



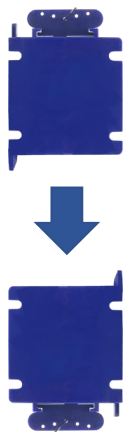
Cobalt iP Analogs and a Double Junction



Turnout and Diamond frog wiring

The orientation of the Cobalt will affect the wiring.

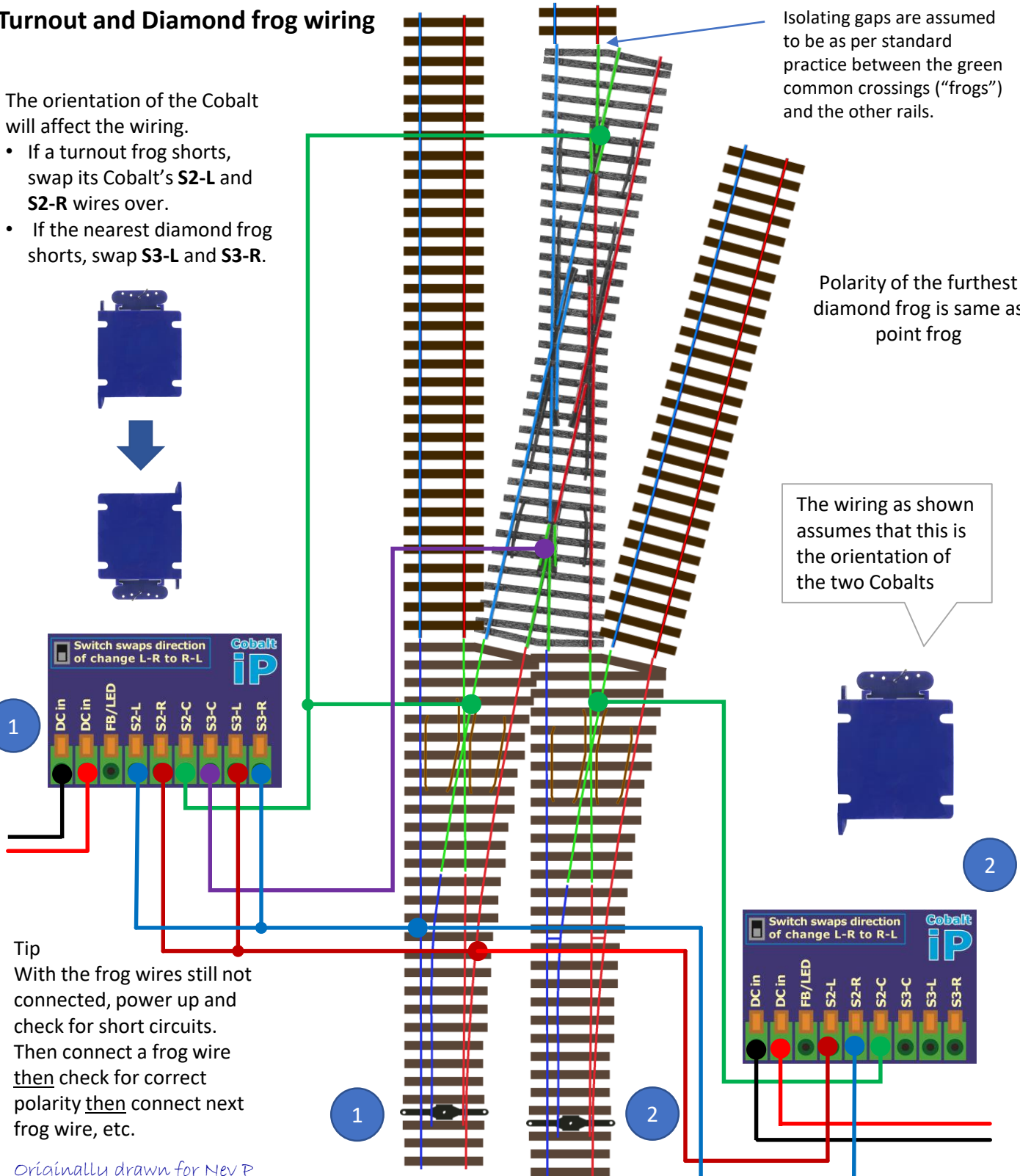
- If a turnout frog shorts, swap its Cobalt's **S2-L** and **S2-R** wires over.
- If the nearest diamond frog shorts, swap **S3-L** and **S3-R**.



Isolating gaps are assumed to be as per standard practice between the green common crossings ("frogs") and the other rails.

Polarity of the furthest diamond frog is same as point frog

The wiring as shown assumes that this is the orientation of the two Cobalts



Tip
 With the frog wires still not connected, power up and check for short circuits. Then connect a frog wire then check for correct polarity then connect next frog wire, etc.

Originally drawn for Nev P