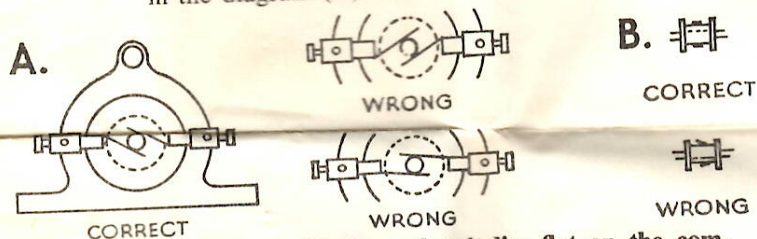


# Instructions for 'Mighty Midget' Motors

1. These motors are for use on DIRECT CURRENT only and run on any voltage from 3 to 6 volts.
2. Supply may be from dry batteries, accumulators or mains through transformer and rectifier.
3. The direction of rotation can be instantly reversed by changing over the leads. A special reversing switch is available.
4. Wear on the brushes and commutator is bound to occur, especially when used on heavy load. New brushes can be obtained from the dealer who supplied your motor.

## 5. TO REPLACE BRUSHES:

- (a) Carefully extract the old brush by a straight pull with a pair of pliers, making sure that no part is left behind in the motor case;
- (b) insert the new brushes by pushing in, the position of the phosphor bronze strip being exactly as indicated in the diagram (A).



Be careful to insert brush so that it lies flat on the commutator—not twisted at an angle (B).

6. Use typewriter or sewing-machine oil only for the bearings. Lubricate sparingly.

7. Avoid overload. The electricity consumption increases as the speed is reduced. Leaving a stopped motor switched on will cause the armature to heat up and rapidly exhaust the battery.

## SERVICING ARRANGEMENTS

In the event of this motor suffering damage or wear, the Manufacturers undertake to repair and completely overhaul any motors returned at a standard charge of FIVE SHILLINGS, inclusive of return postage and packing.

The motor should be carefully packed and returned complete. TOGETHER WITH A 5/- POSTAL ORDER (crossed), to the address below. Overseas users should enclose 5/6 sterling, or its equivalent in their own currency, the extra sixpence being required to cover the higher postage rates. Please follow the above instructions exactly, as the low price charged does not permit our entering into correspondence in connection with repairs. No responsibility can be taken for damage in transit.

**NOTE.**—Purchasers are strongly advised not to attempt overhauling the motor themselves.

**VICTORY INDUSTRIES (SURREY) LTD., Guildford, England.**