

Checking idle speed and CO without catalytic converter

Model 87 onward
Engine type M 44.40/41 (3.0 l)

Note

It is no longer possible to adjust the idle speed. The throttle valve connector adjustment therefore no longer applies.

Idle/CO adjustment

Adjustment preconditions

Engine in perfect mechanical conditions. Consumers must be switched off during adjustment work. Carry out adjustment as quickly as possible to ensure that the intake paths do not heat up thus falsifying the CO value. Ambient temperature 15 - 35° C.

1. Warm engine up to operating temperature. (70 - 90°C oil temperature). Use oil temperature tester, Special Tools 9122 and 9122/2.
2. Check CO value. If the CO value is not within the prescribed tolerances, correct the setting at the air-flow sensor. Remove the sealing plug in the access bore to the CO adjusting screw.

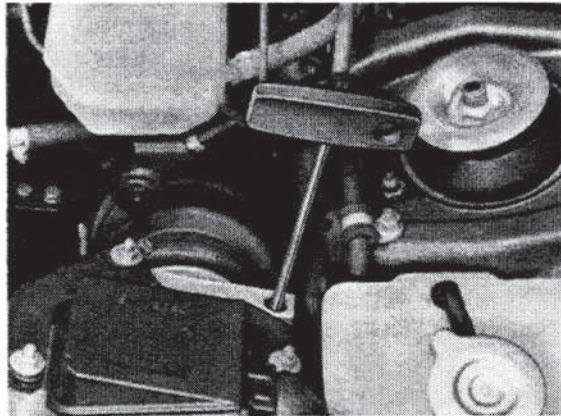
Engine type M 44.40

Standard screwdriver for 3 mm Allen screw.

Engine type M 44.41 (3.0 l)

Standard angled screwdriver for 5 mm Allen screw.

Illustration shows engine type M 44.40



86/512

CO setting: 0.5...1.5 %

Turn to the right - richer mixture

Turn to the left - leaner mixture

Checking idle speed.

1. Connect separate speedometer according to manufacturer's specifications.

Idle speed 840 ± 40 rpm