



GROUP	MODEL
Safety Recall Campaign	2023MY Forte (BDm)
NUMBER	DATE
SC259	December 2022

SAFETY RECALL CAMPAIGN

FRONT LEFT STEERING KNUCKLE

SUBJECT:

INSPECTION/REPLACEMENT (SC259)

This bulletin provides information to inspect and, if necessary, replace the front left steering knuckle on certain 2023MY Forte (BDm) vehicles produced from October 21, 2022 through November 7, 2022. The front left steering knuckle in the subject vehicles may have been cast improperly during production at the supplier. An improperly cast knuckle can fracture and may result in the loss of steering control. Loss of steering control increases the risk of a crash. Follow the procedure outlined in this publication to inspect the front left steering knuckle and, if necessary, replace it with a new one. Before conducting the procedure, verify that the vehicle is included in the list of affected VINs.



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.

NOTICE

To assure complete customer satisfaction, always remember to refer to WebDCS Warranty Coverage (validation) Inquiry Screen (Service → Warranty Coverage → Warranty Coverage Inquiry) for a list of any additional campaigns that may need to be performed on the vehicle before returning it to the customer.

Inspection Procedure:

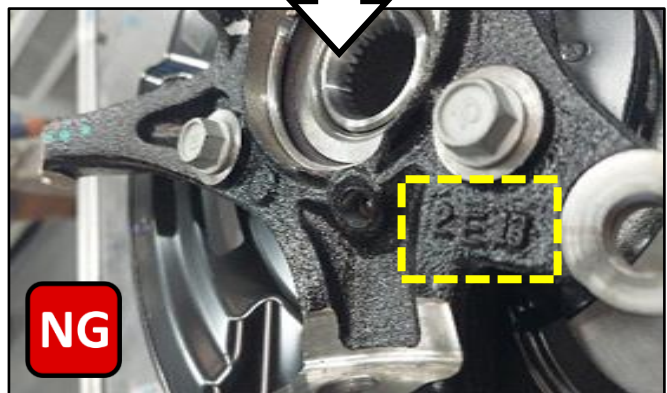
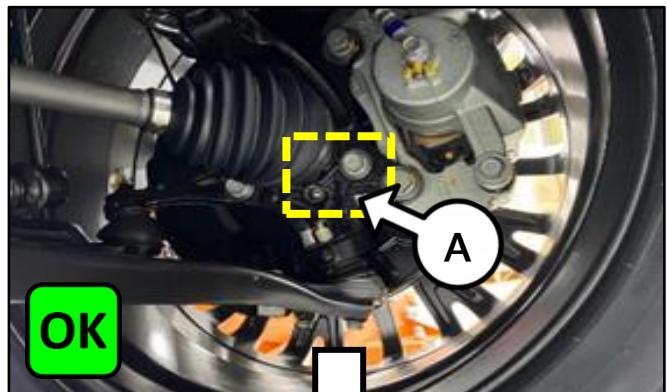
1. Raise the vehicle on a lift so that the tires are not touching the ground.
2. Open the driver door and turn the steering wheel counterclockwise (left).

Note: Raise vehicle high enough to view the inside of the wheel area.



3. Inspect the left front knuckle (A) casting lot number to confirm the following condition:

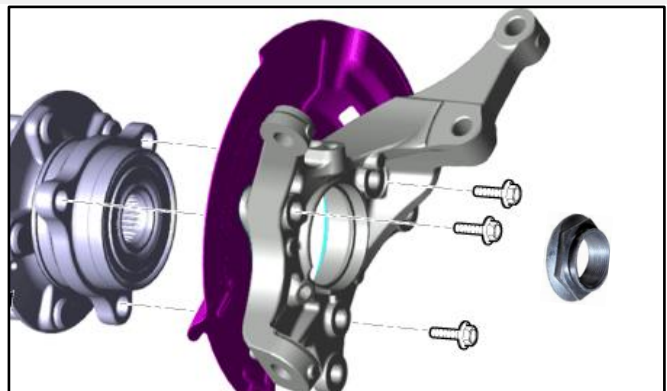
- The casting lot number **IS NOT** 2E13 (OK). No further action is required.
- The casting lot number **IS** 2E13 (NG). Proceed to the "Replacement Procedure" below.

**Replacement Procedure:**

1. Replace the front left knuckle assembly (A) by referring to "Driveshaft and Axle → Front Axle Assembly → Repair procedures" in the applicable Shop Manual on KGIS.

Note: Drive Lock Hub Nut must be replaced.

2. Perform wheel alignment. (Before and After alignment printout is required for claim).
3. Confirm normal vehicle steering operation.





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AFFECTED VEHICLE RANGE:

Model	Production Date Range
Forte (BDm)	October 21, 2022 to November 7, 2022

REQUIRED TOOL:

Tool Name	Figure	Comments
Knuckle Remover		SST 09568 34000
Driveshaft Remover		SST 09517 4E000

REQUIRED PART:

Part Name	Part Number	Figure	Qty.
Knuckle (LH)	51715 F2000		1
Drive Lock Hub Nut	49551 3X000		1

Do not order parts for stocking purposes related to this Campaign. The parts are only needed in cases where the inspection results in a (NG) 2E13 cast knuckle found to be installed on the vehicle. The inspection process does not require the parts to be replaced.

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.
R	51715 F2000	0	(SC259) Front LH Knuckle Inspection	221M16R0	0.3 M/H	N/A	0
		1	(SC259) Front LH Knuckle + Inspection + Replacement + Wheel Alignment	221M16R1	1.8 M/H	49551 3X000	1

Attach a complete copy of the alignment sheets, including (before and after alignment specifications)". Use Attachment Type; **"AL-Alignment"**. Refer to Warranty Bulletin 2022-43 for claim submission procedures.

 NOTICE

VIN inquiry data for this repair is provided for tracking purposes only. Kia retailers should reference SC259 when accessing the WebDCS system.