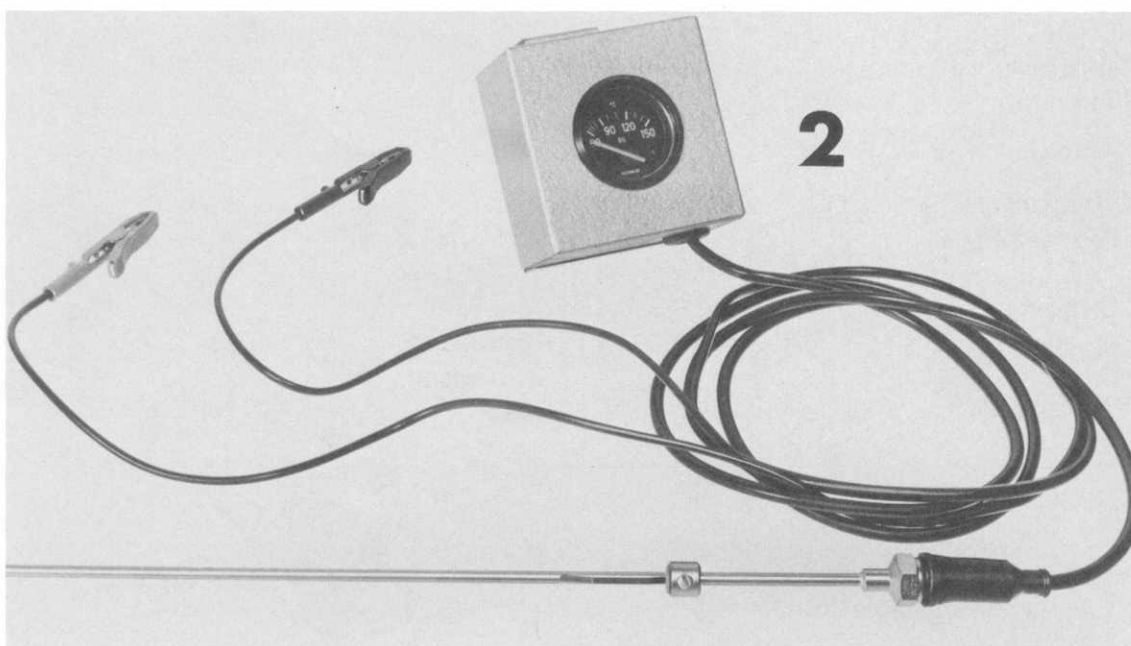
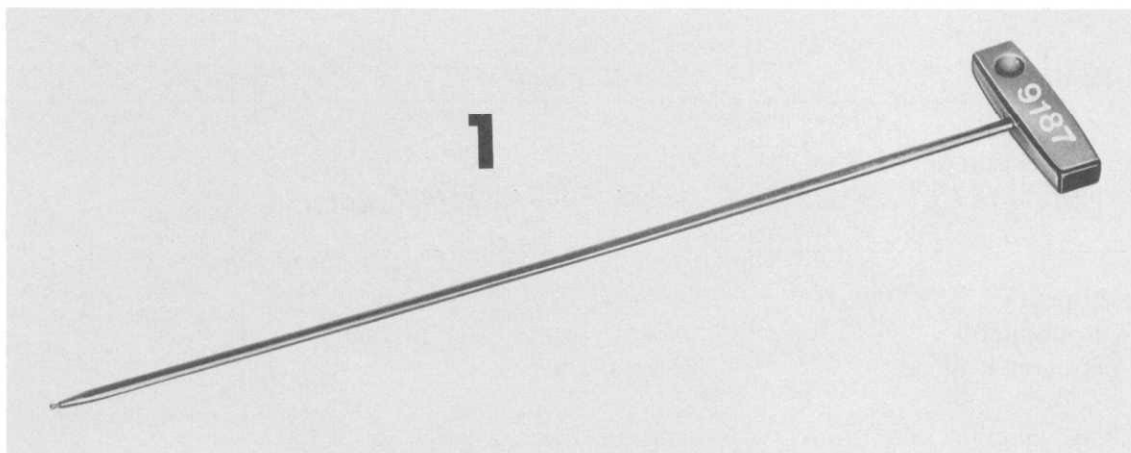


