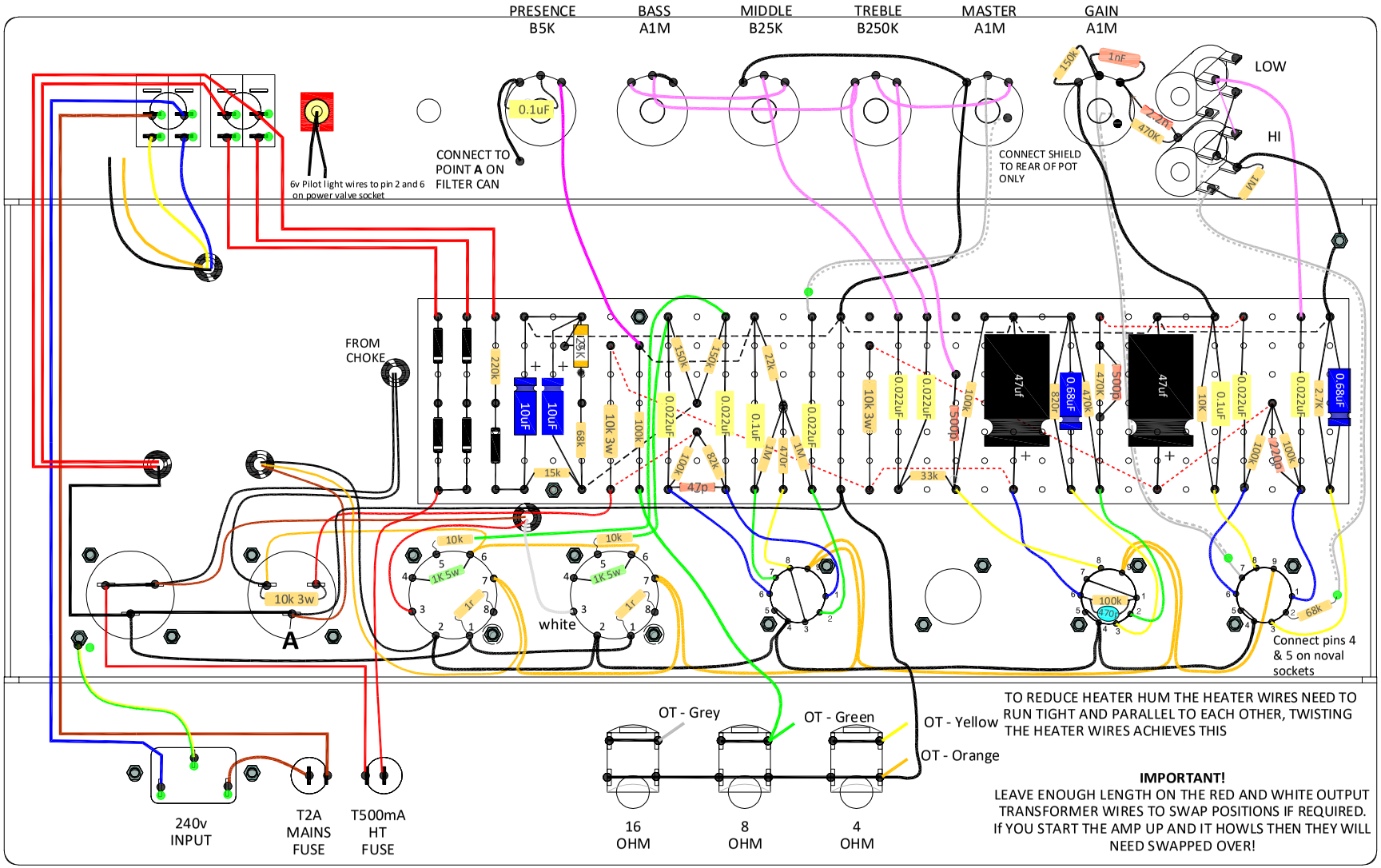
Modulus M.R. #34 - 50w Kit

POWER TRANSFORMER WIRING
YELLOW - 240V
ORANGE - 220V
BLACK - 117V
INSULATE AND TIE UP UNUSED WIRES

GREEN DOT MEANS THESE JOINTS/CONNECTIONS SHOULD BE COVERED IN HEAT SHRINK

SHIELDED CABLE - SHIELD SHOULD ONLY BE CONNECTED ONE END AS SHOWN



NOTES:

Cable Routing

-Cables shown twisted must be twisted together to reduce AC hum, the more uniform the twist the better.
-Keep the wires close to the chassis and following the routing shown closely, keeping wire length short also helps reduce unwanted noise.
- Connections on the Toggle Switches should be heat shrinked for safety.

Safety Ground:

- The Green/Yellow Mains wire must be mounted on a dedicated screw with lock nut or lock washer, do not mount this connection on a transformer bolt.
- The Green/Yellow wire should be longer than the Brown and Blue mains wire to ensure it stays connected if the mains cable is pulled on.

Circuit Ground:

The circuit is connected the chasssis at one point only. The chassis is a shield, not a conductor. Do not make any other circuit connections to the chassis without first understaning the ground loop potential

WARNING!

Valve Amplifiers have lethally high internal voltages, Filter capacitors store a charge that can cause electrocution even when the amp is off and unplugged.

IMPORTANT - DISCLAIMER

-Valve Amplifiers have lethally high internal voltages, As such the amp kit should only be built by a competent person or under the direct supervision of a competent person.
-This layout is not a step by step build guide.
-Using this layout does NOT result in a CE compliant amplifier that can be sold without restriction in the European Community.

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