

Removal and Installation of Regulator Switch (Three-Element Voltage/Current Regulator)

Job No.

15—14

Removal:

1. Disconnect the ground cable at the negative terminal of the battery.
2. Disconnect the electric cables from the regulator which is on the right wheel-arch below the air canal and unscrew the regulator from the bracket.

Note: If any malfunction or defect is noticeable in the regulator it must always be replaced; no repairs to the regulator must be undertaken. Particular care must be taken to ensure that the regulator does not suffer any violent shocks.

Installation:

3. Installation is the reverse of the removal procedure.

When connecting the electric cables, pay attention to the color coding.

From the wiring harness from the generator to the regulator, connect:

the brown cable (Lead No. 3) to the terminal D—,

the black cable (Lead No. 1) to the terminal DF,

the red cable (Lead No. 2) to the terminal D + (61)

(see Job No. 54 — 4, Section A, Circuit Diagram of Wiring Harness from the Generator to the Regulator).

From the main wiring harness, connect:

the blue cable (Lead No. 72) to the terminal D + (61),

the red cable (Lead No. 54) to the terminal B + (51)

(see Job No. 54 — 1, Section A, Circuit Diagram of Main Wiring Harness, Cable Sheaf 36).

Note: Be sure to connect cables to correct terminals. Incorrect connection of the terminals involves the danger of pole-reversal of the generator and could result in the destruction of the regulator.

Removal and Installation of Charging Light

Job No.

15—15

Removal:

1. Slacken the round nut on the contact cap at the steering column bracket behind the fixing plate and pull the contact cap over the electric cables (see Job No. 15—21, Fig. 15—21/2).

2. Take out the charging light (tubular bulb), pressing one of the two spring contacts slightly to one side.

Installation:

3. Installation is the reverse of the removal procedure.