



Technical Journal

TITLE:

Drive E whining noise from engine

REF NO:
TJ 32958.1.1ISSUING DEPARTMENT:
Technical ServiceCAR MARKET:
United States and CanadaPARTNER:
3 US 7510 Volvo Car USAISSUE DATE:
2017-09-12STATUS DATE:
2017-09-26FUNC GROUP:
2169FUNC DESC:
Miscellaneous

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“Right first time in Time”

Attachment

File Name	File Size
Noise from balance shaft - TJ32958.wmv	1.8829 MB
Noise from balance shaft 2 - TJ32958.wmv	1.9513 MB
Rattling noise from balance shaft TJ32958.wmv	1.5820 MB

Vehicle Type

Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis range	Struc Week Range
1XX	26						2015-2019		-	201346-201827
1XX	26						2015-2019		-	201346-201827
1XX	26						2015-2019		-	201346-201827
1XX	27						2015-2019		-	201347-201406
1XX	27						2015-2019		-	201347-201406
1XX	27						2015-2019		-	201347-201406
1XX	40						2015-2019		-	201347-201827
1XX	49						2014-2019		-	201347-201827
23X	10	B4204T23					2017-2019		-	201617-201827
23X	98	B4204T23X					2017-2019		-	201646-201827
23X	99	B4204T27X					2017-2019		-	201646-201827
23X	A2	B4204T27					2017-2019		-	201617-201827
23X	BC	B1BPHEV					2017-2019		-	201646-201827
246	A2	B4204T27					2018-2019		-	201717-281827
246	BR	B1FPHEV					2018-2019		-	201717-201827



Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis range	Struc Week Range
256	10	B4204T23					2016-2019		-	201537-201827
256	A2	B4204T27					2016-2019		-	201505-201827
256	BC	B1BPHEV					2016-2019		-	201526-201827
256	BR	B1FPHEV					2018-2019		-	201717-201827

CSC Customer Symptom Codes

Code	Description
8N	Driving/Unusual noise/Unsure when/at all times
F1	Driving/Unusual noise/At engine shut off
F2	Driving/Unusual noise/During acceleration
ZE	Idling/Unusual noise

VST Operation Number

VST Operation Number	Description
21517-2	Balance shaft/Balance shaft module replace

DTC Diagnostic Trouble Codes

Rows beginning with * are modified

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Text

DESCRIPTION:

A whining or rattling sound may appear when revving up the engine (see attached sample files).

The sound may come from the balance shaft which is fitted in the oil sump area where the noise is most concentrated.

A new design of the balance shaft is planned to be introduced 2018-Q2.

SERVICE:

Replace the balance shaft according the instructions in VIDA.

Note: It's extremely important to adjust the new balance shaft with the correct tools according the instructions otherwise the sound may occur again in a short mileage.

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 2169.

This TJ has three sound files.