
Warranty Information

92A, 970, 95B

2000.2

Timing Chain Cover Repairs

This bulletin is replacing bulletin 2000.1, dated October 19, 2020.

Model Line: Cayenne - V6T & V8 engine
Panamera - V6T & V8 engine
Macan - V6T engine

Model Year: **Cayenne, Panamera (2011 - 2017), Macan (2015-2018)**

Information: If an oil leak is identified from the timing chain cover and it has been found that any part on the timing cover has failed, then the engine must be removed and the entire timing chain cover resealed per Workshop literature WM 153319.

Documentation Requirements



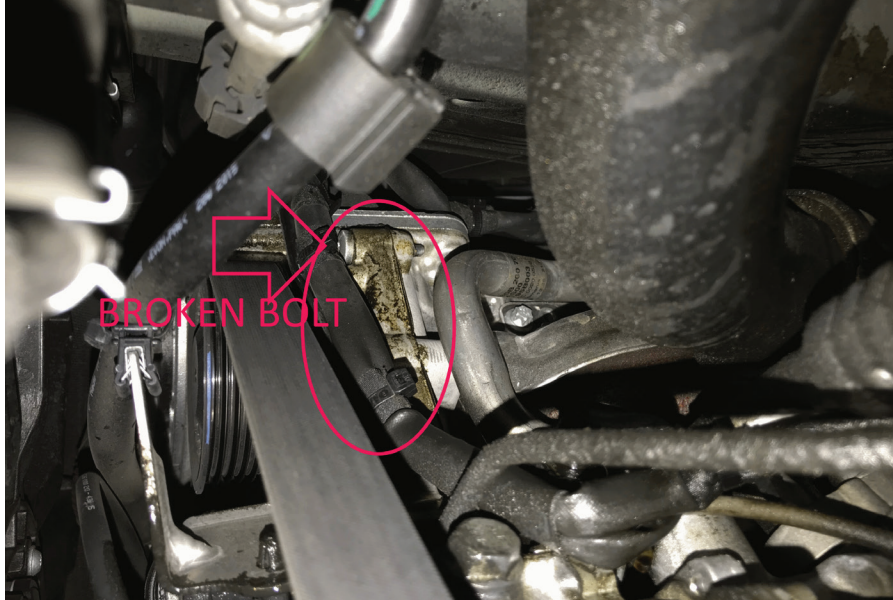
Active leak #1 Overview of the engine showing an active oil leak with oil droplets forming.

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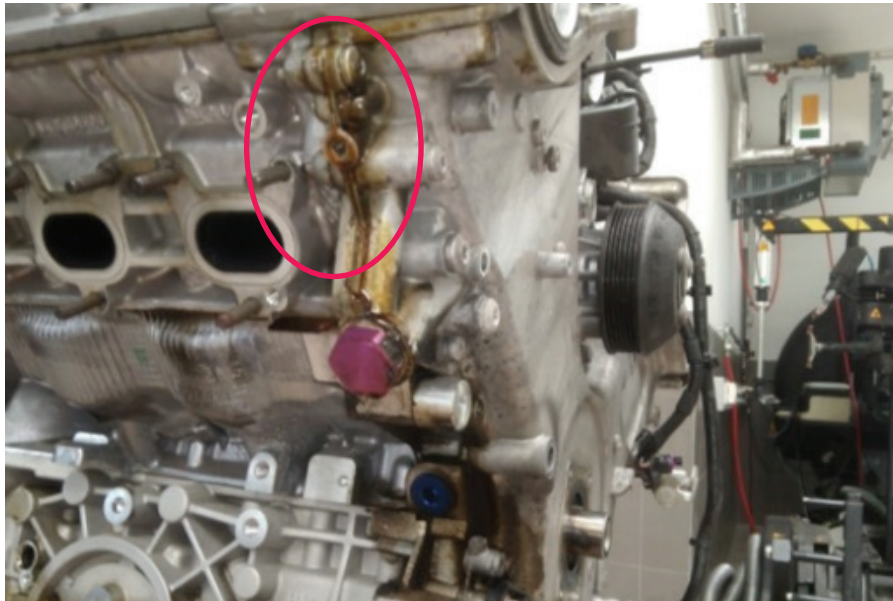
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Information
(continued):



A picture showing the location and source of the oil leak.



