

Technical Journal

TITLE:

First Year Policy: ERAD / TVDC

REF NO: TJ 37196.1.0	ISSUING DEPARTMENT: Technical Service	CAR MARKET: United States and Canada	
PARTNER: 3 US 7515 Polestar		ISSUE DATE: 2024-12-12	STATUS DATE: 2025-01-10
FUNC GROUP: 4632	FUNC DESC: Electrical rear axis drive	Page 1 of 2	

DESCRIPTION:

A new electrical powertrain ERAD / TVDC has been launched in model year 2025.

During the first year of production of this new ERAD, we need to be aware of quality issues as quickly as possible.

For this reason, CMQ (Volvo Cars Central Quality Organization) must be contacted before performing any repairs on the ERAD/TVDC unit.

No ERAD/TVDC units shall be opened or replaced without approval or request from the CMQ.

ERAD = Electric Rear Axle Drive

TVDC = Torque Vectoring by Dual Clutch

CSC Customer Symptom Codes

Code	Description
ZZ	Power transmission/Component power transmission wrong installation/missing
53	Driving, Twin Engine/Propulsion using electric motor not possible
AJ	Driving/Poor performance/lacks power
AK	Driving/Hesitates/surges/Unsure when/at all times
AL	Driving/Hesitates/surges/During acceleration
AM	Driving/Hesitates/surges/During deceleration
BV	Driving/Hesitates/surges/At steady speed
7G	Text window and warning symbol/Yellow symbol and text message
IV	Text window and warning symbol/Text message
8M	Warning lights and chimes/Other warning/chime problems
DL	Warning lights and chimes/Malfunction Indicator Light ("Check engine" light) indication/no indication

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Code	Description
C4	Complete vehicle/Unusual noise/While driving
8N	Driving/Unusual noise/Unsure when/at all times
F2	Driving/Unusual noise/During acceleration
C3	Automatic transmission/Unusual noise
D2	Front/rear axle/Unusual noise
W2	Front/rear axle/Vibration/shake

DTC Diagnostic Trouble Codes

Vehicle Type

Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis range	Struc Week Range
359							2025-9999		-	202402-999952

SERVICE:

Please follow the information under Vehicle Report.

Warranty claim info:

Claim requests may be rejected unless a vehicle report is created.

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

LABOR TIME:

Labor time subject to change without notice.

VEHICLE REPORT:

Yes, please submit a Vehicle Report in **all** cases of ERAD/TVDC failure. Describe the customer's symptoms and the dealer's observation carefully in detail.

Use the concern area "Vehicle Report Polestar" and the sub-concern area "Support Needed Polestar" for issues that require fault tracing assistance or a hardware replacement of the ERAD/TVDC.

Use the sub-concern area "support Not Needed Polestar" for other issues, use function group 4632.