



GROUP	MODEL
Safety Recall Campaign	2023MY EV6 (CV) and 2023-2024MY Niro EV (SG2 EV)
NUMBER	DATE
SC295	February 2024

SAFETY RECALL CAMPAIGN

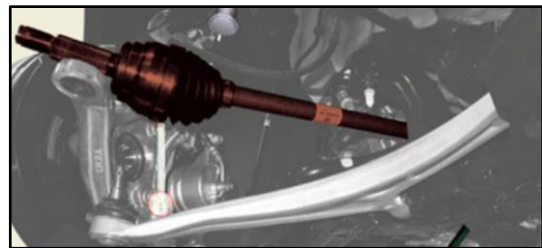
SUBJECT:

DRIVESHAFT REPLACEMENT (SC295)

This bulletin provides information to replace the rear inner driveshaft assembly on certain 2023MY EV6 (CV) vehicles produced from January 26, 2023 through April 8, 2023 and to replace the front left driveshaft assembly on certain 2023-2024MY Niro EV (SG2 EV) vehicles produced from June 27, 2023 through July 13, 2023. Due to a manufacturing error, the rear inner driveshaft assembly in the subject EV6 (CV) vehicles and the front left driveshaft assembly in the subject Niro EV (SG2 EV) vehicles may have been improperly heat-treated. An improperly heat-treated driveshaft may break under load, resulting in a loss of motive power. A loss of motive power increased the risk of a crash. Follow the procedure outlined in this publication to replace the rear inner driveshaft assembly on the applicable EV6 (CV) and to replace the front left driveshaft assembly on the applicable Niro EV (SG2 EV). Before conducting the procedure, verify that the vehicle is included in the list of affected VINs.



EV6 (CV)



Niro EV (SG2 EV)

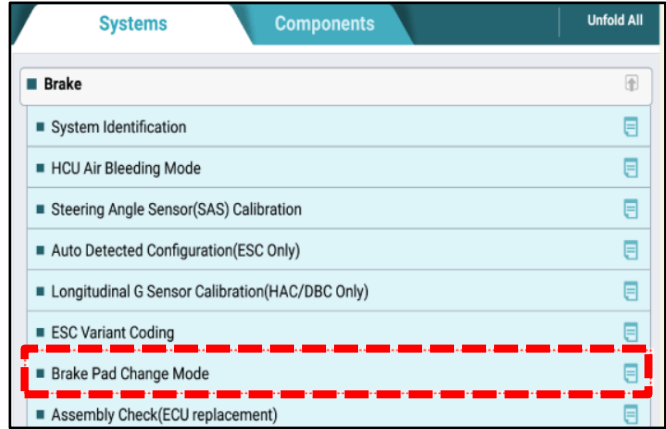
NOTICE

There is no charge to the vehicle owner for this repair. Under applicable law, you may not sell or otherwise deliver any affected vehicle until it has been repaired pursuant to the procedures set forth in this bulletin.

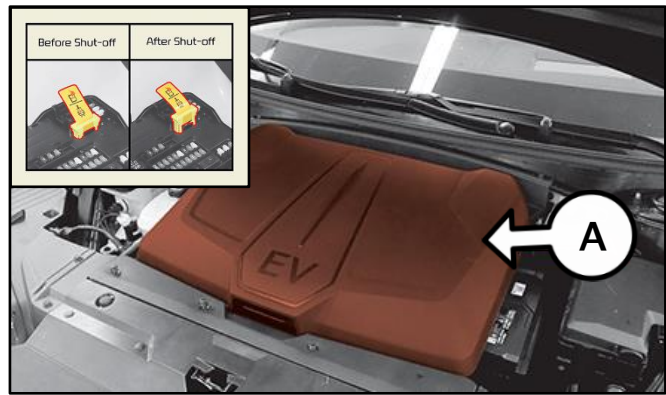
Repair status for a VIN is provided on KDealer+ (Service → Warranty Coverage → Warranty Coverage Inquiry → Campaign Information). Not completed Recall / Service Action reports are available on KDealer+ (Consumer Affairs → Not Completed Recall → Recall VIN → Select Report), which includes a list of affected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

Replacement Procedure: **EV6 (CV) Rear Inner Driveshaft Assembly**

1. Perform the 'Brake Pad Change Mode' by referring to "Brake System → Parking Brake System → Electronic Parking Brake (EPB) → Adjustment" in the applicable Shop Manual on KGIS.

