

# Ignition System

Job No.

15-20

The ignition system on Models 180 to 220 SE is essentially the same as on Model 190.

As from Chassis End No. 85 01864 of Model 190 SL the ignition starter switch on the instrument panel has been replaced by an ignition switch on the steering column bracket.

On Models 220 a, 219, 220 S, and 220 SE the firing order is 1 - 5 - 3 - 6 - 2 - 4.

## Suppressors for Distant Interference Suppression

On Models 180 to 220 SE the following suppressors are required for distant interference suppression of the ignition system:

1. One suppressed distributor plug with a resistance of 5 K-Ohms.
2. Four or six spark plug suppressor caps with a resistance of 1 K-Ohm.

For designation and Part Nos. of the suppressors see Job No. 82-21 (interference suppressors for radio).

## Removal and Installation of Ignition Switch

Job No.

15-21

### I. Models 180, 180 a, 180 b, 190 SL, 220 a, 219, 220 S, and 220 SE

On these models the removal and installation procedures for the ignition switch are the same as on Model 190.

### II. Model 190 SL with Ignition Starter Switch

#### Removal:

1. Disconnect the ground cable at the negative terminal of the battery.
2. Use a hook wrench to unscrew the escutcheon of the ignition starter switch and remove it; while doing this hold the ignition starter switch steady with one hand from behind the instrument panel.
3. Pull the ignition starter switch from the instrument panel toward the rear.
4. Disconnect the electric leads.

#### Installation:

Installation is the reverse of the removal procedure.

When connecting the electric leads pay attention to the color coding.

Connect the red cable to terminal 30, the black cable to terminal 15, the black/red cable to terminal 50.

**Note:** Terminal 54 remains free because it is needed for the installation of a radio set.