



# Service Bulletin

Bulletin No.: 20-NA-079

Date: March, 2022

## TECHNICAL

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

Brand:	Model:	Model Year:		Date Breakpoint		Engine:	Transmission:
		from	to	from	to		
Buick	Encore GX	2020	2022	SOP	February 14, 2022	All	All
Chevrolet	Trailblazer (VIN M)	2021	2022				

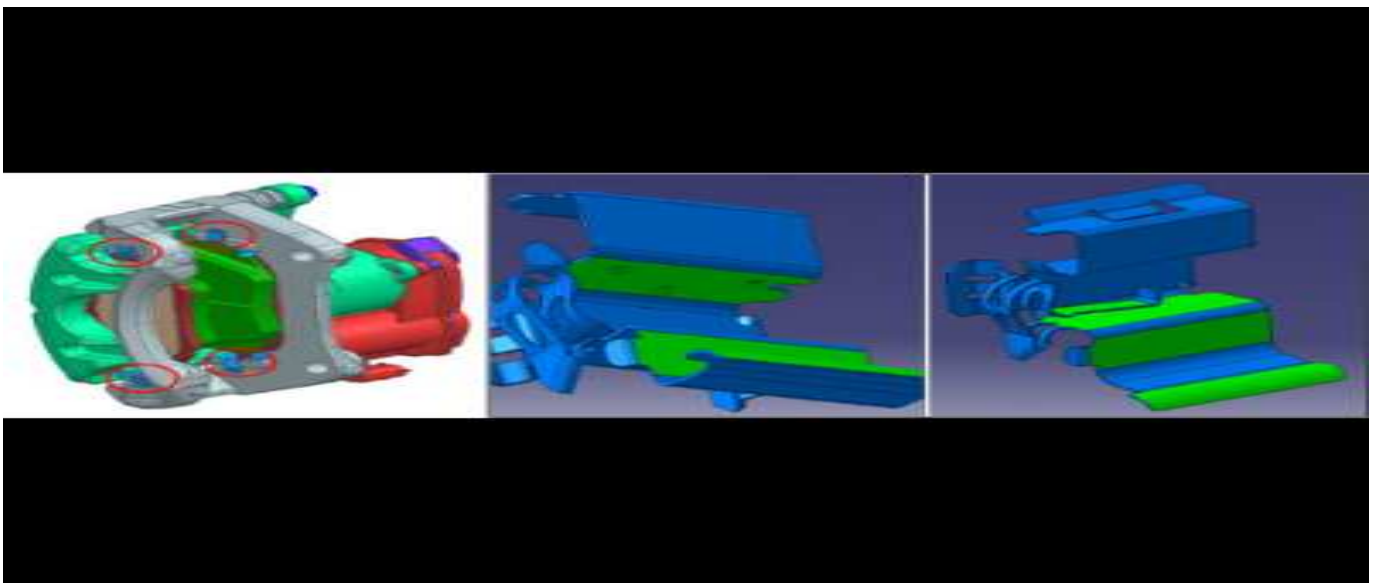
<b>Involved Region or Country</b>	United States, Canada, <b>Except China</b>
<b>Condition</b>	Some customers may comment on hearing a squeal noise originating from the front of the vehicle during light brake pedal application.
<b>Cause</b>	The squeal noise can occur during light brake pedal application 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.
<b>Correction</b>	<p><b>Note:</b> 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.</p> <p><b>Note:</b> Some brake noises are normal characteristics of all brake systems. These noises cannot be avoided and may not indicate improper operation of the brake system. Refer to <i>Disc Brake System Description and Operation</i> in the Service Manual</p> <p>If you encounter a vehicle with the above concerns, complete the appropriate repair as designated by the Date Breakpoint in the Service Procedures below.</p>

### 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 the Service Manual



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

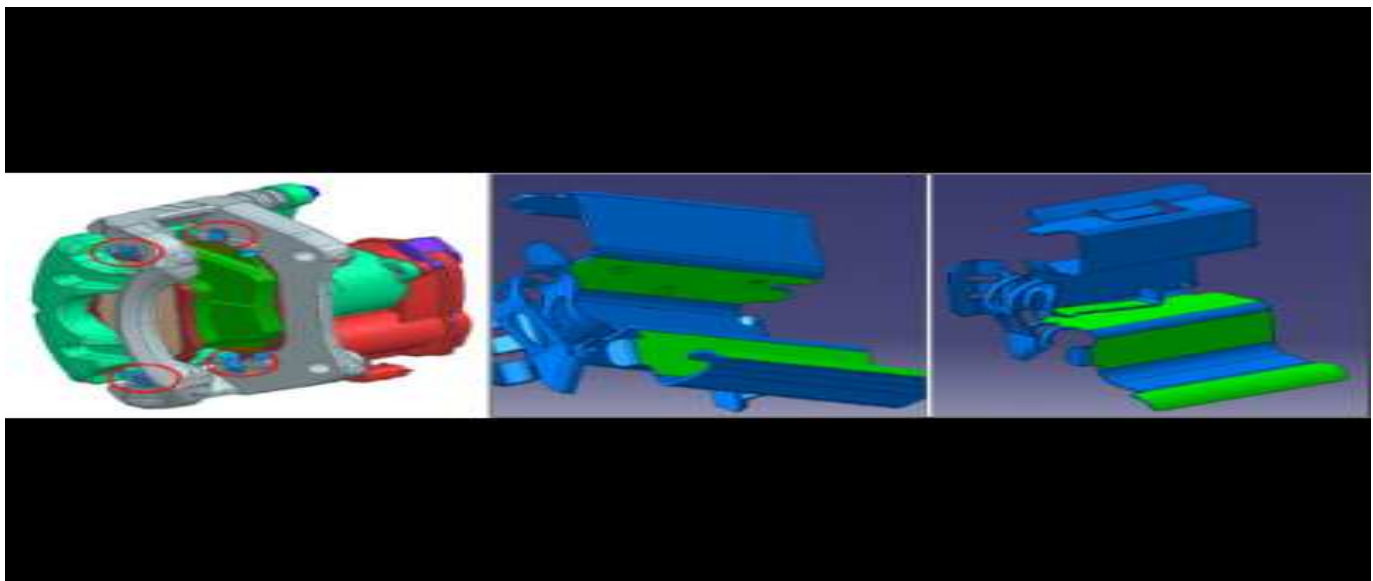
2. Clean the pad spring abutment area on the caliper and anti-rattle clip.

**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 the Service Manual
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 the Service Manual



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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 the Service Manual
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.		

<b>Version</b>	3
<b>Modified</b>	Released July 16, 2020 Revised January 19, 2022 – Added Trailblazer Model, added 2022 Model Year, updated Service Procedures, Parts Information and Warranty Information. Revised March 23, 2022 – Added Date Breakpoint and a Second Note to the Correction.

