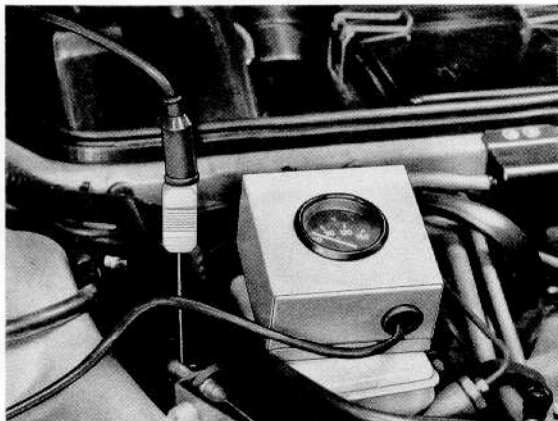


IDLE ADJUSTMENTS - USA and catalytic converter models

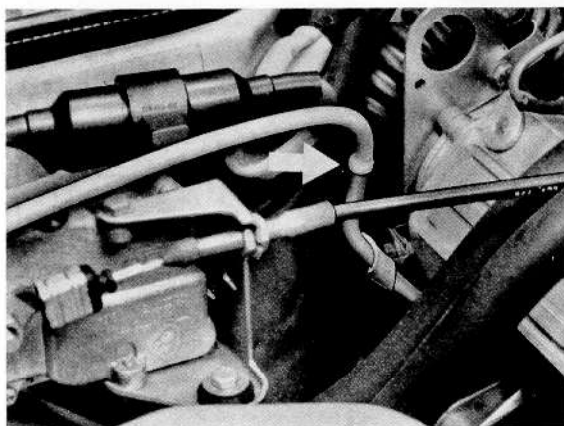
Anmerkung: PLEASE TRANSLATE THIS

Requirements for Adjustments:

Engine in perfect mechanical condition. All electrical equipment switched off for duration of adjustment. Adjustments must be made as quickly as possible to avoid excessive heat in intake ports and thereby skewed CO levels. Ambient temperature: 15 to 35°C / 59 to 95°F.

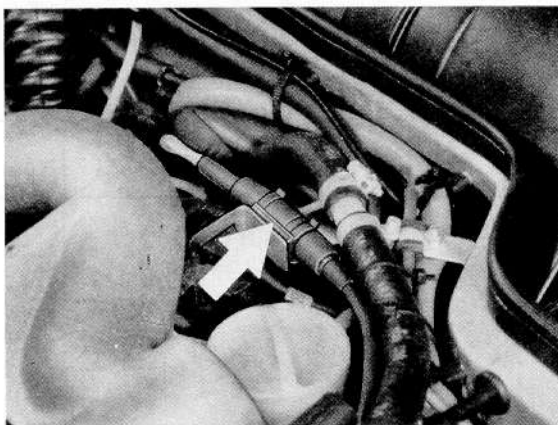


1. Push exhaust take-up hose or CO tester US 4492 onto CO collecting pipe.

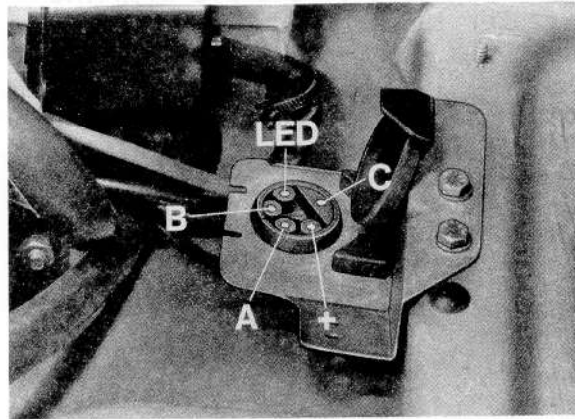
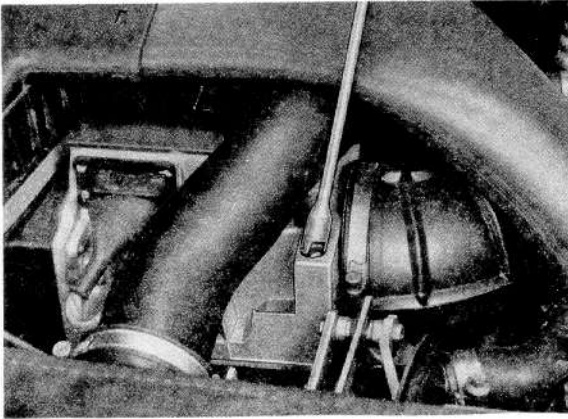


