



Technical Service Bulletin

72 Front seats entry assistance is sporadically inoperative

72 24 53 2060085/6 January 18, 2024. Supersedes Technical Service Bulletin Group 72 number 21-34 dated June 10, 2021 for reasons listed below.

| Model(s) | Year | VIN Range | Vehicle-Specific Equipment |
|--------------------|-------------|-----------|----------------------------|
| A6, A7, A8, and Q8 | 2019 – 2020 | All | Not Applicable |
| e-tron quattro | 2019 | | |
| SQ8, and RS Q8 | 2020 | | |

Condition

| REVISION HISTORY | | |
|------------------|------------|--|
| Revision | Date | Purpose |
| 6 | - | Revised header (Add table of affected control units) Revised <i>Technical Background</i> (Add comment) |
| 5 | 06/10/2021 | Revised header (Removed A4, A5, Q5, and Q7) Revised <i>Technical Background</i> (Removed A4, A5, Q5, and Q7) Revised <i>Service</i> (Removed A4, A5, Q5, and Q7) Revised <i>Production Solution</i> (Modified production solution timeline) |
| 4 | 01/08/2021 | Revised header (Added MY18-20 Q5 and removed MY21 Q7) Revised <i>Service</i> (Updated SVM Table) |

Customer states:

- After opening the driver and/or front passenger door, the driver and/or front passenger seat sporadically moves to an implausible position. The Entry Assistance feature can be activated or deactivated in the MMI.
- After entering and starting the vehicle, the driver and/or passenger seat does not return to its original position. Instead, the seat reverses its direction and moves all the way back. After pressing the seat memory switch, the seat moves to the selected memory position.

Technical Background

This concern only affects vehicles with power seats with memory feature.

While the seat moves during Entry Assistance, a brief action by the driver/passenger (e.g. applying the brakes, pushing against the footrest) causes a voltage peak in the seat control module. As a result, the overload limit is activated, causing the seat to reverse its direction of movement.



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In the old software, the overload limit was programmed with this low force value to ensure that the pinch protection is sensitive enough when the seat moves backward. In contrast to the old software, the new software can distinguish between forward and backward movement and define different forces respectively. Since the force during forward movement is not subject to pinch protection requirements, it can be higher in the new software.

Production Solution

An improved software to address the condition was implemented in series production with model year 2021 in the driver seat control module, J136 (address word 0036) and passenger seat control module, J521 (address word 0006).

Service

This TSB replaces Pending Service Solution (PSS) TSB 2059031: *PSS 72 Front seats entry assistance sporadically inoperative.*

SVM Update Instructions



Tip: Prior to performing this SVM Update, please inform the customer that all seat memory settings will be lost. It is not possible to remotely store their settings or to restore them after the SVM Update has been performed.

A6, A6 allroad, A7, Q8, and RS Q8:

1. Do not follow this TSB. Please perform Campaign 72K6 instead since it also contains the seat control module software update described in this TSB.

A8, Audi e-tron quattro, and Audi e-tron Sportback:

1. Follow all instructions in TSB 2011732: *00 Software Version Management (SVM), operating instructions.*
2. Update the driver seat control module, J136 (address word 0036) and passenger seat control module, J521 (address word 0006) using the SVM action code as listed in the table below, if necessary:

| Model | Old Software Part Number | Old Software Version | New Software Part Number (or higher) | New Software Version (or higher) | SVM Code Input |
|-------|--------------------------|----------------------|---|-------------------------------------|----------------|
| All | * | <=0063 | * | 0064 | 36A006 |

3. Perform basic settings of the driver and passenger seats using the Guided Functions in ODIS.

Warranty



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A8, Audi e-tron quattro, and Audi e-tron Sportback:

4. Follow all instructions in TSB 2011732: *00 Software Version Management (SVM), operating instructions.*
5. Update the driver seat control module, J136 (address word 0036) and passenger seat control module, J521 (address word 0006) using the SVM action code as listed in the table below, if necessary:

| Model | Old Software Part Number | Old Software Version | New Software Part Number (or higher) | New Software Version (or higher) | SVM Code Input |
|-------|--------------------------|----------------------|---|-------------------------------------|----------------|
| All | * | <=0063 | * | 0064 | 36A006 |

3. Perform basic settings of the driver and passenger seats using the Guided Functions in ODIS.

Additional Information

More information on this system can be found in the following resources:

- Elsa, *Systems >> Campaigns/Actions >> Campaign 72K6.*

The following Technical Service Bulletin(s) will be necessary to complete this procedure:

- TSB 2011732, *00 Software Version Management (SVM), operating instructions.*

All part and service references provided in this TSB (**2060085**) 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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