

# Light Bulb Current Limiter



This workbench gadget allows you to connect a light bulb in **SERIES** with your amp. It will allow you to determine if your amp is drawing excessive current due to a shorted PT or filter caps, etc., without blowing fuses or smoking valuable components such as a PT. A dead short on the primary side of the PT will cause the bulb to glow at full brightness. Partial shorts or a short on the secondary side of the PT will show some increased level of brightness. A properly working amp will cause the bulb to glow fairly bright when first turned on, but will fade to a dimmer glow as the amp warms up.

The fancy version above includes a pushbutton switch that bypasses the outlet allowing you to see the lamp at full brightness. Once you have confidence that there is no high current drain from your amp, you should remove this gadget. Voltage measurements will be very low and probably meaningless while your amp is plugged into this gadget.

