



# Technical Journal

TITLE:  
Oil leakage from plug in VVT pulley

<b>REF NO:</b> TJ 29131.7.0	<b>ISSUING DEPARTMENT:</b> Technical Service	<b>CAR MARKET:</b> United States and Canada	
<b>PARTNER:</b> 3 US 7510 Volvo Car USA		<b>ISSUE DATE:</b> 2017-10-16	<b>STATUS DATE:</b> 2017-10-19
<b>FUNC GROUP:</b> 2150	<b>FUNC DESC:</b> Transmission	Page 1 of 8	

“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	1.0995 MB

## Vehicle Type

Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis range	Struc Week Range
138	40	B4204T11					2016-2018	36	0097323-9999999	201535-201718
156	40	B4204T11					2016-2018	36	0834791-9999999	201535-201718
1XX	26						2014-2017	21	-	201346-201633
1XX	26						2014-2017	22	-	201346-201633
1XX	27						2014-2017	21	-	201346-201633
1XX	40						2014-2017	21	-	201346-201633
1XX	40						2014-2017	22	-	201346-201633
1XX	49						2014-2017	21	-	201346-201633
1XX	49						2014-2017	22	-	201346-201633
256	A2	B4204T27					2016-2017	21	0000001-9999999	201505-201633
256	BC	B1BPHEV					2016-2017		-	201526-201633



## 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:

\*Updated structure week range for all vehicle type + engines.

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 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 three attachments.**







## Volvo Car Customer Service

TJ Instruction VCC-475358-1

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

Issue	Date	Reason
1	2014-06	First issue
2	2016-08	Change in Affected Vehicles

### Affected vehicles

Model year	Model	Engine
2014, 2015, 2016	S60 (11-)	B4204T11, T12, T19, T9
2016	S60L	B4204T11, T19
2014, 2015	S80 (07-)	B4204T11, T12
2014, 2015, 2016	V60	B4204T11, T12, T19, T9
2014, 2015	V70 (08-)	B4204T11
2014, 2015	XC60	B4204T11, T12, T9
2014, 2015	XC70 (08-)	B4204T11
2016	XC90 (16-)	B4204T27

### 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

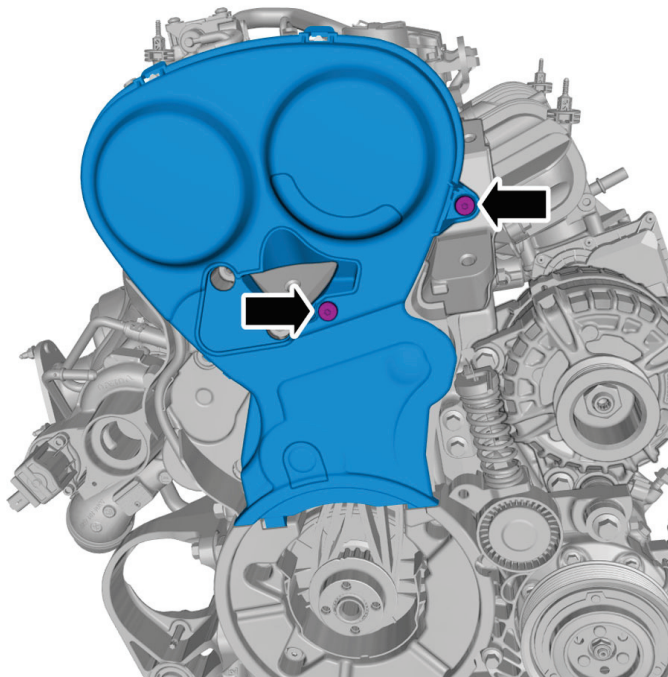
Remove engine pad right , refer to:  
Removal, replacement and installation  
2 - Engine with mountings and equipment  
21 - Engine  
218 - engine mounting

