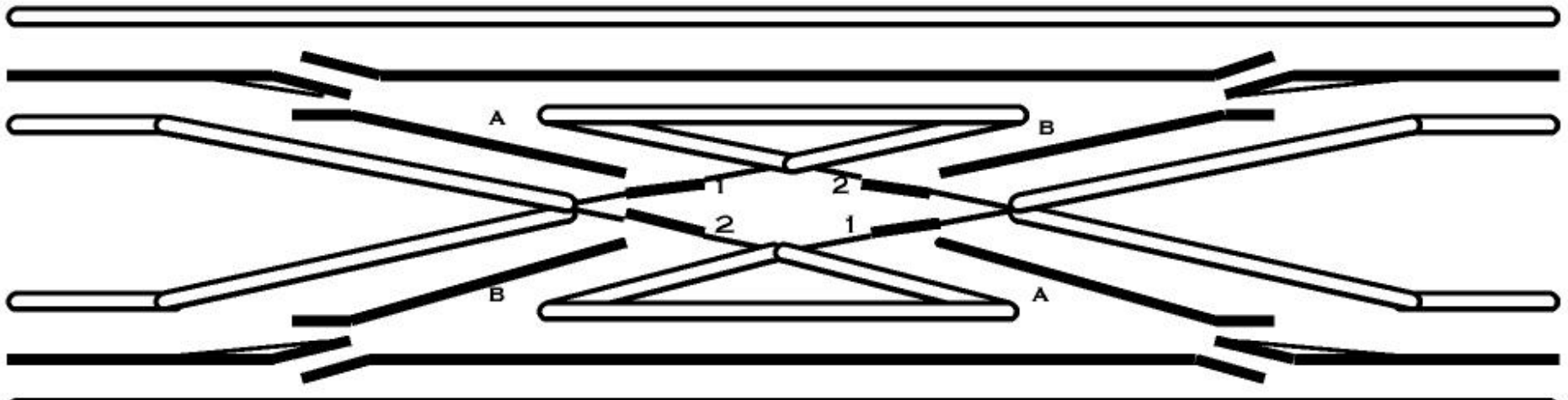


Ross Double Crossover Wiring for Non-Derail and Power Diamond Rails

Powering Diamond Rails

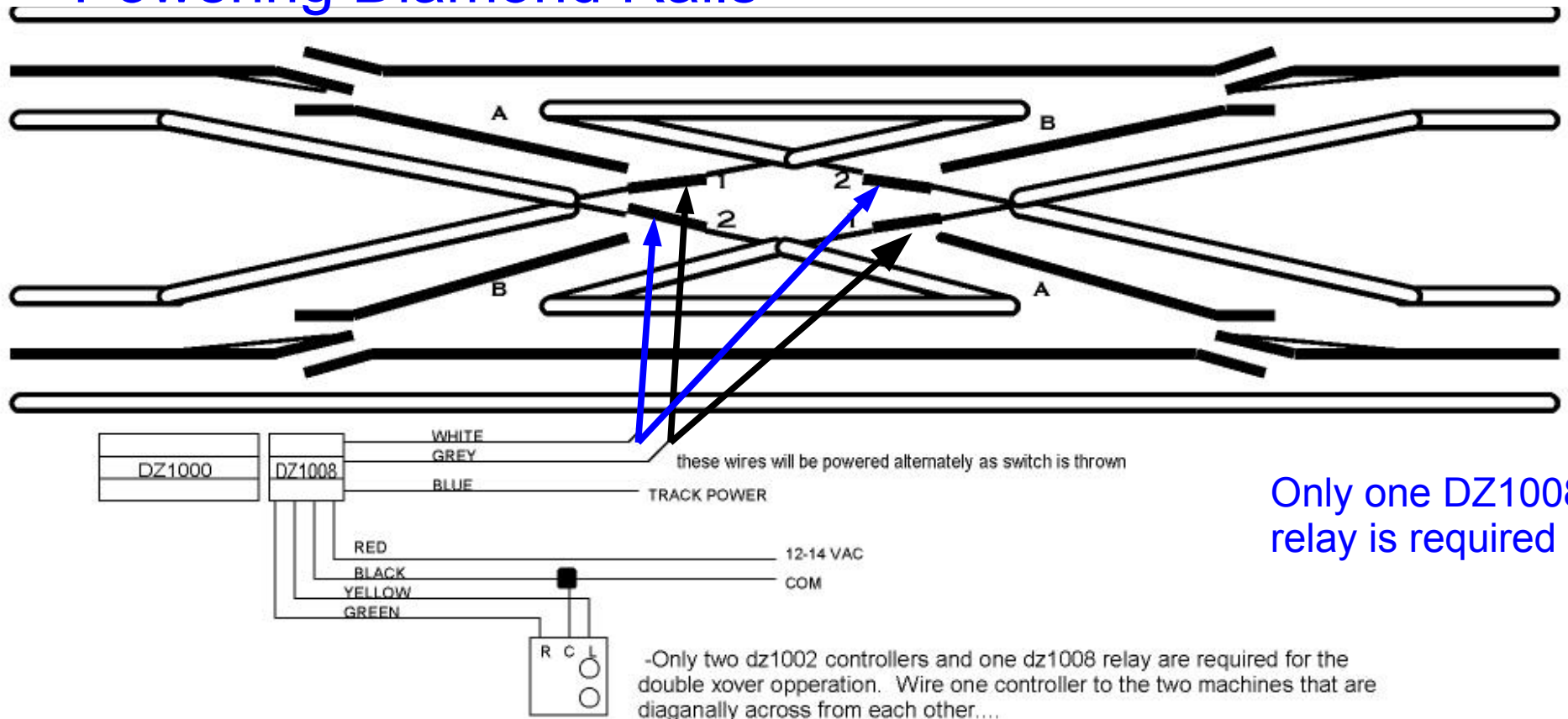
The RossReady double crossover is already wired underneath the switch so that power will continue through without interruption for most equipment. (It is isolated from track to track). However, it may be necessary to power the diamond rails (rails 1 & 2) using a relay if you are running equipment with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



Use the DZ 1008 relay (could also use Atlas O Snap Relay) to power rails 1 and 2 in the diamond. Diamond is non-conductive. All four rails are isolated from each other and normal track. Therefore each rail will need its own wire.

Ross Double Crossover Wiring for Non-Derail and Power Diamond Rails

Powering Diamond Rails



Only one DZ1008 relay is required

General wire scheme for the DZ 1008 relay (could also use Atlas O Snap Relay) to power rails 1 and 2 in the diamond. When the DZ1008 is connected power to the gray wire is always on unless the relay is activated for route "B". Then the gray wire is turned off and the white wire is turned on. When activated route "A" the gray wire is powered. Having the gray wire powered when the crossover is set for through (straight) is ok since the pick up rollers do not go near the diamond rails.