

Cobalt iP Digital & N Gauge Scissors (Peco SL-E383F) Frog Wiring from an Accessory Bus

We assume point motors 1 and 2 have the same address; similarly 3 and 4. They will then work as pairs. The frog wiring assumes that both pairs will never feed the diamond at the same time (which, of course, they shouldn't).

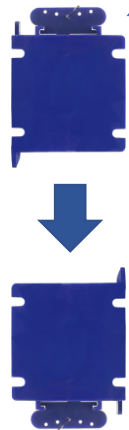
For clarity, the DCC power source from the accessory bus to **DCC In** is not shown.

The feeds from the track bus to the diamond tracks are shown in red and blue (unless already wired in).

The yellow bars are rail isolation.

Note: Two of the Cobalts will have to drive using the end of the tiebar (width of Cobalts versus space between N Gauge tracks)

The orientation of the motors can affect the circuit. If the frog shorts, swap the S2-L and S2-R wires on the Cobalt that are feeding it. The wiring diagram assumes all Cobalts are "facing in".



From the track (or track bus)

1

3

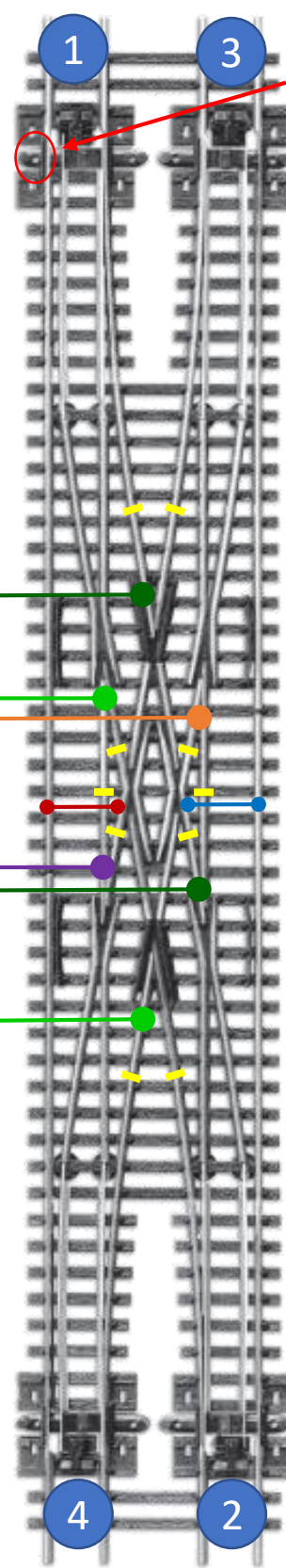
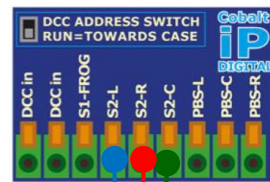
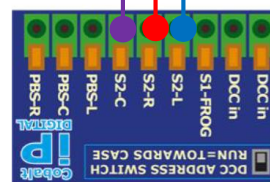
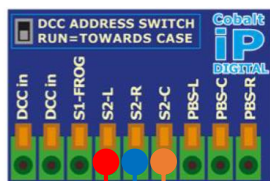
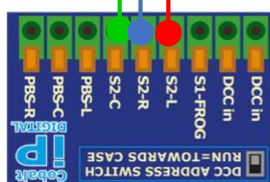
4

2

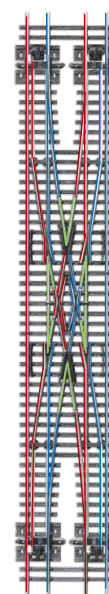
From the track (or track bus)

Originally drawn for Simon A

From the track (or track bus)



Unmodified



Modified

