

**Volvo Car USA LLC****Technical Journal**

Technical Journal Title Shudder/Vibrations during acceleration, 40-65 mph		Ref. No. TJ 36724.1.0	
Issuer (Dept.) Technical Service		Issue Date 9/21/23	Status Date 9/28/23
Car Market United States and Canada	Partner 3 US 7510 Volvo Car USA	Function Group 4600	
Function Description Rear axle, drive shaft		Page Page 1 of 2	

DESCRIPTION:

If shudder/vibrations occurs during medium to hard accelerations in speeds between 60-100 kph (40-65 mph), please follow advice under "Service".

CSC Customer Symptom Codes

Code	Description
V6	Complete vehicle/Vibration/When driving below 45 MPH
V7	Complete vehicle/Vibration/When driving above 45 MPH
W2	Front/rear axle/Vibration/shake
V1	Tires/Vibration/out of round

DTC Diagnostic Trouble Codes**Vehicle Type**

Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis range	Struc Week Range
536	EH	E400V8					2024-9999		-	202317-999952
536	ER	E400V12					2024-9999		-	202317-999952
539	EH	E400V8					2024-9999		-	202317-999952
539	ER	E400V12					2024-9999		-	202317-999952

SERVICE:

Do not replace any parts.

Analysis is ongoing to find the root cause. This Technical Journal will be updated when new information is available.

To help complaining customers, make sure that vibrations do not emanate from the wheels by performing road force variation measurement and wheel balancing.

Warranty claim info:

To get warranty claim accepted for a job described in this TJ, please use following data:
VST OP number: 96401-2 and 77006-0

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

VST Operation Number

VST Operation Number	Description
96401-2	Troubleshooting wheels/tyres/hubs:V1
77006-0	Wheels x4 balance

VEHICLE REPORT:

Yes, please submit a Vehicle Report if the customer is experiencing the condition(s) described above.

Use concern area "Vehicle Report" and sub concern area "Support not needed", use function group 4600.

If diagnostic assistance is needed, use sub concern area "Support Needed."