



Service Bulletin

Bulletin No.: 20-NA-079

Date: January, 2022

TECHNICAL

Subject: Front Brake Squeal Noise Heard During Light Brake Pedal Application

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Buick	Encore GX	2020	2022	—	—	All	All
Chevrolet	Trailblazer (VIN M)	2021	2022				

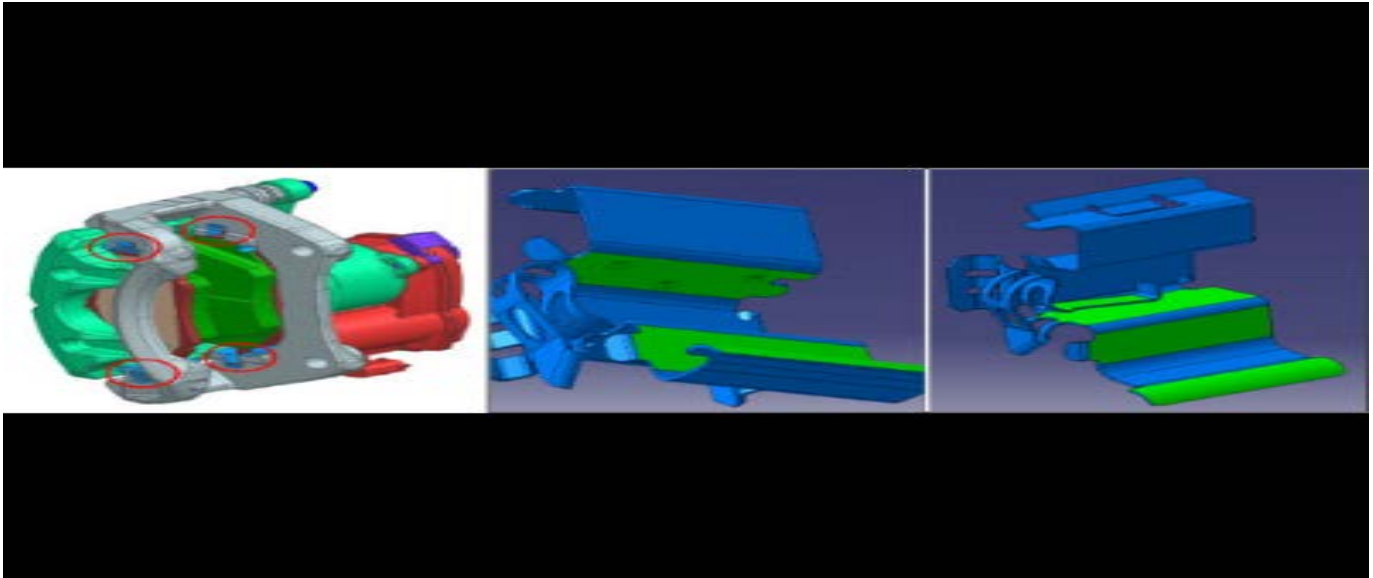
Involved Region or Country	United States, Canada, Except China
Condition	Some customers may comment on hearing a squeal noise originating from the front of the vehicle during light brake pedal application.
Cause	The squeal noise can occur during light brake pedal application at low vehicle speed when the brakes are first applied or lightly applied, such as exiting a parking lot. Occasionally this noise may appear from the front, while in Reverse, after a period of non-use such as overnight, or cold brakes and/or in high humidity conditions.
Correction	Note: Involved vehicles are marked "open" on the Investigate Vehicle History screen in GM Global Warranty Management system. This site should always be checked to confirm vehicle involvement prior to beginning of any required inspections and/or repairs. If you encounter a vehicle with the above concerns, complete the appropriate repair as designated by the Date Breakpoint in the Service Procedures below.

Service Procedures

- For vehicles within the range of SOP to March 20, 2020, replace the front brake pads and sensors, and apply grease following the New Replacement Front Brake Disc Pads and Sensors Service Procedure below.
- For vehicles built March 21, 2020 and later, jump ahead to the Remove and Reinstall Original Front Brake Disc Pads Service Procedure below.

New Replacement Front Brake Disc Pads and Sensors Service Procedure

1. Remove the front brake disc pads and sensors.
Refer to *Front Disc Brake Pads Replacement* in SI.



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Note: There are 4 Pad abutments per caliper. The green area shown above designates the required grease positions.