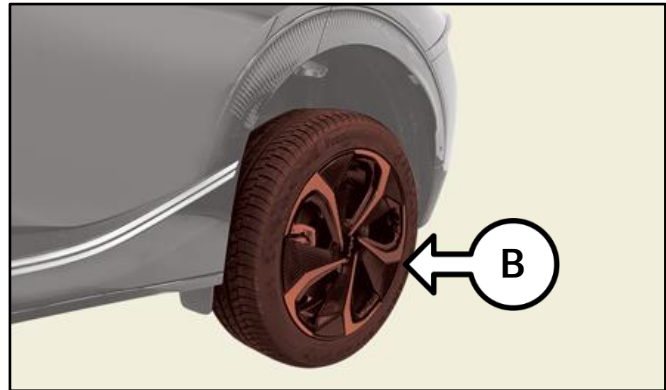


2. Open the frunk/hood and remove the front trunk cover (A).
3. Perform the '**High Voltage Shut-Off Procedure**' by referring to "Body Electrical System → High Voltage Shut-Off Procedures → High Voltage Shut-Off Procedures (**Steps 1-5 Only**)" in the applicable Shop Manual on KGIS.



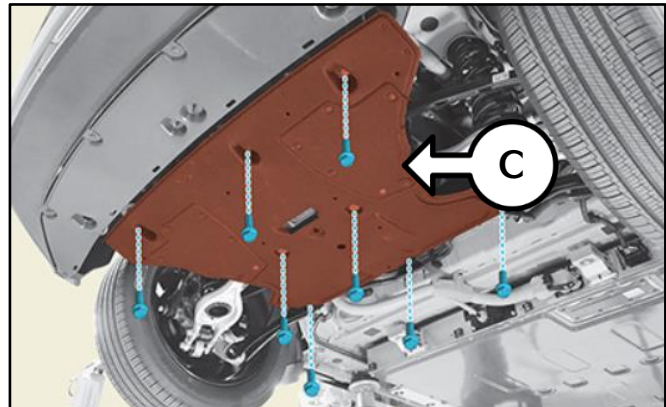
4. Remove the left rear wheel/tire (B) by loosening the the five (5) retaining lug nuts.

Tightening torque for lug nuts:
79.6 - 94 lb.ft (107.9 - 127.5 N.m)



5. Remove the rear cross member under cover (C) by removing the eight (8) retaining bolts.

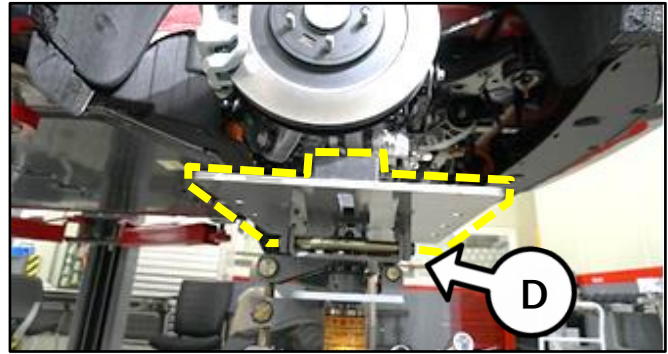
Tightening torque for cover bolts:
5.8 - 8.7 lb.ft (7.8 - 11.8 N.m)



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6. Using transmission jack (D), support the left rear, lower control arm as shown.



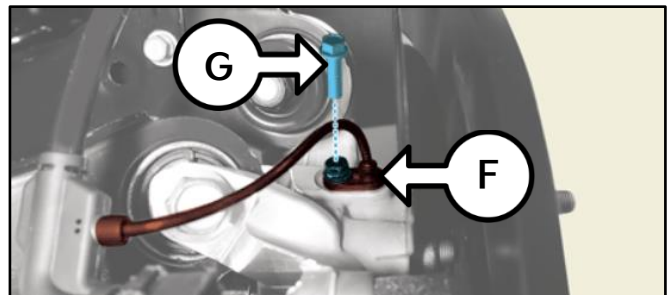
7. Disconnect the Electronic Parking Brake (EPB) actuator connector (E).



