

Engine Leaking In Oil Guide Housing Area (10/15)

Model lines: **Cayenne Diesel (92A)**
Macan Diesel (95B)

Model Year: **As of 2012**

Concerns: **Oil guide housing**

Information: **Oil leak ("sweating", drops of oil) on engine in oil guide housing area**

We have discovered that the cause of some leaks in the specified area could not be detected and determined definitively in the dealer organisation when attempting to resolve the complaint "Oil leak"¹. As a result, some of the measures that were carried out were not always effective.

¹ Oil sweating, drops of oil

Proceed as follows in the event of a complaint:



Information

Test drive:

⇒ **Before doing any other work**, the oil leak/oil contamination area on the engine must always be cleaned and sprayed with a suitable leak-locating agent/leak detecting spray (commercially available).

Then, perform a test drive.

After the test drive, check the engine for oil leaks.

⇒ From past experience, we have discovered that the vehicle only needs to be driven a longer distance (> 620 miles/1,000 km) **if this "short test drive" is not sufficient for precise leak detection**.

Please discuss this with the customer.

Definition: **"Oil sweating"**

Oil is visible; however, the amount of oil emerging is **not** significant and/or does not form drops of oil. There is **no** oil on the underbody protection, chassis components, front-axle carrier or on the ground. So **no action is required** in this case.

"Drops of oil"

A significant amount of oil is visible; the emerging oil forms a trail with drops of oil. Oil is also visible on the underbody protection, chassis components, front-axle carrier and on the ground.

Carry out the following measures (1 to 4) in this case – as required.

Overview: The listed topic relating to oil contamination on the engine is not exhaustive.

Possible affected parts

Oil guide housing seal ⇒ Oil transferred to thread of screw "12", ⇒ *Figure 1 -marking-*
⇒ check for oil contamination.

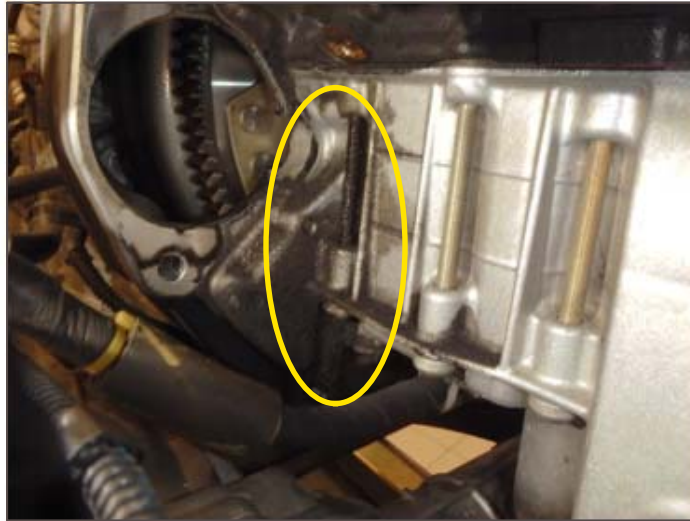


Figure 1

Action Required: **Action required for oil guide housing** (⇒ *Figure 1*)

Traces of oil/oil contamination on screw "12" in the chain case cover area:

Indicates that the **oil guide housing seal** is leaking.

If screw "12" (⇒ *Figure 1 -marking-*) on the oil pan is very dirty, but screw "11" on the other hand shows no or only slight signs of oil contamination:

⇒ Replace oil guide housing seal, see ⇒ *Workshop Manual '174619 Removing and installing oil guide housing'*.

End of action required.

References: ⇒ *Workshop Manual '174619 Removing and installing oil guide housing'*

⇒ Workshop Manual 153319 Removing and installing timing-case cover

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