

Technical Service Bulletin

Topic	45 Noise when braking vehicle gently, just before vehicle stops (between 10 mph and 3 mph)
Market area	United States 444 Volkswagen of America, Inc. (6444)
Brand	Audi
Transaction No.	2076546/2
Level	EH
Status	Released for publishing
Release date	Oct 17, 2025

New customer code

Object of complaint	Complaint type	Position
chassis -> brake system -> brake pedal	noises, vibrations -> vibrating	
vehicle service -> inspection, maintenance -> performing a service	service: process -> with complaint confirmation	
vehicle service -> inspection, maintenance -> maintenance table -> other service offers	service: process -> with complaint confirmation	
chassis -> brakes, brake regulation -> anti-lock braking system (ABS)	noises, vibrations -> creaking	
entire vehicle -> vehicle areas -> engine compartment	noises, vibrations -> noise	
chassis -> brakes, brake regulation -> foot brake -> service brake braking effect	functionality -> irregular	> no instruction <
chassis -> brakes, brake regulation -> foot brake	noises, vibrations -> noise	> no instruction <

Vehicle data

Q4

Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
F4*	2022	A		*	*	*
F4*	2023	A		*	*	*
F4*	2024	A		*	*	*
F4*	2025	A		*	*	*
F4*	2026	A		*	*	*

Documents

Document name
master.xml

Condition

REVISION HISTORY		
Revision	Date	Purpose
2	-	Revised header (Add Model Year)
1	01/09/2025	Initial publication

Customer states:

- The brake pedal vibrates/pulsates noticeably when gently braking the vehicle just before it comes to a stop (between 8 mph and 3 mph).

and/or

- Noises can be heard when gently braking the vehicle just before it comes to a stop (between 8 mph and 3 mph).

and

- When gently braking the vehicle with the selector lever in position N, no noises can be heard and/or no vibrations/pulsations can be felt just before it comes to a stop (between 8 mph and 3 mph).

Workshop findings:

- The customer statement can be reproduced.

Technical Background

The noises/vibrations/pulsations are caused by the running of the pump in the ESC hydraulic unit. This operating noise is construction-related and entirely normal. No damage occurs to components.

When the vehicle is gently braked via the recuperation function, the transfer to the hydraulic brakes takes place between 8 mph and 3 mph. To build up the required brake pressure in the hydraulic system, the pump starts running at a low speed. This can sometimes be felt as a brake pedal vibration or heard as a noise in the interior. When the vehicle is braked with the selector lever in position N, the pump for the ESC hydraulic unit does not start running as no recuperation is performed.

NOTICE

In the event of a complaint, please do not perform any repairs. The noises/vibrations/pulsations are construction-related and entirely normal. No damage occurs to components.

- **The operating noises are from the ESC hydraulic unit and are not a technical fault which is covered by warranty.**

NOTICE

However, if the noises/vibrations are particularly loud/strong, you must check whether the brake lines around the ESC system and/or electromechanical brake servo are under tension or make unwanted contact.

Production Solution

Not applicable

Service



NOTICE

Please explain the technical background to the customer.

Warranty

This TSB is informational only and not applicable to any Audi Warranty.

Additional Information

All part and service references provided in this TSB (**2076546**) are subject to change and/or removal. Always check with your Parts Department and/or ETKA for the latest information and parts bulletins. Please check the Repair Manual for fasteners, bolts, nuts, and screws that require replacement during the repair.

©2025 Audi of America, Inc. All rights reserved. The information contained in this document is based on the latest information available at the time of printing and is subject to the copyright and other intellectual property rights of Audi of America, Inc., its affiliated companies, and its licensors. All rights are reserved to make changes at any time without notice. No part of this document may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, nor may these materials be modified or reposted to other sites, without the prior expressed written permission of the publisher.