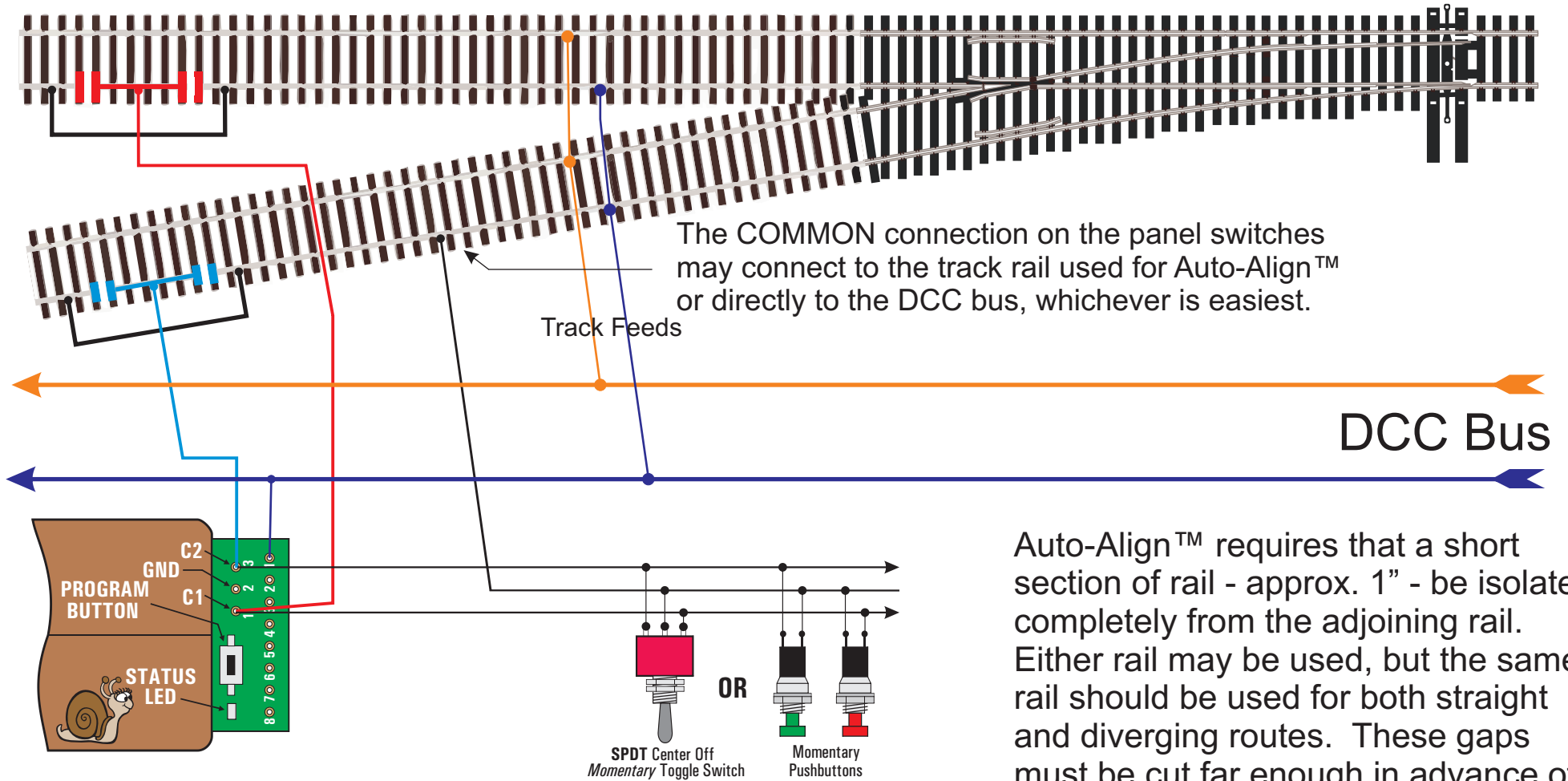


AN-6200-01 Connecting a SMAIL™ for Auto-Align™ and Panel Switches



Auto-Align™ requires that a short section of rail - approx. 1" - be isolated completely from the adjoining rail. Either rail may be used, but the same rail should be used for both straight and diverging routes. These gaps must be cut far enough in advance of the turnout so that there is sufficient time for the SMAIL™ to complete its throw before the train gets to the closure rails - about 3 seconds. Fast trains will require more distance. Only trains with a power unit (or lighted car) at the lead will be detected.

NOTE: If a separate booster is used for switch machine power, be certain that this Accessory booster has its case ground connected to the case ground of the track booster. The SMAIL™ Control Terminal GROUND is not connected in this application.