

Oil Leak Around the Oil-Filter Housing: Observe Work Procedure (173/22)

Change Overview

Revision	Date	Change
0	10/28/2022	▪ First publication
1	02/04/2026	▪ Update to invoicing

Model Line: **Cayenne (9YA)/Cayenne Coupé (9YB)**
Macan (95B)
Panamera (971)

Model Year: **As of 2017 up to 2021**

Equipment: **V6 or V8 petrol engine**

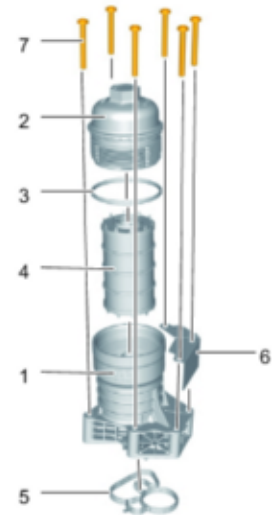
Concerns: **Oil leaks around the oil-filter housing – improved seal for the oil-filter housing available.**

Cause: **We have discovered that the leak point is not clearly identified in some cases when the complaint “Oil leak at the oil-filter housing” is received. As a result, the oil-filter housing ⇒ Oil-filter housing (shown as an example) -1- is often replaced unnecessarily although, in most cases, it is sufficient to replace the seal ⇒ Oil-filter housing (shown as an example) -5-.**

Action Required: In the event of a complaint, clean the oil-filter housing or the affected area thoroughly and first spray leak-locating spray or powder on it. For this purpose, it may be necessary to remove and then re-install individual peripheral components in order to gain better access.

Then perform a test drive and find the leak.

If a leak is found in the oil-filter housing area, replace the seal with the improved type and check the oil-filter housing for damage.



Oil-filter housing (shown as an example)

- 1** – Oil filter housing
- 2** – Oil filter cover
- 3** – O-ring
- 4** – Oil filter
- 5** – **Seal**
- 6** – Heat shield
- 7** – Screws

Date of Introduction: The improved seal has been available since April 22, 2021.

Parts Info:	Part No.	Designation – Point of use	Quantity
	PAB115441	⇒ Seal – Oil filter housing	1 pc(s)

Determine any other parts required for the respective vehicle based on the vehicle identification number in the Porsche Spare Parts Catalogue (PET2).

Work Procedure:



Information

- Oil leaks must be clearly identifiable and reproducible.
- Engine oil and coolant must have reached operating temperature during a test drive.

- 1 Create photo documentation of the complaint for PCSS and attach it to the job.
- 2 Clean the affected area around the oil-filter housing thoroughly.
- 3 Cover a large area around the suspected leakage points with a leak-locating spray or powder ("spot check").
- 4 Perform a test drive.
- 5 Check the area around the oil-filter housing for leaks and find the leak.
- 6 Create photo documentation of the leakage point found using leak-locating spray and attach it to the PCSS process.
- 7 Replace the oil-filter housing seal if necessary and check the oil-filter housing for signs of damage.
 For work procedure, see:
 ⇒ *Workshop Manual '172919 Removing and installing oil filter housing (V8 Biturbo)'*
or
 ⇒ *Workshop Manual '172919 Removing and installing oil filter housing (V6 Biturbo)'*
 If the oil-filter housing is damaged, also replace it and attach a corresponding photo documentation to the job that clearly shows the damaged oil-filter housing.

End of remedial action.

Invoicing



Information

If this repair was carried out as part of an oil service, the oil filter must not be invoiced using the warranty claim.

For documentation and invoicing in the event of a warranty, state the work items required depending on the vehicle at hand, from the scope of work required and the specified PCSS encryption in the warranty claim:

APOS	Labor operation	I No.
17291920	Removing and installing oil filter housing (Panamera V6)	
17291980	Removing and installing oil filter housing (Panamera V8)	

PCSS encryption:

Location (FES5)	17290	Oil-filter housing
Damage type (SA4)	5041	Oil/grease leak

Invoicing**Information**

If this repair was carried out as part of an oil service, the oil filter must not be invoiced using the warranty claim.

For documentation and invoicing in the event of a warranty, state the work items required depending on the vehicle at hand, from the scope of work required and the specified PCSS encryption in the warranty claim:

APOS	Labor operation	I No.
17291910	Removing and installing oil filter housing (Macan S)	
17291920	Removing and installing oil filter housing (Macan Turbo/GTS)	

PCSS encryption:

Location (FES5)	17290	Oil-filter housing
Damage type (SA4)	5041	Oil/grease leak

Invoicing**Information**

If this repair was carried out as part of an oil service, the oil filter must not be invoiced using the warranty claim.

For documentation and invoicing in the event of a warranty, state the work items required depending on the vehicle at hand, from the scope of work required and the specified PCSS encryption in the warranty claim:

APOS	Labor operation	I No.
17291960	Removing and installing oil filter housing (Cayenne)	
17291970	Removing and installing oil filter housing (Cayenne S)	
17291980	Removing and installing oil filter housing (Cayenne GTS/Turbo)	

PCSS encryption:

Location (FES5)	17290	Oil-filter housing
Damage type (SA4)	5041	Oil/grease leak

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