



Technical Service Bulletin

20 Noises/vibrations from engine compartment

20 16 78 2045179/1 September 14, 2016.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
RS 5	2012 - 2015	All	Not Applicable
RS 5 Cabriolet	2012 - 2015	All	Not Applicable

Condition

- Clicking and ticking noises from the engine area can be heard in the passenger compartment.
- The noises are heard after a 3-5 minute warm-up phase at idle speed.
- After activated charcoal filter solenoid valve N80 is unfastened from the holder, the noise is no longer present.

Technical Background

The noises are caused by activation of the solenoid valve N80 in the engine compartment and contact between the activated charcoal filter lines. As the activation frequency of the solenoid valve changes, the noise frequency in the vehicle interior also changes.

With the ODIS tester (using the output test), the noises can be linked with the required position of the solenoid valve:

- Required position of solenoid valve 0% --> No noise.
- Required position of solenoid valve 0% - 25% --> Activation frequency becomes faster as position increases.
- Required position TEV 25 - 0% --> Activation frequency becomes slower as position decreases.

Production Solution

Not applicable.

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Service

1. Explain to the customer that this is a normal condition.
2. Check the activated charcoal filter lines for contact marks (Figure 1 and Figure 2). If necessary, insulate the lines to prevent the noise.



Figure 1. Activated charcoal filter lines.



Figure 2. Activated charcoal filter lines.

Warranty

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

Additional Information



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All parts and service references provided in this TSB (2045179) are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information.

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