

Technical Journal

TITLE:

BEV High Voltage Battery Replacement

REF NO: TJ 36418.1.0	ISSUING DEPARTMENT: Technical Service	CAR MARKET: United States and Canada	
PARTNER: 3 US 7515 Polestar		ISSUE DATE: 2022-12-09	STATUS DATE: 2022-02-12
FUNC GROUP: 3113	FUNC DESC: Battery, high voltage	Page 1 of 3	

Attachment

File Name	File Size
Sp list 36418.pptx	0.0394 MB

Rows beginning with * are modified

Note! If using a printed copy of this Technical Journal, first check for the latest online version.

DESCRIPTION:

In the event of complete high-voltage battery replacement, the battery being installed may not have the same cell chemistry as the battery being removed.

The replacement battery will always have the same or higher capacity than the original battery.

To use another cell chemistry you need to download a unique SP (Software Product).

This TJ will guide you on which SP to use in high voltage battery replacement where the battery is replaced with different cell chemistry.

Please follow the instruction under "Service."

CSC Customer Symptom Codes

Code	Description
7B	Starting/Engine does not start/Engine does not turn/No clicking sound at start attempt

Technical Journal 36418.1.0

DTC Diagnostic Trouble Codes

Vehicle Type

Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis range	Struc Week Range
534	ED	E400V6					2021-2023		-	202007-202317
534	EG	E400V9					2021-2021		-	202122-202146

SERVICE:

When a new battery is installed and the cell chemistry is different a unique SP is necessary, see attachment "SP list 36418.pdf".

The SP changes the Variant Attribute in the vehicle to match that of the replacement battery.

The information of what battery is installed in the vehicle can be found in VIDA, Vehicle details, Variant Attribute, and search for VDN code CKxx. The part number label is placed on the rear left side of the HV battery.

Use the following sequence when installing the SP:

1. Software product to change from one CK to another see attachment "SP list 36418.pdf".
2. Perform BECM Reload
3. Perform Total Upgrade

If the wrong SP is used, the car will not start after the battery replacement.

Warranty claim info:

To get a warranty claim accepted for a job described in this TJ, please use the following data:
VST OP number: 36004-2

Note: TJ number must be stated in the repair order text.

VST Operation Number

VST Operation Number	Description
36004-2	Software control module downloading

LABOR TIME:

Labor time subject to change without notice.

VEHICLE REPORT:

Yes, please submit a Vehicle Report if the service solution described in this TJ has no effect. Use concern area "Vehicle Report Polestar" and sub concern area "Support needed", use function group 3113.

To view TJ attachment continue to next page. This TJ has one attachment.

Technical Journal 36418.1.0

Software Product list 36418 BEV Polestar

		For vehicle with CK06	For vehicle with CK23
Type	Model Year	Battery part numbers 32361092, 36003632, 36051303, 32336733, 36003633, 36051304	Battery part numbers 32361091, 36010575, 36051292, 36051293, 36051294
PS2 AWD	2021	SP 32397478	Not supported
PS2 FWD	2022	Not supported	SP 32397476 only for structure week starting from 21w22 to and included 21w45