

## Installation of Spark Plugs

Spark plugs should only be slackened and tightened by means of the Articulated Spark Plug Wrench 0005810067. Great care is necessary when this wrench is used to screw in the spark plugs, as a certain amount of experience is necessary to insert the spark plug correctly. In order to avoid damage to the plugs and to the thread in the cylinder head, Spark Plug Holder 198 580 00 65 should be used for screwing in the spark plugs (Fig. 01-3/4b).

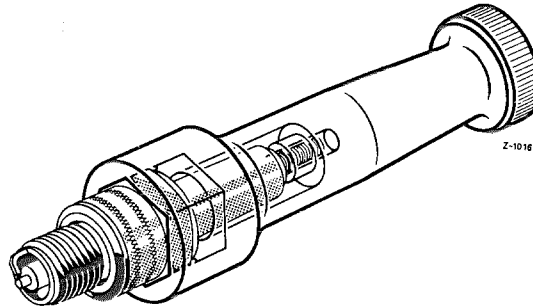


Fig. 01-3/4b

The Rubber Socket 000 581 00 86 pressed into the Articulated Spark Plug Wrench and the Socket 000 581 00 56 screwed into the Spark Plug Holder are replaceable.

## D. Measurement and Adjustment of Distributor Contact Gaps and Angles of Closure

Measurement and adjustment on Models 180 a, 180 b, 190 SL, 220 a, 219, 220 S, and 220 SE are carried out in the same way as on Model 190. **We should like to point out again that whenever the angle of closure has been corrected, it is absolutely necessary to check whether the contact gap is still satisfactory.**

**When the contact gaps have been adjusted, it is always necessary to check and if necessary to readjust the ignition setting.**

### Distributor Contact Gaps and Angles of Closure

Model	180 a, 180 b, 190, 190 b, 190 SL	220 a, 219, 220 S, 220 SE
Distributor contact gap (mm)	0.4—0.5	0.3—0.4
Angle of closure *)	$50^{\circ} \pm 2^{\circ}$	$36^{\circ} \pm 2^{\circ}$

\*) When measuring the angle of closure please note that at higher engine speeds it may be lower by a maximum of  $3^{\circ}$ .

## E. Ignition Setting

For the ignition setting in Models 180 a, 180 b, 190 SL, 220 a, 219, 220 S, and 220 SE see the details given in the Model 190 Workshop Manual.

Ignition adjustment should always be made by means of a flash stroboscope, and a timing light should only be used in exceptional circumstances.

The adjustment data are listed in the Table overleaf.