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

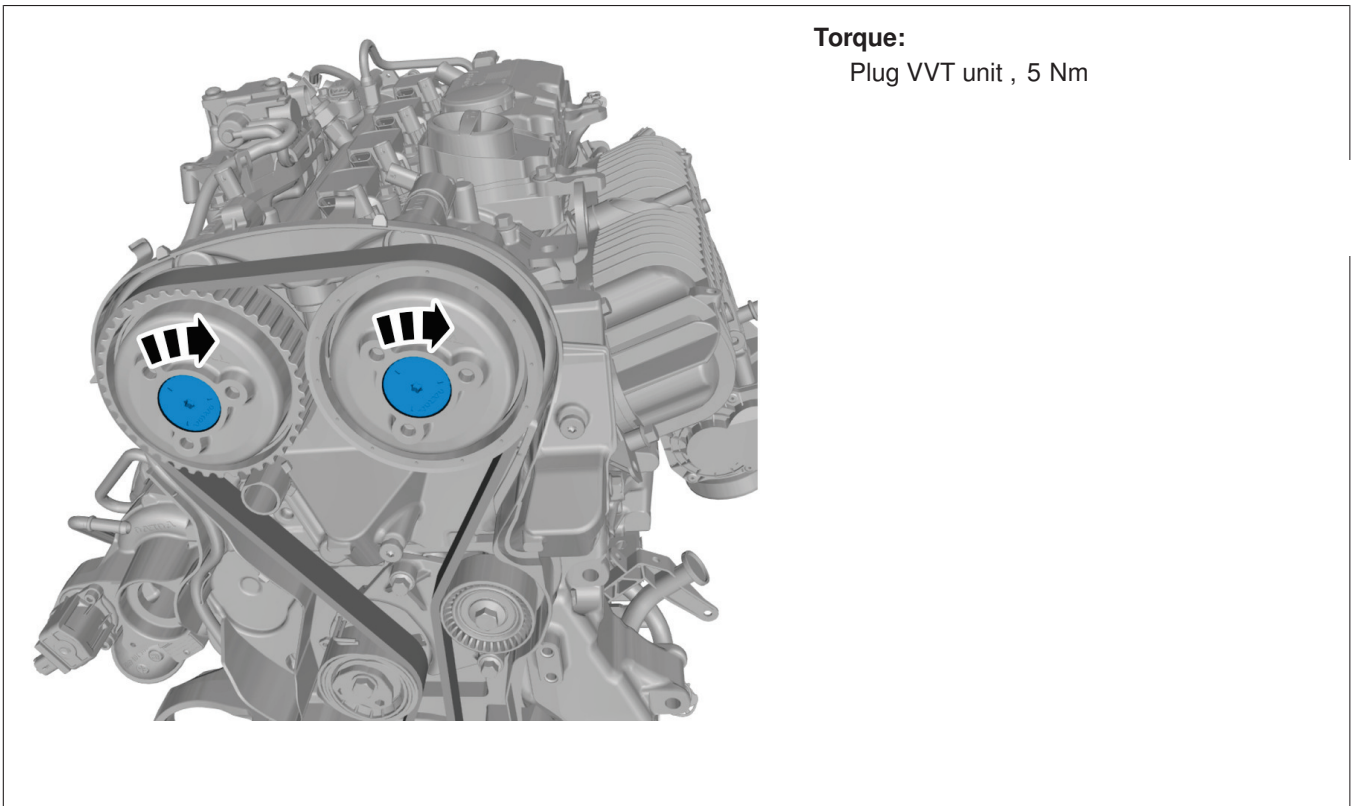
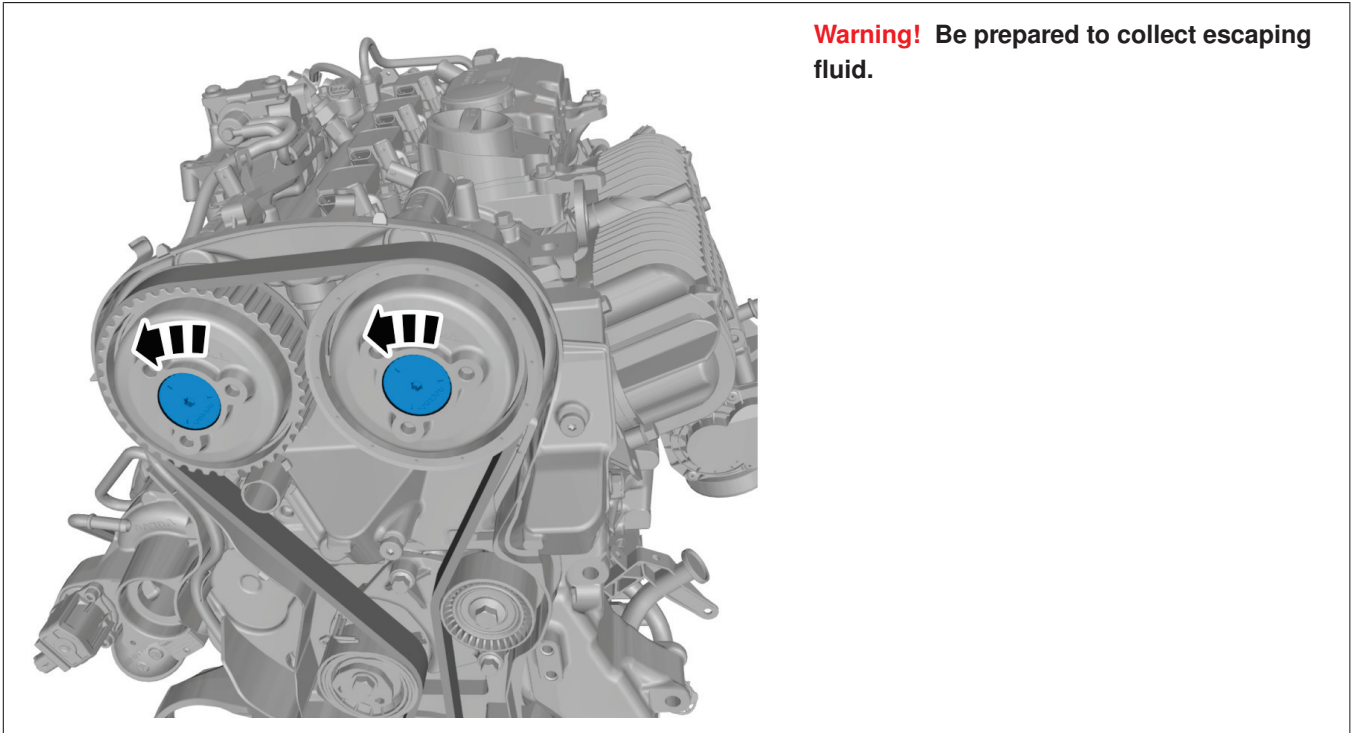
Remove the screws.

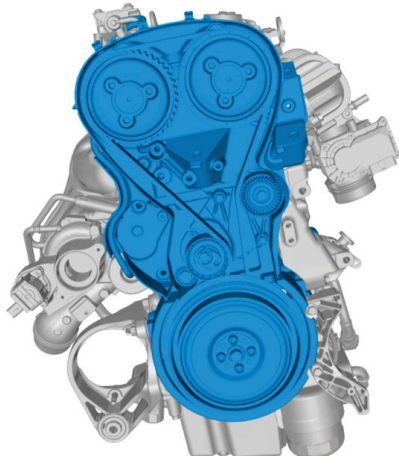
**Torque:**

M6 , 10 Nm









**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