

# Generator and Regulator (Three-Element Voltage/Current Regulator)

Job No.

15-10

## I. Models 180, 180 a, 180 b, 180 D, 180 Db, 190 D, 190 Db, 190 SL, 220 a, 219, 220 S

Both the function and the basic design of the various Bosch generators are the same as those of the type incorporated in Model 190. For the various Bosch generator types installed see Table below.

Type LJ/GE	160/6 -2500 R	7 installed in Model 180
Type LJ/GEG	160/12-2500 R	10 installed in Models 180 D, 180 Db
Type LJ/GEG	160/12-2500 R	8 installed in Models 180 a, 180 b, and 190 SL
Type LJ/GEG	160/12-2500 R	9 installed in Models 190 D, 190 Db, 220 a, 219, and 220 S

## II. Model 220 SE

The generator

Type LJ/GG 240/12-2400 R 8

has a rated output of 240 watts. The maximum output which the generator is capable of delivering continuously without suffering any damage is 50% above the rated output, that is to say, a continuous output of 360 watts is permissible.

The regulator, a three-element voltage/current regulator Type RS/UA 240/12/38, has a current regulator of the two-contact type. The regulator too, is fixed to the right wheel arch panel. This provides extra safety against overloading the regulator and the generator when the car is constantly driven at maximum engine speed.