VOLVO CAR
SERVICE AND PARTS BUSINESS

Technical Journal

TITLE:

Left engine pad click sound

REF NO:	ISSUING DEPARTMENT:	CAR MARKET:
TJ 33442.12.0	Technical Service	United States and Canada

PARTNER:	ISSUE DATE:	STATUS DATE:
3 US 7510 Volvo Car USA	2020-11-23	2020-12-01

FUNC GROUP:	FUNC DESC:	
2180	Engine mounting	Page 1 of 6

"Right first time in Time"

Attachment

File Name	File Size
Click sound TJ33442.wav	5.4025 MB
TJ33442 Lubricate.pptx	1.0869 MB
TJI-514276-1_1_1_en-US.pdf	0.5225 MB

Rows beginning with * are modified
Note! If using a printed copy of this Technical Journal, first check for the latest online version.

DESCRIPTION:
*VST Operation No. Added for hybrid vehicle.

If the vehicle has a click sound from the left engine pad during driving, (a metallic click sound from A-pillar area)
Sound file with clicking noise added. (For best sound, use headphones)
Follow the advice under "Service".

CSC Customer Symptom Codes

Code	Description
F3	Complete vehicle/Unusual noise/During acceleration
F2	Driving/Unusual noise/During acceleration

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Vehicle Type

Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis range	Struc Week Range
224							2019-2020		-	201835-202021
225							2019-2020		-	201817-202021
227							2019-2020		-	201846-202021
234							2017-2017		-	201617-201716
235							2017-2020		-	201624-202021
236							2017-2020		-	201646-202021
238							2018-2020		-	201717-202021
246							2018-2020		-	201717-202021
256							2016-2020		-	201505-202021

SERVICE:
Separate the engine pad and lubricate with graphite (see attachment), than follow instruction new screw and washer.
Torque 10 NM.

*Example of graphite lubricant to use. Wurth P/N 08938711, 921938001, 0893240016.

VST Operation Number

VST Operation Number	Description
98494-2	Screw engine pad replace acc. to TJ33442
97733-2	High Voltage Battery disconnection connection and isolation test acc. to QB/TJ

VEHICLE REPORT:
Yes, please submit a Vehicle Report if click sound returns after repair and add video and sound file.

Use concern area “Vehicle Report” and sub concern area “Support not needed”, use function group 2180.

***Warranty claim info:**
To get warranty claim accepted for a job described in this TJ, please use following data:
VST OP number: 98494-2 and when applicable 97733-3 (Plug-in Hybrid)

To view TJ attachment continue to next page. This TJ has two attachments and one sound file.

SPA – Left engine pad click sound

Put lubricating grease with graphite on red marked points as in pictures above.

TJ33442

Volvo Car Customer Service

TJ Instruction VCC-514276-1

Title	Engine Pad Left	**Page**	1 (3)
Action	Product fix	**Operation number:**	98494-2

Issue	Date	Reason
1	2018-11	First issue
2	2018-11	Change in Affected Vehicles

Affected vehicles

Model year	Model	Engine	Transmission
2020, 2021	Polestar 1	B4204T25	TG-81SC TG-81SD
2019, 2020, 2021	S60 (19-)	B4204T28, T34, T35, T39, T45, T46, T48, T49	TG-81SC TG-81SD
2017	S90 (17-)	B4204T20, T23, T27 D4204T14, T23, T9	
2018, 2019, 2020, 2021	S90 (17-)	B4204T28, T34, T35	TG-81SC TG-81SD
2018, 2019, 2020, 2021	S90L	B4204T28, T34, T35, T39	TG-81SC TG-81SD
2019, 2020, 2021	V60 (19-)	B4204T28, T34, T35, T39, T45, T46, T48, T49	TG-81SC TG-81SD
2019	V60 Cross Country (19-)	B4204T23 D4204T14, T4	
2017	V90 (17-)	B4204T23, T27 D4204T14, T23, T4, T9	
2018, 2019, 2020, 2021	V90 (17-)	B4204T28, T34, T35, T46	TG-81SC TG-81SD
2017, 2018, 2019	V90 Cross Country	B4204T20, T23, T26, T27, T29 D4204T14, T23, T7	
2018, 2019, 2020, 2021	XC60 (18-)	B4204T28, T34, T35, T39, T42, T45, T46, T48, T49	TG-81SC TG-81SD
2016, 2017, 2018, 2019, 2020, 2021	XC90 (16-)	B4204T28, T34, T35, T39	TG-81SC TG-81SD

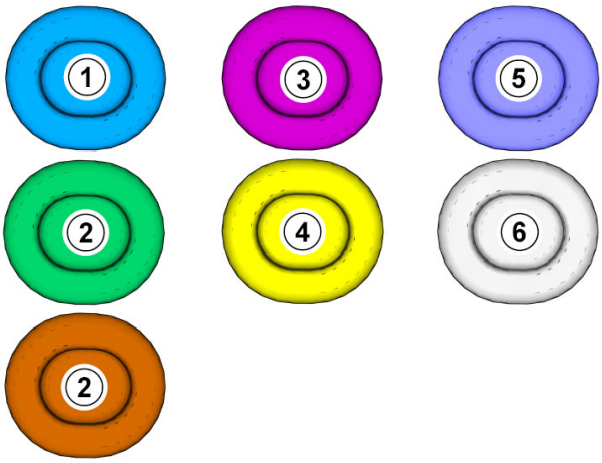
Materials

Materials	Qty.	Part No.	Notes
Washer	1.0	986509	
Flange screw	1.0	989857	

Removal

Note! Removal steps in this procedure may contain installation details.

