

Advanced Technical Information

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Engine Replacement Not Necessary for High Oil Consumption

Binder - Advanced Technical Information

Vehicle Type: **911 Carrera (996) / 911 Carrera 4 (996)**

Model Year: **As of '02 (2)**

Concerns: **Customer complaint "high oil consumption > 1.6 qts (1.5 liter) per 625 miles (1000 km)".
 Diagnosis of problem engines with high oil consumption**

Information: The customer complaints of high oil consumption > 1.6 qts (1.5 liter) per 625 miles (1000 km) could not be confirmed during inspection of engines returned to Porsche AG, Technical Service Test Center. The oil consumption determined during various test procedures was clearly below the value given in the customer complaint.

None of the examined engines were found to have an oil consumption of > **0.53 qts (0.5 liter)** per 625 miles (1000 km).

For this reason, replacing an engine with the complaint "high oil consumption" requires the approval of the Regional Service Managers.

Work Procedure: In the event of a complaint, the engine oil level and oil consumption must be checked according to the following specifications.

Requirements

- The vehicle must be parked on a level surface.
- The engine must be switched off and at operating temperature (coolant temp.) > 176° F (80° C).
- Allow the engine oil to drain back into the oil pan

Note:

In order to obtain a correct measured result, **wait for 10 minutes** after switching off the engine before measuring the engine oil level.

Without overfilling, adjust the engine oil level to "maximum" after the measurement. To determine the exact oil consumption, the customer must return to the workshop for the second measurement after a mileage of between 625 miles (1,000 km) and 1250 miles (2,000 km). No additional oil is to be added in between the measurements.

The second measurement must be carried out according to the specifications listed above. The mileage and the determined oil level must be documented with every measurement.

Literature: Owner's Manual for 911 Carrera (996) as of model year '02:
 > Chapter "Controls, Safety, Instruments" "OIL" Display and measurement of the engine oil level
 > Chapter "Maintenance, car care" Engine oil level