

# **BRAY ELECTRO GATE**

## **INSTALLATION INSTRUCTIONS**

### **GENERAL**

The Electro Gate units should be installed as follows so that the barrier rails meet or cross at the centre of the gateway and at approximately 2'6" above the ground. There is no need for the rods to touch when closed. To avoid damage the units should be so mounted that the vehicles approach the barrier at right angles. A piece of iron pipe or wooden rail placed across the road surface will encourage drivers to slow down if the Electro Gate is to be used on a long stretch of road.

### **ASSEMBLY**

Screw each hinge firmly to the face of the timber post or existing gate post with the screwed cap uppermost and with this cap approximately 2'9" above ground level. The rods should never be mounted less than 2' above ground level.

Unscrew the cap and remove the tube lying inside the hinge barrel.

Draw up the spring found inside the barrel, with the aid of string or wire hook, until the butt end of one of the glass fibre rods can be passed through the hole in the upper or moving half of the barrel and through the loop at the top of the spring.

Replace the tube on the glass fibre rod, replace the cap and screw this up tightly so locking the rod in position.

In exposed conditions when strong winds are likely to occur, the terminal screw, which also secures the lower end of the spring, should be moved to a lower hole. The barrier will then be held closed by a greater force.

### **ELECTRICAL CONNECTIONS**

The live wires from a fencer unit should be connected to the terminal screw on the side of the hinge barrel. From this terminal current should be led to the other unit by means of an overhead wire, or by buried cable, using the insulated cable provided. Under no circumstances should the units be connected direct to the mains supply.

### **OPERATION**

All normal farm traffic can drive straight through the barrier at speeds up to 10 m.p.h. when the gates will be self-shutting. Pedestrians should open the gates by hand using the yellow hand grips.

The gates may be locked "open" by pushing the rods to the fully open position and inserting the locking pins, which are attached to the hinge units, into the locking holes located in the front of the hinge barrels. To avoid damage to the rod, drivers should not reverse when their vehicle is in contact with the Electro Gate.

Occasional lubrication with oil or grease will ensure the smooth action of the hinge units.