



Technical Journal

TITLE:

Oil leakage from plug in Variable Valve Timing pulley

REF NO: TJ 29131.5.0	ISSUING DEPARTMENT: Technical Service	CAR MARKET: United States and Canada	
PARTNER: 3 US 7510 Volvo Car USA		ISSUE DATE: 2016-10-17	STATUS DATE: 2016-10-20
FUNC GROUP: 2150	FUNC DESC: Transmission	Page 1 of 9	

“Right first time in Time”

Attachment

File Name	File Size
TJ29131-1.jpg	0.2297 MB
TJ29131-2.jpg	0.0285 MB
TJ29131-3.jpg	0.0800 MB
TJI-475358-1_1_2_en-US.pdf	1.1008 MB

Vehicle Type

Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis range	Struc Week Range
138	40	B4204T11					2016-2016	36	0097323-0103481	201535-201550
1XX	26						2014-2015		-	201346-201406
1XX	40						2014-2015		-	201346-201406
1XX	40						2016-2016		0000001-9999999	201533-201538
1XX	49						2014-2015		-	201346-201406
256	A2	B4204T27					2016-2016	21	0000001-9999999	201533-201538
256	BC	B1BPHEV					2016-2016		0000001-0000009	201533-201538

CSC Customer Symptom Codes

Code	Description
BU	Lubrication and oil system/Incorrect fluid level
J9	Lubrication and oil system/Oil leakage



VST Operation Number

VST Operation Number	Description
36050-2	Calibrating/Identifying with VIDA
98533-2	Plug VVT-Units,inc. camshaft belt and cleaning acc. to TJ29131
98532-2	Plug VVT-units replace acc. to TJ29131

DTC Diagnostic Trouble Codes

Rows beginning with * are modified

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

Text

DESCRIPTION:

Added vehicle type + engine

Customer may experience a low oil level warning in DIM and /or oil leakage from the engine.

The oil may leak due to a crack in the plug from the VVT pulley (see attached photo).

SERVICE:

Replace both plugs in both VVT-pulleys according to the attached instruction. Plug PN: 31375877

If the timing belt is effected with oil , replace the timing belt according to Vehicle Information Diagnostic for Aftersales (VIDA) instructions.

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 2150.

To view TJ attachment continue to next page. This TJ has four attachments.

019 5 23012013 121 121 121 121
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019 5 23012013 125 125 125 125
019 5 23012013 126 126 126 126





31375875-AA
M130 0044



Volvo Car Customer Service

TJ Instruction VCC-475358-1

Title	Plug VVT unit	Page	1 (4)
Action	Product fix	Operation number:	98532-2 98533-2 36050-2

Issue	Date	Reason
1	2014-06	First issue

Affected vehicles

Model year	Model	Engine
2015	S60 (11-)	B4204T11, T12, T9
2015	S80 (07-)	B4204T11, T12
2015	V60	B4204T11, T12, T9
2015	XC60	B4204T11, T12, T9
2015	XC70 (08-)	B4204T11
2016	XC90 (16-)	B4204T27, B1BPHEV

Materials

Materials	Qty.	Part No.	Notes
Plug	2.0	31375877	
Engine oil	0.5	31392923	(CN only 933382831);

Removal

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

Remove right front wheel , refer to:
Removal, replacement and installation
7 - Springs and wheels
77 - Wheels, tyres, hubs
771 - wheel and wheel trim

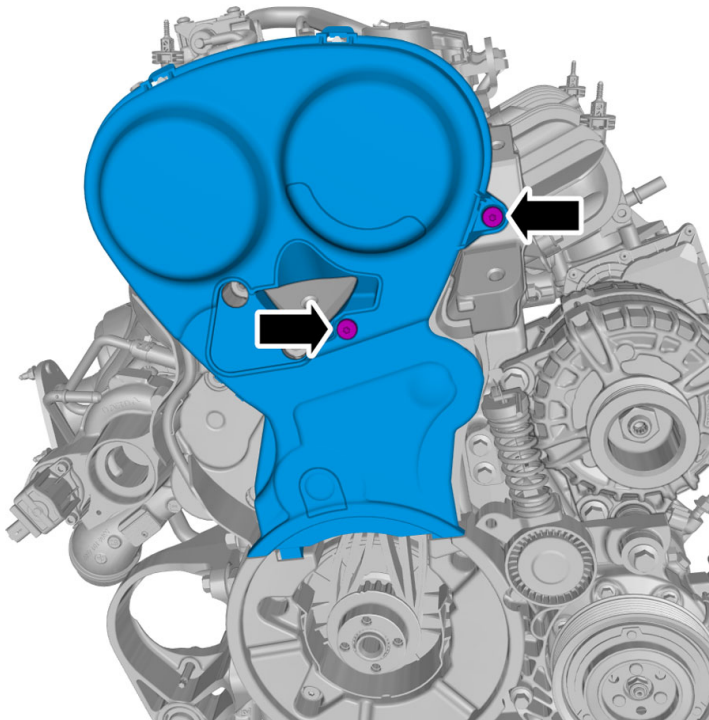
Remove engine pad right , refer to:
Removal, replacement and installation
2 - Engine with mountings and equipment
21 - Engine
218 - engine mounting

