



# Technical Service Bulletin

## PSS 93 Red battery symbol, DTC P0B1300 is stored in the hybrid battery management module P33F000 U059B00

93 22 87 2062211/8 November 15, 2022. Supersedes Technical Service Bulletin Group 93 number 22-76 dated July 12, 2022, for reasons listed below.

| Model(s)     | Year        | VIN Range | Vehicle-Specific Equipment |
|--------------|-------------|-----------|----------------------------|
| Q5 e quattro | 2020 – 2021 | All       | PHEV                       |
| A7 e quattro | 2021 – 2022 |           |                            |

## Condition

| REVISION HISTORY |            |                                                                                    |
|------------------|------------|------------------------------------------------------------------------------------|
| Revision         | Date       | Purpose                                                                            |
| 8                | -          | Revised Header (Updated models)                                                    |
| 7                | 07/13/2022 | Revised <i>Service</i> (Updated estimated date of software solution for Q5 models) |
| 6                | 6/06/2022  | Revised <i>Service</i> (Updated estimated date of software solution for A7 models) |

**Customer States:**



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- In the instrument cluster, the red battery symbol is shown with the text “Electrical system: fault. Safely stop vehicle” (Figure 1).
- After switching the ignition off and then on again, the warning lamp is off and the vehicle works again.



**Figure 1.** *Red battery symbol.*

## Workshop Findings:

- The following DTC is stored in the hybrid battery management module, J840 (address word 008C):
- **DTC P0B1300** (Hybrid/HV battery current measurement sender 1/2 variation) with symptom code 14348.

This PSS applies if one of the following DTC Combinations is logged in the hybrid battery management module, J840 (address word 008C):

| DTC     | Description         | DTC #2  |
|---------|---------------------|---------|
| P0B1300 | Only entry in 008C  | -       |
| P0B1300 | In combination with | P33F000 |
| P0B1300 | In combination with | U059B00 |

The PSS **does not apply** if other DTCs in addition to the above combinations are logged in the hybrid battery management module, J840 (address word 008C). In this case, the PSS does not apply, continue diagnosis outside of the PSS.

## Technical Background

There are certain issues with the internal communication between the battery junction box and the power/voltage sensor, which are very unlikely for the customer to experience again.



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## Production Solution

This bulletin will be updated when more information is available. A solution is currently under development.

## Service

1. Explain to the customer that a solution for Q5 PHEV is expected by the end of Q1 2023 and the A7 PHEV solution is expected by the end of Q2 2023 (both dates are subject to change) and that no repairs are necessary at this point. Do not replace any components for this condition since this will not resolve the customer's concern.
2. Create a PSS record in the PSS application through the Pending Service Solutions (PSS) link in AccessAudi (under *Related Links >> Service*), or through the Technical Assistance page in ELSA.

## 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>  | 9327                                                                                                                                                                                                                                                |           |                                                    |
| <b>Damage Code:</b>     | 0040                                                                                                                                                                                                                                                |           |                                                    |
| <b>Diagnostic Time:</b> | GFF                                                                                                                                                                                                                                                 | 0150 0000 | Time stated on the diagnostic protocol (Max 20 TU) |



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|                       |                                      |              |      |
|-----------------------|--------------------------------------|--------------|------|
|                       | Road test prior to service procedure | No allowance | 0 TU |
|                       | Road test after service procedure    | No allowance | 0 TU |
| <b>Claim Comment:</b> | As per TSB 2062211/8                 |              |      |

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.

## Additional Information

All part and service references provided in this TSB (**2062211**) 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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