

## 07.2–107 Checking, correcting basic adjustment of fuel adjusting screw (national version only)

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### Testing and adjusting values

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Max. CO value by means of fuel adjusting screw	3.5 %
Engine speed: adjusted by means of throttle valve adjusting screw	1000/min

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### Special tool

Oil telethermometer



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### Conventional tools

Revolution counter, CO measuring instrument

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### Note

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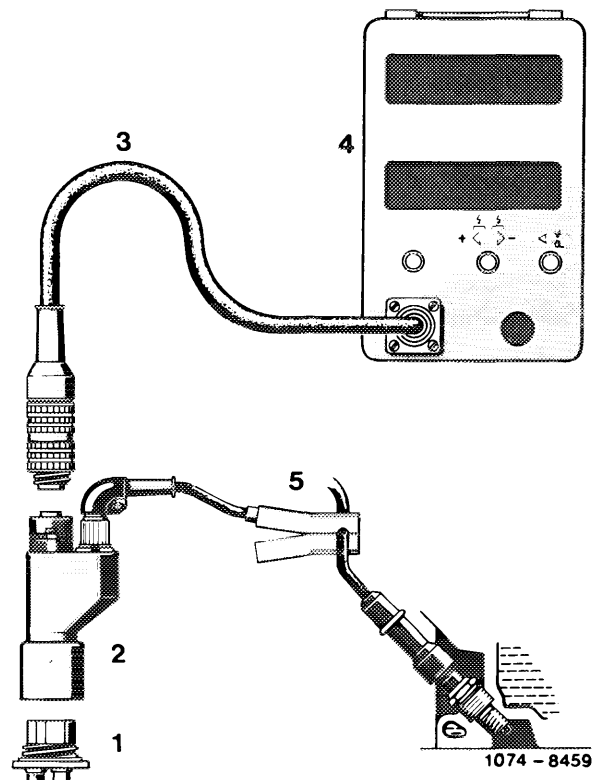
Perform idle speed basic adjustment only if idle speed adjusting values are not attained. Make air injection inoperative for setting to basic adjustment.

### Adjusting

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1 Connect testers:

- Digital tester or revolution counter
- CO measuring instrument
- Oil telethermometer

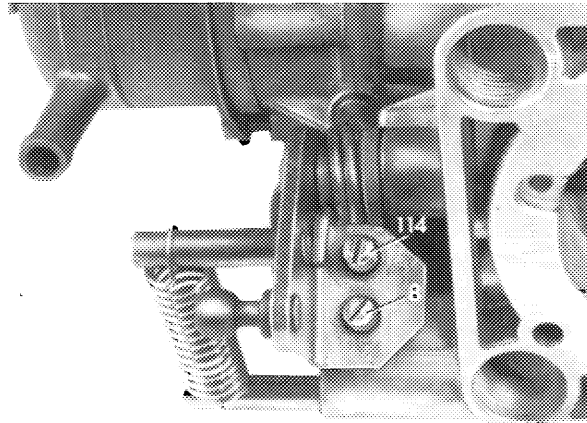


2 Switch off air conditioning, move selector lever into position "P".

3 Run engine oil temperature to 75–85 °C.

4 Make air injection inoperative (refer to 07.2–100).

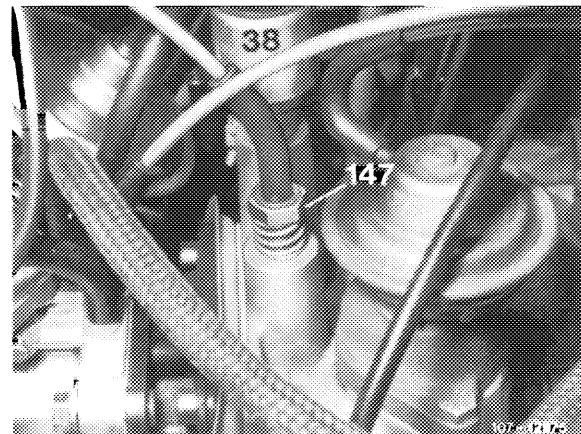
5 Remove plastic cap from throttle valve adjusting screw (8).



