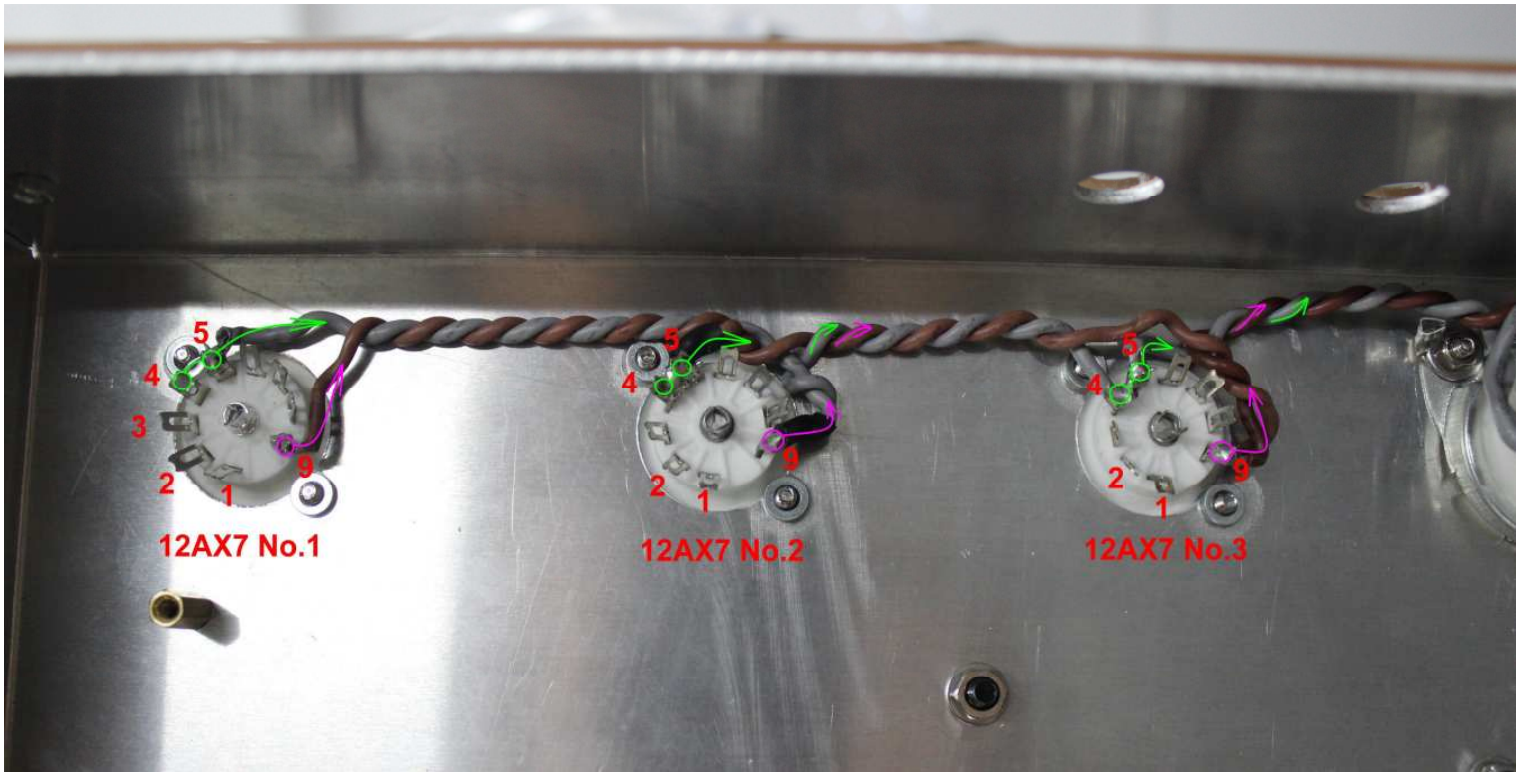
e.Filament wiring:

-use a pair of twisted wire to connect: (see below pic)

