

Checking Belt Tensioner In The Event Of A Complaint About "Leaks" (6/14)

Revisions: **Revision 1 — June 27, 2018**

Changes/additions:

Reference to required photographic documentation added under Information.

Model Year: **As of 2010**

Model Line: **Panamera (970)**

Cayenne (92A)

Macan (95B)

Concerns: **Belt tensioner**

Information: **Checking belt tensioner in the event of a complaint about "leaks" before carrying out any other work.**



Information

Our analyzes have shown that **traces of oil on the hydraulic belt tensioner** are only very rarely caused by a leaking belt tensioner.

Given this, it is important to check where the oil leak/oil contamination is coming from before replacing the belt tensioner:

- **Clean the belt tensioner** and spray it with a suitable **leak-locating agent/leak detecting spray (commercially available)**. Cover adjacent areas around the belt tensioner with a cloth. Spray leak detecting spray **only on the belt tensioner. Never spray leak detecting spray on the drive belt or deflection and tensioning rollers.**
- When cleaning the belt tensioner, check for **oil contamination on other components** near the drive belt. Oil that is leaking from another component, for example, can be distributed/transferred to the belt tensioner via the drive belt.
- Then perform a **test drive**.
- After the test drive, check the belt tensioner for oil leaks and **assess** any traces of oil that are visible.

**Information**

For **repair scopes**, which are **invoiced using WWS**, the repairs must always be **documented in PQIS by taking photos**:

- **before cleaning**/before carrying out any other work and
- **after cleaning/test-driving the vehicle**

and attaching them to the job.

For further information about the required documentation, see ⇒ *Technical Information '0X0000 Documentation requirements particularly for repairing visually or acoustically verifiable complaints in warranty and goodwill cases (14/16)'*.

Assessment: **"Oil sweating" around the boot bleed point (cut-out):**

- Traces of oil are visible,
- the amount of oil emerging does **not** form drops of oil and
- there is **no** oil visible on the underbody protection or on the ground.

⇒ **No action** is required in this case.

"Drops of oil":

- Oil is clearly visible,
- the oil is clearly coming from the belt tensioner,
- the amount of oil emerging forms a trail with drops of oil and
- oil is also visible on the underbody protection and on the ground.

⇒ The belt tensioner must be replaced in this case.

Noises: **Tip for analyzing noises:**

In the event of a complaint about noise, if the **noise is coming from the belt tensioner**, please **proceed as follows**:

⇒ Create a relevant **sound file** of the noise and **attach it to the PQIS job**.

References: ⇒ *Workshop Manual '137319 Removing and installing belt tensioner'*

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