VOLVO CAR
SERVICE AND PARTS BUSINESS

Technical Journal

TITLE:

Oil leakage from plug in Variable Valve Timing pulley

REF NO:	ISSUING DEPARTMENT:	CAR MARKET:	
TJ 29131	Technical Service	United States and Canada	
PARTNER:		ISSUE DATE:	STATUS DATE:
3 US 7510 Volvo Car USA		2016-03-04	2016-03-14
FUNC GROUP:	FUNC DESC:	Page 1 of 9	
2150	Transmission		

"Right first time in Time"

Attachment

File Name	File Size
TJ 29131 atachment (1).pdf	0.7623 MB
TJ29131-1.jpg	0.1172 MB
TJ29131-2.jpg	0.0799 MB
TJ29131-3.jpg	0.2098 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						2015-2015	21	-	201346-201406
1XX	26						2015-2015	22	-	201346-201406
1XX	27						2015-2015	21	-	201346-201406
1XX	27						2015-2015	21	-	201346-201406
1XX	40						2015-2015	21	-	201346-201406
1XX	40						2015-2015	22	-	201346-201406
1XX	49						2015-2015	21	-	201346-201406
1XX	49						2015-2015	22	-	201346-201406
1XX	AG						2015-2015	21	-	201346-201406
1XX	AG						2015-2015	22	-	201346-201406

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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:
Chengdu produced cars added under ***Vehicle Type***.
Customer may experience a low oil level warning in Driver Information Module 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 attachments continue to next page. This TJ has four attachments.

