

June 20, 2022

Version 3

Front Brake Squeal When Applied at Low Speeds

Supersedes 22-002, dates February 17, 2022, to revise the information highlighted in yellow.

AFFECTED VEHICLES

Year	Model	Trim Level	VIN Range
2021	TLX 2.0L only	ALL	ALL
2022	TLX 2.0L only	Base 2WD	19UUB5...NA000001 thru 19UUB5...NA002135
		Tech 2WD	19UUB5...NA000001 thru 19UUB5...NA001605
		Tech Advance 2WD	19UUB5...NA000001 thru 19UUB5...NA001549
		Base AWD	19UUB6...NA000001 thru 19UUB6...NA001569
		Tech AWD	19UUB6...NA000001 thru 19UUB6...NA001231
		Advance AWD	19UUB6...NA000001 thru 19UUB6...NA001203
		Tech Advance AWD	19UUB6...NA000001 thru 19UUB6...NA000959

REVISION SUMMARY

Under AFFECTED VEHICLES, 2022 VIN Range has been revised.

SYMPTOM

The front brakes make a high-pitched squeal when lightly applied at **15 mph** or less.

NOTE: The front brakes stop squealing once they're warmed up.

POSSIBLE CAUSE

There is insufficient damping between the front brake pads and shims.

CORRECTIVE ACTION

Replace the front brake pads.

PARTS INFORMATION

Part Name	Part Number	Quantity
Front Brake Pads	45022-TGV-A01	1

CLIENT INFORMATION: The information in this bulletin is intended for use only by skilled technicians who have the proper tools, equipment, and training to correctly and safely maintain your vehicle. These procedures should not be attempted by "do-it-yourselfers," and you should not assume this bulletin applies to your vehicle, or that your vehicle has the condition described. To determine whether this information applies, contact an authorized Acura automobile dealer.

WARRANTY CLAIM INFORMATION

The normal warranty applies.

Operation Number	Description	Flat Rate Time	Defect Code	Symptom Code	Template ID	Failed Part Number
410150	Replace the front brake pads	0.4 hr	01401	03217	B22002A	45022-TGV-A00
G	i-HDS brake pressure initiation	0.1 hr				

Skill Level: Repair Technician

INSPECTION PROCEDURE

Check if you hear the front brakes squealing under the following conditions:

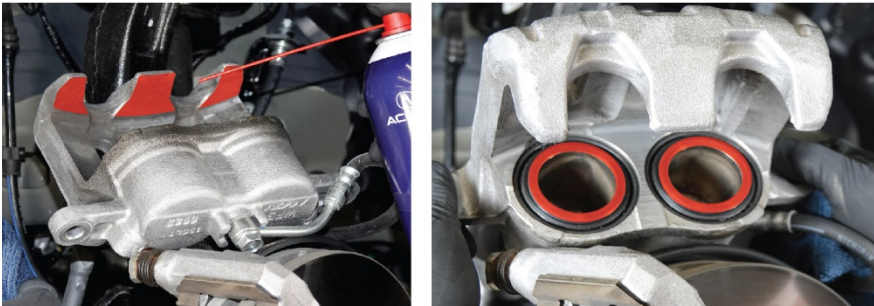
- You hear a high-pitched squeal with light brake application at **15 mph** or less.
- The squeal is most frequently heard after the vehicle has been sitting for an extended amount of time.
- The squeal is most frequent when the ambient temperature is below **50° F**.
- The squeal goes away when the brakes are warmed up or after several stops.

NOTE: If the high-pitched squeal does not meet the described symptoms, this bulletin does not apply. Continue with normal troubleshooting.

