



Instructions for

752 Home Colour Light Signal Set. 756 Distant Colour Light Signal Set.

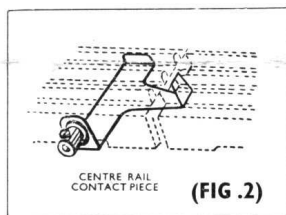
758 Colour Light Signal Set, Home and Distant.

777 Block Signalling Set.

439 Indicating Check Switch Set.

(I) FITTING AND OPERATING COLOUR LIGHT SIGNALS

(a) Slide the signal off its base (Fig. 1.) Remove the bulb holder complete with bulbs. (See below instructions for renewing bulbs.) Screw the signal base to the baseboard.



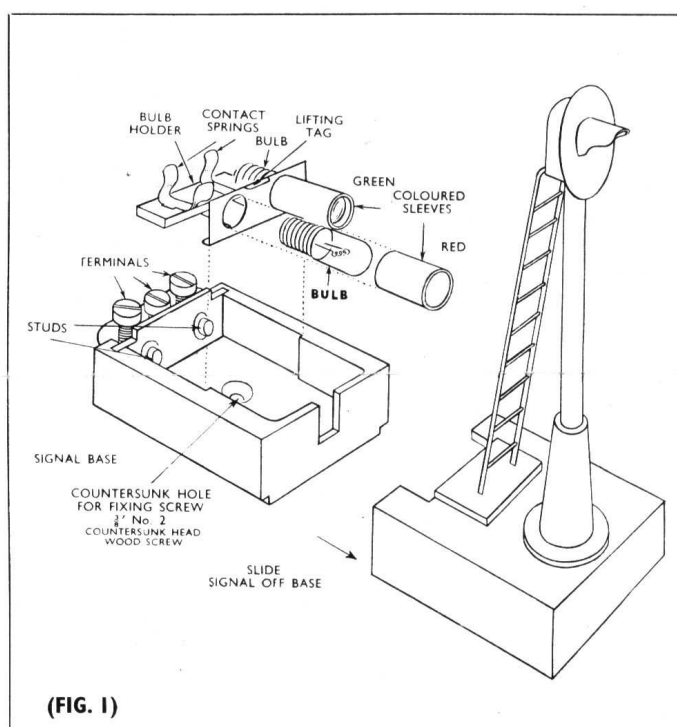
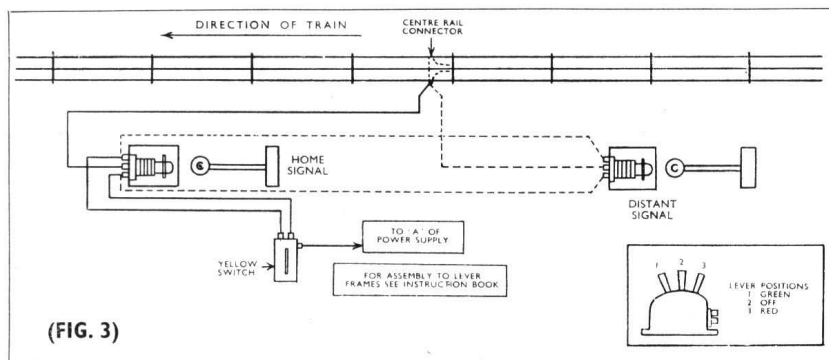
(b) Insert the centre rail connector between two rails close to the signal (Fig. 2.)

(c) Wire signal(s), yellow switch and centre rail connector as shown in Fig. 3.

(d) Re-assemble the signal.

OPERATION

When the lever is set towards the terminals of the switch, the signal will show red (amber for distant.)



The signal will be green when the lever is in the opposite position. In the central position the light will be switched off.

TO RENEW BULBS

Slide the signal off its base. Remove bulb holder carefully, bulb end first. Fit a new bulb. When re-assembling refit the bulb holder, springs first, sliding the insulated plate carefully underneath the studs. Make sure of good contact.

(II) PREDETERMINED TRAIN CONTROL

For predetermined train control add the indicating check switch set No. 439. It contains one indicating check switch, a centre rail connector, one short and one long link bar.

TO FIT

(a) Create a block section (length 3 or 4 rails) as shown in Fig. 4. by inserting two small pieces of thin cardboard between the centre rail connectors at the start and finish of the section.

(b) Fit a centre rail connector inside the section and another outside. Wire as shown in Fig. 4.