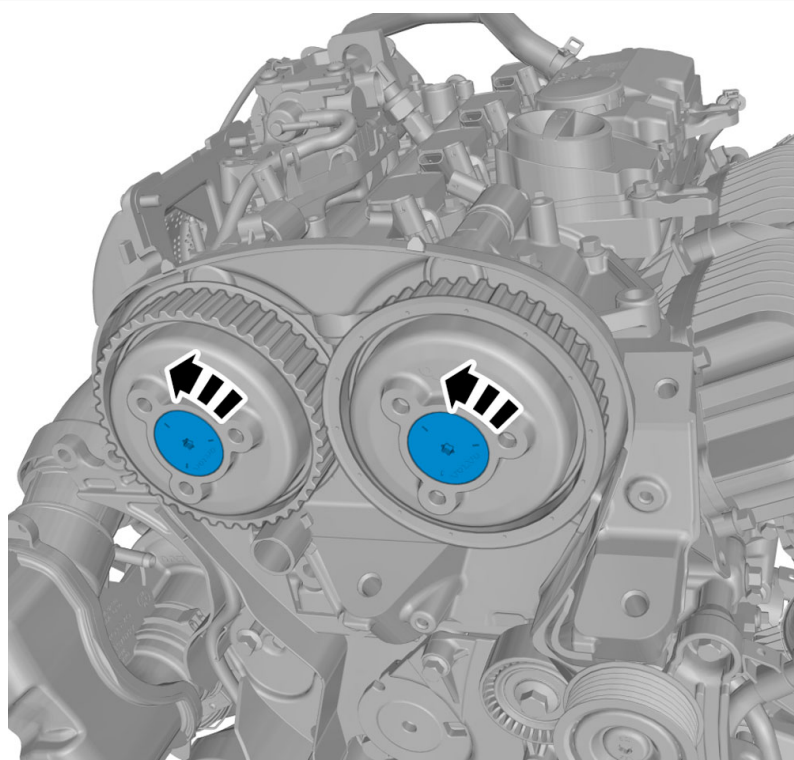
Remove the auxiliaries belt , refer to:
Removal, replacement and installation
2 - Engine with mountings and equipment
21 - Engine
215 - transmission

Remove the screws.

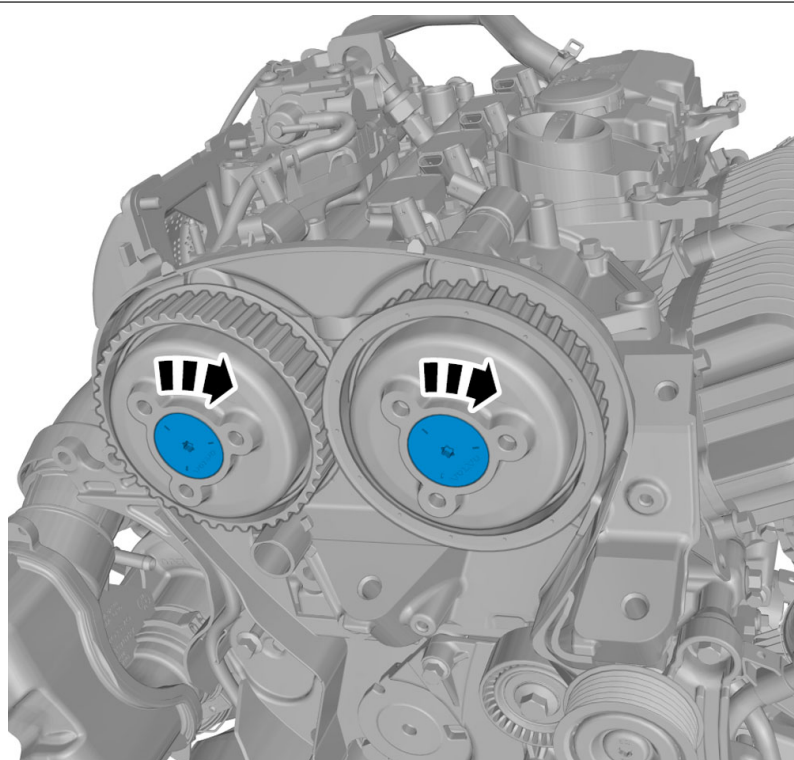
Torque:

M6 , 10 Nm

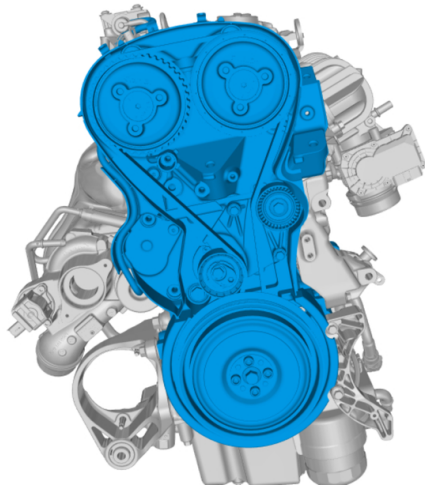




Warning! Be prepared to collect escaping fluid.



Torque:
Plug VVT unit , 5 Nm



Note! Make sure that the component is clean, free of foreign material and lubricant.

Installation

To install, reverse the removal procedure.

Check the oil level according to: VIDA/
DIAGNOSTICS/VEHICLE COMMUNICATION/
ECM/Advanced/General/Miscellaneous