

Technical Service Bulletin (TSB)
Brake Thumping Noise

REFERENCE:	TSB: 05-004-23 GROUP 05 - Brakes	Date:	July 14, 2023	REVISION:	-
VEHICLES AFFECTED:	2021 - 2022 (GU) Alfa Romeo Stelvio This bulletin applies to vehicles built on or after August 05, 2021 (MDH 0805XX) and on or before October 11, 2022 (MDH 1011XX) equipped with the 2.0L I4 DI Turbo Engine W/ESS (Sales Code EC2).	MARKET APPLICABILITY:			
		<input checked="" type="checkbox"/> NA		<input type="checkbox"/> MEA	
		<input type="checkbox"/> SA		<input type="checkbox"/> IAP	
		<input type="checkbox"/> EE		<input type="checkbox"/> CH	
CUSTOMER SYMPTOM:	Customer may experience a thumping noise and/or pulsation while braking.				
CAUSE:	Possible rust accumulation on disc brake rotors				

This Technical Service Bulletin (TSB) has also been released as a Rapid Service Update (RSU) 23-210, date of issue July 14, 2023. All applicable RSU VINs have been loaded. To verify this RSU service action is applicable to the vehicle, use VIP or perform a VIN search in DealerCONNECT/Service Library. All repairs are reimbursable within the provisions of warranty. This RSU will expire 18 months after the date of issue.

REPAIR SUMMARY:

This bulletin involves inspecting and if necessary replacing the front and rear left and right brake pads and retention springs and brake rotors.

CLAIMS DATA:

Labor Operation No:	Labor Description	Skill Category	Labor Time
05-70-22-9A	Brake Noise/Pulsation - Inspect (1 - Semi-Skilled)	5 - Brakes	0.5 Hrs.
05-70-22-9B	Brake Noise/Pulsation - Inspect and Replace Front and Rear Brake Pads And Retention Springs (1 - Semi-Skilled)	5 - Brakes	1.0 Hrs.
05-70-22-9C	Brake Noise/Pulsation - Inspect and Replace Front and Rear Brake Pads And Retention Springs And Rotors (1 - Semi-Skilled)	5 - Brakes	1.5 Hrs.
Failure code	ZZ	Service Action	

SPARE PARTS:

Qty	Part No.	Description	Notes
1 (AR)	68584343AA	Brake Pads (1 Couple)	Rear
1 (AR)	68584361AA	Brake Pads (1 Couple)	Front
2 (AR)	68309164AA	Front Spring	
2 (AR)	68275047AA	Rear Spring	
2 (AR)	68597492AA	Rear Rotor	
2 (AR)	68519374AA	Front Rotor	

DIAGNOSIS:

Using a Scan Tool (wiTECH) with the appropriate Diagnostic Procedures available in DealerCONNECT/ Service Library, verify all related systems are functioning as designed. If DTCs or symptom conditions, other than the ones listed above are present, record the issues on the repair order and repair as necessary before proceeding further with this bulletin.

If a customer's VIN is listed in VIP or your RSU VIN list, perform the repair. If any vehicle not on the VIN list exhibits the symptom/condition, perform the repair.

INSPECTION:

1. Perform Diagnosis And Testing - Brake Rotor Lot Rot. Refer to the detailed service procedures available in DealerCONNECT> Service Library under: 05 - Brakes / 05 - Brakes, Base / Diagnosis and Testing.
2. Once the brake system is at ambient temperature, check if pulsing/thumping noise is present while braking.
3. Is the brake noise/pulsation still present?
 - YES>>> Proceed to [Step 1](#) of the Repair Procedure.
 - NO>>> This bulletin is complete, use Inspect LOP (05-70-22-9A) to close the active RSU.

REPAIR PROCEDURE:

1. Replace front and rear left and right pads and retention springs. Refer to the detailed service procedures available in DealerCONNECT> Service Library under: Service Info>05 - Brakes / 05 - Brakes, Base / Hydraulic/Mechanical / Pads, Brake, Front / Removal and Installation.
2. Perform Diagnosis And Testing - Brake Rotor Lot Rot. Refer to the detailed service procedures available in DealerCONNECT> Service Library under: 05 - Brakes / 05 - Brakes, Base / Diagnosis and Testing.
3. Is the brake noise/pulsation still present?
 - YES>>> Proceed to [Step 4](#).
 - NO>>> This bulletin is complete, use Inspect and Replace Brake Pads And Retention Springs LOP (05-70-22-9B) to close the active RSU.
4. Replace front and rear left and right rotors. Refer to the detailed service procedures available in DealerCONNECT> Service Library under: Service Info> 05 - Brakes / 05 - Brakes, Base / Hydraulic/Mechanical / Rotor, Brake / Removal and Installation.
5. Perform Diagnosis And Testing - Brake Rotor Lot Rot. Refer to the detailed service procedures available in DealerCONNECT> Service Library under: 05 - Brakes / 05 - Brakes, Base / Diagnosis and Testing.
6. Is the brake noise/pulsation still present?
 - YES>>> This bulletin is complete. Further diagnosis should be performed.
 - NO>>> This bulletin is complete. Use LOP (05-70-22-9C) to close the active RSU.

POLICY:

Reimbursable within the provisions of the warranty.

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