ADJUSTING IDLE SPEED AND CO — beginning with 1984 models
Engine Type M 28.21/22

TOOLS



No.	Description	Special Tool	Remarks
1	CO adjusting tool	9187	
2	Oil temperature tester	9122	

ADJUSTING IDLE SPEED AND CO

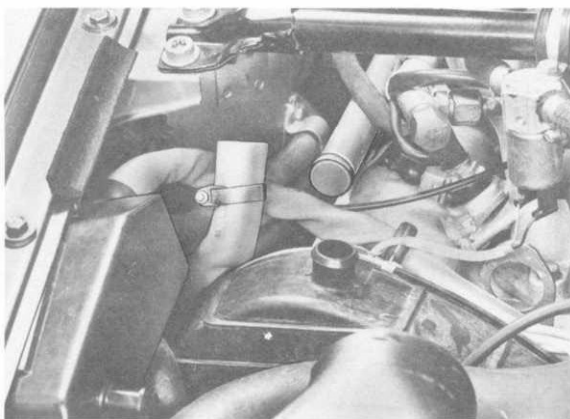
Note:

Requirement:

Engine in perfect mechanical condition.

Make adjustments as quickly as possible to avoid excessive heat in intake ports and consequently wrong CO values.

1. Take off right air intake hose.
2. Disconnect auxiliary air pump hose on air pipe and insert a suitable plug in open air pipe (e. g. rubber grommet for doors, Part No. 999.703.163.40).

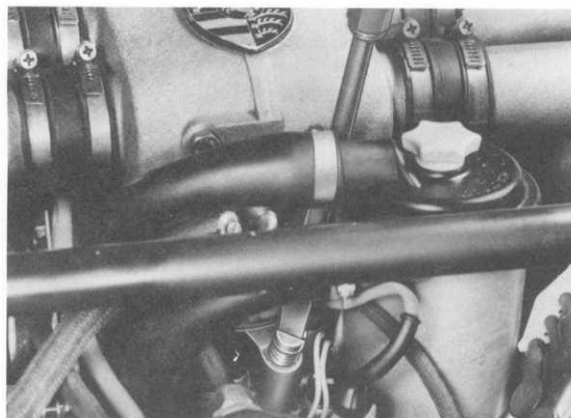


3. Install air intake hose.
4. Run engine to operating temperature (oil temperature approx. 80 to 90 °C/ 176 to 194 °F).
Use Special Tool 9122 to measure oil temperature.

Intake air temperature:
15 to 35 °C/59 to 95 °F.



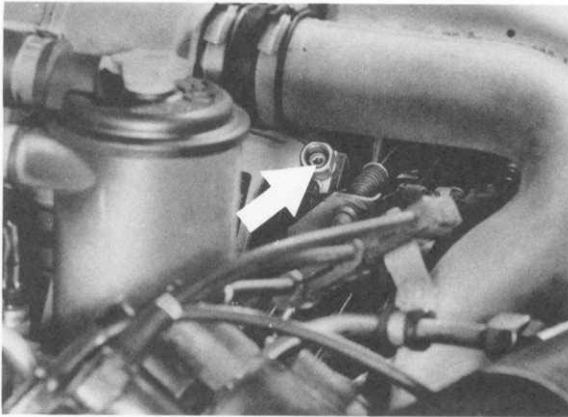
5. Connect CO tester and separate tachometer to supplier's instructions.
6. Turn control screw or bypass screw on throttle housing, until speed of 700 + 50 rpm is reached.



Note:

Use separate tachometer from tester or similar.

7. Adjust fuel/air mixture. Guide Special Tool 9187 into adjusting bore of heated wire air flow sensor and turn idle speed potentiometer accordingly.



Turning clockwise = richer mixture.
Turning counterclockwise = leaner mixture.

CO specifications:

0.5 – 1.5 % R. o. W.

0.5 – 1.0 % Australia,
Switzerland,
Sweden

8. Remove plug in air pipe and reconnect hose.
