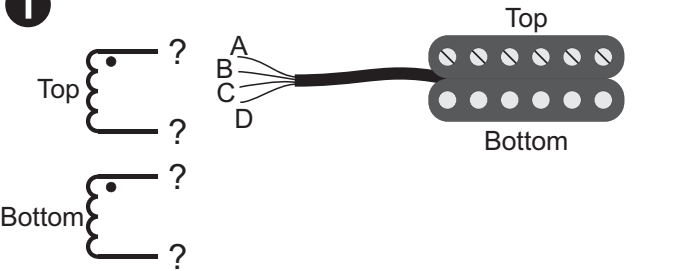
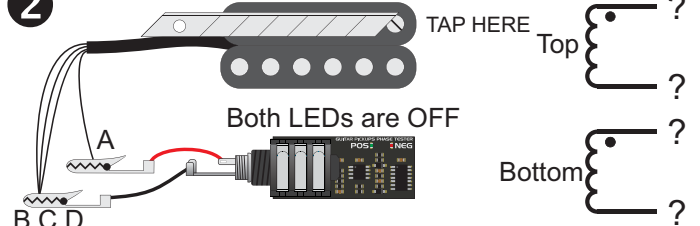
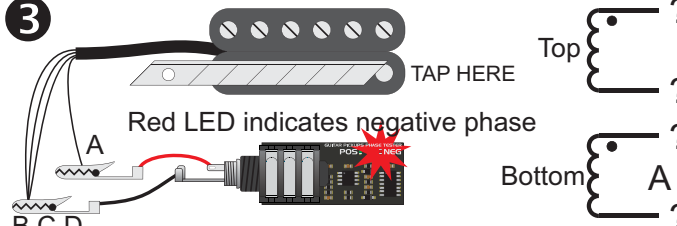


Determine the wires of an unknown 4 wire humbucker with the N-audio guitar pickup phase tester

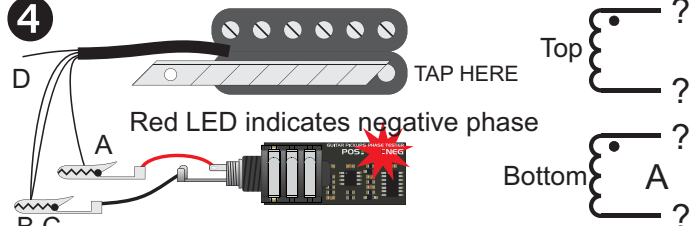
1  Two single coil pickups form a humbucker with 4 wires.

2  Both LEDs are OFF

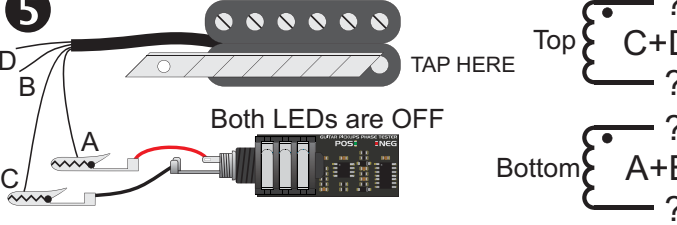
Connect one of the wires to the hot (tip) of the tester and all others to the negative pin. Use a sharp cutter or a flat screwdriver and tap to the poles to generate a peak.

3  Red LED indicates negative phase

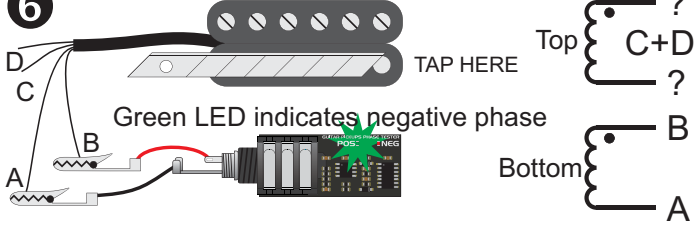
Tap to one and then to the other half of the pickup, looking for LED blink. Ignore the LED color for now. When there is a peak you know one wire of the corresponding section.

4  Red LED indicates negative phase

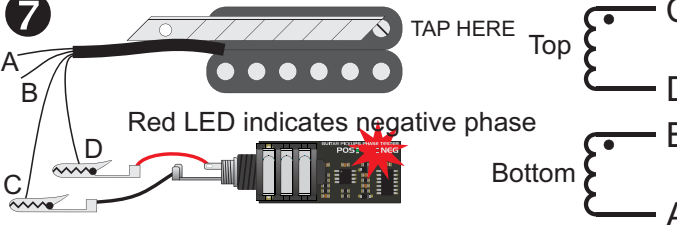
Start taking out wires from the negative end one by one. Tap every time when took out a wire until there is no led activity.

5  Both LEDs are OFF

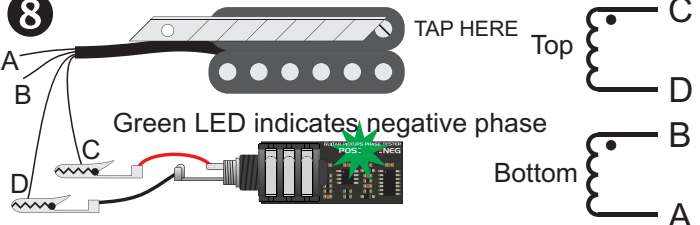
When there is no LED indication, the second wire for the corresponding pickup is the last one when there was LED blink. In this case, this is wire B.

6  Green LED indicates negative phase


Arrange the wires until the green LED turns on. Draw this on the pickup sketch. The black dot shows the positive /in phase/ ends.

7  Red LED indicates negative phase

Do the same procedure finding the phase of the second half of the humbucker.

8  Green LED indicates negative phase

When the green LED is on, complete the sketch as shown.

9 

There are two solutions for wiring and both of them are correct. The difference is which portion of the humbucker is muted in a single switch position. Usually, the active single should create hum canceling with the middle position pickup on the guitar.