8. Remove the wheel speed sensor (F) retaining bolt (G) to detach the sensor.



Tightening torque for bolt (G):
6.4 - 10.1 lb.ft (8.8 - 13.7 N.m)

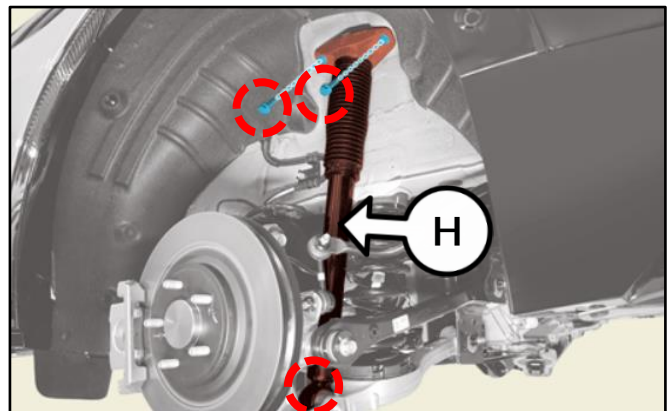


9. Remove the shock absorber (H) by loosening the upper and bottom retaining bolts.



Tightening torque for (2) upper shock bolts:
36.2 - 47 lb.ft (49 - 63.7 N.m)

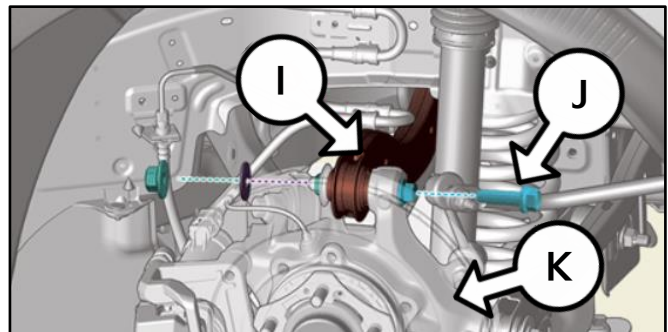
Tightening torque for (1) lower shock bolt:
130.2 - 144.7 lb.ft (176.5 - 196.1 N.m)




10. Detach the rear upper control arm (I) retaining bolt/nut (J) from the rear axle carrier (K).



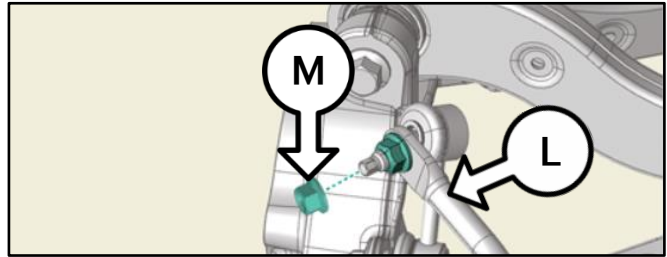
Tightening torque for nut/bolt (J):
115.7 - 130.2 lb.ft (156.9 - 176.5 N.m)



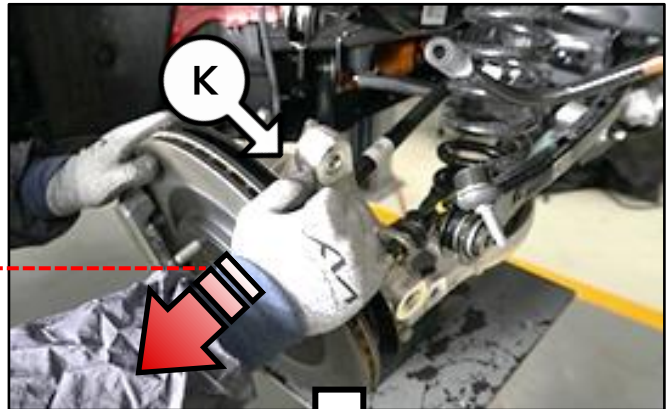
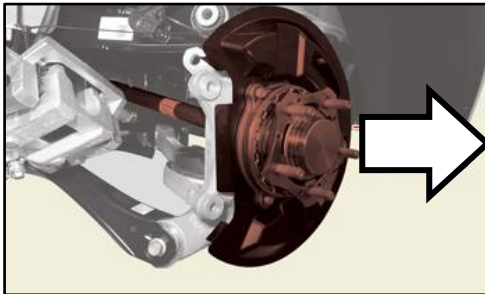
- Detach the stabilizer bar (L) by loosening the retaining nut (M).



