

## Volvo Car USA LLC

## Technical Journal

Technical Journal Title SoC Drop After Cold Parking at Low SoC		Ref. No. TJ 37784.1.0	
Issuer (Dept.) Technical Service		Issue Date 3/12/26	Status Date 3/19/26
Car Market United States and Canada	Partner 3 US 7510 Volvo Car USA	Function Group 3113	
Function Description Battery, high voltage		Page Page 1 of 2	

### DESCRIPTION:

If the customer complains about a significant HV battery SoC drop after parking, please follow the advice under “service”.

### CSC Customer Symptom Codes

Code	Description
YN	High voltage battery/Discharged/poor charge

### DTC Diagnostic Trouble Codes

### Vehicle Type

Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis range	Struc Week Range
536	ED	E400V6					2021-2023		-	202037-202316
536	EH	E400V8					2024-2026		-	202317-202616
536	ER	E400V12					2024-2026		-	202317-209952
539							2022-2026		-	202139-209952

### SERVICE:

We currently have an HV battery SoC calculation issue that may occur after parking in low temperatures combined with a low SoC.

In cold weather (50°F and below) when the SoC is below 40% the indicated SoC may drop by approximately 10-15%. The correct SoC value is the one displayed when the vehicle is initially parked. The range will slowly recover and will be completely recovered after HV battery charge.

Work is ongoing for a software fix and is planned for release in quarter 2 2026 for vehicles with structure week before 2023w46, and in quarter 4 2026 for vehicles with structure week 2023w46 and later.

No fault tracing is needed and do not replace any parts - this will not resolve the issue.

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### **Abbreviations:**

SoC = State of Charge

DIM = Driver information module

### **Warranty claim info:**

No warranty claim is accepted for this TJ.

### **VEHICLE REPORT:**

Yes, please submit a Vehicle Report if the service solution described in this TJ has no effect. Use concern area "Vehicle Report" and sub concern area "Support not needed", use function group 3113.