Pin4&5 of 12AX7 No.1 to Pin4&5 of 12AX7 No.2 to Pin4&5 of 12AX7 No.3; and

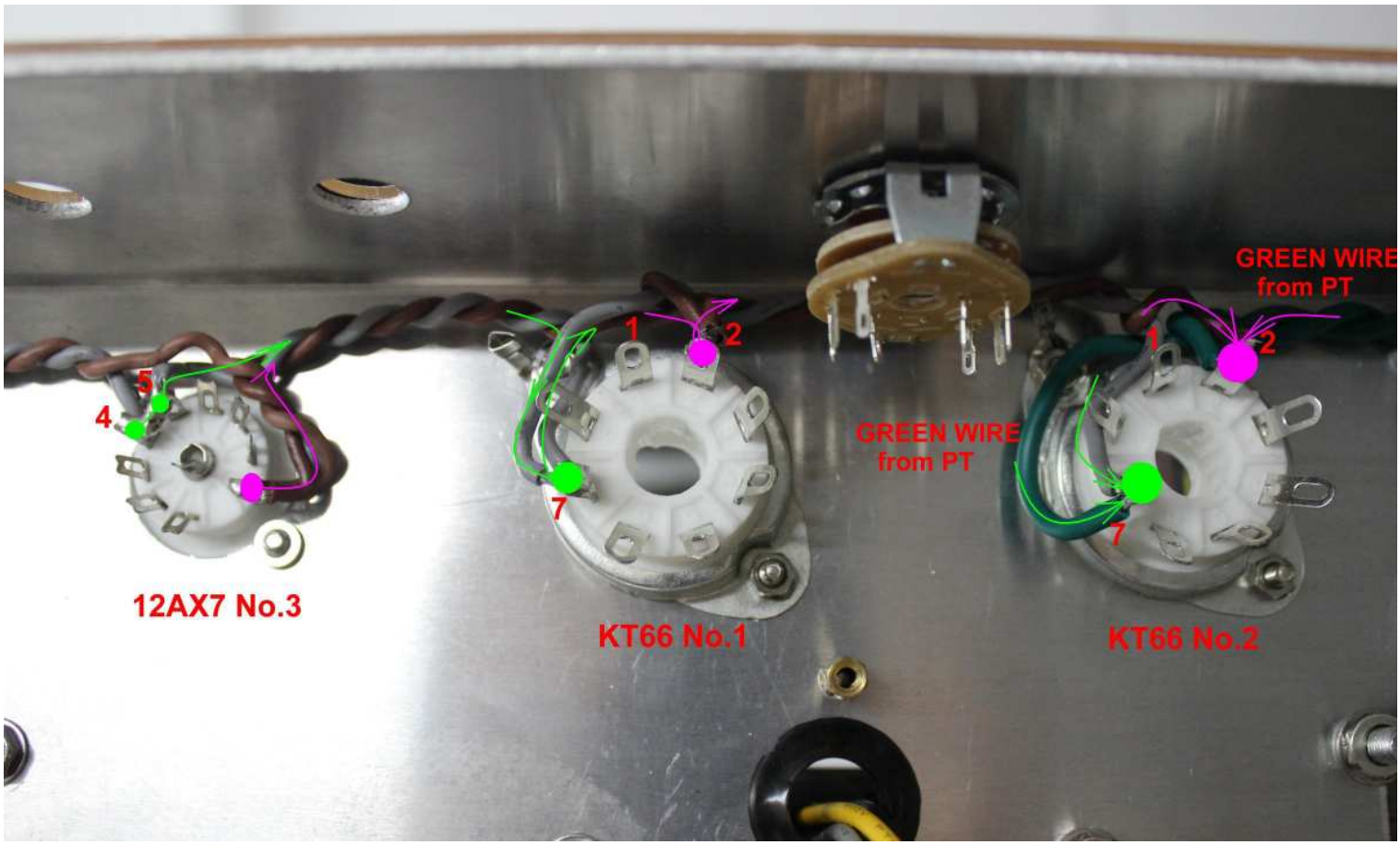
Pin9 of 12AX7 No.1 to Pin9 of 12AX7 No.2 to Pin9 of 12AX7 No.3.