Tightening torque for nut (M):
72.3 - 86.8 lb.ft (98.1 - 117.7 N.m)

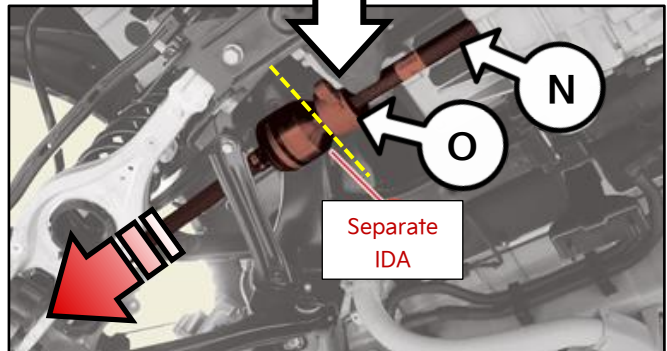


- Carefully, pull the rear axle carrier (K) outward. *(Image shown below for illustration)*




- Separate the integrated drive axle (IDA) from the inner drive shaft assembly (N).

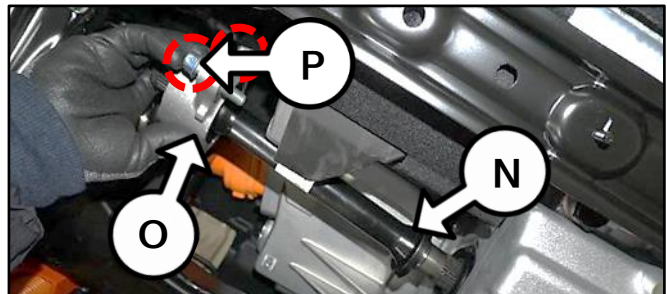
Note: The inner drive shaft assembly retaining bearing bracket (O) is still secured in place during this step.



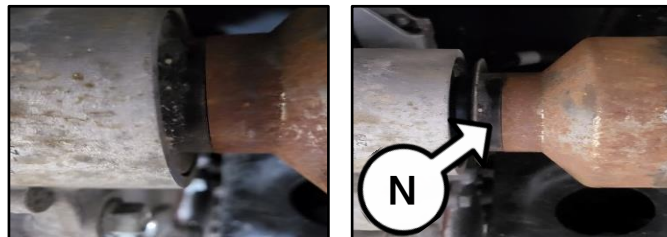
- Remove the two (2) bearing bracket (O) retaining bolts (P) and remove the inner drive shaft (N) by carefully pulling it outward.



Tightening torque for bolts (P):
47 - 52.1 lb.ft (63.7 - 70.6 N.m)



- Install the new inner drive shaft (N) and ensure that the drive shaft is aligned and properly seated inward.



- Reinstall all other removed parts in the reverse order of removal. Reconnect the High Voltage System and 12V negative (-) battery terminal.

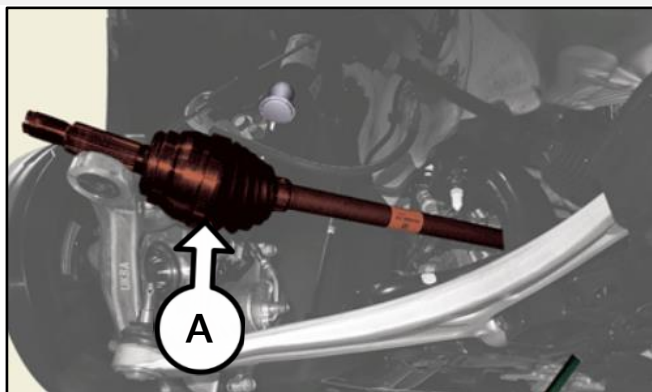
- Confirm normal vehicle operation.

