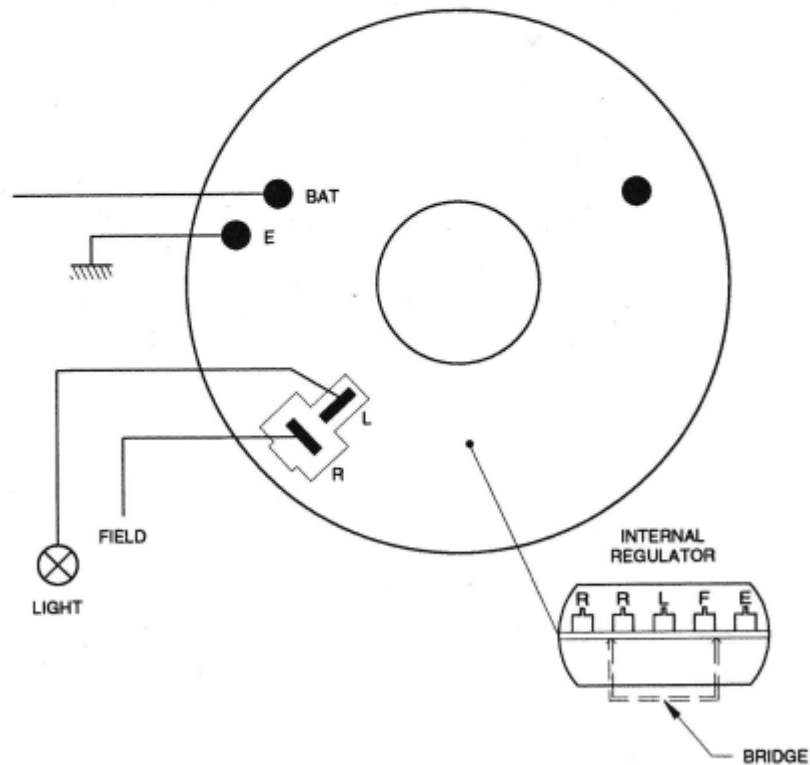


d. **Hitachi.** This is the standard alternator fitted to Yanmar engines (Models LR 135-74 35A, LR 155-20 55A and LR 135-105 35A). Use the following procedure:

- (1) Remove the rear casing from the alternator. The screws are generally torqued extremely tight, so use the correct screwdriver size.
- (2) Carefully cut off the connections to the existing regulator. There are 5 in total.
- (3) Solder a 1.5 mm bridging wire between the R and F terminals, as illustrated.
- (4) Replace the rear casing.
- (5) Connect the external field connection to the socket at the rear of the alternator. A cable and plug are normally fitted and can be removed.



HITACHI (YANMAR)

LR 135-74 35A  
LR 155-20 55A  
LR 135-105 35A

**Figure 3-7 Hitachi Alternator**