

V O L V O

Volvo Car USA LLC

Technical Journal

Technical Journal Title Rumbling Noise From ERAD / TVDC		Ref. No. TJ 37140.1.0	
Issuer (Dept.) Technical Service		Issue Date 12/2/24	Status Date 12/17/24
Car Market United States and Canada	Partner 3 US 7510 Volvo Car USA	Function Group 4601	
Function Description Rear axle, complete		Page Page 1 of 2	

Attachment

File Name	File Size
TJ-37140_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-37140_1.mp 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

Vehicle Type

Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis range	Struc Week Range
356	EE	E400V7					2025-9999		-	202417-999952
356	EV	E400V3					2025-9999		-	202417-999952

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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

VEHICLE REPORT:

Yes, please submit a Vehicle Report if the service solution described in this TJ does not work. Use the concern area "Vehicle Report" and the sub-concern area "Support Needed." Use function group 4601.

This TJ has one sound file.