

## YAA PHEV- High-Voltage Battery, Status of Charge (SoC), Degradation of Service

### Vehicles Affected

| Models   | Model Year | Model Type                           | VIN Range | Vehicle-Specific Equipment |
|----------|------------|--------------------------------------|-----------|----------------------------|
| Panamera | 2025       | YAABE1<br>YAADZ1<br>YAAFF1<br>YAAFH1 | N/A       | E-Hybrid                   |

### Revision History

| Revision | Release Date  | Changes           |
|----------|---------------|-------------------|
| 0        | June 20, 2025 | Original document |

### Condition

The customer complains of a MIL in the instrument cluster. The workshop finds the following fault code in the *High-voltage battery (BECM 001)* from model year 2024 control unit:

P057F00 - High-voltage battery, status of charge (SoC), degradation of service (170400)

### Technical Background

This fault can occur in previous BMC SW versions due to an internal software condition.

### Service Information

The occurrence of this fault can be remedied with an update to software version 0204 via Automatic programming of the HV Battery Control Unit with Tester release 43.400.040 or newer. Deactivate the HV system by opening the service disconnect before performing the programming procedure.

## Advanced Technical Information

**Bulletin #: 2516**

Part ID: 2794

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### Warranty

For documentation and warranty invoicing, enter the working position and PCSS encryption specified below in the warranty claim:

| APOS     | Labor operation                                 | I No. |
|----------|-------------------------------------------------|-------|
| 03350050 | On board diagnostic                             |       |
| 03350053 | On board diagnostic-Create VAL                  |       |
| 27758350 | High-voltage system deactivating and activating |       |
| 27942540 | High-voltage battery control unit program       |       |

PCSS encoding:

|                   |      |                                   |
|-------------------|------|-----------------------------------|
| Location (FES5)   | 2794 | High-Voltage Battery Control Unit |
| Damage type (SA4) | 1613 | No function occasionally          |

### Search Items

PHEV 2.0, MIL, E-Hybrid, Panamera, YAA, G3, SOC, BMC, degradation of service

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