



GROUP	MODEL
<b>Voluntary Service Campaign</b>	<b>2023-2024MY Niro EV (SG2 EV) and EV6 (CV)</b>
NUMBER	DATE
<b>SC345</b>	<b>August 2025</b>

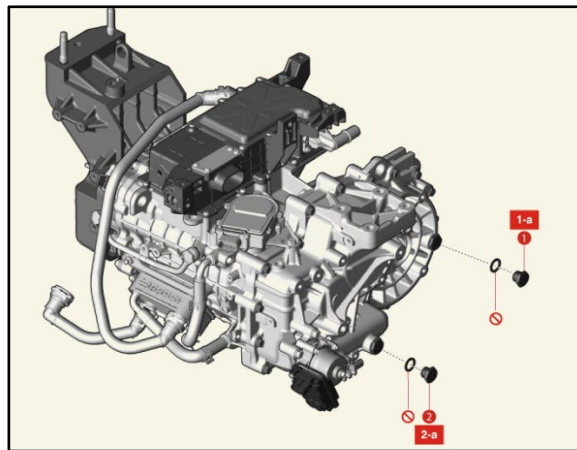
## VOLUNTARY SERVICE CAMPAIGN

### FRONT MOTOR REDUCTION GEAR

### OIL REPLACEMENT (SC345)

SUBJECT:

This bulletin provides information to replace the front motor reduction gear assembly gear oil on certain 2023-2024MY Niro EV (SG2 EV) vehicles produced from December 12, 2022 through February 7, 2024 and EV6 (CV) vehicles produced from December 14, 2022 through February 22, 2024. During the production of the subject vehicles, the amount of gear oil in the front motor and reduction gear assembly may have been filled below factory specification. If the gear oil level is lower than Kia's factory specifications, the subject vehicles may eventually produce a grinding noise or whining noise from the front of the vehicle while driving. Follow the procedure outlined in this publication to drain and refill the front motor reduction gear oil on the applicable vehicle. Before conducting the procedure, verify that the vehicle is included in the list of affected VINs.



#### NOTICE

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.

Repair Procedure:

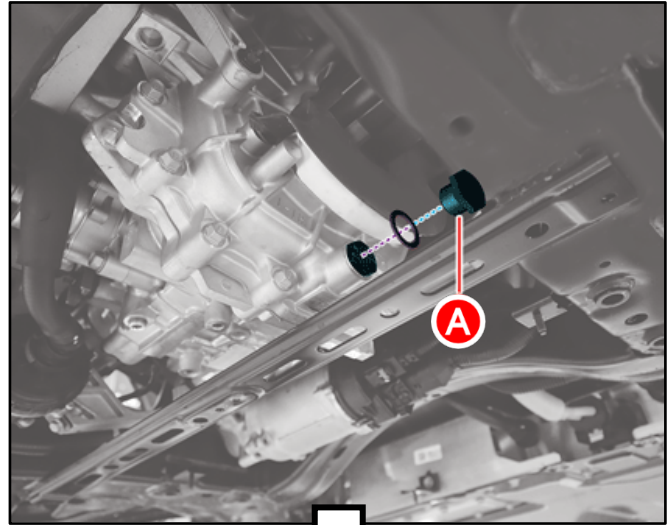
**⚠ DANGER**


When performing this procedure, follow all EV battery safety precaution procedures found in the “General Information → General Safety Information and Caution” chapter in the Shop Manual on KGIS and wear all required Personal Protection Equipment (PPE). Failure to follow the safety instructions may result in serious electrical injuries.

1. Replace the front motor reduction gear oil by referring to “Motor and Reduction Gear System → Front Motor and Reduction Gear System → Front Motor and Reduction Gear Oil → Replacement” in the applicable Shop Manual on KGIS.

**📄 NOTICE**

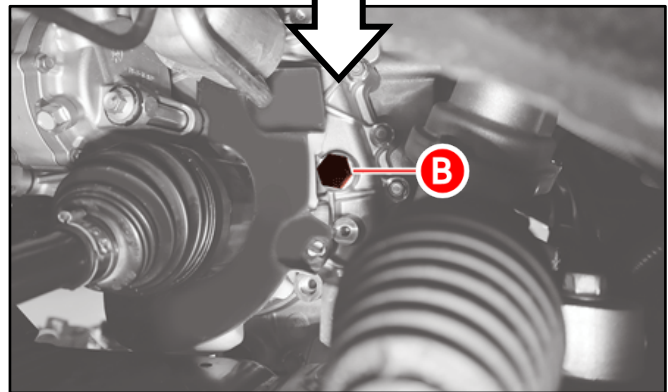
Allow the gear oil to drain for at least **10 minutes.**



2.  Tightening torque for plugs (A and B): 32.5 - 43.4 lb.ft (44.1 - 58.8 N.m)

**🚫 IMPORTANT**

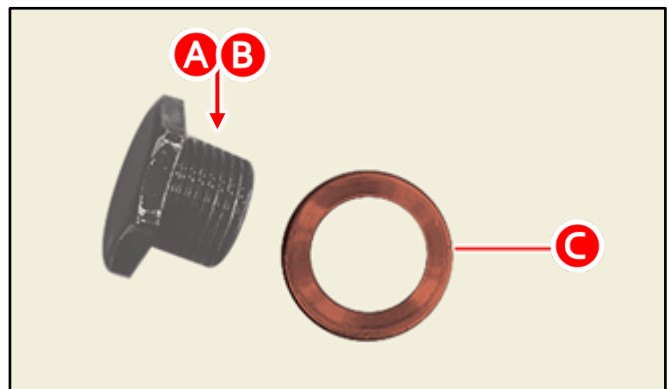
Be careful not to allow foreign substance to enter through the drain or filler holes. **DO NOT** reuse the oil drain and filler plug gaskets (C).



- Drain Plug (A)
- Fill Plug (B)
- Drain/Fill Plug Gasket (C)

Use **Kia Genuine ATF SP4M-1: PN UM022 CH269 (1 liter)**

Model	Gear Oil Capacity
Niro EV	2.3L
EV6	3.0L





SUBJECT:

## FRONT MOTOR REDUCTION GEAR OIL REPLACEMENT (SC345)

## AFFECTED VEHICLE RANGE:

Model	Production Date Range
Niro EV (SG2 EV)	December 12, 2022 to February 7, 2024
EV6 (CV)	December 14, 2022 to February 22, 2024

## REQUIRED PART:

Part Name	Part Number	Figure	Qty.	Comments
Plug Gasket	45323 39000QQK		2	For both oil drain <u>and</u> filler plugs.
Gear Oil	UM022 CH269		3	Max fill: Qty. 3.0L (EV6) Qty. 2.3L (Niro)

**Note:** When scheduling a customer repair with limited parts availability and parts ordering restriction requiring VIN entry to order the part, it is recommended that the part be ordered at the time the appointment is scheduled so that it can be available when the customer arrives at your dealer on the appointment date.

## 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	44000 18FBO	0	(SC345) Front Reduction Gear Oil Replacement	250060R4	0.5 M/H	45323 39000QQK <u>and</u> UM022 CH269	2
SG2 EV		36501 OEDA0			250060R5			3

Refer to Warranty Bulletin 2025-20 for claim submission procedures. For Substitute Transportation policy, please refer to [Service Policy and Procedures Manual \(SPPM\) 6.11](#) "Kia Substitute Transportation".

## NOTICE

VIN inquiry data for this repair is provided for tracking purposes only. Kia retailers should reference SC345 when accessing the KDealer+ system.