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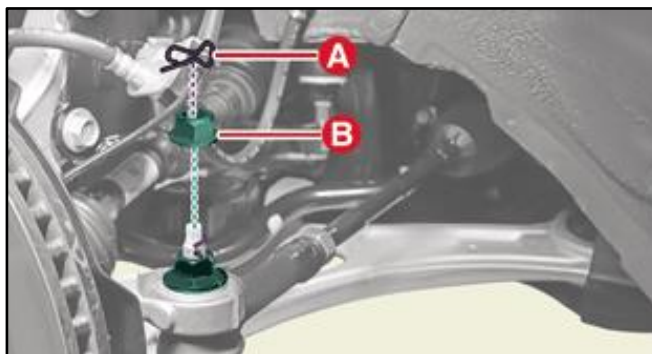
Replacement Procedure: **Niro EV (SG2 EV) Left Front Driveshaft**

1. Replace the left front driveshaft (A) with a new part by referring to "Driveshaft and Axle → Driveshaft Assembly → Front Driveshaft (LH) → Removal and Installation" in the applicable Shop Manual on KGIS.

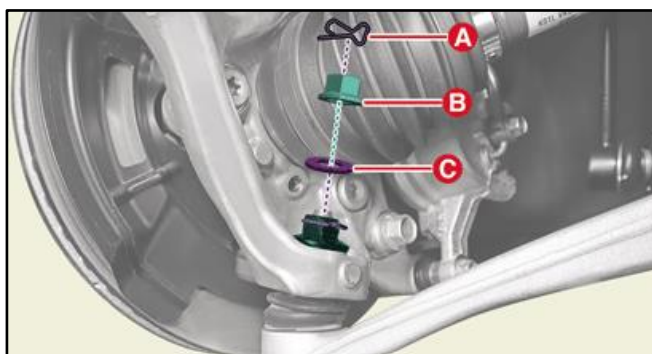


Note: Reuse the following parts unless damaged (A-C) - **Except for (D)**.

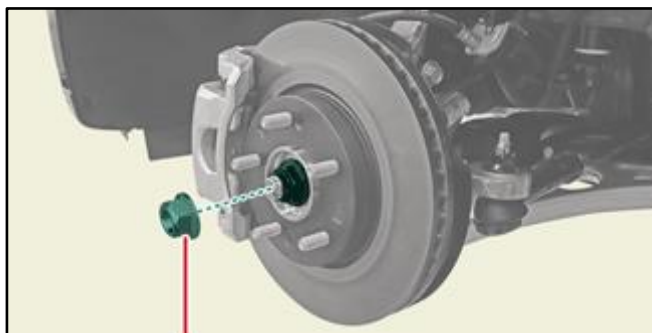
- A. Tie Rod Joint Pin
- B. Tie Rod Joint Locking Nut



- A. Lower Arm Ball Joint Pin
- B. Lower Arm Ball Joint Locking Nut
- C. Washer



- D. Driveshaft Lock Nut (**Replace**)



2. Reinstall all removed parts in the reverse order of removal.
3. Confirm normal vehicle operation.



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AFFECTED VEHICLE RANGE:

Model	Production Date Range
EV6 (CV)	January 26, 2023 to April 8, 2023
Niro EV (SG2 EV)	June 27, 2023 to July 13, 2023

REQUIRED PART:

Model	Part Name	Part Number	Figure	Qty.	Comments
EV6 (CV)	Inner Driveshaft	49560 GI000QQK		1	N/A
Niro EV (SG2 EV)	Driveshaft	49500 AO000QQK		1	N/A
	Lock Nut	49551 3X000QQK		1	N/A

Note: The replacement part numbers will require a VIN entry for parts ordering. DO NOT order these parts for stocking purposes related to this Campaign. Supply is very limited. Please confirm part availability before scheduling customers.

WARRANTY INFORMATION:

N Code: N99 C Code: C99

Model	Claim Type	Causal P/N	Qty.	Repair Description	Labor Op Code	Op Time	Replacement P/N	Qty.
CV	R	49560 GI000	0	(SC295) Left Rear Driveshaft Replacement	241022R0	1.0 M/H	49560 GI000QQK	1
SG2 EV		49500 AO000	0	(SC295) Left Front Driveshaft Replacement	241021R0	0.8 M/H	49500 AO000QQK and 49551 3X000QQK	1

Note: Refer to [Warranty Bulletin 2024-07](#) for claim submission procedures. When necessary, manually enter sublet code 'X2' for reimbursement of one roundtrip rideshare expense or up to three (3) days of rental expense, with supporting documentation.

NOTICE

VIN inquiry data for this repair is provided for tracking purposes only. Kia retailers should reference **SC295** when accessing the KDealer+ system.

