

VOLTAGE STABILIZER (Fig. 40)

A voltage stabilizer is fitted to the electrical system to stabilize the voltage which operates the fuel gauge (and water temperature gauge if fitted), since constant voltage is necessary to ensure correct instrument readings.

The unit operates on the same principle as the fuel and water temperature gauges, which is the thermal principle using a bi-metal strip surrounded by a heater winding. The unit is of integral construction and should be renewed if it becomes faulty as it cannot be repaired.

Fitting precautions

1. Ensure that the cables from the instruments are connected to their proper terminals on the stabilizer.
2. Ensure that the stabilizer is mounted with its securing lug set vertically and its fixing hole downwards.
3. Ensure that the stabilizer is effectively earthed through its mounting lug.

Failure to observe the precautions will result in inaccurate instrument readings.

To remove and refit

The voltage stabilizer is located on the back of the speedometer case adjacent to the speedometer drive cable.

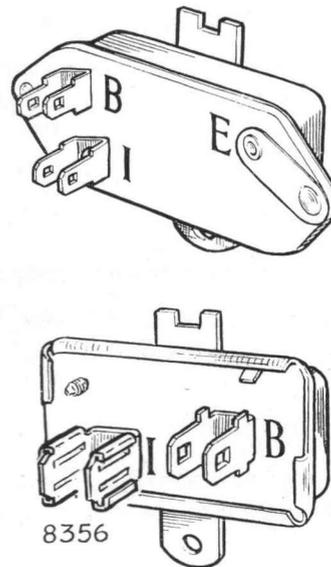


Fig. 40. Two types of instrument voltage stabilizer in service

1. Carry out the operations 1 to 4 under "Instrument Binnacle—To remove and refit".
2. Make a note of the cable positions on the stabilizer and disconnect the cables.
3. Undo the stabilizer fixing screw and withdraw the stabilizer.

Refitting is the reverse of the removal procedure with particular attention to the fitting precautions.

STILETTO

INSTRUMENT PANEL (Fig. 41)

The instrument panel on this model is of pressed steel with a black vinyl covering and is secured to the fascia by five countersunk screws. The instruments on the panel are separately mounted and flanked by control levers for operating the headlamps and direction indicators.

To remove

1. Disconnect the battery earth cable.
2. Lower the steering column slightly at the top end by removing the U-bolt and clamp securing the column to the bulkhead bracket.
3. Disconnect the drive cable and trip cable from the speedometer.