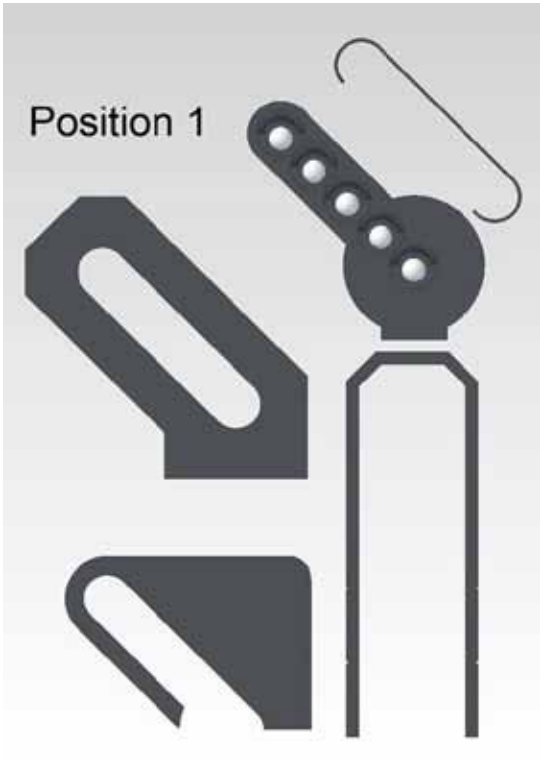
Routemex

O Gauge Position 1 Route Indicator Kit



Contains small parts - Unsuitable for children under 14

This kit enables you to build 1 Position 1 Route Indicator for a Junction Signal. ***To be used in conjunction with a Head Kit (2,3 or 4 aspect) and a Junction Post Kit*** ***Operation is by 12V DC***

The Route indicator can be mounted on the ***JUNCTION SIGNAL POST*** using the support bracket ***or can be mounted directly on the head of a 2/3/4 Aspect multi signal kit or indeed any existing signal head directly using the supplied jig.*** Choice of 2 target boards and a sun-shade.

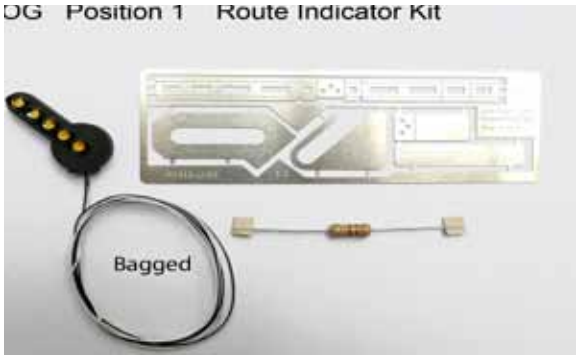
Although assembly is straightforward, I advise reading ***all*** the instructions from ***this kit*** and ***the Head Kit*** and ***Post Kit*** before starting, as there are some areas that are best done in a specific way.

Adhesive

The route indicator can be fixed with superglue but 5 minute epoxy can also be used.

Contents:

Position 1 Route indicator - pre-assembled
Resistor - 4.7K Yellow Violet Red
OG6 Nickel Silver Fret



PREPARATION

Clean metal the fret by first washing in warm water and detergent to remove surface contaminants and etching residue. Then use fine steel wool to polish the fret before removing components.

I recommend CARRS SURFACE CONDITIONER for a final clean of metal parts as this will remove the invisible oxide layer and greatly improve paint and glue adhesion and simplify soldering. Some components from the post kit, head kit and route indicator can be prepared and painted at the start as this will make construction faster and simpler.

PAINT FINISHES

There is some variation in colours depending on age and location. In general the Route indicator and main signal FRONT PLATE and target are finished in black, however, due to long exposure to the elements they have often faded to a mid-grey so it can be hard to tell what the original colour was.

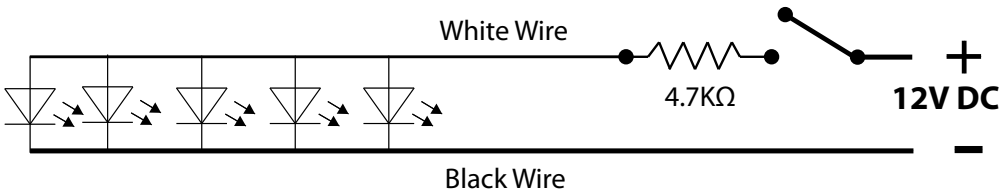
The support bracket is sized to fit a 4 aspect signal but is easily modified to suit a 2 or 3 aspect signal by snapping off at the half etched marks. Snap off one section for a 3 aspect signal and two sections for a 2 aspect signal as shown.
Fold to shape using pliers to slightly bend each side a little bit working along the fold line. ***DO THIS SLOWLY IN SMALL STAGES***.

Check that it fits the platform slots before proceeding further. ***ENSURE WIRE HOLE IS AT REAR***. Paint as shown as the inside will not be accessible once fitted over the Back Box.
PIC
Target Boards on the Route Indicator are not always present – depends on location. If required Paint the desired Target Board and leave to dry. ***SUNSHADE*** is optional and is not always present. Paint and fold to shape around light covers.

Scrape back paint on the support bracket and use adhesive to fix route indicator in position

Fitted to an existing signal using the jig to mark the wire hole.

Solder the resistor to the white wire(Positive) and connect to a 12V DC supply and switch



This signal can be used with digital control devices but use the supplied resistor as well even if the instructions say that resistors are built-in.

SAFETY

Operation is by 12V DC

DO NOT, under any circumstances connect LEDs without the specified resistor. This kit uses resistors rated at 1 watt. Do not use a resistor with a lower power rating as it may overheat. Please ensure you use the correct resistors for each kit otherwise the LED's will fail. Please ensure ventilation around the resistors.

DO NOT, under any circumstances use batteries to test LEDs without a resistor – The application of batteries of even low voltage can cause the LED to explode and cause injury.

DO NOT Stare directly into an LED