

Technical Service Bulletin (TSB)

Engine Will Not Start If Fault Code P0AA1-09 Is Present

REFERENCE:	TSB: 08-281-26 GROUP: 08 - Electrical	Date:	July 17, 2026	REVISION:	—
VEHICLES AFFECTED:	2023 - 2026 (JJ) Jeep Avenger 2026 (MW) Jeep Compass This bulletin applies to vehicles equipped with a 1.2L EB Turbo 3 Cyl MHEV Eng (Sales Codes EJB or EJE).			MARKET APPLICABILITY: ☐ NA☐ MEA ☐ SA☐ IAP ☒ EE☐ CH NOTE: This bulletin applies to the Enlarged Europe market.	
CUSTOMER SYMPTOM:	Customers may experience the following: The engine will not start with display of the message "Electric drive system fault" in the Instrument Panel Cluster (IPC) - if fault code P0AA1-09 is present.				
CAUSE:	Battery relay stuck closed				

CLAIMS DATA:

Labor Operation No:	Labor Description	Skill Category	Labor Time
08-19-49-91	Traction Battery - Replace (0 - Introduction)	6 - Electrical and Body Systems	2.4 Hrs.
Failure Code	ZZ	Customer Concern	

REPAIR PROCEDURE:

Read the fault codes

- If fault code P0AA1-09 is present in the traction battery ECU: apply this document.
- If fault code P0AA1-09 is not present in the traction battery ECU: do not apply this document; carry out in-depth fault finding.

NOTE: The fault code may be accompanied by other fault codes.

Repair 1:

Replace the traction battery/in addition, carrying out this repair requires the following operations to be carried out: two nuts.

In addition, carrying out this repair requires the following operations to be carried out:

- Observe the safety and cleanliness recommendations
- Cut the voltage supply to the vehicle
- Drain the traction battery/cooling circuit
- If the traction battery is replaced, carry out the repackaging procedure
- Observe the tightening torques for the hybrid drive train components
- Observe the exhaust line tightening torques
- Supply the vehicle with voltage
- Fill and bleed the traction battery/cooling circuit

Repair 2:

Downloading

NOTE: The diagnostic tool must be at the latest update version available on the remote update server.

Download the latest traction battery ECU software/present on the aftersales server.

POLICY:

Reimbursable within the provisions of the warranty.

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