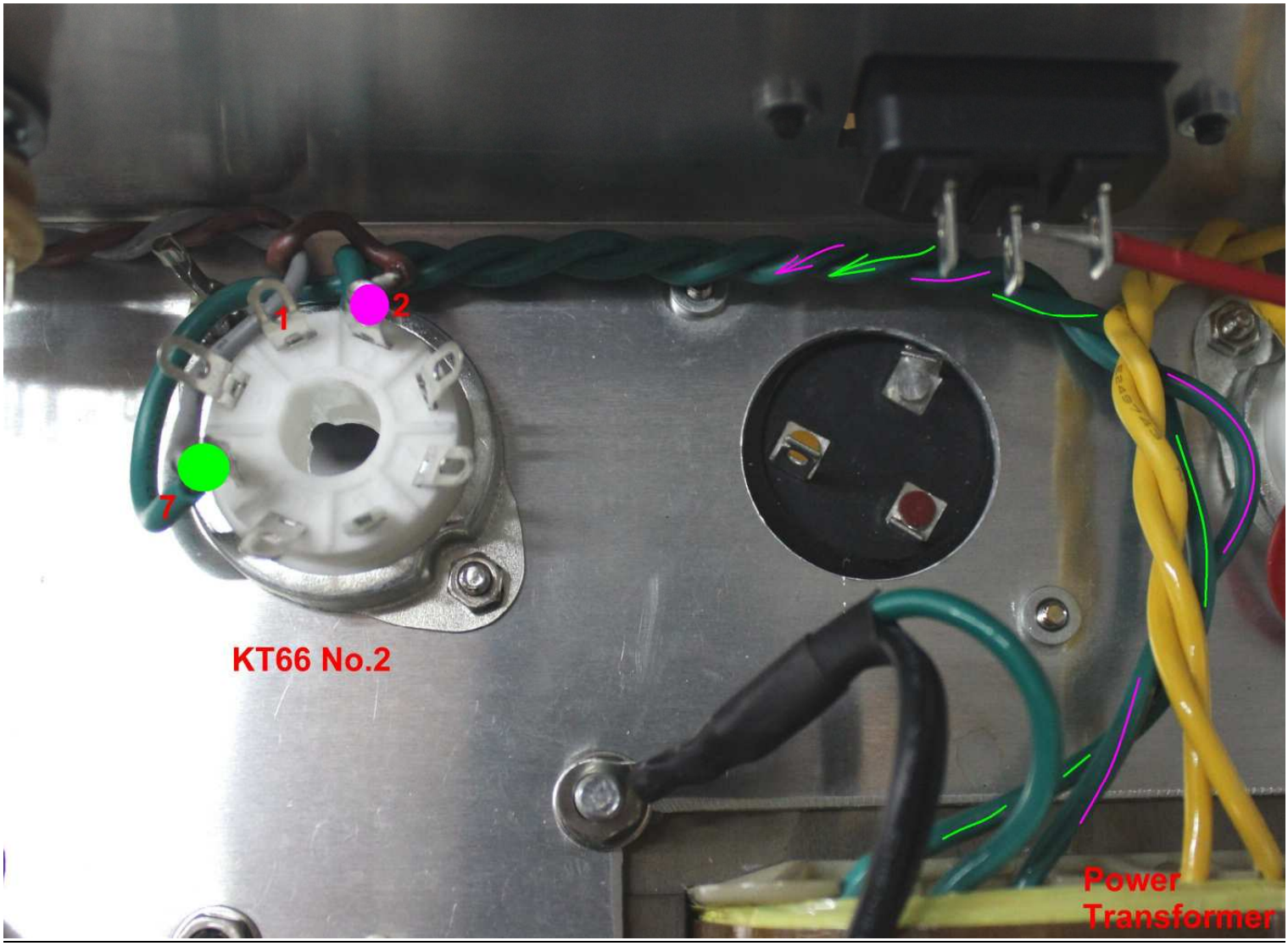
-use a pair of twisted wire to connect: (See below pic)

