



Technical Service Bulletin

19 Grinding or knocking noises from electric cooling fans when active

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Model(s)	Year	VIN Range	Vehicle-Specific Equipment
e-tron GT, and RS e-tron GT	2022 – 2024	All	Not Applicable

Condition

Customer states:

A grinding or knocking type noise is heard in the front of the vehicle during charging or during vehicle operation.

Workshop findings:

In most cases the symptom can be replicated. The noise can be heard on either the right or left side front of the vehicle.

Technical Background

During normal vehicle use debris from the road, ice, mud, stones, etc. can enter the fan housing through the ventilation grill in the front wheel housing liner. This debris can deposit on the radiator fan shrouds and make contact with the fan blades during fan operation.

1. Figure 1 shows the area of the fresh air intake to the front side air duct where the noise can be heard on either the front right or front left side.



Figure 1. Side air duct.



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2. Figure 2 shows the ventilation grill in the wheel housing. This is the primary entry point for road debris.



Figure 2 Ventilation grill in the front wheel housing.

3. Figure 3 shows the accumulation of debris on the radiator fan and fan shroud. When the fan operates noises are generated.



Figure 3. Radiator fan and fan shroud with debris accumulation.



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Production Solution

Not applicable.

Service

Using a garden hose with a spray nozzle, thoroughly clean the wheel housing area - particularly through the ventilation grilles. This should rinse away most of the debris that has accumulated. In cases of heavier contamination, it may be necessary to loosen the wheel housing liners to rinse the radiator fans and housings.

Warranty

This damage is due to outside influence and is not covered by any Audi Warranty.

Additional Information

All part and service references provided in this TSB (**2073030**) 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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