

**Legal stuff (without guaranty):**

In case of doubt the exhaust noise emission exceeds the approved limit, measurement may be ordered or may be done by authorized people. This is usually done on the stationary vehicle per REGULATION (EU) No 540/2014 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 April 2014 on the sound level of motor vehicles and of replacement silencing systems Annex II, section 4.2:

The microphone shall be located at a distance of 0,5m from the exhaust tail pipe and at an angle of 45° to the flow axis of the pipe termination.

The engine speed shall be gradually increased from idle to the target engine speed (typically 75% of the rated engine speed) and held constant. Then the throttle control shall be rapidly released and the engine speed shall return to idle. The sound level shall be measured throughout the entire deceleration period. The maximum sound level meter reading during this period of operation shall be taken as the test value.

If the approved limit is exceeded a fine may be charged for driving with a defect/worn silencer (if in OEM configuration) and proof of rectification may be ordered.

**The ,noise emitted by stationary vehicle‘ was measured (but not certified) on a Cayenne S 4,5l with the rear silencer bypass installed at about 82dB(A). In Germany max. 84dB(A) is approved for Cayenne S 4,5l.**