Volvo Car Customer Service

TJ 29131

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

Affected vehicles

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

Materials

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

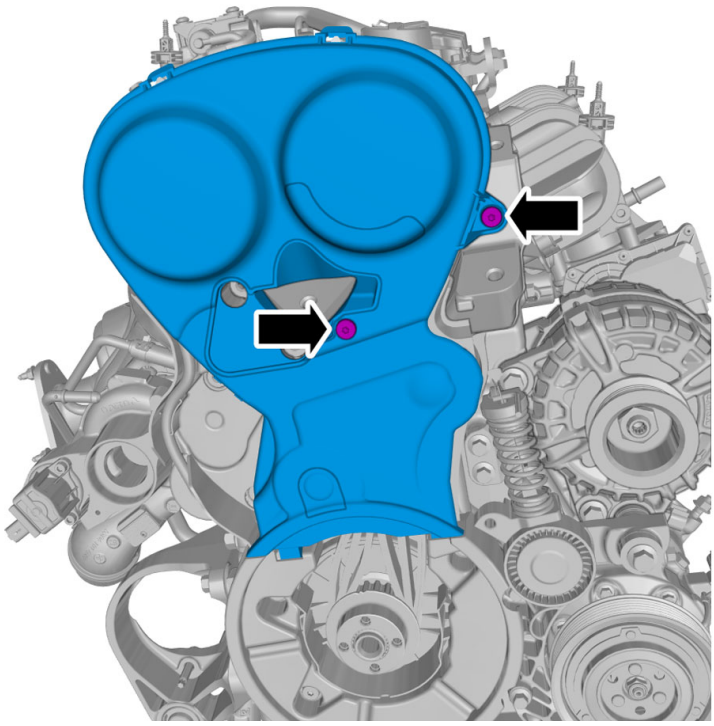
Removal

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

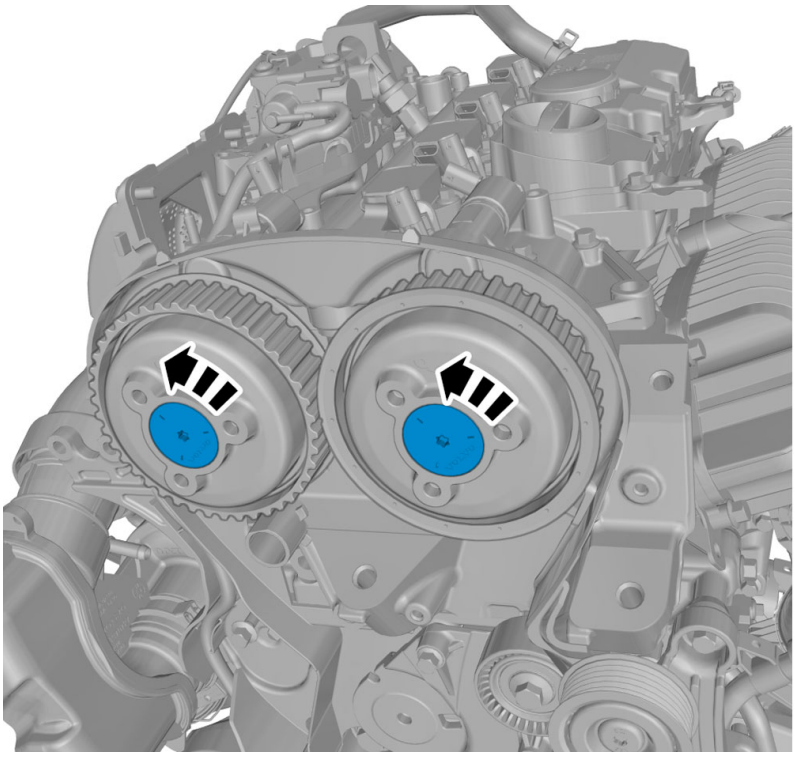
Remove engine pad right , refer to:
- Removal, replacement and installation
- 2 - Engine with mountings and equipment
- 21 - Engine
- 218 - engine mounting

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

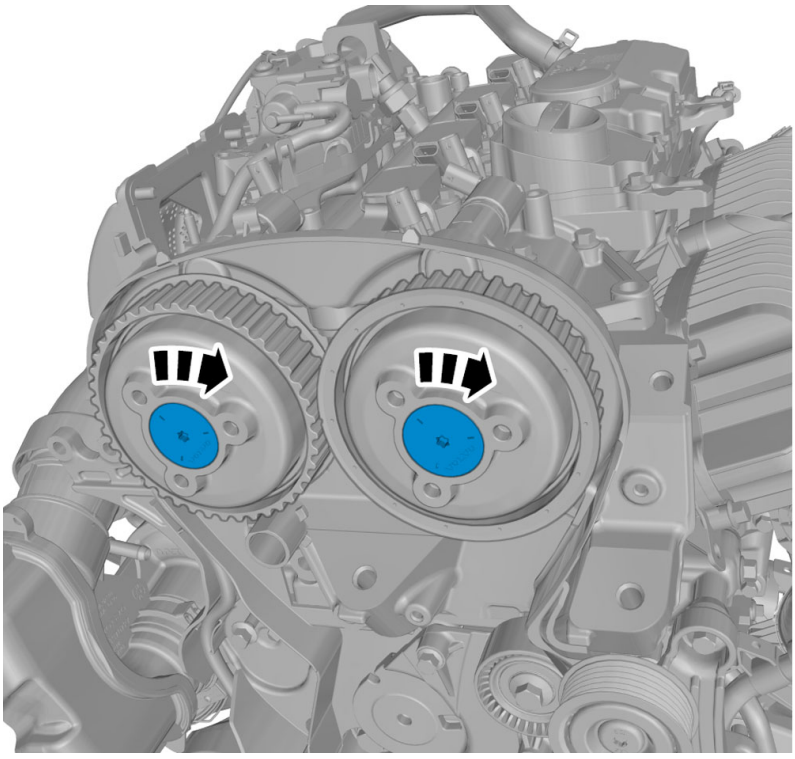


Remove the screws.

Torque:
M6 , 10 Nm

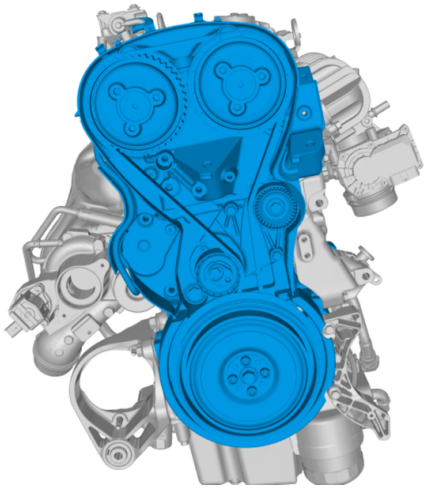


Warning! **Be prepared to collect escaping fluid.**



Torque:

