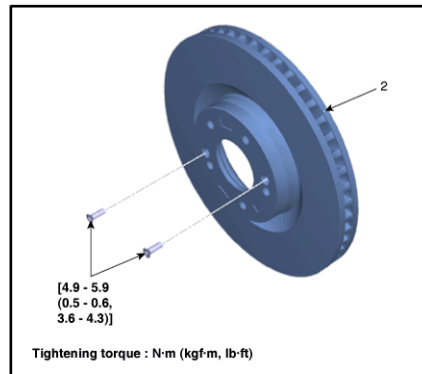
	GROUP	MODEL
	CHA	2021-2024MY Sorento (MQ4a) and 2023-2024MY Sportage (NQ5a)
	NUMBER	DATE
	126V	October 2024

TECHNICAL SERVICE BULLETIN

SUBJECT:

FRONT BRAKE DISC JUDDER INSPECTION AND REPLACEMENT

This bulletin provides information to address vehicles that may be exhibiting front brake judder sensation while braking on certain 2021-2024MY Sorento (MQ4a) vehicles produced from July 26, 2021 through March 28, 2024 and 2023-2024MY Sportage (NQ5a) vehicles produced from January 7, 2022 through May 20, 2024. Brake judder is a vibration or pulsing sensation felt in the steering wheel, brake pedal, and/or seat when the brakes are applied while driving. Follow the procedure outlined in this publication to inspect the vehicle for a brake judder concern and if applicable, replace the front brake discs and related parts listed in this publication on the affected vehicle.



NOTICE

A Technical Service Bulletin is a field fix repair program without customer notification that may be performed during the warranty period.

This bulletin should only be performed with valid customer complaint of front brake judder.

Repair status for a VIN is provided on KDealer+ (Service → Warranty Coverage → Warranty Coverage Inquiry). If CHA126V is complete, subsequent or follow-up concerns must be addressed according to normal Service/Warranty Guidelines.

Inspection Procedure:**BEFORE PERFORMING THIS TSB:**

Customer complaint of brake judder must be stated in the opening RO and Claim Notes.

NOTICE

Safely, test drive the vehicle and accelerate to 50 mph (where the speed limit is allowed, and minimal traffic flow is available). A straight and long open road/highway is recommended.

1. Apply the brake pedal using moderate force (about 0.3g deceleration rate) and slow the vehicle down to 10 mph from 50 mph. This action should take approximately 6 seconds.
2. With as little cooling time as possible, repeat the braking instructions from step 1 for a total of ten (10) times.

Note: Monitor brake performance each time.

3. Was brake judder (steering wheel/front vehicle vibration or pulsing) present during braking?
 - **Yes (NG)** - Proceed to the 'Replacement Procedure' to replace both front discs (rotors) on the affected vehicle model.
 - **No (OK)** - No action is required, claim the inspection Op Code for the applicable model vehicle.

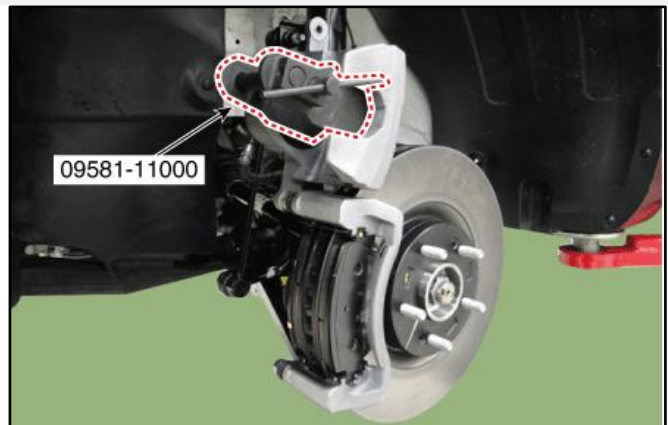
Note: As per the Warranty and Consumer Information manual, Brake linings, including pads and shoes, and clutch linings are warranted for 12 months/12,000 miles, whichever comes first, if they fail to function properly during normal use. Brake linings are designed to wear out as part of the process of stopping your vehicle safely and consistently while providing reasonable levels of noise and vibration during normal use. **Brake Pads are not eligible for replacement under this TSB.**

Replacement Procedure:

1. Replace both front brake discs by referring to "Brake System → Brake System → Front Brake Disc → Repair procedures" in the applicable Shop Manual on KGIS.

IMPORTANT

Caliper carrier guide mounting bolts are not reusable. Install new parts. SST PN 09581 1100 is required. Refer to torque specifications outlined in the shop manual on KGIS.




SUBJECT:

FRONT BRAKE DISC JUDDER INSPECTION AND REPLACEMENT**AFFECTED VEHICLE RANGE:**

Model	Production Date Range
Sorento (MQ4a)	July 26, 2021 to March 28, 2024
Sportage (NQ5a)	January 7, 2022 to May 20, 2024

REQUIRED TOOL:

Tool Name	Part Number	Figure	Comments
Piston Expander	09581 11000		

REQUIRED PART:

Part Name	Part Number	Figure	Qty.
Front Brake Disc (MQ4a)	51712 R5000*	N/A	2
Front Brake Disc (NQ5a)	51712 L0100*		2
Caliper Guide Bolt (MQ4a)	58163 33000	N/A	2
Caliper Guide Bolt (NQ5a)	58163 1G000		2

***Once the repair is performed and the brake rotors are replaced, TSB CHA126V is complete. Any subsequent or follow-up concerns must be addressed according to normal Service/Warranty Guidelines.**



SUBJECT:

FRONT BRAKE DISC JUDDER INSPECTION AND REPLACEMENT

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.
MQ4a	V	51712 R5000	2	Front Brake Judder Inspection (OK)	240A34I0	0.2	N/A	0
				Brake Judder Inspection (NG) + Front Disc Replacement*	240A34R0	0.7	58163 33000	4
NQ5a		51712 L0100	2	Front Brake Judder Inspection (OK)	240A34I1	0.2	N/A	0
				Brake Judder Inspection (NG) + Front Disc Replacement*	240A34R1	0.7	58163 1G000	4

*Once the repair is performed and the brake rotors are replaced, TSB CHA126V is complete. Any subsequent or follow-up concerns must be addressed according to normal Service/Warranty Guidelines. **As per the Warranty and Consumer Information manual, Brake linings, including pads and shoes, and clutch linings are warranted for 12 months/12,000 miles, whichever comes first, if they fail to function properly during normal use.**

