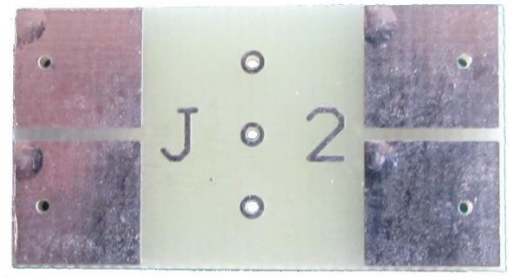
JTElectronics

Track Rail Joiner HO Scale

Model: JTETJ2



The JTETJ2 track rail joiner can be used to simply and reliably join HO scale flextrack by soldering the JTETJ2 track joiner to the track rails as shown in the photos below. You just remove a few plastic “sleepers” from the ends of the flextracks to be joined, slide the JTETJ2 board under the tracks and solder the outside of the track rails to the JTETJ2 track joiner.

!! IDEAL when you need to cut the track for block detection as the cut track will stay perfectly aligned !!

FEATURES:

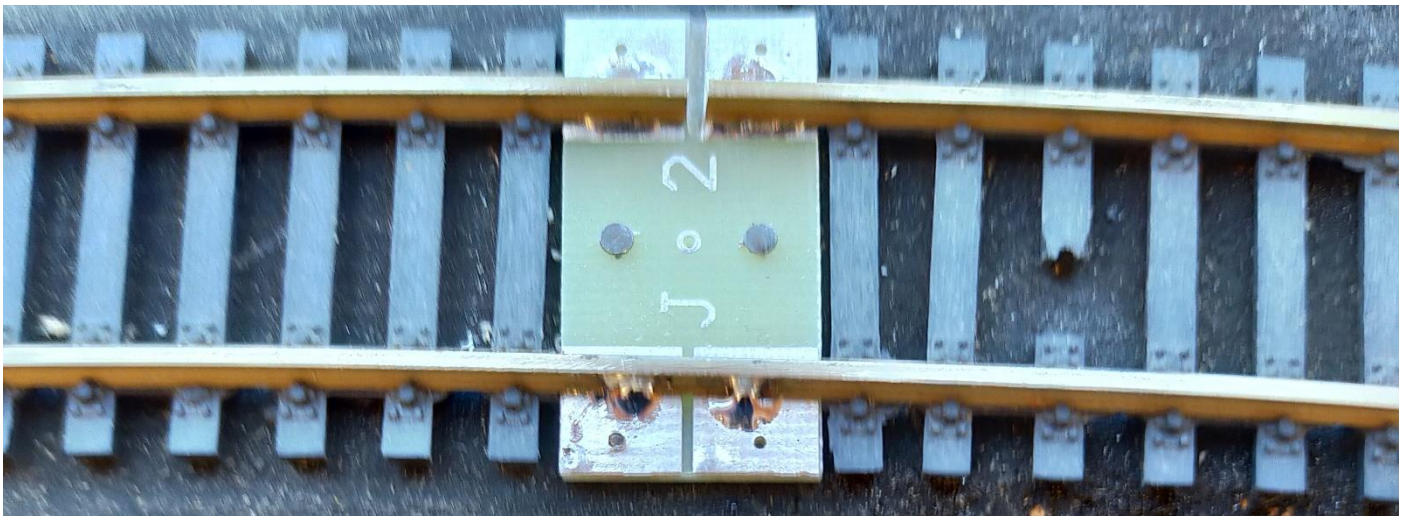
- Three holes near the centre of the JTETJ2 board to allow fixing to the roadbed with small nails etc.
- Holes in the four corners of the JTETJ2 board to allow soldered connections to your track wiring. You can even hide the wiring by enlarging these holes and feeding the track wiring up through the roadbed.
- Gap to allow electrical isolation of two pieces of track. This keeps the track rails in proper alignment when electrical isolation (cutting the rails) is required
- The JTETJ2 board may be cut horizontally across the centre to allow track fixing at the ends of a table.
- Ideal for joining and perfectly aligning tracks when joining two tables.

