

Testing and Adjusting Values

Refer to Job No 515 of **pertinent** unit version.

Special Tool

Timing angle measuring instrument, revolution counter, stroboscope

Inspection and Adjustment of Timing Angle

- 1 Measure timing angle at idling speed.
- 2 Measure timing angle change between idling speed and 3,000 rpm, max. change 3°.
- 3 Adjust timing angle, if required or replace contact breaker points, if required. (07.5.0–512).

Note: On the transistor ignition system the timing angle can be adjusted when points are worn down.

On a normal coil ignition system, the timing angle cannot be adjusted when contacts are worn down.

Large timing angle – small contact gap.
Small timing angle – large contact gap.

Inspection and Adjustment of Firing Point

- 4 Measure firing point with stroboscope at specified speed.
- 5 Loosen ignition distributor attachment, if required and set adjusting value of firing point by turning ignition distributor.

Screw ignition distributor down and check firing point.

- 6 Check centrifugal force and vacuum adjustment of ignition distributor by running through the specified test values with or without vacuum adjustment.