

V O L V O

Volvo Car USA LLC

Technical Journal

Technical Journal Title Intermittent knocking noise during acceleration		Ref. No. TJ 36496.10.0	
Issuer (Dept.) Technical Service		Issue Date 4/30/26	Status Date 5/5/26
Car Market United States and Canada	Partner 3 US 7510 Volvo Car USA	Function Group 4602	
Function Description Front axle, complete		Page Page 1 of 2	

Attachment

File Name	File Size
TJ 36496.wav	0.7539 MB

Rows beginning with * are modified

Note! If using a printed copy of this Technical Journal, first check for the latest online version.

DESCRIPTION:

*Updated Part numbers under service.

If an intermittent knocking noise occurs during acceleration, please follow the advice under "service".

CSC Customer Symptom Codes

Code	Description
C4	Complete vehicle/Unusual noise/While driving
F3	Complete vehicle/Unusual noise/During acceleration
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
536	ED	E400V6					2021-2023		-	202037-202316
536	ER	E400V12					2024-2025		-	202317-202516
539	ED	E400V6					2021-2023		-	202037-202316
539	ER	E400V12					2024-2025		-	202317-202516

SERVICE:

If an intermittent knocking noise occurs during acceleration, the root cause may be the front axles. Listen to the attached sound file as a reference. The sound file is recorded from the front seat at a normal head height/position.

Technical Journal 36496.10.0

The noise usually occurs at the start of a driving cycle when the vehicle is cold.

If the sound corresponds to the attached sound file, replace both front axles using the part numbers below.

***Part numbers:**

Left front: 36013446

Right front: 36013447

Warranty claim info:

To get warranty claim accepted for a job described in this TJ, please use following data: VST OP number: 46632-2 and 46630-2

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

VST Operation Number

VST Operation Number	Description
46632-2	Drive shaft right
46630-2	Drive shaft left

VEHICLE REPORT:

Yes, please submit a Vehicle Report if the service solution described in this TJ has no effect. Use concern area "Vehicle Report" and sub concern area "Support not needed", use function group 4602.

This TJ has one sound file.