TRACK RAILS SOLDERED TO JTETJ2 BOARD

This photo shows the track rails soldered to the JTETJ2 board. The rails are soldered **only on the outside edge** so that the locomotive wheels will not hit the solder. A small amount of solder will flow underneath the rails and this will help keep the rails fixed at the correct height and rail spacing.

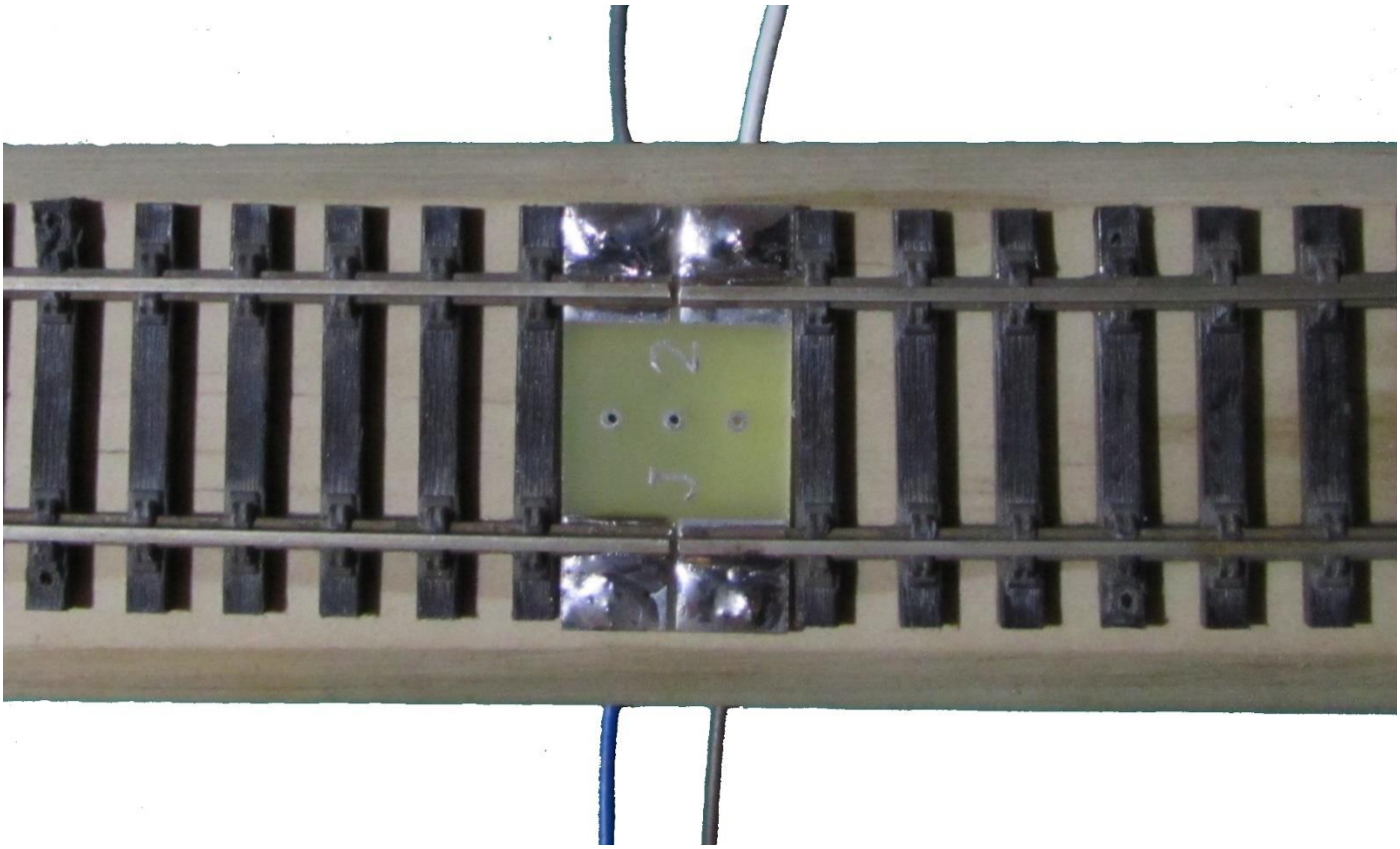
At this particular join, the track rails have a small gap to electrically isolate the left and right pieces of track. In most cases you would want the track rails to be electrically joined so you would solder a small wire link (or a blob of solder) between the left and right solder pads on each rail – again on the **outside of the track rails** to not interfere with the locomotive wheels.