Color symbols

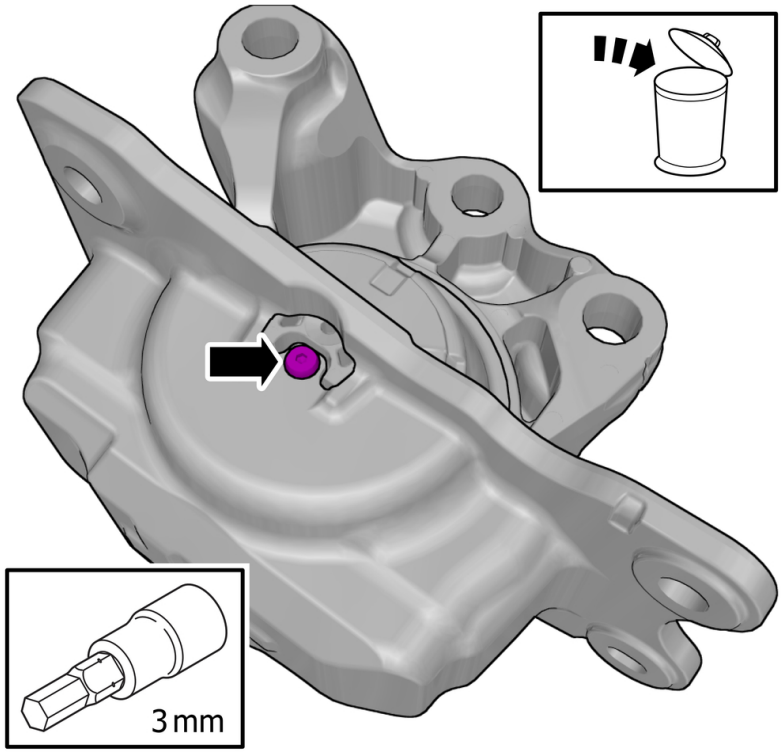


Note! This colour chart displays (in colour print and electronic version) the importance of the different colours used in the images of the method steps.

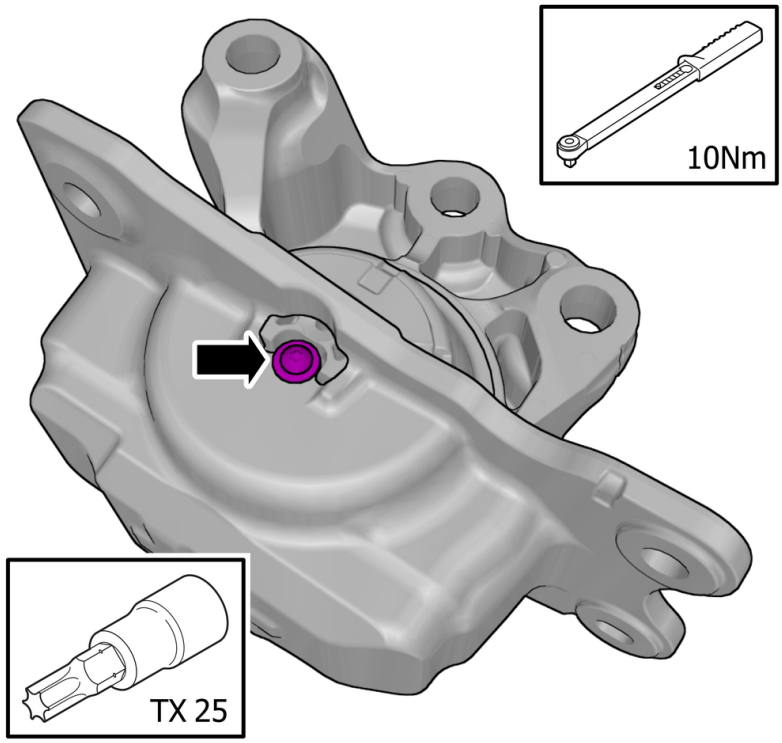
1 . Used for focused component, the component with which you will do something.
2 . Used as extra colors when you need to show or differentiate additional parts.
3 . Used for attachments that are to be removed/installed. May be screws, clips, connectors, etc.
4 . Used when the component is not fully removed from the vehicle but only hung to the side.
5 . Used for standard tools and special tools.
6 . Used as background color for vehicle components.

Remove left-hand engine support insulator , refer to:

Removal, replacement and installation
2 - Engine with mountings and equipment
21 - Engine
218 - engine mounting



Remove the screw.
The part is not to be reused.



Install the marked component.
Tighten the screw.

Installation

To install, reverse the removal procedure.