

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

Technical Journal Title		Ref. No.	
Upper front suspension creaking/knocking noise		TJ 36512.2.0	
Issuer (Dept.)		Issue Date	Status Date
Technical Service		4/20/23	4/28/23
Car Market	Partner	Function Group	
United States and Canada	3 US 7510 Volvo Car USA	7233	
Function Description		Page	
Mounting		Page 1 of 3	

Attachment

File Name	File Size
TJ 36512 knocking noise.MOV	8.0215 MB
Creaking noise.mp4	
TJ36512 Picture 1.png	0.1622 MB
TJ36512 Picture 2.png	0.0680 MB

Rows beginning with * are modified

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

DESCRIPTION:

Rows with * is updated

If there is a confirmed creaking/knocking noise from the upper front suspension:

- During acceleration/braking ([knocking noise.MOV](#) and picture 1)
- During (slowly) driving over bumps and into turns ([knocking noise.MOV](#) and picture 1)
- During turning to left or right when standing still ([Creaking noise.mp4](#) and picture 2)
- During parking maneuvering ([Creaking noise.mp4](#) and picture 2)

Then follow the advice under Service.

CSC Customer Symptom Codes

Code	Description
WV	Suspension/Clicking/clonking noise/At start/stop
WY	Suspension/Clicking/clonking noise/Unsure when/at all times
X1	Suspension/Unusual noise
H4	Steering/Unusual noise/Unsure when/at all times
X8	Steering/Unusual noise/At full turn
8J	Shock absorption/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							2019-2024		-	201746-202335
539							2022-2024		-	202140-202335

SERVICE:

Only replace the upper bearing according to VIDA.

Warranty claim info:

To get warranty claim accepted for a job described in this TJ, please use following data:
 VST OP number: 76138-2 or 76140-2

VST Operation Number

VST Operation Number	Description
76138-2	Bearing shock absorber front 1 side replace
76140-2	Bearing shock absorber front 2 side replace

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 7233.

To view TJ attachments continue to next page. This TJ has two attachments and two sound files.