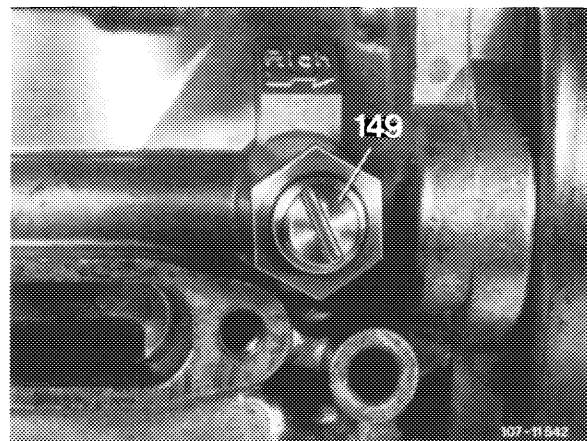
6 Unscrew bypass mixture adjusting screw (147) until max. engine speed is attained.

7 Adjust throttle valve adjusting screw (8) until 1000/min are attained. Push plastic cap on adjusting screw.

8 Set idle speed by means of bypass mixture adjusting screw (147) to 800–900/min.

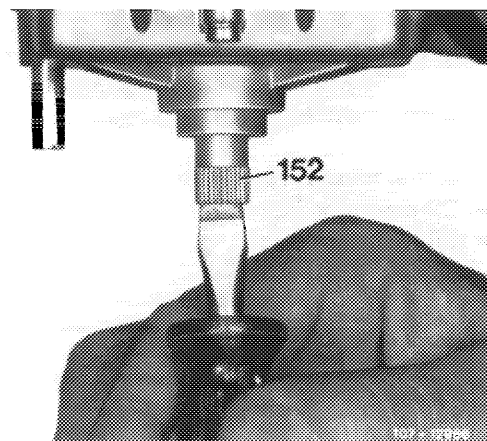


9 Screw in recirculating air adjusting screw (149) up to stop.



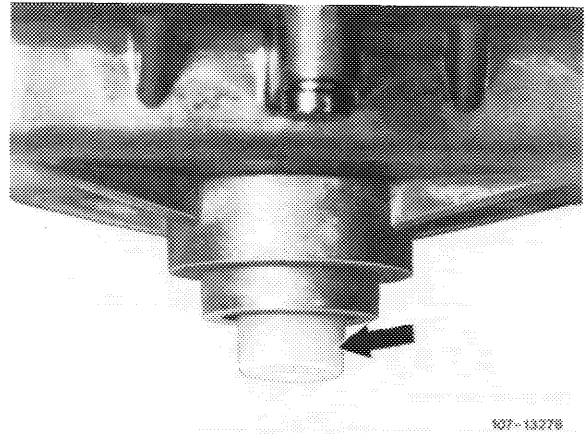
#### Version with altitude adjusting hand wheel

10 Remove hand wheel for altitude adjustment. Adjust fuel adjusting screw (152) until "3.5 % CO" are attained. Set hand wheel according to respective altitude to position NORMAL or 4000 ft.

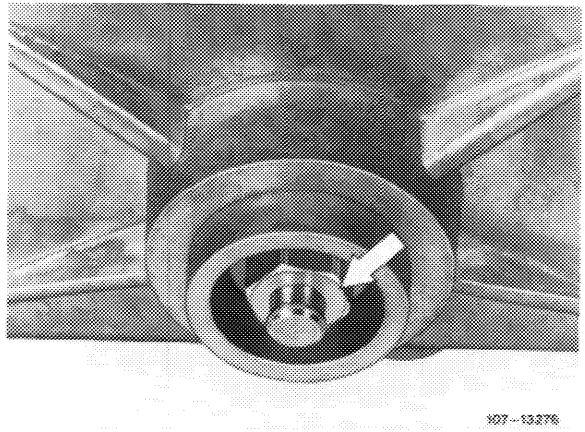


**Version without altitude adjusting hand wheel**

11 Remove safety cap (arrow).



12 Adjust fuel adjusting screw (arrow) until "3.5 % CO" are attained. Then mount new safety cap.



13 Adjust to specified idle speed CO value by means of adjusting screw (149).

14 Make air injection again operative.