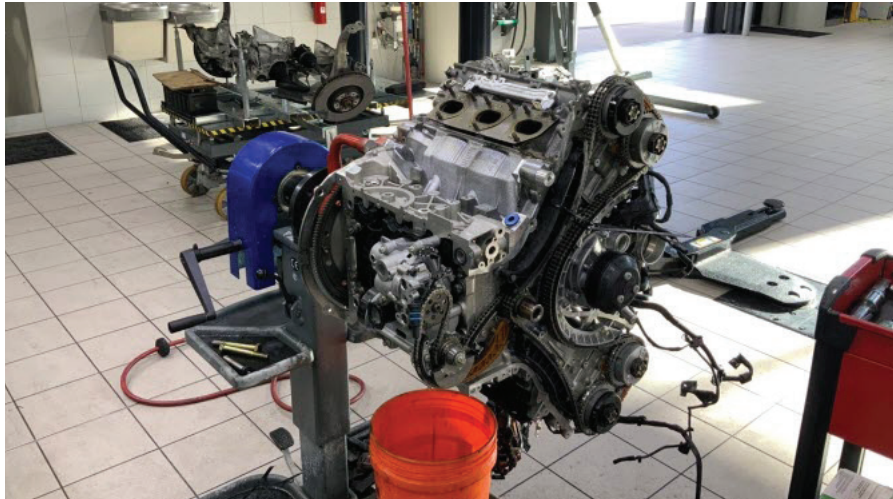
A picture of the location and source of oil leak with engine clearly removed
is required

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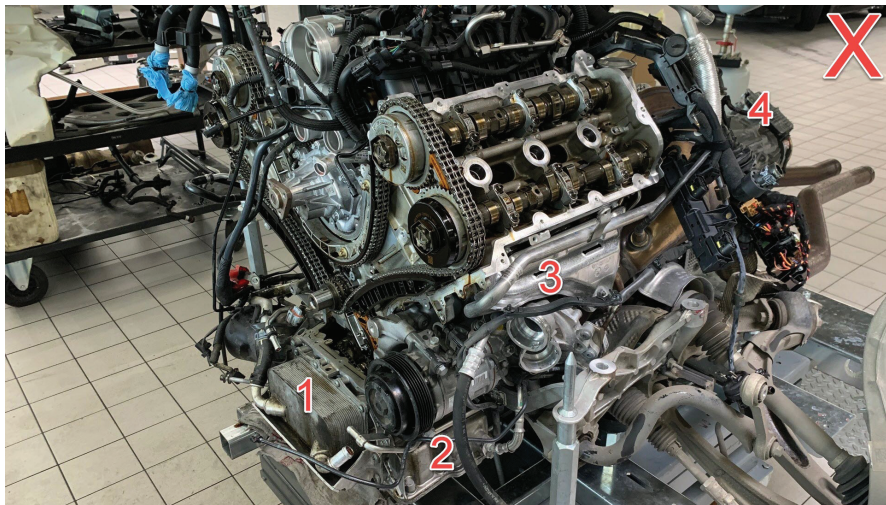
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Information
(continued):



A picture showing the engine on the stand with all necessary parts removed per the Workshop literature WM 153319 and labor operations 15331940 (for Macans) and 15331990 (for Cayennes). Parts that should be removed include the transmission, exhaust manifold, cylinder head covers, turbochargers, oil guide housing, and the oil pan.



This picture is not acceptable documentation. The picture shows the repair was performed improperly because the timing chain cover was removed without performing the work per the Workshop Manual. Among other components, the oil guide housing (1), oil pan (2), turbocharger (3), and transmission (4) were not removed and the engine was not mounted to the assembly support as described in WM 153319.

