

Condition

Model(s)	Year(s)	VIN Range	Vehicle Specific Equipment
S4, S5 Sportback, and SQ5	2018 – 2025	All	V6 3.0L TFSI
S5, and S5 Cabriolet	2018 – 2025		
A6, A7, S8, and Q8	2018 – 2025		
A6 allroad, and Q7	2020 – 2025		
A8 e quattro	2020 – 2021		
SQ5 Sportback	2021 - 2025		

Customer Statement:

- Knocking noise from the engine compartment when engine is running.

Workshop findings:

- No faults are logged in Engine Control Module J623 (address word 0001)
- Compression values of all 6 cylinders are within the specified range.

Technical Background

Not applicable.

Production Solution

Not applicable.

Service

Audi of America is requesting your cooperation in supplying us with technical information regarding this condition.

Verify the condition by performing by a Pico noise recording according to the instructions attached to this Technical Service Bulletin. It is recommended that to watch training video for Pico noise recording, there is a QR-code and a clickable hyperlink on the first page of the instructions where this video can be viewed.

If a ticket is not already open, please open a Web Ticket with the Technical Assistance Center under the concern group “**3.0I Piston Skirt Warranty Extension or Engine Noise Analysis WEB Ticket Only**” and upload all 6 Pico noise recordings to the Web Ticket.

Warranty

Procedure 1

Please use the following claiming instructions if no piston replacement was recommended by the technical assistance center.

Claim Type:	<ul style="list-style-type: none"> If the vehicle is outside of any warranty, this Technical Service Bulletin is informational only. 		
Service Number:	1310		
Damage Code:	0055		
Labor Operations:	PICO measurement according to analysis guideline for engine noise V6 TFSI EA839	0161 0099	60 TU
	GFF/ Guided Functions	0150 0010	See SRT with associated operations
	GFF/ Guided Functions	0150 0060	Labor according to the diagnostic log
	Software update	0151 0060	Labor according to the diagnostic log
Claim Comment:	As per TSB 2081030/1		

Procedure 2

Please use the following claiming instructions if no piston replacement was recommended by the technical assistance center and if additional diagnosis was requested (e.g. borescope and compression).

Claim Type:	<ul style="list-style-type: none"> If the vehicle is outside of any warranty, this Technical Service Bulletin is informational only. 		
Service Number:	1310		
Damage Code:	0055		
Labor Operations:	PICO measurement according to analysis guideline for engine noise V6 TFSI EA839	0161 0099	60 TU
	Check compression of cylinders	1019 0143	See SRT with associated operations
	Cylinder block check (borescope)	1009 0250	See SRT with associated operations
	GFF/ Guided Functions	0150 0060	Labor according to the diagnostic log

Claim Comment:	Charge battery	2706 8950	See SRT with associated operations
	Software Update (If needed)	0151 0060	Labor according to the diagnostic log
	As per TSB 2081030/1		

Procedure 3

Please use the following claiming instructions if piston replacement was recommended by the technical assistance center and if additional diagnosis was requested (e.g. borescope and compression).

Claim Type:	<ul style="list-style-type: none"> If the vehicle is outside of any warranty, this Technical Service Bulletin is informational only. 		
Service Number:	1310		
Damage Code:	0055		
Labor Operations:	PICO measurement according to analysis guideline for engine noise V6 TFSI EA839	0161 0099	60 TU
	Check compression of Cylinder	1019 0199	40 TU
	Cylinder block check (borescope)	1009 0250	See SRT with associated operations
	Remove and install 6 pistons	1310 2093	See SRT with associated operations
	Remove and install 6 connecting rods	1340 2051	See SRT with associated operations
	GFF/Guided Functions	0150 0060	Labor according to the diagnostic log
	Charge battery	2706 8950	See SRT with associated operations
	Software Update (If needed)	0151 0060	Labor according to the diagnostic log
Claim Comment:	As per TSB 2081030/1		

Procedure 4

Please use the following claiming instructions if piston replacement was recommended by the technical assistance center and no additional diagnosis was requested (e.g. borescope and compression).

Claim Type:	<ul style="list-style-type: none"> If the vehicle is outside of any warranty, this Technical Service Bulletin is informational only. 		
Service Number:	1310		
Damage Code:	0055		
Labor Operations:	PICO measurement according to analysis guideline for engine noise V6 TFSI EA839	0161 0099	60 TU
	Remove and install 6 pistons	1310 2093	See SRT with associated operations
	Remove and install 6 connecting rods	1340 2051	See SRT with associated operations
	GFF/Guided Functions	0150 0060	Labor according to the diagnostic log
	Charge battery	2706 8950	See SRT with associated operations
	Software Update (If needed)	0151 0060	Time stated on the diagnostic protocol
Claim Comment:	As per TSB 2081030/1		

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.

Please note the information on predecessors and items that are included and excluded in the repair operations as well as any associated tasks.

Try to reproduce the customer complaint (based on the description/cause of the issue), so that it can be clearly assigned to this TSB. The following repair must only be carried out if all the criteria (model/type, chassis number, engine/motor, gearbox code, PR number(s), part number, software version, code, etc.) apply exactly. Otherwise, this solution will not eliminate the problem and repeat repairs may be necessary. In such a case, the warranty claim may be rejected, and the cost of the parts may be charged back.

Additional Information

All part and service references provided in this TSB (**2081030**) 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.

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