

## LOCATION OF FAULTS (cont.)

### EMERGENCY TEST OF RECTIFIER

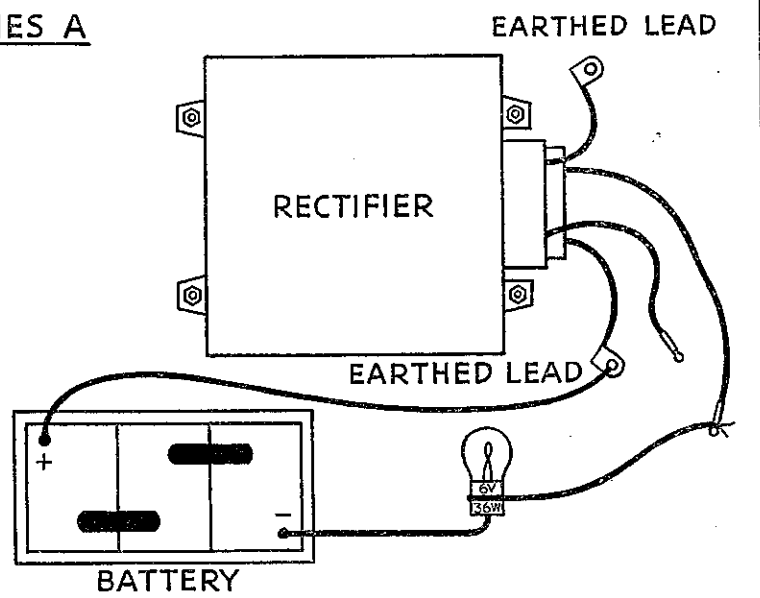
#### Series A. Double Bank Type.

Test each bank separately. Connect the positive lead from a battery to the earthed lead of the rectifier and the negative battery lead to the other rectifier lead with a headlamp bulb in circuit. If the rectifier is faulty the bulb will light up.

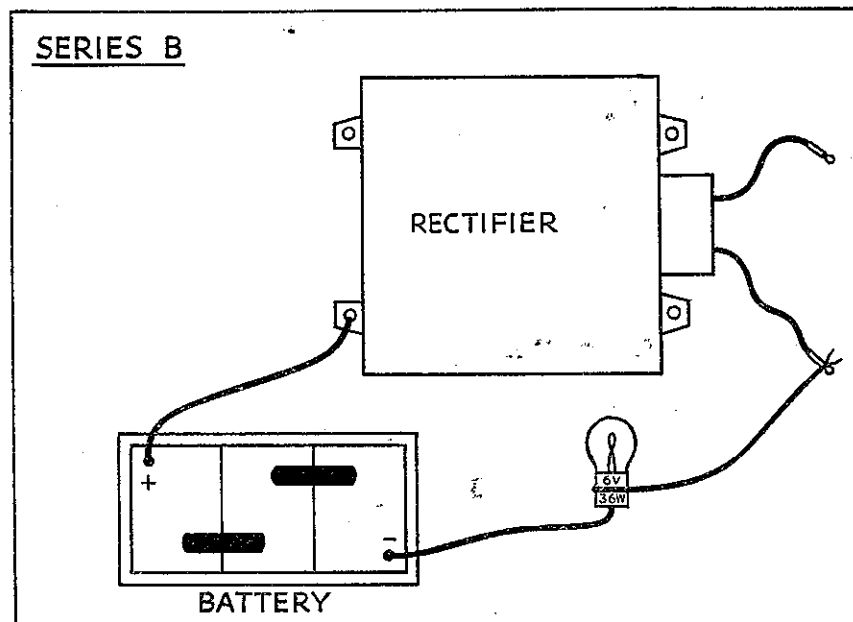
#### Series B. Single Bank Type.

Connect the positive lead from a battery to one of the ears of the case from which the black enamel has been cleaned off. Connect the negative battery lead to one of the cable terminals with a headlamp bulb in circuit. If the rectifier is faulty the bulb will light up. Repeat with the other rectifier lead.

#### SERIES A



#### SERIES B



If the bulb lights the rectifier is definitely faulty. If the bulb does not light the rectifier may be O.K. but there is still a possibility that it may have a fault. In short, this emergency test will show that a rectifier is defective but not that it is in good order. Special equipment is required to make a fully comprehensive test. If the rectifier is suspected, it should be tested at a Lucas Service Station.