

Technical Journal

TITLE:

Rumbling Noise From ERAD / TVDC

REF NO: TJ 37141.3.0	ISSUING DEPARTMENT: Technical Service	CAR MARKET: United States and Canada	
PARTNER: 3 US 7515 Polestar		ISSUE DATE: 2024-11-07	STATUS DATE: 2024-11-18
FUNC GROUP: 4601	FUNC DESC: Rear axle, complete	Page 1 of 2	

Attachment

File Name	File Size
TJ-37141_1.mp3	0.8486 MB

DESCRIPTION:

A customer may experience a rumbling noise from the rear of the vehicle when driving. This noise may be most noticeable at full steering angle and low speeds.

Listen to the attached sound file TJ-37141_1.mp3 as an example of this noise. (The noise is heard at 5 and 26 seconds in the recording)

Please follow the advice under "Service".

ERAD - Electrical Rear Axle Drive

TVDC - Torque Vectoring by Dual Clutch

CSC Customer Symptom Codes

Code	Description
8N	Driving/Unusual noise/Unsure when/at all times
D2	Front/rear axle/Unusual noise

DTC Diagnostic Trouble Codes

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Vehicle Type

Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis range	Struc Week Range
359	EA	E400V30					2024-9999		-	202402-999952
359	EE	E400V7					2024-9999		-	202402-999952

SERVICE:

Note: Follow this journal and the steps below before replacing any parts.

1. Perform an oil change in the TVDC according to VIDA instructions. If the noise is gone afterward, release the vehicle to the customer. If the noise remains, continue to step 2.
2. Replace the TVDC according to VIDA.

Warranty claim info:

To get a warranty claim accepted for a job described in this TJ, use the corresponding VST OP number stated in this TJ.

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

VST Operation Number

VST Operation Number	Description
46562-2	TVDC, replacement
98588-2	Oil change TVDC acc. to TJ

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 Polestar", use function group 4601.

This TJ has one sound file.