

07.5–505 Renewing breaker points

Closing angle (dwell angle) (transistorized ignition system)

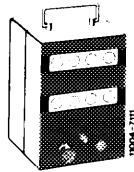
Identification: blue ignition coil, two series resistances and transistorized switchgear.

Engine	Closing angle (dwell angle) testing and adjusting value at idle ¹⁾	Change between idle and 3000/min
116, 117	30–34°	max ± 3°

¹⁾ When installing new or adjusting used breaker points, adjust closing angle (dwell angle) according to boldfaced value ± 1°.

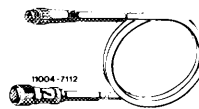
Special tools

Digital tester



001 589 54 21 00

Connecting cable



000 589 04 90 00

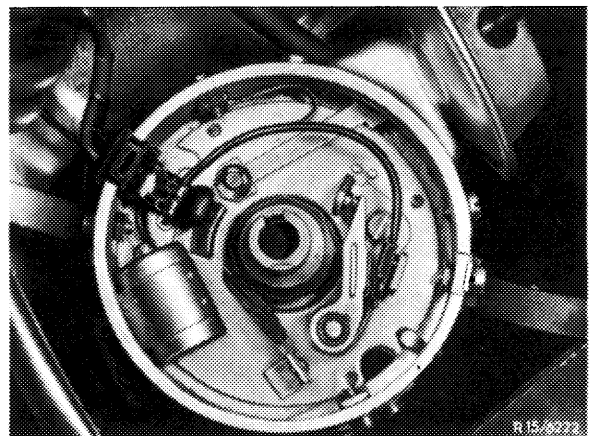
Conventional tool

Closing angle (dwell angle) measuring instrument

Installation

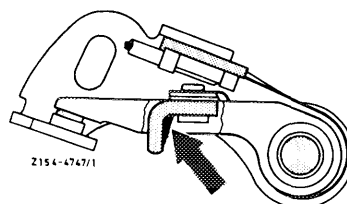
When renewing breaker points, proceed as follows:

- 1 Wipe points prior to installation with a lint-free cloth to remove moisture or grease.



2 Coat slide piece of breaker point, its bearing and the cams of the distributor shaft with some Bosch special grease Ft 1 v 4.

3 When closed, points should be in parallel and at similar level in relation to each other.



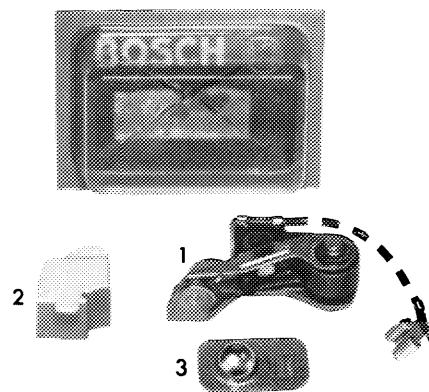
Arrow: spot to be greased

4 Adjust closing angle (dwell angle) to specified value.

Mount protective breaker point cap. Cap will protect point against grease, oil or dirt.

To guarantee that the slide piece is greased and the protective cap is mounted when the breaker points are installed, breaker points are supplied from now on together with a grease capsule and a protective cap.

- 1 Breaker point
- 2 Protective cap
- 3 Grease capsule



115-10764

5 Check firing point and adjust (07.5–500).