Pin4&5 of 12AX7 No.3 to Pin7 of KT66 No. to Pin7 of KT66 No.3; and

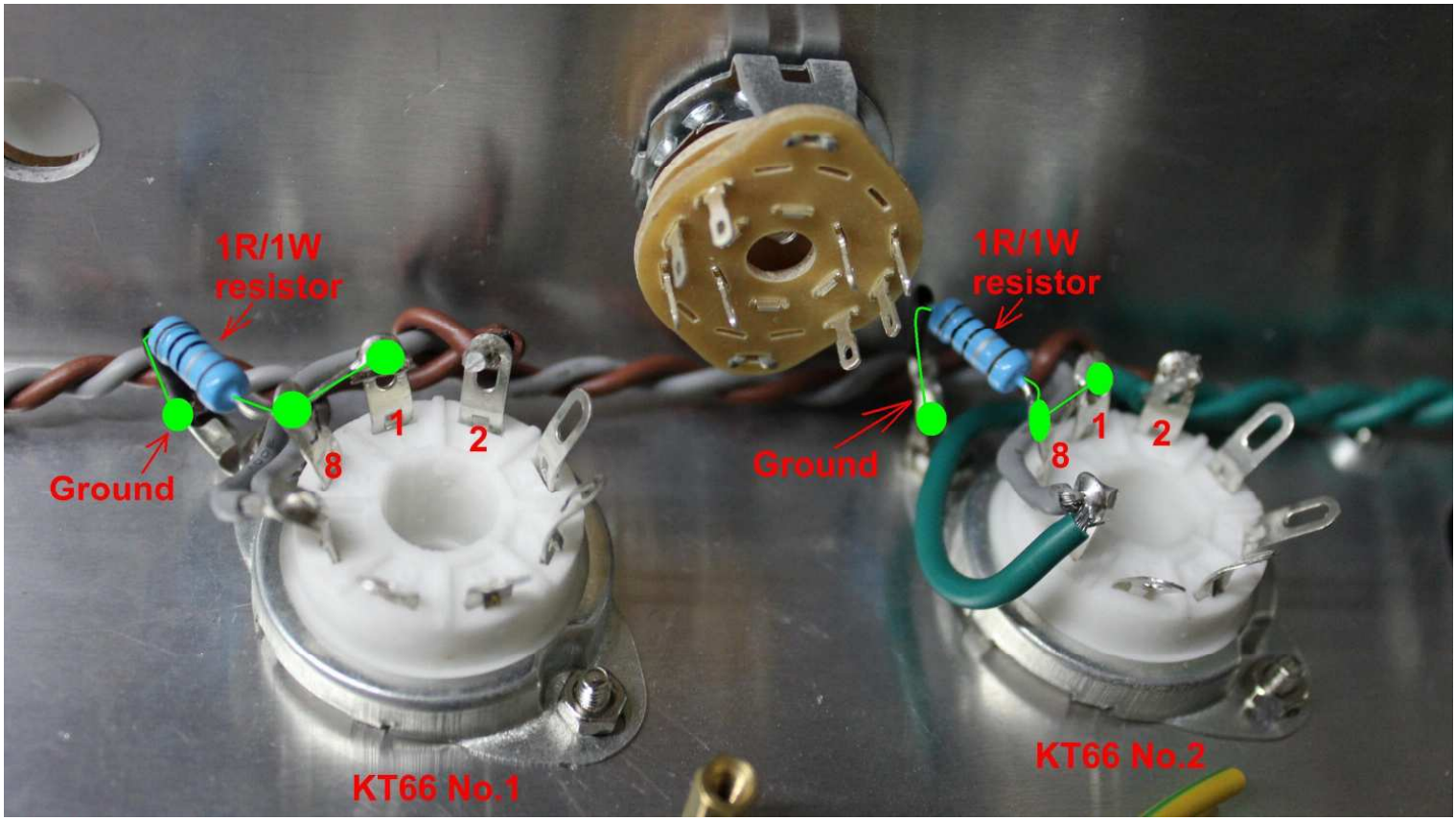
Pin9 of 12AX7 No.3 to Pin2 of KT66 No.1 to Pin2 of KT66 No.2.



