## **TECHNICAL BULLETIN TB-42**

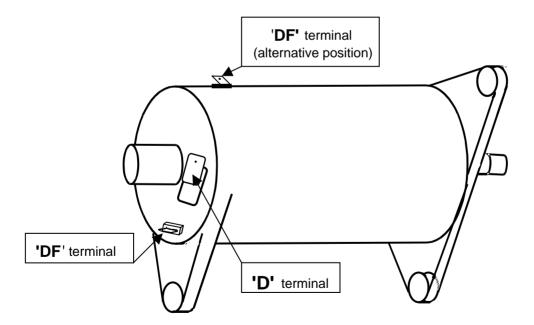
Issue No. 01
Date 21/11/06
Author RCB

## **Dynamo polarization**

Lucas type dynamos must be polarised on installation. Failure to do so can damage the control box and the replacement dynamo.

## To polarise the dynamo:

- 1. Install the dynamo to vehicle, do not connect any cables at this time.
- 2. If vehicle is 'positive' earth, connect a jump lead to the 'negative' side of the battery, and momentarily connect the other end of the jump lead to 'DF' terminal (6.3mm lucar) on the dynamo.
- 3. If the vehicle is 'negative' earth, connect a jump lead to the 'positive' terminal of the battery, and momentarily connect the other end of the jump lead to the 'DF' terminal (6.3mm lucar) of the dynamo.
- 4. Now connect dynamo leads. Ensure voltage regulator and, if applicable current regulator settings are correct on control box.



Do not over tension the fan belt, a dynamo belt does not require the same tension as an alternator belt. Over tightening the belt will cause the rear bush to fail.