE:**

Model	Production Date Range
Carnival (KA4)	November 8, 2022 to November 11, 2022

**REQUIRED TOOL:**

Tool Name	Figure	Comments
Torque Wrench		Locally Sourced

**WARRANTY INFORMATION:**

**N Code: N99 C Code: C99**

Claim Type	Causal P/N	Qty.	Repair Description	Labor Op Code	Op Time	Replacement P/N	Qty.
V	91931 R0060	0	(SA531) Ignition Ground Bolts Tightening	230010R0	0.2 M/H	N/A	0

**NOTICE**

VIN inquiry data for this repair is provided for tracking purposes only. Kia retailers should reference [SA531](#) when accessing the WebDCS system.