This image shows the top track rail has been cut, maybe with the likes of a Dremel tool, after the track joiner was soldered in place. The cut ends of the track are still perfectly aligned so there is little chance of a derail… Russ can now easily solder one of my block detection sensors between the two top terminals.

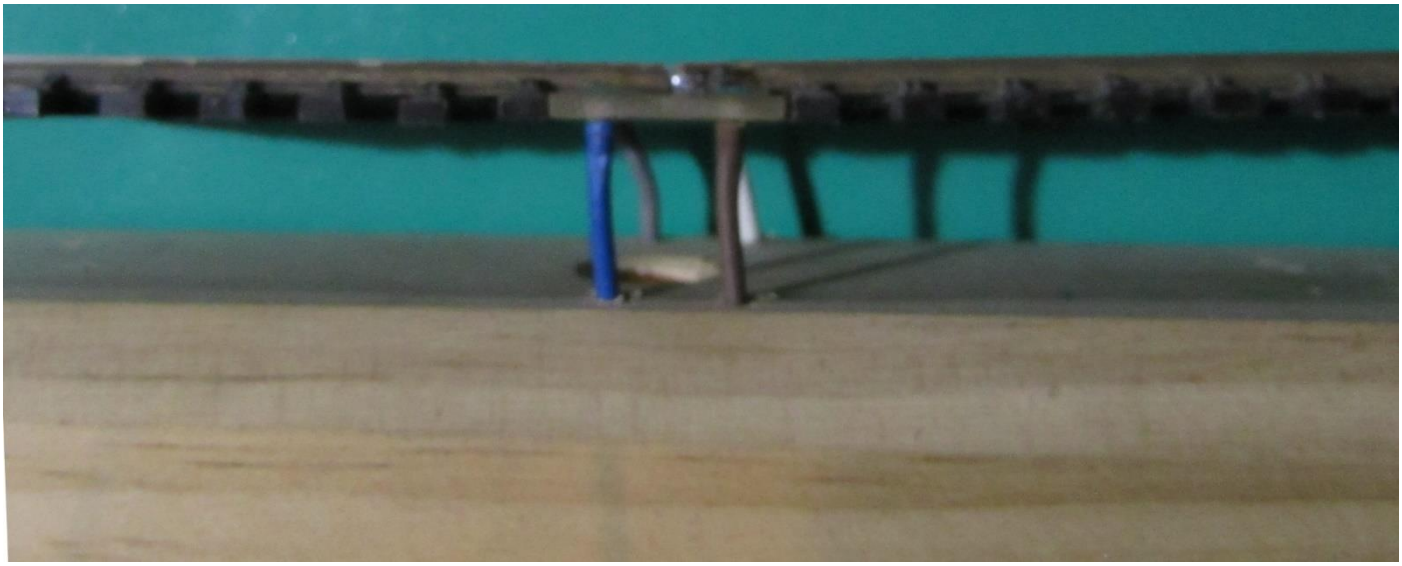


TRACK POWER WIRES SOLDERED TO JTETJ2 BOARD

These photos show the track power wires soldered to the JTETJ2 board and routed through the roadbed by drilling suitable sized holes to thread the wires through, so you don't see the wires at all above your roadbed or even your table.



Track raised to show track power wires threaded through the roadbed



JTETJ2 TRACK JOINER SPECIFICATIONS:

Board Dimensions	Approx. 30mm width x 16.5mm length x 1.6mm thick
Track Scale	HO

The JTETJ2 is sold in a bag of 10 boards