

**46-22-01 - Front of Vehicle Rattle/Knocking Noises when Driving on Poor Roads**

Release date: 4/24/2023

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## Condition

Applicable Vehicles						
Model(s)	Year	Eng. Code	Trans. Code	VIN Range From	VIN Range To	PR Code
ID.4	2021-2023	All	All	All	All	1LC, 1LN

Revision Table			
Instance Number	Published Date	Version Number	Reason For Update
2066944/2	04/24/2023	46-22-01	Updated to include additional model year applicability.
2066944/1	5/18/2022	46-22-01	Original publication.

When driving over bumps or on poor roads, rattling/knocking noises can be heard from the front of vehicle.

## Technical Background

Current production lower retaining plates for brake pads allowing brake pads to shift causing a rattle noise.

## Production Solution

Production solution is pending.

## Service

Replace lower retaining plates for brake pads on the front brake system (left/right).

**Note:**

It is not necessary to replace the front brake pads to resolve this complaint. Replace only the lower retaining plates on both the left and right side.

**Tip:**

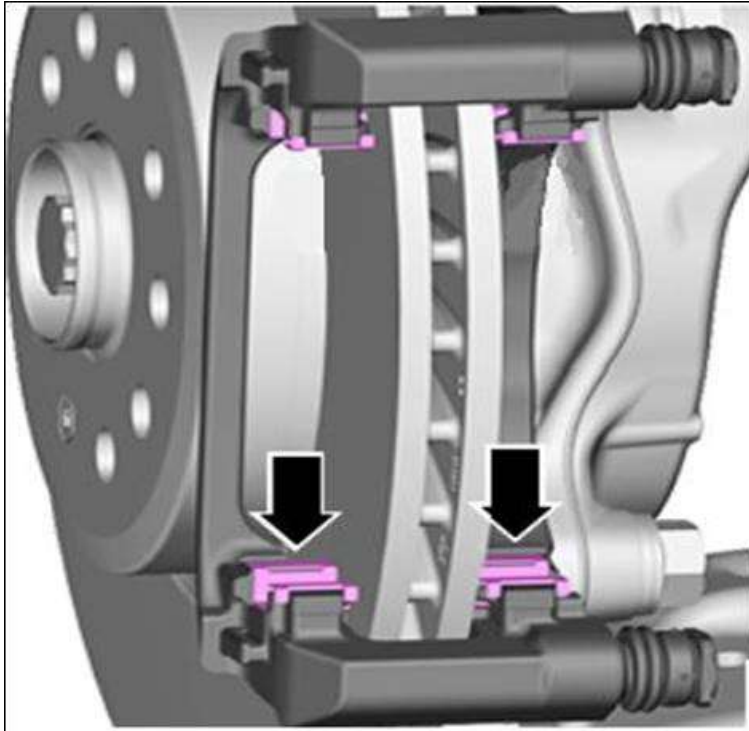
During this repair the front brake pads can be measured to see if they are at or near the wear limit. Brake pads are a maintenance item and are not covered for replacement by this Technical Service Bulletin. Coverage can be found in the Warranty Policy and Procedures Manual.



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- Remove the front brake pads and lower retaining plates according to the repair manual (Figure 1, arrows).



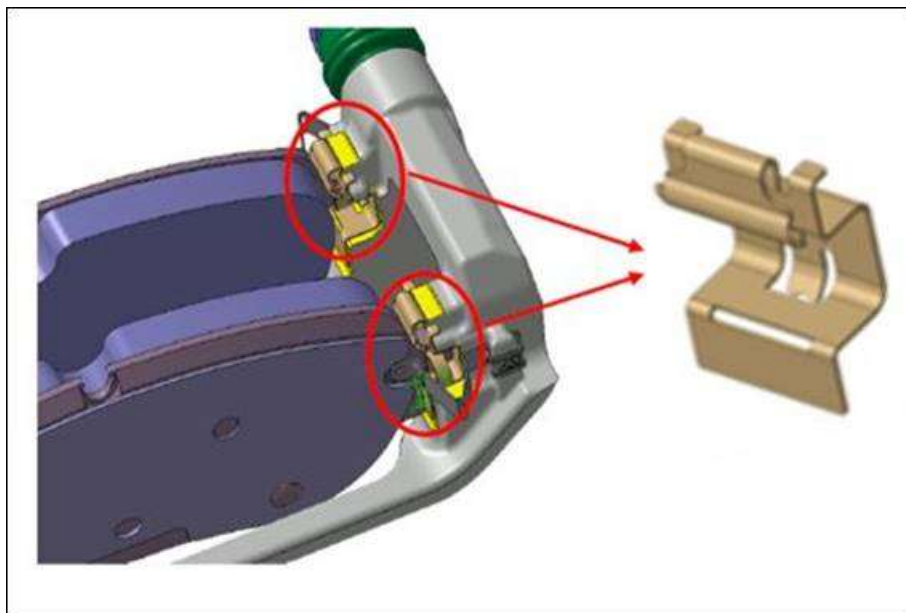
**Figure 1: Front left brake system**

- Clean/remove dust from brake calipers and brake pads.

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- Install new lower retaining plates for brake pads (part number 1EA 615 231 B, see Figure 2) together with the original brake pads according to the repair manual.



**Figure 2: Retaining plates for the front brake pads.**



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**Warranty****To determine if this procedure is covered under Warranty, always refer to the Warranty Policies and Procedures Manual <sup>1)</sup>**

Model(s)	Year(s)	Eng. Code(s)	Trans. Code(s)	VIN Range From	VIN Range To
ID.4	2021-2023	All	All	All	All
<b>SAGA Coding</b>					
<b>Claim Type:</b>			<b>Use applicable Claim Type <sup>1)</sup></b>		
<b>Service Number:</b>	<b>Damage Code</b>	<b>HST</b>		<b>Damage Location (Depends on Service No.)</b>	
4636	0018	--		Use applicable when indicated in Elsa (L/R)	
<b>Parts Manufacturer</b>		ID.4		WWO <sup>2)</sup>	
<b>Original Part Number:</b>			0204L60305		
<b>Labor Operation <sup>3)</sup></b> : Remove and Install Front Wheels			44052000 = See Elsa for latest time units.		
<b>Labor Operation <sup>3)</sup></b> : Pads for front disc brakes remove+reinstall			46362050 = See Elsa for latest time units.		
<b>Causal Part:</b>			1EA 615 231 B		
<b>Diagnostic Time <sup>4)</sup></b>					
<b>GFF Time expenditure</b>	01500000 = Actual GFF print out			NO	
<b>Road Test</b>	01210002 = 10 TU 01210004 = 10 TU			YES	
<b>Technical Diagnosis</b>	01320000 = 00 TU max.			NO	
<b>Claim Comment:</b> Input "As per Technical Bulletin 2066944" in comment section of Warranty Claim.					
<sup>1)</sup> Vehicle may be outside any Warranty in which case this Technical Bulletin is informational only.					

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- <sup>2)</sup> Code per warranty vendor code policy.
- <sup>3)</sup> Labor Time Units (TUs) are subject to change with ELSA updates.
- <sup>4)</sup> Documentation required per Warranty Policies and Procedures Manual.

## Required Parts and Tools

Part No:	Part Description	Quantity
1EA 615 231 B	Guide (Retaining Plate)	4
<b>Part numbers are accurate at time of publication. Always refer to ETKA for the latest part information.</b>		

No Special Tools required.

## Additional Information

All part and service references provided in this Technical Bulletin are subject to change and/or removal. Always check with your Parts Dept. and Repair Manuals for the latest information.