

# Level Crossing Components

Product Code  
**RLC**

*AMBIS Moving Engineering Modelling closer to the prototype in operation and appearance.*

These components are provided to allow fitting of some details to a signal box and point rodding for a level crossing - the gates and their sundry items are not included.

For a simple crossing the paddle like fittings (like a canal lock) are likely to be appropriate - this uses the ratchet and pinion drive. The screw drive gear has greater mechanical efficiency so is more likely to be used on bigger and heavier gates.

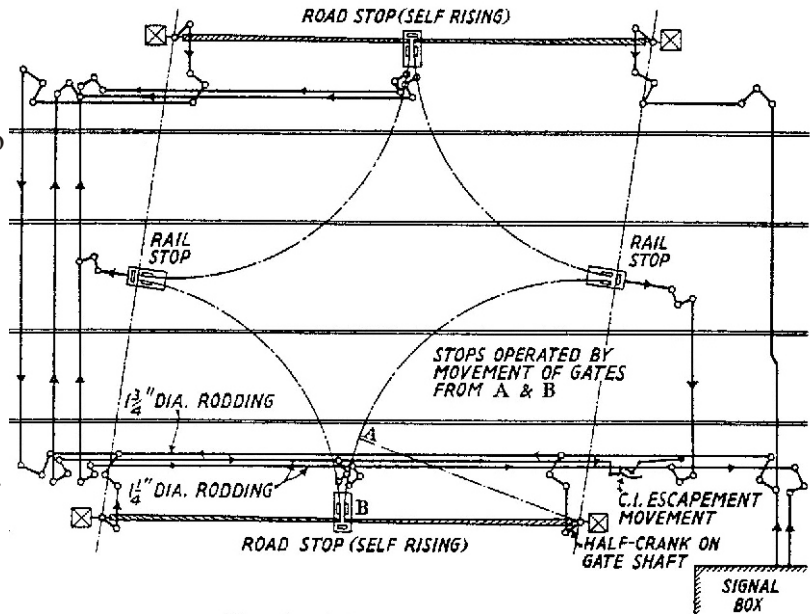


FIG. 43.—Ordinary Four-gate Crossing.

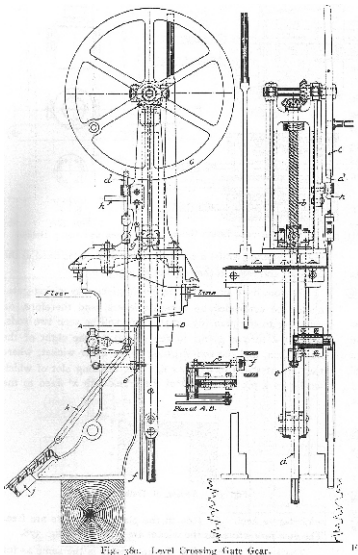


Fig. 38a. Level Crossing Gate Gear.

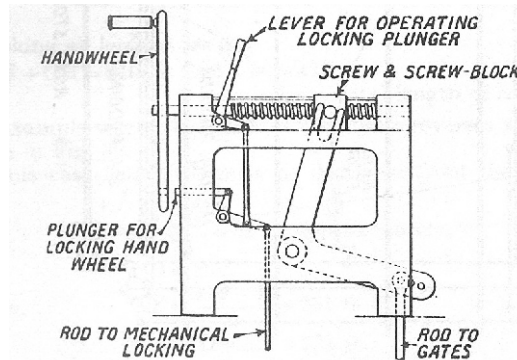


FIG. 46.—Gate Gearing.

There are three drive wheels provided - a "ships wheel" - for the paddle fittings and two different smaller wheels for the screw drive - these require the fitting of a small handle (about 6-8 ins or 2.5mm long) in the hole provided.

No rods or screw drive (a small long bolt and nut?) parts are provided, as metal rods may suffice.

There are a number of large "X" cranks and smaller "X" cranks and more normal "L" cranks provided as the rodding associated with a level crossing is quite complex. Usually most of this is hidden below planking but some of it may normally be seen. There are very many different arrangements for level crossings and we can provide no specific plans - but please refer to the included diagrams.