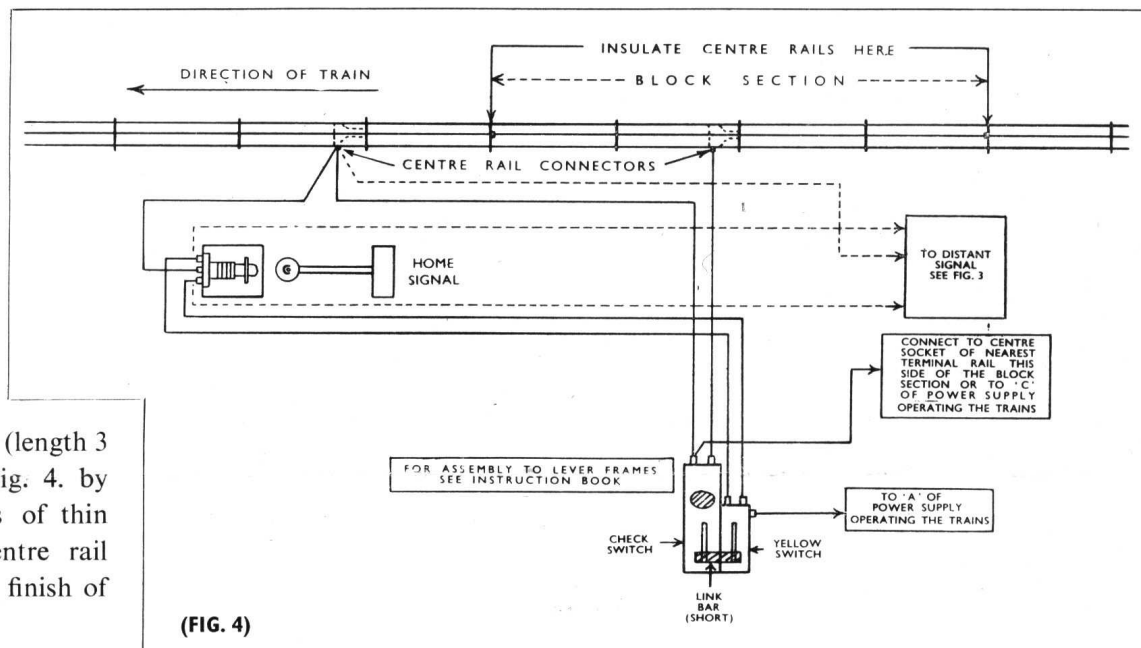
(c) Slide the short link bar over the lever of the yellow switch and the lever of the indicating switch. The switches will then operate together.

OPERATION

To stop the train at the signal throw the pair of switches towards the terminals. The Home Signal will then show red, the train will come to a stop before the signal and a red warning light will appear in the check switch to indicate the position of the waiting train. When the switch is so set in the stop position the indicating resistance lamp will consume and so withhold most of the current in that section and the train cannot proceed until you have cleared it.

To clear the line throw the switches the other way when the signal will alter to green, the warning light in the check switch will be extinguished, full current is restored to the section and the train can proceed.

Should you have a particularly well 'run-in' locomotive the



(FIG. 4)

current remaining in the section may still be sufficient to keep it running. In that case add to the load and/or tighten the brush caps.

If you wish to approach the stop position at crawling speed the current remaining in the section may be insufficient to hold the relay armature in the direction of running. To get over this give more current and regulate the speed of the train by increasing the load.

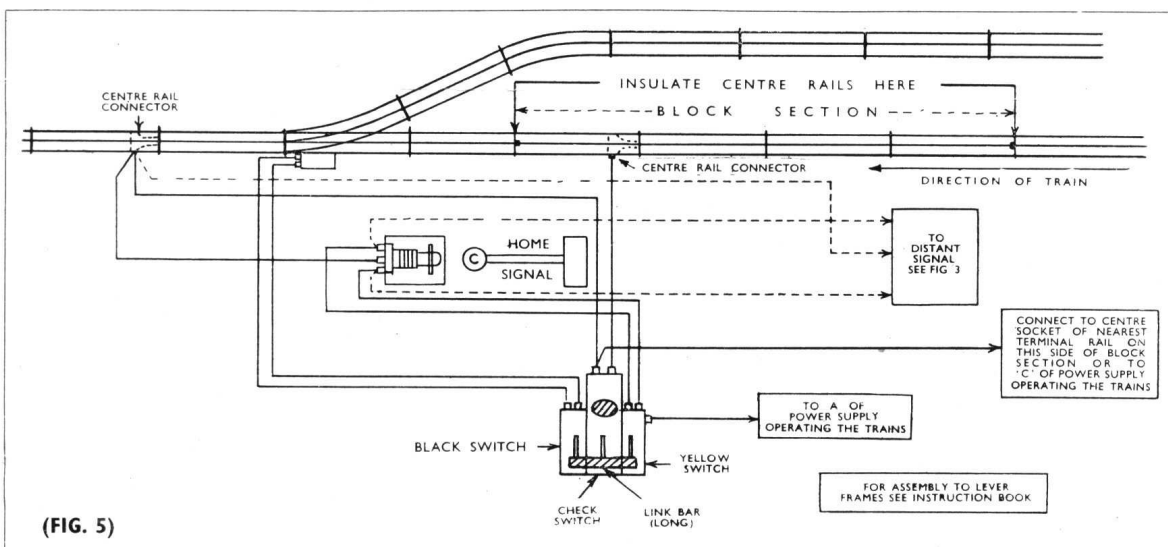
TO RENEW BULB IN CHECK SWITCH

Remove the cover and slide out the bulb holder. Fit a new bulb, (it must be No. 31/77) and reassemble. Make sure of good contacts.

(III) NOW ADD A POINT TO THIS COMBINATION

You can further improve the efficiency of your layout by linking a black point switch to the above assembly, using a long link bar and wire as shown in Fig. 5. The three switches will then be co-ordinated and your train will

stop automatically if the point is set against it. A throw of the link bar will simultaneously change the point, alter the signal to green and allow your train to proceed.



(FIG. 5)

TRIX
LIMITED

11 OLD BURLINGTON ST.
LONDON, W.1

FOR COLOUR LIGHT
SIGNALS SEE OVER