

## Technical Service Bulletin (TSB)

### High Voltage Battery Pack Replacement XU1 Warranty Extension

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |                |                                                                                                                                                                                                                                                                                                                                                                                     |           |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| REFERENCE:         | TSB: 08-072-26 REV. A<br>GROUP: 08 - Electrical                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Date: | April 22, 2026 | REVISION:                                                                                                                                                                                                                                                                                                                                                                           | 08-072-26 |
| VEHICLES AFFECTED: | 2021 - 2025 (JL) Jeep Wrangler<br>2022 - 2026 (WL) Jeep Grand Cherokee / Grand Cherokee L<br>This bulletin applies to vehicles equipped with a 2.0L I4 DOHC DI Turbo PHEV Engine (Sales Code ECX).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |       |                | MARKET APPLICABILITY:<br><div><input type="checkbox"/> NA<input type="checkbox"/> MEA</div> <div><input type="checkbox"/> SA<input type="checkbox"/> IAP</div> <div><input type="checkbox"/> EE<input type="checkbox"/> CH</div><br>NOTE: This bulletin applies to the North America, South America, Enlarged Europe, India Asia & Pacific, Middle East & Africa and China markets. |           |
| CUSTOMER SYMPTOM:  | Customers must experience a Malfunction Indicator Lamp (MIL) illumination and the vehicle must exhibit/set one or more of the following Diagnostic Trouble Codes (DTCs): <ul style="list-style-type: none"><li>P0DAB-00 - Hybrid/EV Cell Balancing Performance.</li><li>P0BBE-00 - Hybrid Battery Pack Voltage Variation.</li><li>P1C5E-00 - Battery State Of Health Failed.</li><li>P0B24-00 - Hybrid/EV Battery "A" Voltage Unstable.</li><li>P0B28-00 - Hybrid/EV Battery "B" Voltage Unstable.</li></ul> NOTE: <ul style="list-style-type: none"><li>Any warranty qualifying issues outside of these specific DTCs will continue to be covered per the HV battery standard warranty coverage.</li><li>Battery packs may contain cells with separator damage.</li></ul> Customers may comment on the following: <ul style="list-style-type: none"><li>"Service Charging System" message displayed in the Instrument Panel Cluster (IPC) and charging is inhibited.</li></ul> |       |                |                                                                                                                                                                                                                                                                                                                                                                                     |           |
| CAUSE:             | Manufacturer defect                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |       |                |                                                                                                                                                                                                                                                                                                                                                                                     |           |

**This bulletin supersedes Technical Service Bulletin (TSB) 08-072-26, date of issue February 18, 2026, which should be removed from your files. All revisions are highlighted with **\*\*asterisks\*\*** and include updated LOP times and a Repair Procedure Note.**

#### REPAIR SUMMARY:

This bulletin involves replacing the high voltage battery pack.

**CLAIMS DATA:**

| Labor Operation No: | Labor Description                                                           | Skill Category                  | Labor Time   |
|---------------------|-----------------------------------------------------------------------------|---------------------------------|--------------|
| 08-08-04-97         | Battery, 400 Volt - Replace <b>(JL Models Only)</b><br>(3 - Highly Skilled) | 6 - Electrical and Body Systems | **2.9 Hrs.** |
| 08-08-04-98         | Battery, 400 Volt - Replace <b>(WL Models Only)</b><br>(3 - Highly Skilled) | 6 - Electrical and Body Systems | **3.9 Hrs.** |
| Failure Code        | ZZ                                                                          | Service Action                  |              |

**RELATED LOP:**

| Labor Operation No: | Labor Description                                                  | Skill Category                  | Labor Time |
|---------------------|--------------------------------------------------------------------|---------------------------------|------------|
| 07-FF-01-52         | Drain and Fill - EV Battery Cooling System<br>(3 - Highly Skilled) | 6 - Electrical and Body Systems | 0.2 Hrs.   |

**SPARE PARTS:**

| Qty    | Part No.   | Description     | Notes                                 |
|--------|------------|-----------------|---------------------------------------|
| 1 (AR) | 68540591AA | Battery, Hybrid | High Voltage Battery Pack <b>(WL)</b> |
| 1 (AR) | 68488244AA | Battery, Hybrid | High Voltage Battery Pack <b>(JL)</b> |
| 1 (AR) | 68637390AA | Battery, Hybrid | High Voltage Battery Pack <b>(WL)</b> |
| 1 (AR) | 68488244GA | Battery, Hybrid | High Voltage Battery Pack <b>(JL)</b> |
| 1 (AR) | 68540591GA | Battery, Hybrid | High Voltage Battery Pack <b>(WL)</b> |

**DIAGNOSIS:**

Using a Scan Tool (wiTECH) with the appropriate Diagnostic Procedures available in DealerCONNECT/ Service Library, verify all related systems are functioning as designed. If DTCs or symptom conditions, other than the ones listed above are present, record the issues on the repair order and repair as necessary before proceeding further with this bulletin.

If the customer describes the symptom/condition listed above perform the repair procedure.

**SPECIAL TOOLS/EQUIPMENT:**

| Description          | Ref. No. | Notes |
|----------------------|----------|-------|
| wiTECH or Equivalent | –        | –     |

**REPAIR PROCEDURE:****WARNING!**

- When performing repairs that directly involve or imply possible contact with live high voltage components/systems, the technician must ensure that the power supply of the high-voltage system is disconnected throughout the operation.
  - Only specifically trained technicians qualified to perform repairs on vehicles with high voltage systems under current national laws/regulations are authorized to work on the vehicle.
  - Before performing any diagnostic repair work on the vehicle, carefully read and comply with the general instructions for working safely on hybrid/electric vehicles and use suitable general equipment and Personal Protective Equipment (PPE).
1. Replace the High Voltage Battery Pack. Refer to the detailed procedures available in DealerCONNECT > Service Library> under: 12 - Electrified Powertrain System / High Voltage Battery / High Voltage Battery / Removal and Installation.
  2. Clear any DTCs that may have been set.

**NOTE: \*\*For SA market only, after applying this TSB, it is not necessary to send DID-I or DID-A.\*\***

**POLICY:**

Warranty Extension to extend the current warranty period to unlimited years and miles from vehicles in-service date. See Warranty Bulletins: U.S. D-26-06, Canada SAB 2026-05, PR/USVI ID-26-06, China: ID-26-07, Australia ID-26-08, Japan ID-26-09, South Korea ID-26-10, Iceland ID-26-11, New Zealand ID-26-12, Thailand ID-26-13, Israel ID-26-14, Enlarged Europe ID-26-15, Middle East & Africa ID-26-16 and South America ID-26-17 for details associated with the Warranty Extension.

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