

Noises After a Cold Start of the Engine Due to Camshaft Actuator (SY 49/26)

Model Line: **Panamera (YAA/YAB)**
Cayenne (9YA/9YB)

Equipment: 4.0-liter V8 bi-turbo engine **(M-no. TB5)**

Model Year: **from 2023 to 2028**

Concerns: Camshaft actuator

Symptom: **The customer complains about a brief clacking/rattling noise after the cold start of the engine.**

Cause: A brief (approx. 1–2 s) clacking or rattling noise after a cold start can be caused by the camshaft actuators as a result of the engine oil still being cold and viscous.

Remedial Action: Evaluate the complaint using the video “Noises after cold start due to camshaft actuators”.

The noises heard in it are to be **rated as normal and safe** and should support you when comparing the noises complained about and explaining the situation to the customer. **Replacing components does not resolve the problem.**

Important Notice: Technical Bulletins issued by Porsche Cars North America, Inc. are intended only for use by professional automotive technicians who have attended Porsche service training courses. They are written to inform those technicians of conditions that may occur on some Porsche vehicles, or to provide information that could assist in the proper servicing of a vehicle. Porsche special tools may be necessary in order to perform certain operations identified in these bulletins. Use of tools and procedures other than those Porsche recommends in these bulletins may be detrimental to the safe operation of your vehicle, and may endanger the people working on it. Properly trained Porsche technicians have the equipment, tools, safety instructions, and know-how to do the job properly and safely. Part numbers listed in these bulletins are for reference only. The work procedures updated electronically in the Porsche PIWIS diagnostic and testing device take precedence and, in the event of a discrepancy, the work procedures in the PIWIS Tester are the ones that must be followed.

© 2026 Porsche Cars North America, Inc.