

Technical Service Bulletin



21 Rattling/jarring noise from engine - 2.0 TFSI EA888 transverse

21 13 15 2027585/4 June 24, 2013. Supersedes Technical Service Bulletin Group 21 number 12-09 dated May 16, 2012 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A3	2008 - 2013	All	CCTA, CBFA engines
TT	2008 - 2014	All	CCTA, CETA engines

Condition

REVISION HISTORY		
Revision	Date	Purpose
4	-	Revised header data (Added model years)
3	5/16/2012	Revised <i>Warranty</i> (Updated time units)
2	3/6/2012	Revised <i>Warranty</i>
1	11/14/2011	Original publication

Rattling and/or jarring noises heard from the engine compartment/exhaust system between 1800 and 2900 rpm.

Technical Background

Because of exhaust gas pulsations, the wastegate flap and rods vibrate at the start of the boost air control. This vibration causes rattling or jarring noises.

Production Solution

Not applicable.

Service

A spring clip (**06J145220A**) must be fitted on the wastegate adjustment (Figure 1).



Figure 1. Spring clip

On vehicles with front wheel drive:

1. Remove the noise damping according to the instructions in Elsa: *Repair Manual >> Body >> Body Exterior >> 50 Body Front >> Removal and Installation >> Noise Insulation.*
2. Remove the drive shaft protection.
3. Fit the clip from the side (Figure 2).



Figure 2. Wastegate linkage with clip fitted from the side.

4. Turn the clip to the left until the lugs slot in (Figure 3).



Figure 3. Wastegate linkage with clip in final position.

On vehicles with four wheel drive (Quattro):

1. Remove the propshaft heat shield according to the instructions in Elsa: *Repair Manual >> Body >> 66 Exterior Equipment >> Removal and Installation >> Underbody Trim Panels >> Heat Shields, Driveshaft*
2. Reach through from behind to position the clip (Figure 4).



Figure 4. Reach through and position clip.

3. Fit the spring clip on the wastegate adjustment (Figure 5).

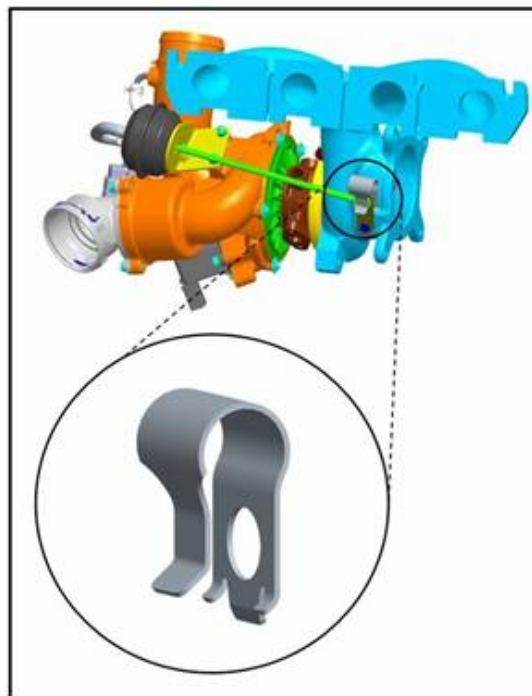


Figure 5. Fit the spring clip on the wastegate adjustment.



Tip: The spring tip must not be overstretched. The maximum opening of the spring clip is 14 mm. In the example in the image, the opening is approximately 10.5 mm (Figure 6).

The spring clip must be replaced after every removal.



Figure 6. (1) Maximum opening of spring clip.

4. After fitting the spring clip, check for correct fit (Figure 7).

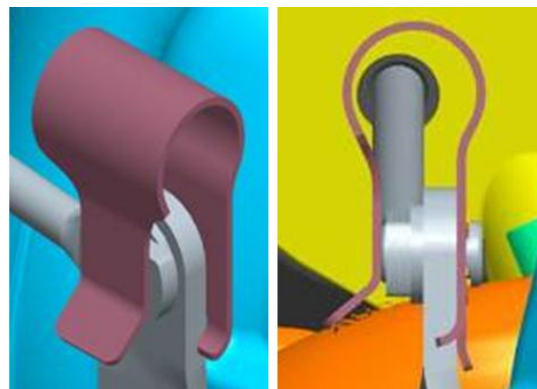


Figure 7. *Spring clip correct fitting.*

5. Check the position of the original circlip (Figure 8), and correct if necessary.



Figure 8. *(2) Position of the original circlip.*

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Warranty

Claim Type:	Use applicable claim type. If vehicle is outside any warranty, this Technical Service Bulletin is informational only.		
Service Number:	2130		
Damage Code:	0018		
Labor Operations:	Remove and install sound protection tray	1082 1900	20 TU
	Remove and install heat shield (Quattro Only)	3970 1999	10 TU
	Install spring clip	2130 2199	10 TU
Diagnostic Time:	GFF	No allowance	0 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 #2027585/4		

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.

Required Parts and Tools

Part Number	Part Description	Quantity
06J145220A	Spring clip	1

Additional Information

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