

## Technical Service Bulletin

|                        |                                                                                      |
|------------------------|--------------------------------------------------------------------------------------|
| <b>Topic</b>           | 93 Q4 drive system fault P060600/P0A1B00 Power electronics control unit 00CE (front) |
| <b>Market area</b>     | United States 444 Volkswagen of America, Inc. (6444)                                 |
| <b>Brand</b>           | Audi                                                                                 |
| <b>Transaction No.</b> | 2073435/2                                                                            |
| <b>Level</b>           | EH                                                                                   |
| <b>Status</b>          | Released for publishing                                                              |
| <b>Release date</b>    | Apr 10, 2025                                                                         |

### Diagnostic trouble codes

| Diagnostic address      | Diagnostic trouble code                 | Fault symptom | Storage state |
|-------------------------|-----------------------------------------|---------------|---------------|
| 00CE - Electric drive 2 | P060600: Control Module Processor       |               | Intermittent  |
| 00CE - Electric drive 2 | P060600: Control Module Processor       |               | static        |
| 00CE - Electric drive 2 | P0A1B00: Drive Motor "A" Control Module |               | Intermittent  |
| 00CE - Electric drive 2 | P0A1B00: Drive Motor "A" Control Module |               | static        |

### New customer code

| Object of complaint                              | Complaint type               | Position |
|--------------------------------------------------|------------------------------|----------|
| engine -> engine operation -> electro-drive mode | functionality -> no function |          |

### New workshop code

| Object of complaint                                                                                                          | Complaint type                               | Position |
|------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|----------|
| engine -> electric motor drive -> power and control electronics for electro-drive -> control module for electric drive motor | control modules, services -> software faulty | front    |

## Vehicle data

### Q4 e-tron

#### Sales types

| Type | MY   | Brand | Designation | Engine code | Gearbox code | Final drive code |
|------|------|-------|-------------|-------------|--------------|------------------|
| F4B* | 2022 | A     |             | *           | *            | *                |
| F4B* | 2023 | A     |             | *           | *            | *                |

#### Control units

| Diagnostic address      | Software part number | Software version | Hardware part number | Hardware version |
|-------------------------|----------------------|------------------|----------------------|------------------|
| 00CE - Electric drive 2 | *1ED*.907.121*       | 8351             | *1ED*.907.121*       | H11              |

## Documents

|                            |
|----------------------------|
| <b>Document name</b>       |
| <a href="#">master.xml</a> |

## Condition

| REVISION HISTORY |            |                                                                                                                |
|------------------|------------|----------------------------------------------------------------------------------------------------------------|
| Revision         | Date       | Purpose                                                                                                        |
| 2                | -          | Revised <i>Service</i> (Added relevant campaign and TSB)<br>Revised <i>Warranty</i> (Updated Labor operation.) |
| 1                | 04/03/2024 | Initial publication                                                                                            |

### Customer states:

- The yellow high-voltage warning lamp lights up.
- The electric drive warning lamp lights up.
- The message “Electric drive: fault. Please contact “Service” appears (Figure 1).



**Figure 1.** Warning message.

### Workshop findings:

Intermittent/static event memory entries logged in diagnostic address 00CE (Electric drive 2):

- **P060600:** ECM/PCM Processor.
- **P0A1B00:** Drive Motor "A" Control Module.

If the complaint occurs, the vehicle can be operated again after the ignition has been switched off and on again.

## Technical Background

Software issue in diagnostic address 00CE.

## Production Solution

Optimized software implemented in electric drive control unit 2 (-JX4-, diagnostic address: 00CE).

## Service

This TSB replaces Pending Service Solution (PSS) TSB 2068370/1: *PSS 93 Electrical Malfunction Message Displayed on Start up, DTCs P060600 and P0A1B00 Stored in Electric drive 2.*

Check for service campaign availability depending on current control unit network and perform any open service campaigns if necessary.

- **91EV (update ME 3.2)**
- **91FN (update ME 3.2.1)**
- **TSB 2074069 (update ME 3.5)**

## Warranty

|                          |                                                                                                                                                     |           |                                        |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------------------------------|
| <b>Claim Type:</b>       | <ul style="list-style-type: none"><li>• If the vehicle is outside of any warranty, this Technical Service Bulletin is informational only.</li></ul> |           |                                        |
| <b>Service Number:</b>   | 9370                                                                                                                                                |           |                                        |
| <b>Damage Code:</b>      | 0040                                                                                                                                                |           |                                        |
| <b>Labor Operations:</b> | Software update                                                                                                                                     | 0151 0010 | See SRT with associated operations     |
|                          | Software update                                                                                                                                     | 0151 0060 | Time stated on the diagnostic protocol |
| <b>Claim Comment:</b>    | As per TSB 2073435/2                                                                                                                                |           |                                        |

Please note any open campaigns and perform them accordingly.

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 parts and service references provided in this TSB (**2073435**) are subject to change and/or removal.

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