

07.5–505 Renewing contact breakers (breaker points)

Closing angle (dwell angle)

Normal coil ignition

Closing angle (dwell angle)
Testing and adjusting value at idle¹⁾

Change between idle and 3000/min

39–42°

max. $\pm 3^\circ$

¹⁾ When installing new breaker points, adjust closing angle (dwell angle) to $42 \pm 1^\circ$.

Transistorized ignition system

Identification: blue ignition coil, two pre-resistors and transistorized switchgear.

Closing angle (dwell angle)
Testing and adjusting value at idle²⁾

Change between idle and 3000/min

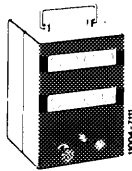
34–40°

max. $\pm 3^\circ$

²⁾ When installing new and when adjusting used breaker points, adjust dwell angle to $34 \pm 1^\circ$.

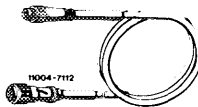
Special tools

Digital tester



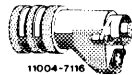
001 589 54 21 00

Connecting cable



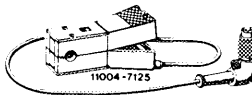
000 589 04 90 00

Intermediate plug (adaptor)



000 589 72 63 00

Trigger



000 589 71 63 00

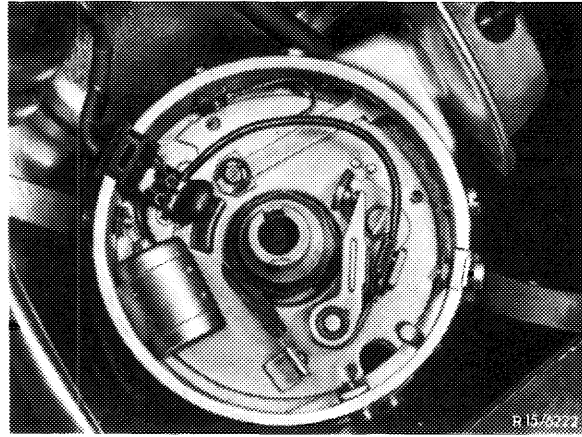
Conventional tools

Closing angle (dwell angle) measuring instrument

Installation

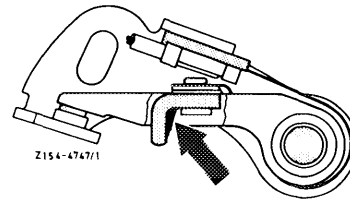
When renewing contacts, proceed as follows:

1 Wipe contacts prior to installation with a lintfree cloth to remove moisture or grease.



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

3 When closed, contact breakers must be in parallel and at similar level in relation to each other.

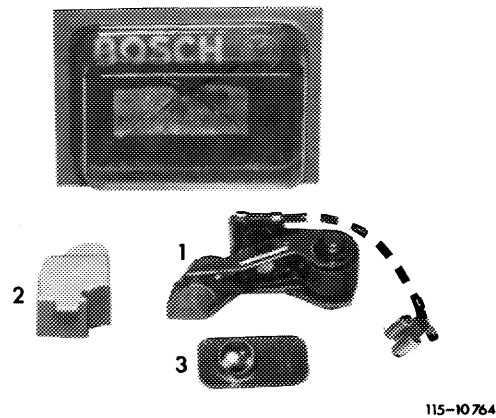


Arrow: spot to be greased

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

Mount protective breaker cap. Cap protects contact against grease, oil or dirt particles.

To make sure that during installation of breaker points the slide piece is greased and the protective cap is mounted, the breaker points are supplied with grease capsule and protective cap from now on.



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