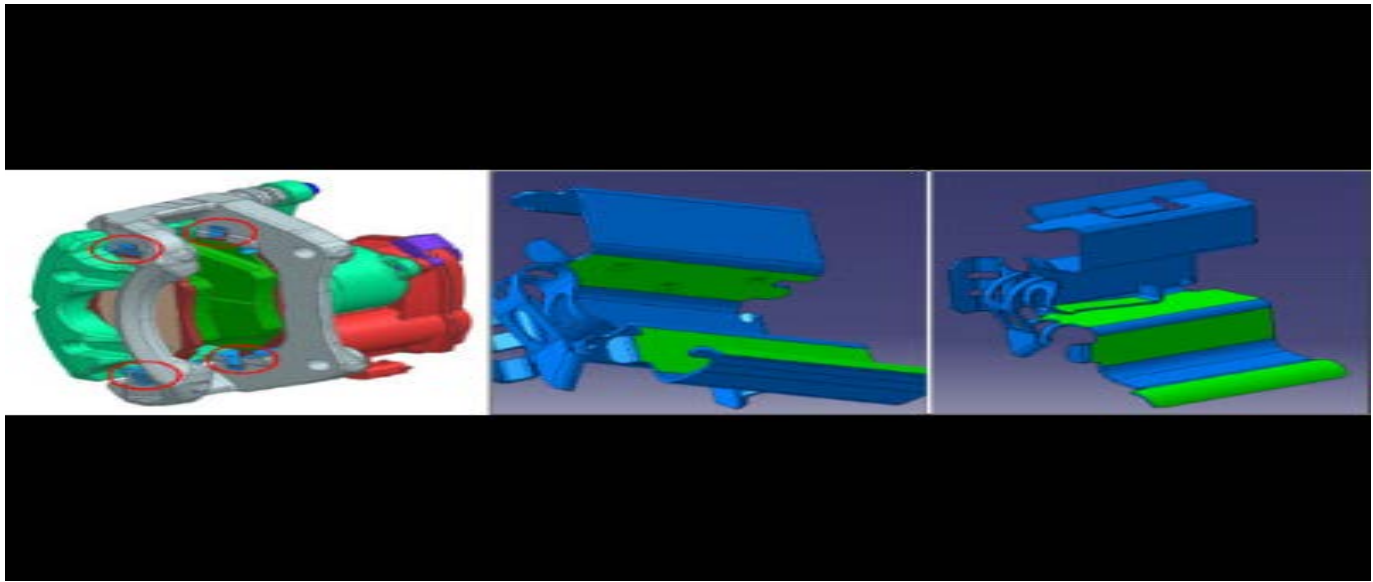
2. Clean the pad spring abutment area on the caliper and anti-rattle clip.

Note: The recommended grease volume is about 1.1 g per caliper.

3. Apply Molykote M-77 Grease (GM P/N 19356408) on caliper pad spring abutment and clip as shown in the graphic above.
4. Install new front brake disc pads and sensors. Refer to *Front Disc Brake Pads Replacement* in SI.
5. Verify brake noise has been eliminated.

Remove and Reinstall Original Front Brake Disc Pads Service Procedure

1. Remove, and retain, the front brake disc pads. Refer to *Front Disc Brake Pads Replacement* in SI.



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Note: There are 4 Pad abutments per caliper. The green area shown above designates the required grease positions.

2. Clean the pad spring abutment area on the caliper and anti-rattle clip.

Note: The recommended grease volume is about 1.1 g per caliper.

3. Apply Molykote M-77 Grease (GM P/N 19356408) on caliper pad spring abutment and clip as shown in the graphic above.
4. Then reinstall the existing pads. Refer to *Front Disc Brake Pads Replacement* in SI.
5. Verify brake noise has been eliminated.

Parts Information

Causal Part	Description	Part Number	Qty
X	PAD KIT, FRT DISC BRK	42747910	1
N/A	FRT DISC BRK PAD WEAR SENSOR	42726383	1
N/A	MOLYKOTE LUBRICANT, MULTI-PURPOSE M-77 PASTE	19356408 (in Canada, 19356409)	As needed

Warranty Information

For vehicles repaired under the Bumper-to-Bumper coverage (Canada Base Warranty coverage), use one of the following appropriate Labor Operations. Reference the Applicable Warranties section of Investigate Vehicle History (IVH) for coverage information.

Labor Operation	Description	Labor Time
2486218*	Front Disc Brake Pads and Sensor Replacement, Apply Grease	1.0 hr
2486228*	Remove and Reinstall Front Disc Brake Pads, Apply Grease	1.0 hr
*This is a unique Labor Operation for bulletin use only.		

Version	2
Modified	Released July 16, 2020 January 19, 2022 – Added Trailblazer Model, added 2022 Model Year, updated Service Procedures, Parts Information and Warranty Information.

