

Technical Journal

TITLE:

Polestar 2 Performance Software: General Info and OTA Failure Instructions

REF NO: TJ 36126.4.0	ISSUING DEPARTMENT: Technical Service	CAR MARKET: United States and Canada	
PARTNER: 3 US 7515 Polestar		ISSUE DATE: 2022-12-06	STATUS DATE: 2023-01-06
FUNC GROUP: 3018	FUNC DESC: Software	Page 1 of 3	

Attachment

File Name	File Size
How To Verify Installation.PNG	0.2379 MB

Rows beginning with * are modified

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

DESCRIPTION:

The performance software upgrade increases the two motors' combined certified output over the complete RPM range, increasing power from 300 kW (402 bhp) to 350 kW (469 bhp) and torque from 660 to 680 Nm (487 to 502 lb-ft); a boost that also reduces the acceleration time from 0-60 mph to just 4.2 seconds.

The upgrade functions as a 'power boost', improving mid-range acceleration and overall responsiveness. While improved responsiveness and pedal mapping apply at all times, the boost is most noticeable at speeds between 70 and 130 km/h (45 and 80 MPH) and is fully available between 70-100% State of Charge (SoC). Between 40-70% SoC, the power boost will be slightly lower. This is to protect battery integrity. Similarly, below 40% SoC, the power boost is not available and the standard vehicle power and torque outputs apply, also to protect battery integrity.

If a Polestar 2 customer purchased a performance SW via OTA and the SWDL is not successful, Polestar will contact the customer and advise them to visit a dealer for assistance with the SWDL.

Please follow the instructions under service.

SW (Software)

OTA (Over The Air)

SWDL (Software Download)

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CSC Customer Symptom Codes

Code	Description
52	Remote update/Does not work

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					2021-9999		-	202007-999952

SERVICE:

When a customer purchases performance SW, Polestar will add it to the vehicle's central SW archives. If the OTA download fails, the software can be recovered by installing a Total Upgrade.

After the Total Upgrade is performed please verify the Performance SW is installed. See the attachment "How To Verify Installation" for instructions.

NOTE: If a customer requests assistance with affixing the door decals, a pre-approval by Polestar is required to claim the job.

For more information visit the Polestar Support site: <https://www.polestar.com/en-is/polestar-support/performance-software-upgrade>

Please also refer to the Polestar Performance Software Service Manager Bulletin (00-024P) for additional information and frequently asked questions.

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 and CSC 52.

VST Operation Number

VST Operation Number	Description
36004 - 2 0.5	Software control module downloading

LABOR TIME:

0.5

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 Needed" and Title, "Performance SW via OTA Failure," use function group 3018.

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

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Home Polestar 2, 2022, E400W6, 1EDT AWD x

Planning & Diagnostics Software Installation Information Service Journals

Model/Year/Class: Polestar 2, 2022, 050994

Customer Name: Connection: Virtual #1 V / 97% Inactive

Lists

- Planning
- Customer Symptom Codes
- Claim Types
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- Software
- Diagnostics**
- Components
- Service Functions

Diagnostic Overview Customer Symptom Codes

View Details

Vehicle Details VOC Details

Vehicle Readout General Attributes Hardware and Software Variant Attributes Options

Apply vehicle filter Print

VDN	Description	Value
2260	ADM. FAMILY AFTERMARKET	Service solution
0113	COMMON 26	V331
0208	COMMON MATERIAL	Common material - all type 26 cars
261E	ENGINE OPTIMIZATION AFTERMARKE	E400V6 408/330 ->
YESC	GROSS WEIGHT, C1	2600 kg
RS26	TYRE DIMENSION	245/45R19