



# Technical Service Bulletin

## 46 Brake pad wear indicator is on in the instrument cluster

46 24 55 2061403/2 March 8, 2024. Supersedes Technical Service Bulletin Group 46 number 20-18 dated November 17, 2020 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A4, A4 allroad	2017 – 2021	All	Not Applicable
S4, A5, A5 Cabriolet, A5 Sportback, S5, S5 Cabriolet, and S5 Sportback	2018 – 2021		
RS 5	2018 – 2019 2021		
RS 5 Sportback	2019 2021		

## Condition

REVISION HISTORY		
Revision	Date	Purpose
2	-	Revised header (Adjusted model years, removed VIN filters)
1	11/17/2020	Initial publication

### Customer states:

- The brake pad wear indicator is displayed on the instrument cluster.

### Workshop findings:

- The brake pads have not yet reached their pad wear limit despite the warning.

## Technical Background

The brake pad wear sensor wire may not be properly crimped to the pin of the sensor connector.

## Production Solution



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Improved crimping process for the pins of the front wheel speed and brake pad harness.

## Service

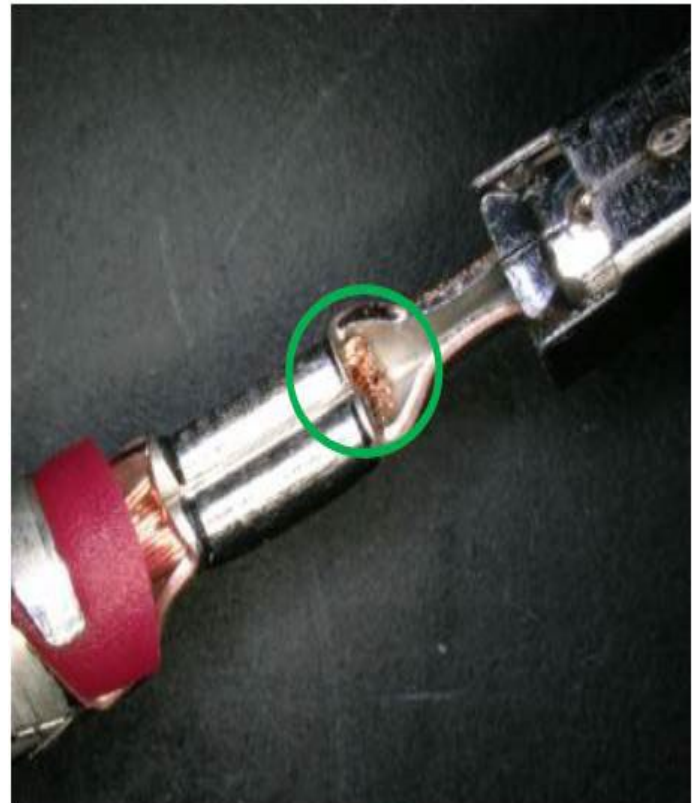
1. If the symptom described above is present, first ensure the brakes have not yet reached the wear limit and that the sensor is connected properly.

Then, follow the steps below to inspect the crimp on the harness side of the brake pad wear connector and replace the harness if needed.

### NOTICE

**If the wire is crimped properly then this TSB does not apply. Please continue with normal diagnosis.**

2. Ensure the strands of the wire are protruding past the crimp sleeve (Figure 1).



*Figure 1. Properly crimped wire.*



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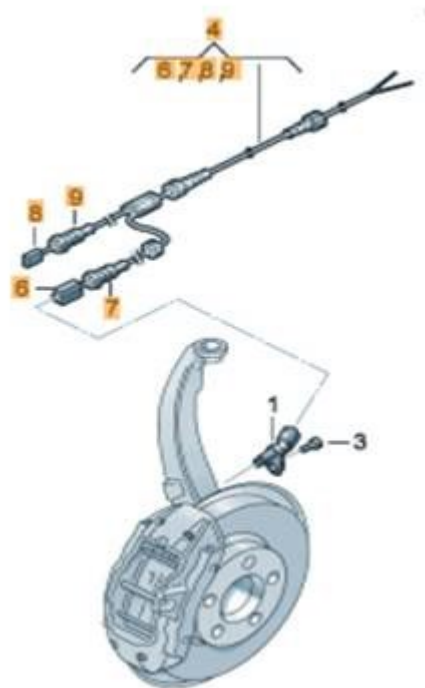
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3. If the wire is found to be improperly crimped, then replace the affected harness for the front speed sensor and brake pad wear indicator (Figure 2).



*Figure 2. Improperly crimped wire.*

4. ETKA illustration 927-010 can be used to determine the harness needed (Figure 3).





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Figure 3. ETKA image of harness.

## Warranty

<b>Claim Type:</b>	<ul style="list-style-type: none"> <li>• 110 up to 48 Months/50,000 Miles.</li> <li>• G10 for CPO Covered Vehicles – Verify Owner.</li> <li>• If the vehicle is outside any warranty, this Technical Service Bulletin is informational only.</li> </ul>		
<b>Service Number:</b>	<ul style="list-style-type: none"> <li>• Left : 9715</li> <li>• Right: 9716</li> </ul>		
<b>Damage Code:</b>	0021 for left or right		
<b>Labor Operations:</b>	Remove and install wheel	4405 1900	See SRT with associated operations
	Remove and install front wheel arch liner	6616 1999	20 TU
	Check front wiring harness	9715 0199	10 TU
	Remove and install front wiring harness (includes loosening the engine control unit and coolant expansion tank if needed)	9715 1999	30 TU
	Repair Wiring Harness	9709 4156	See SRT with associated operations
<b>Diagnostic Time:</b>	GFF	0150 0000	Time stated on the diagnostic protocol (Max 50 TU)
	Road test prior to the service procedure	No allowance	0 TU



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	Road test after the service procedure	0121 0004	10 TU
<b>Claim Comment:</b>	As per TSB 2061403/2		

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

Always check with your Parts Department and/or ETKA for the latest information and parts bulletins.		
Part Number	Part Description	Quantity
See ETKA	Fasteners, Bolts, Nuts, and Screws as needed per the Repair Manual	See ETKA/ELSA
See ETKA	Repair kit for front speed sensor and brake pad wear indicator	01 (if needed)

## Additional Information

All parts and service references provided in this TSB (**2061403**) are subject to change and/or removal.

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