2. Run engine to operating temperature (oil temperature 70 to 90°C / 158 to 194°F). Use Special Tool 9122 and 9122/2 to monitor oil temperature.

3. Disconnect oxygen sensor plug and connect CO tester per manufacturer's instructions.



4. Check CO level. If CO level is not within specified range, correct setting on air flow sensor. Use Special Tool 9230 (articulated screwdriver).

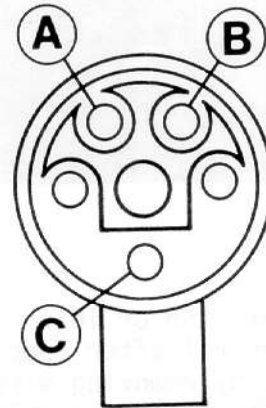


CO adjustment level: $0.6 \pm 0.2\%$
 Clockwise turn = richer mixture
 Counter-clockwise turn = leaner mixture

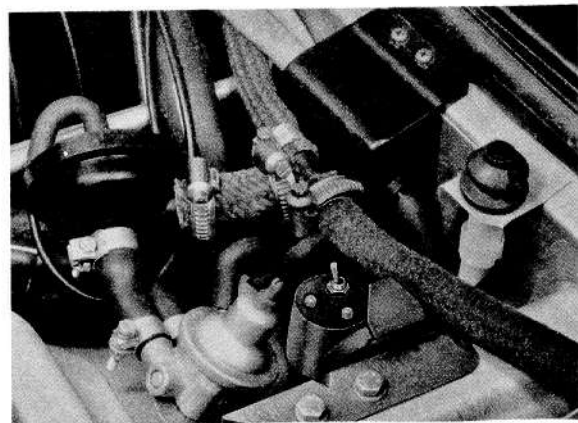
Note

If it is necessary to correct the CO level at the air flow sensor, the plug in the access bore to the idle speed CO setting screw has to be removed, which requires removing the air flow sensor.

5. Connect oxygen sensor plug and close CO sampling tube in engine compartment after finishing adjustments.
6. Connect a separate tachometer per instructions supplied with unit. Idle speed adjustment level: 840 ± 40 rpm.
7. Check and, if necessary, adjust engine idle speed. This requires stopping the operation of the idle speed charging control.
 - a. Jump round female plugs B and C on diagnosis socket with wire lead. This stops operation of the idle charging control.

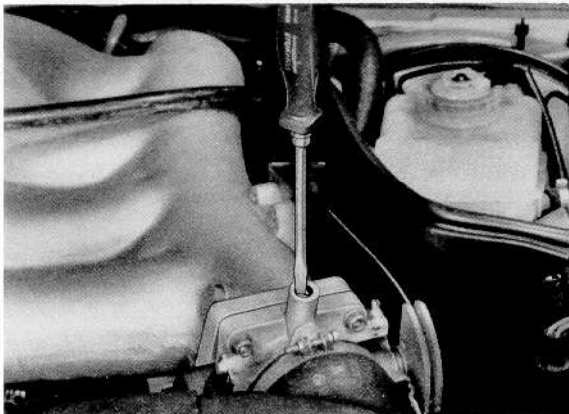


- b. Instead of a wire lead, Special Tool 9246 (test relay) can also be used. Idle charging control has been put out of operation when the green test lamp lights up.



c. Check and, if necessary, adjust idle speed (for example with VAG tester 1367).

8. Turn control screw (bypass) on throttle housing until specified speed of 840 ± 40 rpm is reached.



9. Restore operation of idle charging control after completing adjustments by removing wire lead or test relay from diagnosis socket.

10. Recheck settings.