Plug VVT unit , 5 Nm

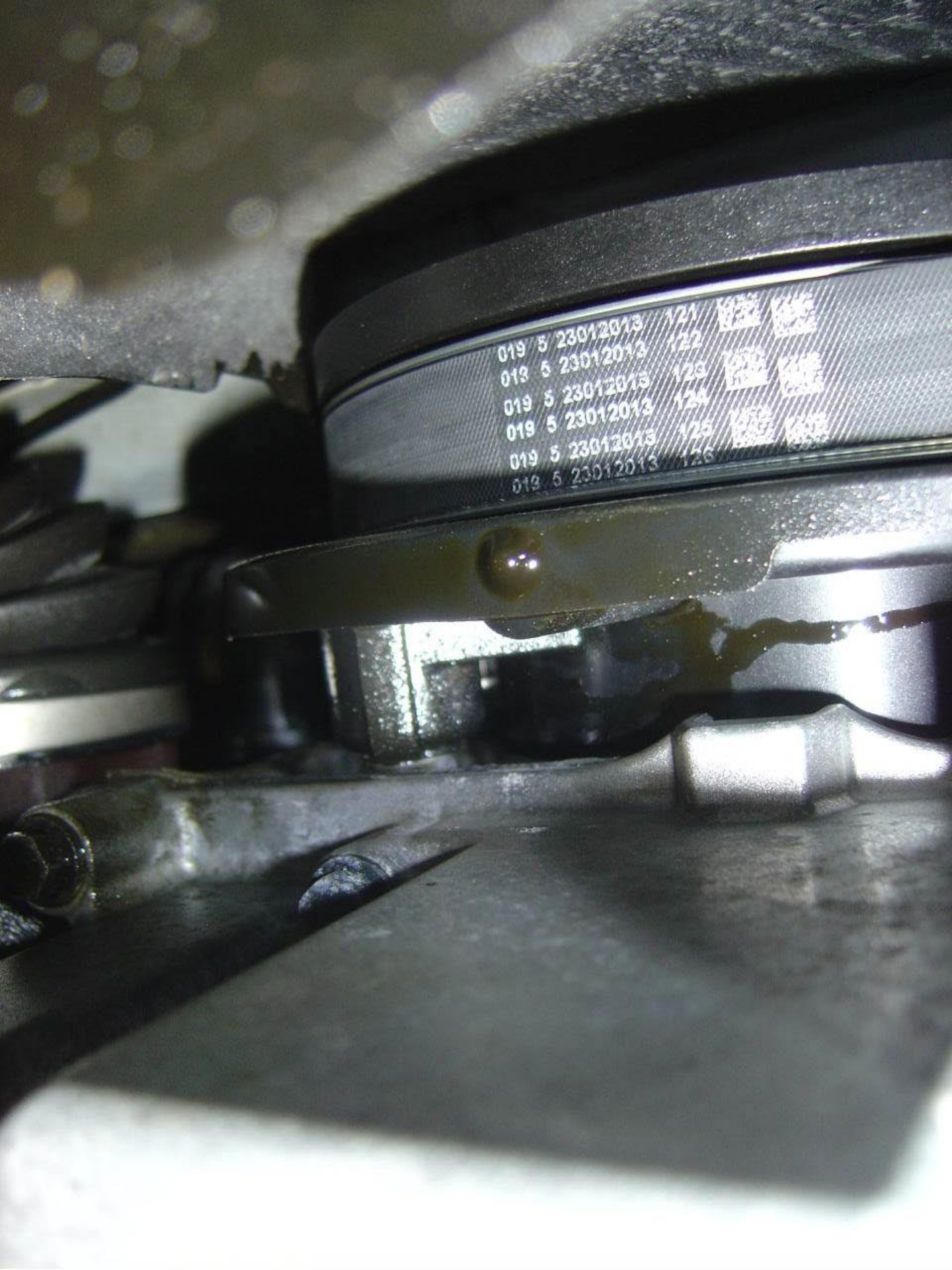


Note! Make sure that the component is clean, free of foreign material and lubricant.

Installation

To install, reverse the removal procedure.

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


019 5 23012013 V21
019 5 23012013 V22
019 5 23012013 V23
019 5 23012013 V24
019 5 23012013 V25
019 5 23012013 V26

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LIBERTY


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