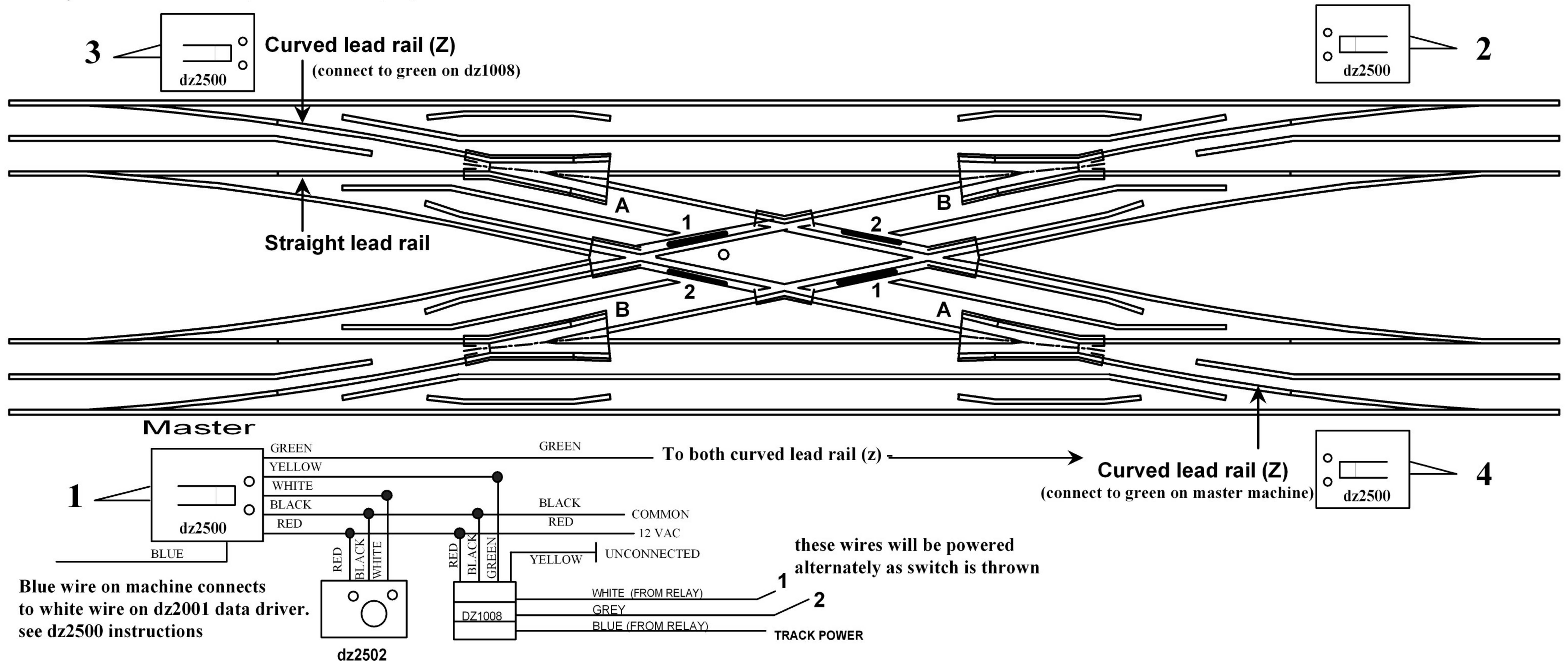


Ross Custom Switches

Advanced RossReady 175m25 Double crossover Instructions

The RossReady double crossover is already wired underneath the switch so that power will continue through without interruption for most equipment. (It is isolated from track to track). However, it may be necessary to power the diamond rails (rails 1 & 2) using a relay if you are running equipment with rollers on only one set of trucks (i.e. Lionel's Gp-9)



-Only two dz2502 controllers and one dz1008 relay are required for the double crossover operation. Wire one dz2502 to machines 1 and 2 and the other dz2502 to machines 3 and 4. Only one dz1008 is required and only gets connected to the master machine (1) and the slave (2).

-Connect white wire from DZ1008 to rails "1" and grey wire to rails "2" which are already wired for you in sets. Rails "2" should have center rail power when traveling route "B" to "B" and rails "1" should have center rail power when traveling route "A" to "A". **Test to make sure that this is correct** by throwing the master machine to the straight route. In this position rails "1" should be powered.

-Connect both "curved lead (Z)" rails together and then connect to green wire of master dz2500.

-Note as shown: Connect the Green wire of the relay to the Yellow wire of the machine.

-Connect the newly designed center diamond to track power using the screw provided underneath.

Call RCS if you have questions. 1-800-331-1395 www.rossswitches.com.