REPAIR PROCEDURE

Front Brake Pad Replacement

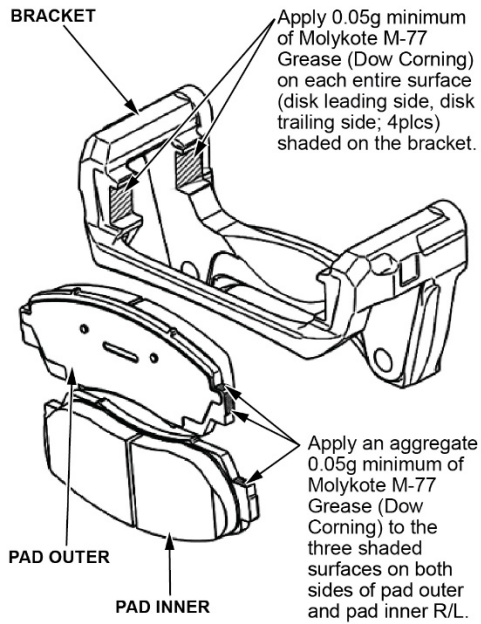
1. Before applying the brake pads, **completely degrease and clean the highlighted areas shown below.**



2. The brake pads now come with the shim glued to the back of the pad.



3. Remove old retainers and clean where the retainers seat on the bracket.
4. Apply grease to the brackets and pads. Install the new retainers.



5. Install the pads to the bracket, **remove** the sticker fixed to the back of the shim and install the caliper body.
- NOTE: Before installing the brake pads, make sure there is no grease on the outer support area of the caliper body.

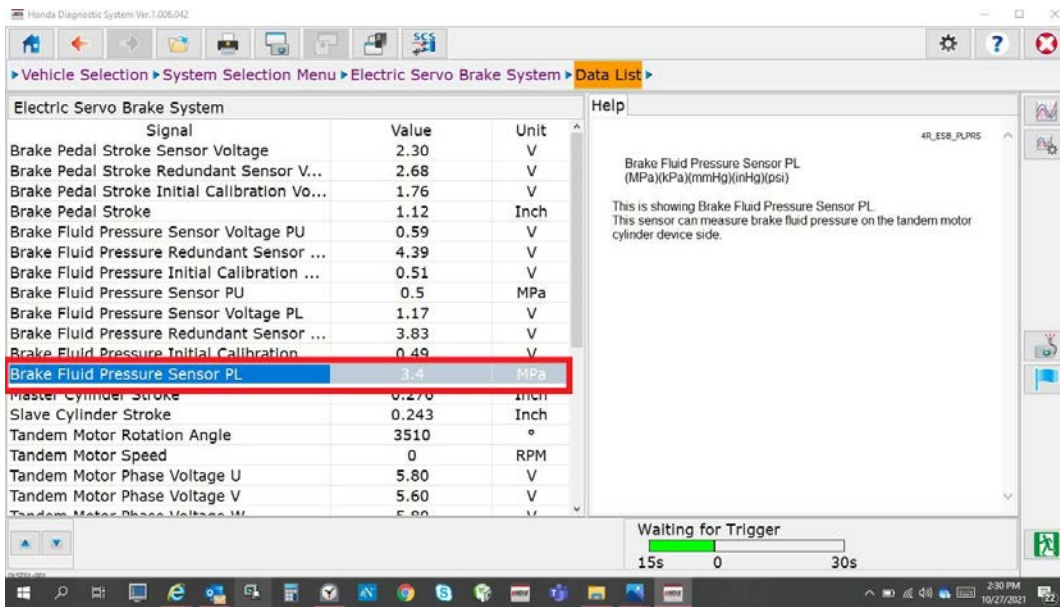


- Do not touch the adhesive when installing the brake pads.
- Keep dirt or other contaminants off the adhesive.
- The new pads do not come with V-Springs. V-Springs are not required, and you will need to discard the previous set.



Brake Pad Bond Procedure

1. Connect the i-HDS and proceed to **Electric Servo Brake System**.
2. Go to the data list and locate the **Brake Fluid Pressure Sensor PL**.



3. Press on the brake pedal until you achieve **3.0 MPa or higher** and hold it for **10 seconds**.
4. Test drive the vehicle multiple times to make sure the squeal is gone. Make sure that the brakes cool down in between test drives. If the brakes still squeal, this bulletin does not apply. Continue with normal troubleshooting.

NOTE: After installing these brake pads, if you remove brake pads, you must replace them with new ones; you cannot reapply the used brake pads.

END