

SB/RG/31A HOME
B/4 EXPORT
(Supersedes SB/RG/31)

"FAST-CHARGING" OF BATTERIES ON VEHICLES

FITTED WITH A 4TR REGULATOR

CAUTION

Under normal "fast-charging" conditions, the 4TR will be perfectly safe because it is isolated when the vehicle's engine is switched off.

If however, the engine is started while the battery is on "fast-charge" irreparable damage may be done to the control unit. This is because certain variable factors: e.g. state of charge of the battery, condition of the battery, setting of the fast-charger, all affect the battery on-charge terminal voltage, which in turn can result in terminal voltages being obtained such that the power rating of the Zener Diode, in particular, is exceeded.

The following instruction should be strictly adhered to when using a fast charger on a vehicle equipped with the 4TR (electronic) voltage control unit.

When using a fast-charger on a vehicle fitted with this control unit it is important to see that the ignition switch on the vehicle is in the "off" position. If the charger has to be used for engine starting, it is essential that it be disconnected immediately the engine fires.