

## 01–010 Checking compression pressure

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Test values with engine at operating temperature		Gauge pressure in bar
Minimum compression pressure <sup>1)</sup> at	Normal compression	approx. 8.5
	Low compression	approx. 7.5
Permissible difference between individual cylinders		max. 1.5

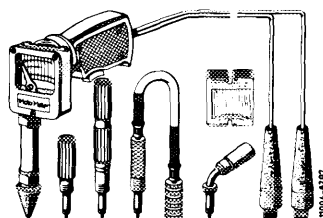
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<sup>1)</sup> Check cylinders for leaks if compression pressure is below minimum.

### Special tool

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Compression pressure recorder  
with accessories and contact handle



001 589 46 21 00

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### Note

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Check compression pressure at operating temperature.

Check cylinders for leaks if compression pressure is below specified minimum (00–015).

For checking, unscrew all spark plugs.

### Rotating of engines

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Rotate engines with starter motor. For this purpose, connect respective terminals.

#### Engines with electronic injection system

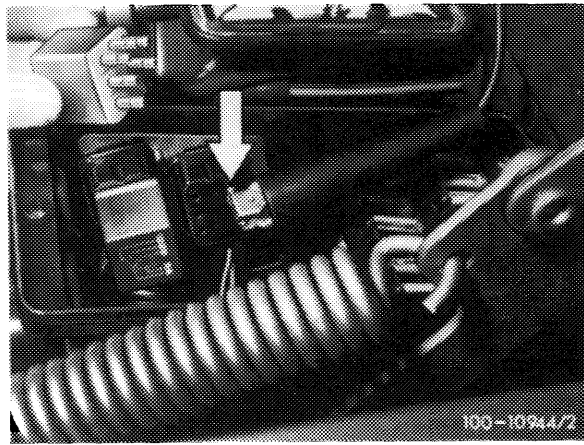
Connect contact handle to battery + and to starter terminal 50.

Disconnect cable 1 on ignition coil.

## Engines with continuous injection system (CIS)

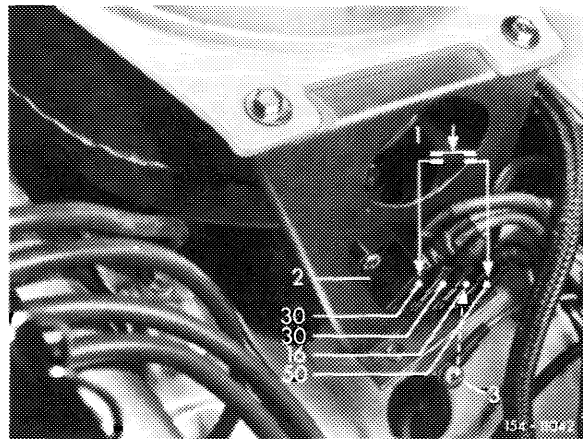
### Model 116

Pull out fuel pump relay code No. 21 in fuse box. Connect contact handle to battery + and with the assistance of a pin to contact bushing 1 of coupling (arrow).



### Model 107

Disconnect cable terminal 16 (cable color red/violet) on 4-point cable connector. Connect contact handle to terminal 30 (cable color red) and terminal 50 (cable color violet).



## Testing

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- 1 Unscrew all spark plugs.
- 2 Rotate engine several times to throw out residue and soot (selector lever in position "N" or "P").
- 3 Push compression pressure recorder into spark plug bore of respective cylinder.
- 4 For testing, rotate engine for approx. 8 turns with throttle valve open.

Check all cylinders likewise. First move respective data sheet in compression pressure recorder into new working position.

