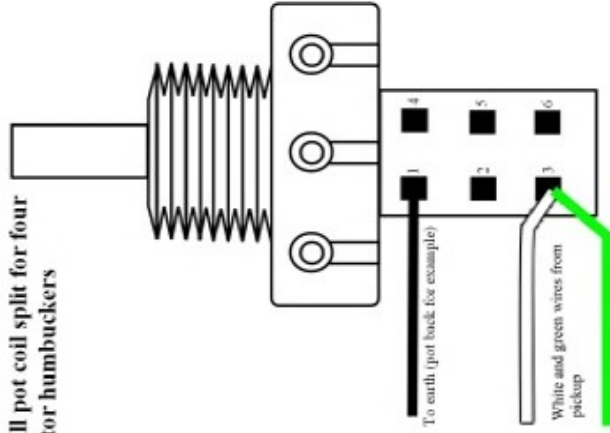


**Wiring your Oil City or ASL four conductor humbuckers:**

We use the standard Gibson for conductor colour code where for normal operation the white and green wires are soldered together and insulated, giving both coils in series for full humbucking tone and hum cancelling. When replacing pickups, solder the red wire to the pot leg you removed the old pickup's 'hot' connection from. The black lead and the braided bare wire solder to the pot back.

There are many wiring diagrams on line to show you how to wire for parallel or coil tap operation.

**Push pull pot coil split for four Conductor humbuckers**

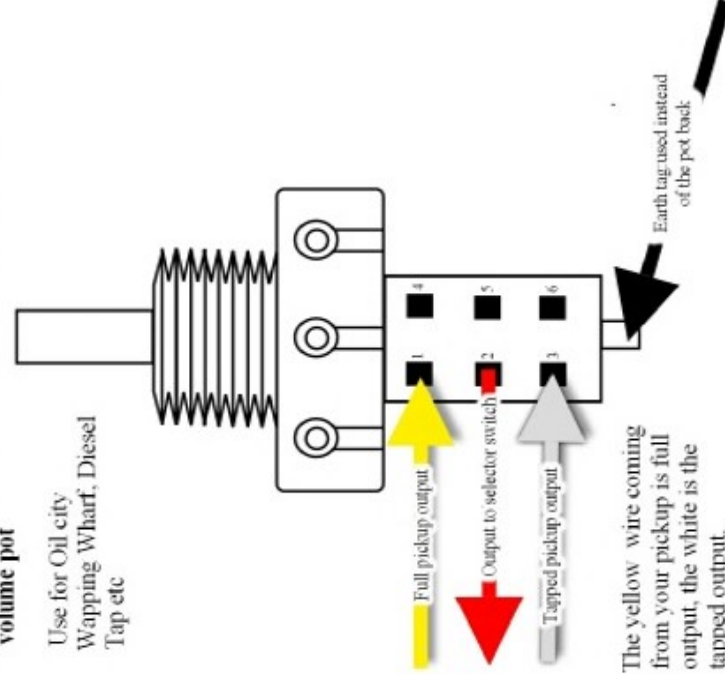


You can connect an extending wire from the white and green wires to reach the single terminal 3 on the switch.

You can use the unused bank of terminals 4,5,6 to tap another pickup!

**Wiring a tapped single coil into a double pole double throw volume pot**

Use for Oil city  
Wapping Wharf, Diesel  
Tap etc



The yellow wire coming from your pickup is full output, the white is the tapped output.

Special note s for FireWatch and Mighty Ninety P90 style pickups

Wiring for my P90 style pickups comes in two types: vintage and twin core and shield. The vintage option has a single centre wire carrying the signal and an outer braided shield which is also the earth/coil start connection - this is how vintage P90 were wired in the early days. The centre coil goes to the pot leg or switch connection, while the braid is soldered to good ground (usually a pot back).

The two conductor + shield option is ideal when you are mixing Oil City pickups with other makes or if you intend to fit an 'out of phase' switch ... as the base plate ground is separate from the coil start and finish wires. This means it's easy to reverse the electrical 'phase' of the pickup by simply swapping the white and black wires over.

Normal two core + shield wiring will have white (signal/coil finish) going to the pot leg or switch and the black (coil start) going to earth along with the bare wire. To reverse the electrical phase, reverse the wires, making black 'signal' and white and bare 'earth'.

Note: unless specially requested, all Mighty Nineties and Firewatch pickups are south polarity/clockwise wound, so are not hum cancelling in the mid switch position. This is because the P90 design loses output and bottom end response when RWRP.