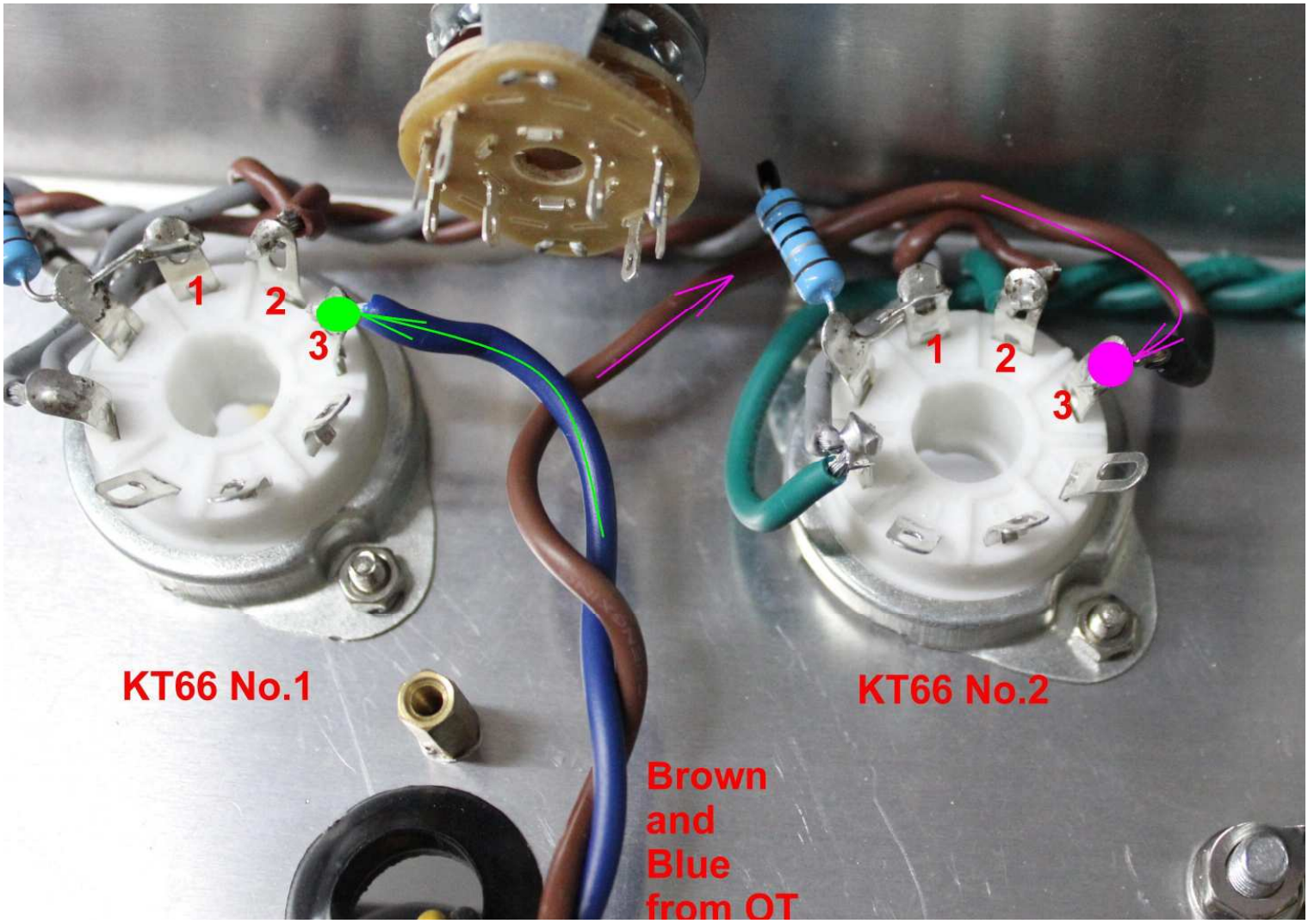
Twist and connect the 2 green filament wires from the power transformer to Pin2 and Pin7 of KT66 No.2. (see below pic)



Use a 1R/1W resistor to connect Pin1&Pin8 of KT66 No.1 and Pin1&Pin8 of KT66 No.2 to chassis ground. The tube socket mounting screw can work as a grounding point. (see below pic)



Connect the brown and blue wire to Pin3 of KT66 No.1 and Pin3 of KT66 No.2, see below pic:



Connect the Yellow, Green, and Grey wire from output transformer to Impedance Selector as follow: