Wiring two coils together in series rather than parallel yields markedly different results. On Telecasters with 2 pickups, the traditional parallel wiring provides relatively consistent output across all three positions. A Telecaster with its pickups wired in series differs in that when both pickups are on at the same time, the combination produces higher output and a fatter tone. A 4-position Tele switch allows players to have both wiring options at once. The resulting pickup combinations are:

- Position 4: Bridge & Neck Pickups in Series (fatter tone than position 2 & more output than positions 1, 2, or 3)
- Position 3: Neck Pickup (standard Tele)
- Position 2: Bridge & Neck Pickups in Parallel (standard Tele)
- Position 1: Bridge Pickup (standard Tele)

Players with reverse-wound, reverse-polarity pickups receive the additional benefit of hum-cancellation in switch positions 2 and 4.

If your neck pickup has a cover, the cover must be isolated from the pickup’s black wire and a separate ground wire added to it in order to maintain its shielding capability (if your neck pickup is uncovered, then this is a non-issue). The exceptions to this are the Fender Texas Special neck pickup (which already has a separate [yellow] ground wire), and pickups that are bought from Tone Shapers as part of a prewired assembly (we’ll add a yellow wire to the cover for you). If you need to modify your neck pickup in this way, please refer to the illustrations on the other side of this document.