



Technical Service Bulletin

39 Warning lamp for sports differential on, DTC U101300 stored in the differential lock control module (quattro sport)

39 20 38 2060169/2 December 7, 2020. Supersedes Technical Service Bulletin Group 39 number 20-34 dated July 14, 2020 for reasons listed below.

| Model(s) | Year | VIN Range | Vehicle-Specific Equipment |
|---|-------------|-----------|----------------------------|
| SQ8, RSQ8 | 2020 - 2021 | All | Sports Differential |
| Q8 | 2019 - 2020 | All | Sports Differential |
| A6, A7, S6, S7, and RS7 | 2019 -2021 | All | Sports Differential |
| A4, A4 allroad, S4, Q7, and SQ7 | 2017 - 2021 | All | Sports Differential |
| A5, A5 Cabriolet, A5 Sportback, S5, S5 Cabriolet, Sportback, RS5, RS5 Cabriolet, RS5 Sportback, A8, S8, Q5, and SQ5 | 2018 - 2021 | All | Sports Differential |

Condition

| REVISION HISTORY | | |
|------------------|------------|--|
| Revision | Date | Purpose |
| 2 | - | Revised header (Added Model Year 2021) Revised <i>Service</i> (Added SVM update for some models) Revised <i>Warranty</i> (Added Labor Operation for software update) |
| 1 | 07/14/2020 | Initial publication |

Customer states:

- The sports differential warning lamp is on.
- A sports differential warning message appears.



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Workshop findings:

The following DTC is stored in the differential lock control module (Quattro sport), J187 (address word 0032):

- **DTC U101300** (control unit not coded).

Technical Background

Not applicable.

Production Solution

Not applicable.

Service



Tip: This Technical Service Bulletin contains different repairs depending on the model of the vehicle. Make sure you follow the correct repair for the model of the vehicle you are working on.

Repair Criteria 1: Q5, SQ5, A8 or S8:

If the concern matches the conditions above, then replace the control module for the differential lock control module, J187 (address word 0032) according to the Elsa Repair Manual.

Repair Criteria 2: All vehicles except Q5, SQ5, A8 or S8:

SVM Update Instructions

1. Follow all instructions in TSB 2011732: *00 Software Version Management (SVM), operating instructions*.
2. Update the differential lock control module (Quattro sport), J187 (address word 0032) using the SVM action code as listed in the table below, if necessary:

| Model | Old Software Part Number | Old Software Version (or lower) | New Software Part Number | New Software Version (or higher) | SVM Code Input |
|--------------------------------|--------------------------|---------------------------------|--------------------------|----------------------------------|----------------|
| All (except Q5, SQ5, A8 or S8) | 8W0907163 | 0060 | 8W0907163A | 0070 | 32A001 |



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Warranty

| | | | |
|--------------------------|---|-----------|---|
| Claim Type: | <ul style="list-style-type: none"> • 110 up to 48 Months/50,000 Miles. • G10 for CPO Covered Vehicles – Verify Owner. • If the vehicle is outside any warranty, this Technical Service Bulletin is informational only. | | |
| Service Number: | 3993 | | |
| Damage Code: | 0039 | | |
| Labor Operations: | Repair Criteria 1: Q5, SQ5, A8 or S8 only | | |
| | Replace four-wheel-drive control module | 3993 55XX | See SRT with associated operations |
| | Repair Criteria 2: All vehicles <u>except Q5, SQ5, A8 or S8</u> | | |
| | SVM Update of Differential Lock Control Module (Quattro sport) | 0151 0000 | 50 TU |
| Diagnostic Time: | GFF | 0150 0000 | Time stated on the diagnostic protocol (Max 50 TU) (Repair Criteria 1) Or Time stated on the diagnostic protocol (Max 20 TU) (Repair Criteria 2) |
| | Road test prior to service procedure | 0121 0002 | 10 TU |
| | Road test after service procedure | 0121 0004 | 10 TU |
| Claim Comment: | As per TSB #206169/2 | | |

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.



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Required Parts and Tools

| Parts are only for Criteria 1 repairs | | |
|---|--|---------------|
| 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 |
| Order by VIN | The differential lock control module | 01 |

Additional Information

All parts and service references provided in this TSB (206169) are subject to change and/or removal.

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