

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.

This bulletin is supplied as technical information only and is not an authorization for repair. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, or otherwise, without written permission of FCA US LLC.