

01—010 Checking compression pressure

Test values with engine at operating temperature		Positive pressure in bar
Minimum compression pressure ¹⁾ at	Normal compression	approx. 8.5
	Low compression	approx. 7.5
Permissible difference between the individual cylinders		max. 1.5

¹⁾ Check cylinders for leaks if compression pressure is below minimum.

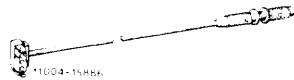
Special tools

Compression pressure recorder with accessories



001 589 76 21 00

Adapter line for compression pressure recorder



124 589 36 63 00

Note

Check compression pressure at operating temperature.

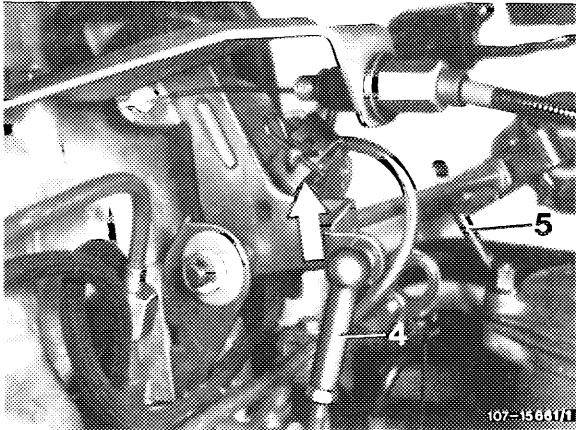
Check cylinders for leaks if compression pressure is below minimum (01—015).

For checking, unscrew all spark plugs.

Disconnect plug connection (X27) from cable harness and connect adapter line (01) with single-pole coupling to plug connection (terminal 50) of the cable harness.

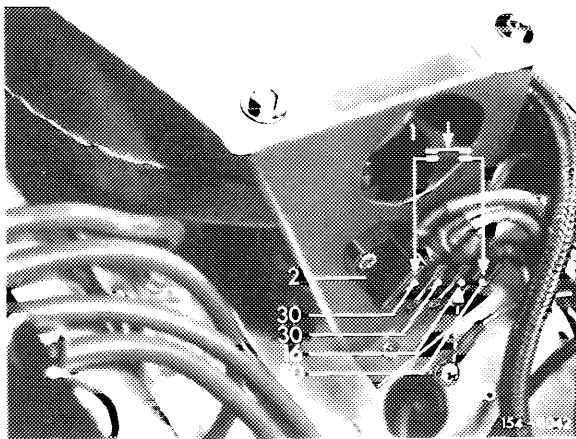
Rotate the engines with the starter motor. To do so, connect the terminals specified in each case.

On vehicles with screw-type cable connectors, use the crocodile clip with the single-pole plug instead of the adapter line.



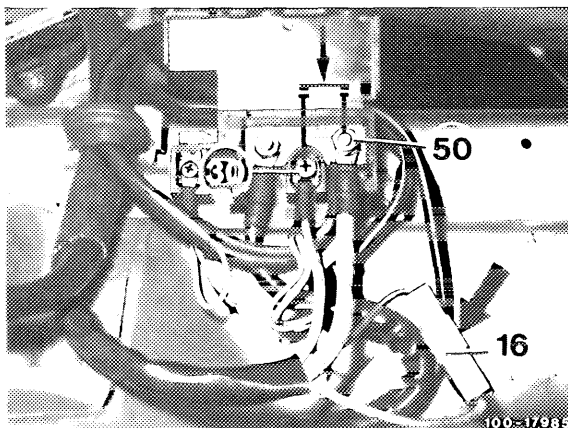
Model 107

On the 4-pole cable connector, disconnect cable (color red/violet) at terminal 16 and switch off ignition, so that the ignition coil and the fuel pump are not activated. Connect terminal 30 (cable color red) and terminal 50 (cable color violet).

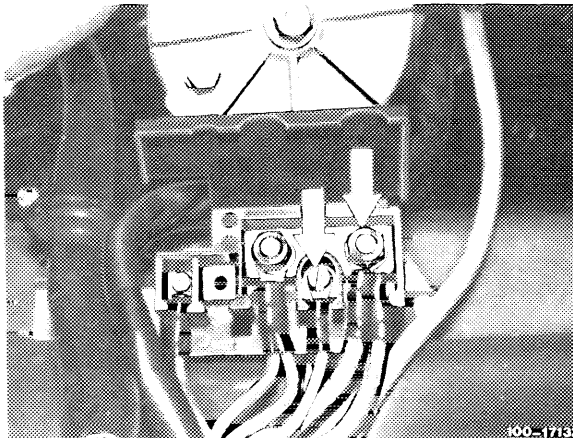


Model 126

Separate plug (terminal 16, arrow), switch off ignition so that ignition coil and fuel pump are not activated.



Connect the terminals shown with arrows.



Checking

- 1 Unscrew all spark plugs.
- 2 Rotate engine several times to expel residue and soot. (Selector lever: position N or P).
- 3 Press compression pressure recorder into the spark plug hole of the cylinder concerned.
- 4 For checking, rotate crankshaft approx. 8 times at full throttle.

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

