

Technical Journal

TITLE:

DIM message and DTC VCU1 U016800

REF NO: TJ 36380.1.0	ISSUING DEPARTMENT: Technical Service	CAR MARKET: United States and Canada	
PARTNER: 3 US 7515 Polestar		ISSUE DATE: 2022-11-08	STATUS DATE: 2023-01-06
FUNC GROUP: 3872	FUNC DESC: Collision avoidance	Page 1 of 3	




Attachment

File Name	File Size
TJ_36380.jpg	0.2348 MB

DESCRIPTION:

If you have a DIM message together with DTC's: VCU1 U016800 and CEM U110082. Please follow instructions under "Service".

CSC Customer Symptom Codes

Code	Description
1V	Passenger compartment lighting/Constantly lit
1R	Front monitoring/Active safety/Lane Departure Warning does not work 
1X	Front monitoring/Active safety/Adaptive cruise control does not work 
1T	Warning lights and chimes/Front monitoring/Active safety indication/no indication 

DTC Diagnostic Trouble Codes

Vehicle Type

Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis range	Struc Week Range
534							2021-9999		0000001-9999999	202007-999952

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SERVICE:

ASDM = Active Safety Domain Master

Connect VIDA to read-out the car. If you find the ASDM “not responding” together with both DTC’s VCU1 U016800 and CEM U110082:

- 1) Go to “Software Installation” -> “Advanced test” (see attachment)
- 2) Remove power fuse(s) to the ASDM module (CF15 for PS2)
- 3) Click on “Enable Programming Mode”
- 4) Insert ASDM fuse(s) again
- 5) Try to read out hardware number and serial number of the ASDM module.
- 6a) If Hardware and Serial number can successfully be read: Close the window by clicking on the cross so that the programming mode remains on
- 7a) Reload ASDM module with VIDA

- 6b) If the Hardware number and Serial number were not read -> repeat steps 2 to 5 Note: Please try at least 8 times

If the steps above were unsuccessful in recovering the ASDM, you may replace the ASDM.

Analysis is ongoing how to prevent these DTC’s from being incorrectly triggered.

Warranty claim info:

To get warranty claim accepted for a job described in this TJ, please use following data: In case you were able to recover the ASDM

ONLY use VST OP number: 99928-2

Note: TJ number must be stated in repair order text!

In case the ASDM needed to be replaced:

ONLY use VST OP number: 37225-2

Note: TJ number must be stated in repair order text!

VST Operation Number

VST Operation Number	Description
37225-2	Active Safety Domain Master (ASDM) replace (incl. calibration)
99928-2	General reimbursement to TJ

LABOR TIME:

0.7 and 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 Polestar” and sub concern area “Support Not needed Polestar”, use function group 3872.

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

The screenshot displays the VIDA software interface for a Polestar 2, 2021, E400V6, 1EDT A... vehicle. The 'Software Installation' section is active, showing a table with columns for Description, Part Number, and Size. A message indicates that no software information was found. An 'Advanced Test' dialog box is open, featuring a 'Control unit connection' section with a list of ECUs (ASDM, AUD, BBS, BCM2, BMS, CCM, CEM, CSD, DDM, DIM, ECM, EGSM, ESM, FLC2, FLR, HCML, HCMR, IEM, IHFA) and a 'Mode' column. The 'Enable Programming Mode' button is highlighted with a red box. Below the ECU list are fields for 'Hardware No.' and 'Serial No.' with input boxes. The dialog also includes sections for 'VIN Reading' (with a 'Read VIN' button) and 'PIE Connection' (with a 'Test PIE Connection' button). A red box highlights the 'Advanced Test' button in the background interface.

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