



Technical Service Bulletin

26 Vibrations between 1000 and 3000 rpm while driving

26 16 29 2045720/1 October 25, 2016.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A8, S8	2013 - 2015	All	4.0 liter TFSI
A8	2016	000001 - 014321	4.0 liter TFSI
S8	2016	900001 - 900386	4.0 liter TFSI

Condition

Vibrations in the lower rev range at 1000 rpm as well as at 3000 rpm while driving. The vibrations are particularly noticeable on the seat and the center arm rest.

Technical Background

With time the decoupling element of the front muffler fails to dampen the vibrations of the front exhaust pipe.

Production Solution

Optimized exhaust pipes with front muffler with dampening weight.

Service

Before proceeding, attempt to verify the vibration concern by performing a test drive. During the test drive, observe the vehicle in the following conditions:

- In 3rd or 4th gear (tip mode) between 2500 to 3200 rpm.
- Approximately 50% throttle input.
- If the condition cannot be reproduced, this bulletin does not apply.
- If the condition can be reproduced, follow the instructions list below.

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Replace both exhaust pipes with front mufflers with the part numbers listed in ETKA with a VIN specific search of the catalog. The new pipes will come with a shipping sleeve around the decoupling element which needs to be left on the element until the pipes are installed on the vehicle (Figure 1).



Figure 1. Dampening weight and shipping sleeve on decoupling element.



Note:

Danger of damaging the decoupling element:

- Decoupling element must not be bent more than 10 degrees.
 - Do not damage wire mesh at decoupling element.
1. Align the exhaust system free of tension. Refer to Elsa→ *Chapter 26> Exhaust System, Emission Controls > Exhaust Pipes/Mufflers > Exhaust System, Installing without Tension.*
 - Remove the shipping sleeves from both pipes.
 2. Confirm that TSB 2036392 - Software update J931 (address word BA) has been performed.
 3. Test drive vehicle until engine is at operating temperature.
 4. Perform J931 (address word BA) basic setting and road test.
 5. If condition is eliminated, release the vehicle.



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Warranty

Claim Type:	<ul style="list-style-type: none"> • 110 up to 48 Months/50,000 Miles. • If vehicle is outside any warranty, this Technical Service Bulletin is informational only. 		
Service Number:	2625		
Damage Code:	0020		
Labor Operations:	A8/S8 Front mufflers remove + reinstall both sides includes adjusting/aligning exhaust system	2625 2021	130 TU
Diagnostic Time:	GFF	0150 0000	Time stated on diagnostic protocol (Max 20 TU)
	Perform J931 (address word BA) basic setting	1035 9999	10 TU
	Road test prior to service procedure	0121 0002	10 TU
	Road test after service procedure	0121 0004	10 TU
	Technical diagnosis at dealer's discretion (Refer to Section 2.2.1.2 and Audi Warranty Online for DADP allowance details)		
Claim Comment:	As per TSB #2045720/1		

All warranty claims submitted for payment must be in accordance with the *Audi Warranty Policies and Procedures Manual*. Claims are subject to review or audit by Audi Warranty.



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Required Parts and Tools

Part Number	Part Description	Quantity
8K0253115K	Gaskets	2
1K0253141N	Dual Clamps 60x95mm	2
N 91130802	Exhaust nuts M8	6
G 052112A3	Hot bolt paste	0.1
4H0253099A	Hanger only replace if damaged	2
Order by VIN	Exhaust pipe with muffler front (left)	1
Order by VIN	Exhaust pipe with muffler front (right)	1

Additional Information

All parts and service references provided in this TSB (2045720) are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information.

The following Technical Service Bulletin(s) will be necessary to complete this procedure:

- TSB 2036392, *27 Vibrations felt at 1000 rpm and 3000 rpm.*

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