



Mitsubishi Motors North America, Inc.
TECHNICAL SERVICE BULLETIN

SUBJECT:

**NOISE FROM BRAKE CALIPER WHEN BRAKING
OR CORNERING**

No: TSB-24-35-001

Version: 3

Reason for change: Part update

Date: October 10, 2025

TO: Mitsubishi Motors US and Puerto Rico Dealer Principals, General Managers, Service Managers, Service Advisors, Parts Managers, Technicians and Warranty Administrators

AFFECTED VEHICLES

MY 22-24 Outlander

MY 23-24 Outlander PHEV

CUSTOMER COMPLAINT

Noise from front brake caliper(s) when Braking or Cornering

CAUSE

During braking or cornering, a noise may emanate from the front brake caliper(s). The front brake pad retainers, due to their rigidity, shift with the brake pad's movement under braking conditions. This displacement can lead to deformation of the retainer, resulting in interference with the brake disc and subsequent contact between the brake pad retainer and the brake disc.



Technical Service Bulletin

REMEDY

It is imperative to perform thorough cleaning of brake dust from the brake caliper bracket, as its essential to ensure proper adhesion of the new brake pad retainers to the brake caliper bracket.

Note: The brake pad retainer shapes differ between the upper (Pink dot) and lower (green dot), refer to the pictures in the parts information section in this document, ensure proper installation.

If the front brake disc(s) is damaged due to the interference of the brake pad retainers, perform an on-car lathe resurfacing procedure according to the brake disc usage limit parameters. If the brake disc wear limit is exceeded (27.4mm, 1.079in) replace the brake disc(s) in conjunction with the brake pad retainers.

If a repeat visit occurs following the application of the prescribed remedy, initiate a Techline Case. Ensure that TSB-24-35-001 Version 3 is referenced in the Techline case details. Additionally, document the Techline case number in the repair order on the concern line.

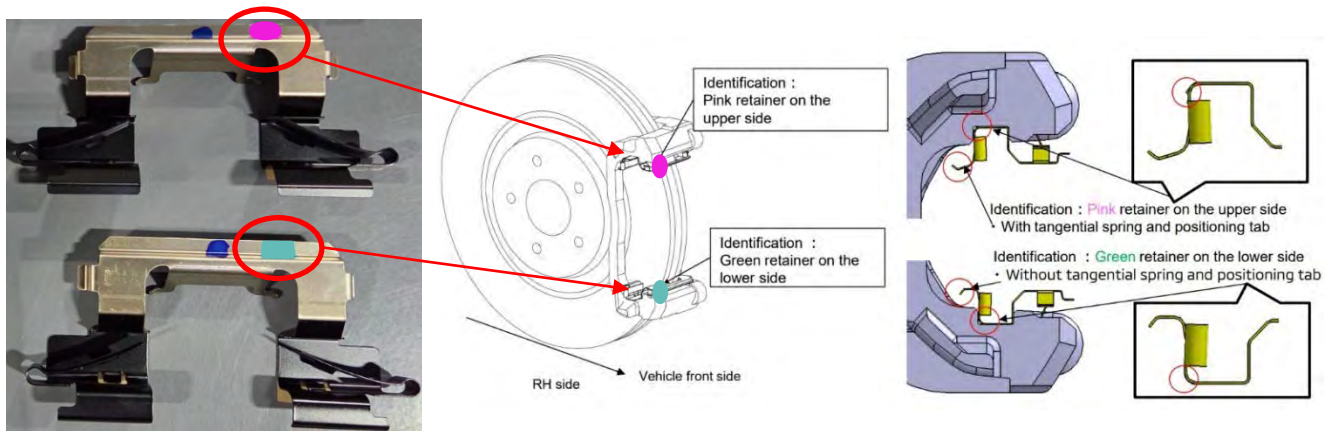
Note: This remedy corresponds to a specific cause. Make sure to match correct Cause with Remedy.

Refer to the Service Manual Group 35 as needed along with this TSB to replace the brake pad retainers.



Technical Service Bulletin

Parts Information				
Model	Parts Name	New Part Number	Quantity	Remarks
Outlander/ Outlander PHEV	KIT-PAD CLIP	41097W030P	1 Kit/car	1 Kit contains 4 pcs, and 2pcs are necessary per each.





Technical Service Bulletin

Labor Information					
Labor Operation Code	Front Brake Retainers	Front Brake Disc (Only as needed with check sheet & measurements)			Labor Hours
		1 Side	Both Sides		
	Both Sides	Replace	Replace	Resurface	
352251MW	x				0.6
352251MX	x	x			0.9
352251MY	x		x		1.1
352251MZ	x			x	1.9

*When Replacing the Brake Disc (352251MX, 352251MY,352251MZ), All claims for brake disc resurfacing and replacement must include a completed Brake Disc Check Sheet see below. This document should be retained with the dealer's Repair Order records and made available upon request.



Technical Service Bulletin

Brake Disc Check Sheet			
Model			
VIN			
Mileage			
Front Disc Brake 1	Item	Limit	Measurement Data
	Wear thickness	27.4 mm (1.079inch)	
Front Disc Brake 2	Item	Limit	Measurement Data
	Wear thickness	27.4 mm (1.079inch)	



Technical Service Bulletin

Disclaimer

NOTE: The information contained in this document is intended for use by trained, professional technicians with the knowledge to properly and perform diagnosis and repairs on Mitsubishi vehicles, using Mitsubishi Motors approved tools and equipment. It informs service technicians about conditions that could occur in certain vehicles and provides information that could assist in proper vehicle diagnosis, service, or repair. It does not indicate that a defect is present in any vehicle referenced in this document nor does it imply that the described repairs are covered under warranty. DO NOT assume that a symptom or condition, or a described cause of a symptom or condition, affects any particular vehicle or groups of vehicles, or that a described repair applies to any particular vehicle or groups of vehicles. There can be multiple causes resulting in the same or similar symptoms or conditions described in this document and trained professional service technicians must use their diagnostic skills to make evaluations on a case-by-case basis. The information contained in this document does not guarantee warranty coverage nor does it extend the vehicle's warranty in any way.