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Invoicing: For invoicing and documentation using PCSS, the cause of failure must be encoded as follows:

Location (FES5)	15330	Chain Housing Cover
Damage Type	5043	Oil Leak

Suggested Labor Operations

Macan S, GTS, Turbo:

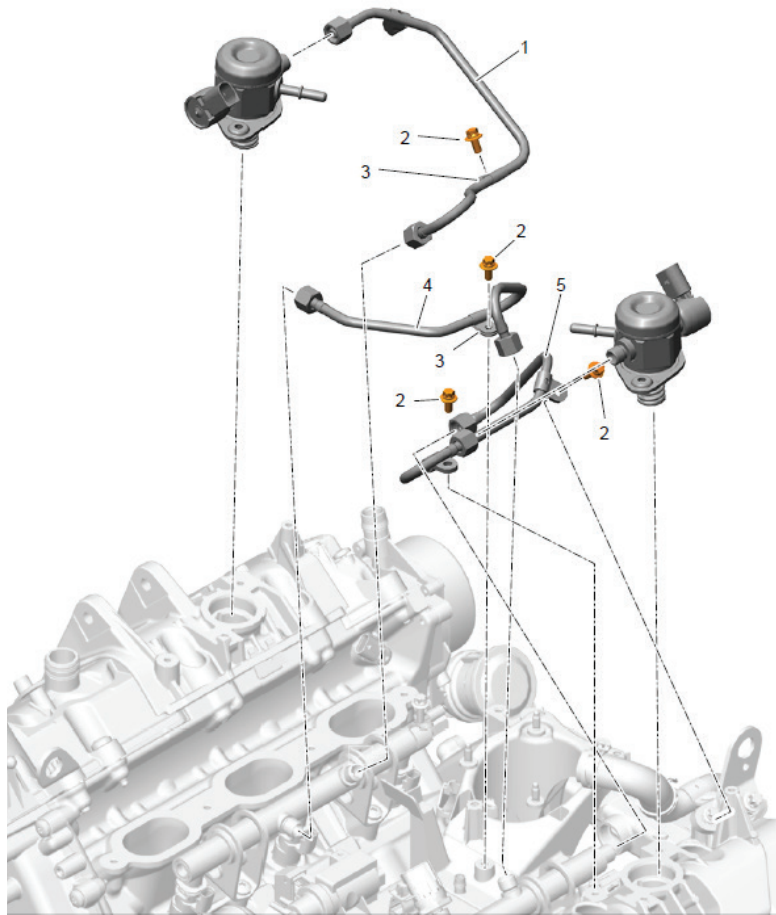
- 15331940 - R&I chain housing cover
- 15051690 - Adjust camshafts (if needed)
- 44950300 - Measure alignment (with steel springs) OR 44950303 (with air springs)
- 44951550 - Adjust alignment (with steel springs) OR 44951553 (with air springs)
- 45600550 - Adjust steering-angle sensor for PSM*
- 27851550 - Adjust measuring sensor*
- 96382550 - Adjust front camera*

Cayenne S, GTS:

- 10011940 – R&I Engine (without PDCC) **Or** 10011941 (with PDCC)
- 10012790 – Unflange Engine (without PDCC) **Or** 10012791 (with PDCC)
- 15331990 – Chain Housing Cover
- 87031750 – Refrigerant drained & filled
- 43030750 – PDCC Bled (with PDCC only)
- 15051690 – Adjust camshafts (if needed)
- 44950300 – Measure Alignment
- 44951550 - Adjust alignment (without ACC) OR 44951553 (with ACC)

*If vehicle is equipped with respective option then additional labors may apply.

Parts Note



This image shows the high pressure fuel lines that have to be removed before the cylinder head covers can be removed.

Per the workshop manual for Macan S, Macan GTS, Macan Turbo, and Cayenne S, the high pressure fuel lines must only be used once and must be replaced after removing or loosening union nuts. Please ensure that new fuel lines are installed on Macan S, Macan GTS, Macan Turbo, and Cayenne S vehicles when performing the timing chain cover reseal.

For the Cayenne GTS, the workshop manual states that the fuel lines must not be bent and, if they are, then bent fuel lines must be replaced. Please ensure that the fuel lines are inspected thoroughly before they are reused and replaced if bent.