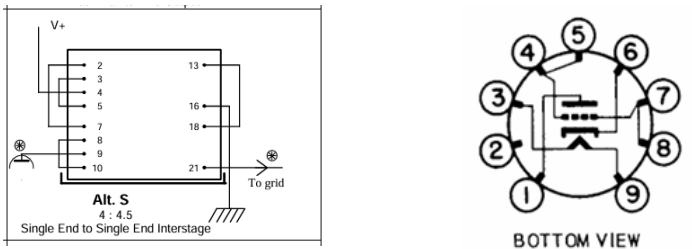
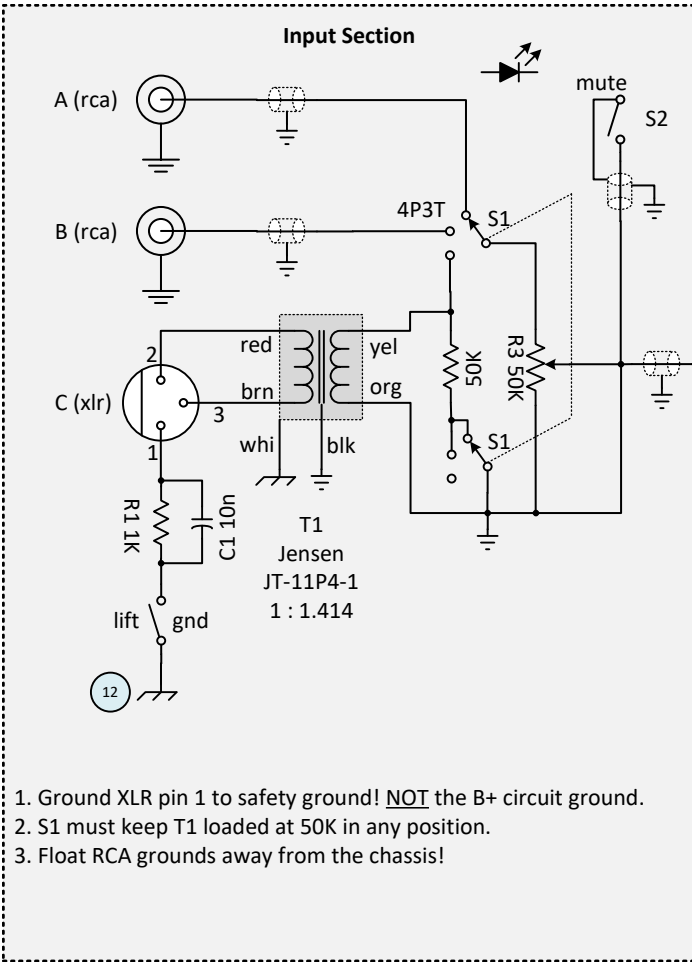


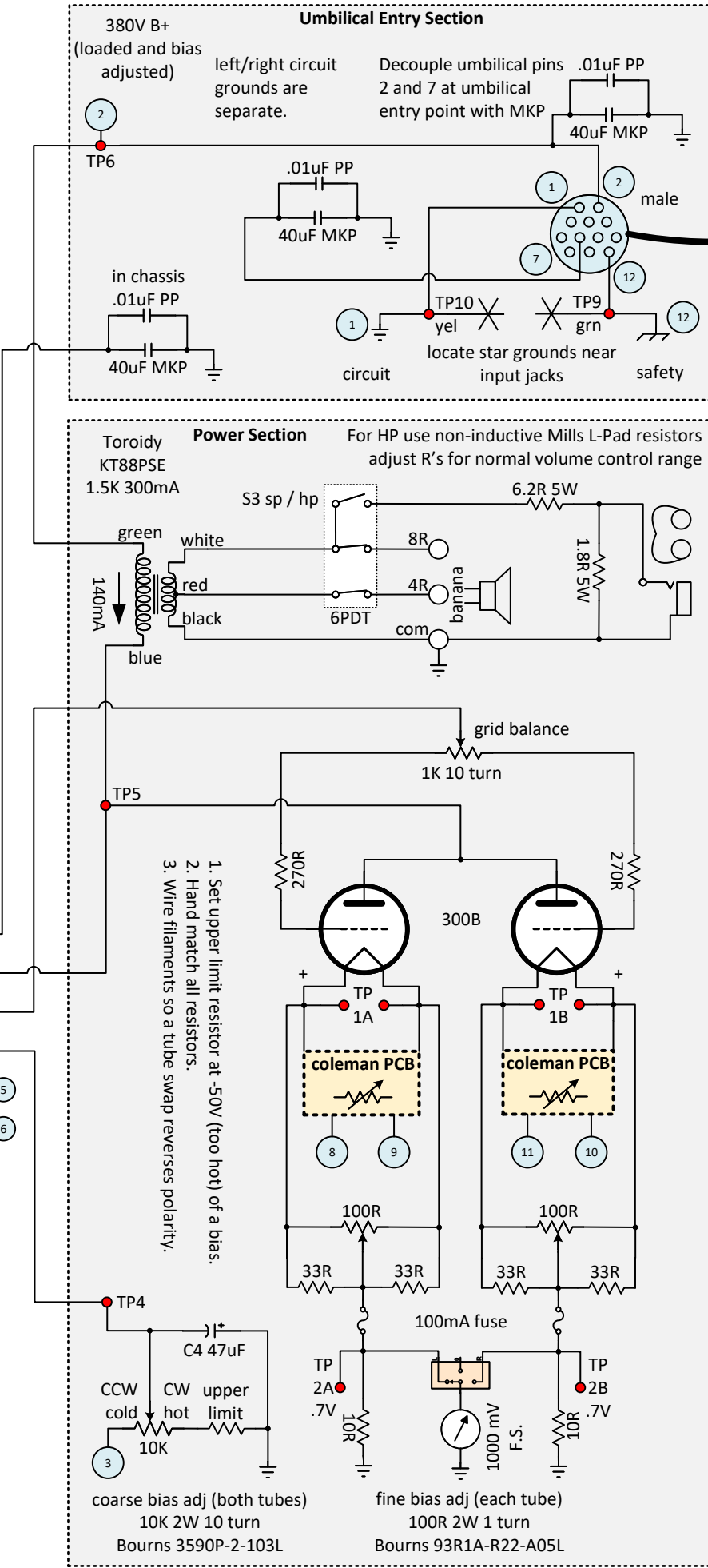
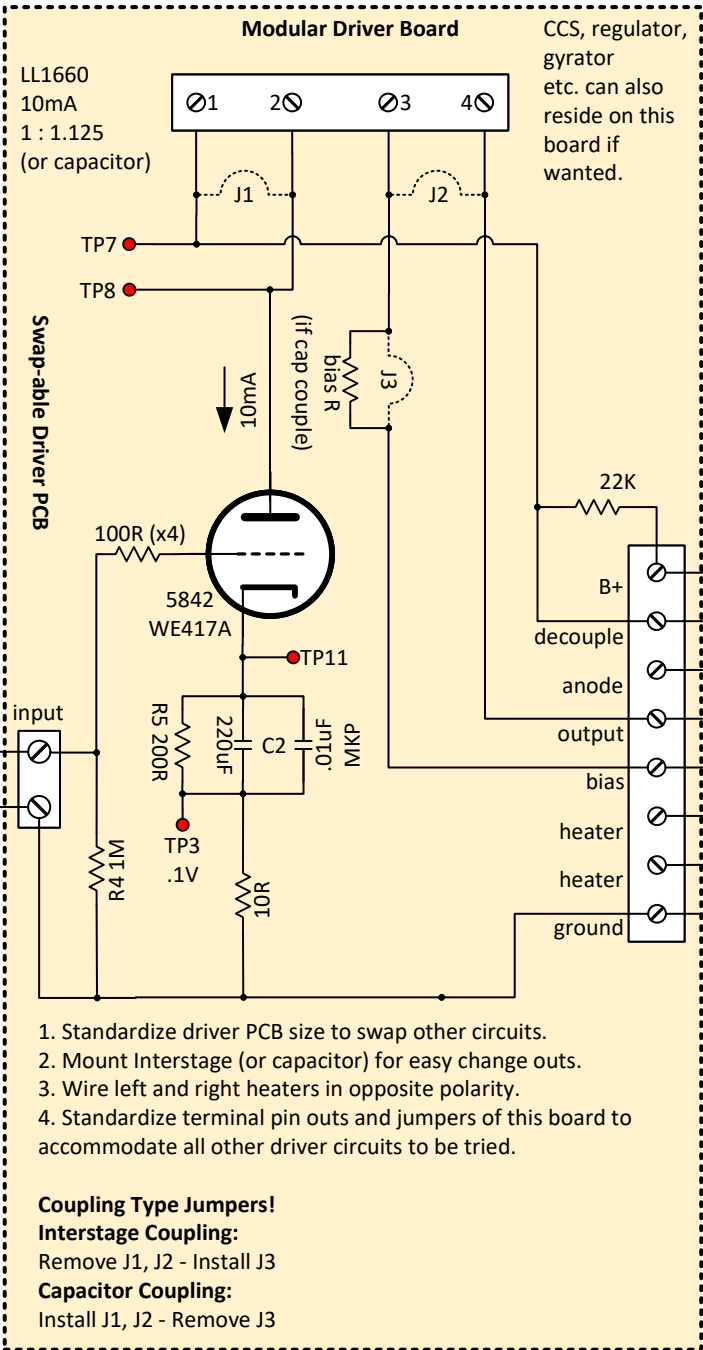
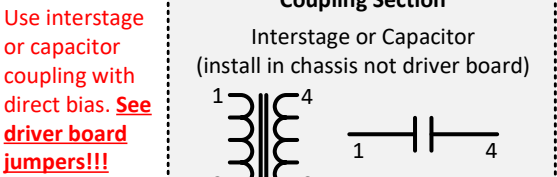
Test Point tip Jacks (in red):
TP1A – red/blk – 300B filament voltage 1
TP1B – red/blk – 300B filament voltage 2
TP2A – blu/yel – 300B pass current 1
TP2B – blu/yel – 300B pass current 2
TP3 – blu/yel – driver tube pass current
TP4 – blu/yel – bias voltage
TP5 – red/yel – 300B anode voltage
TP6 – red/yel – B+ voltage
TP7 – red/yel – driver B+ voltage
TP8 – red/yel – driver anode voltage
TP9 – grn chassis (mains) ground
TP10 – yel circuit ground
TP11 – driver cathode voltage

IT secondary or capacitor out side
IT primary or capacitor in side

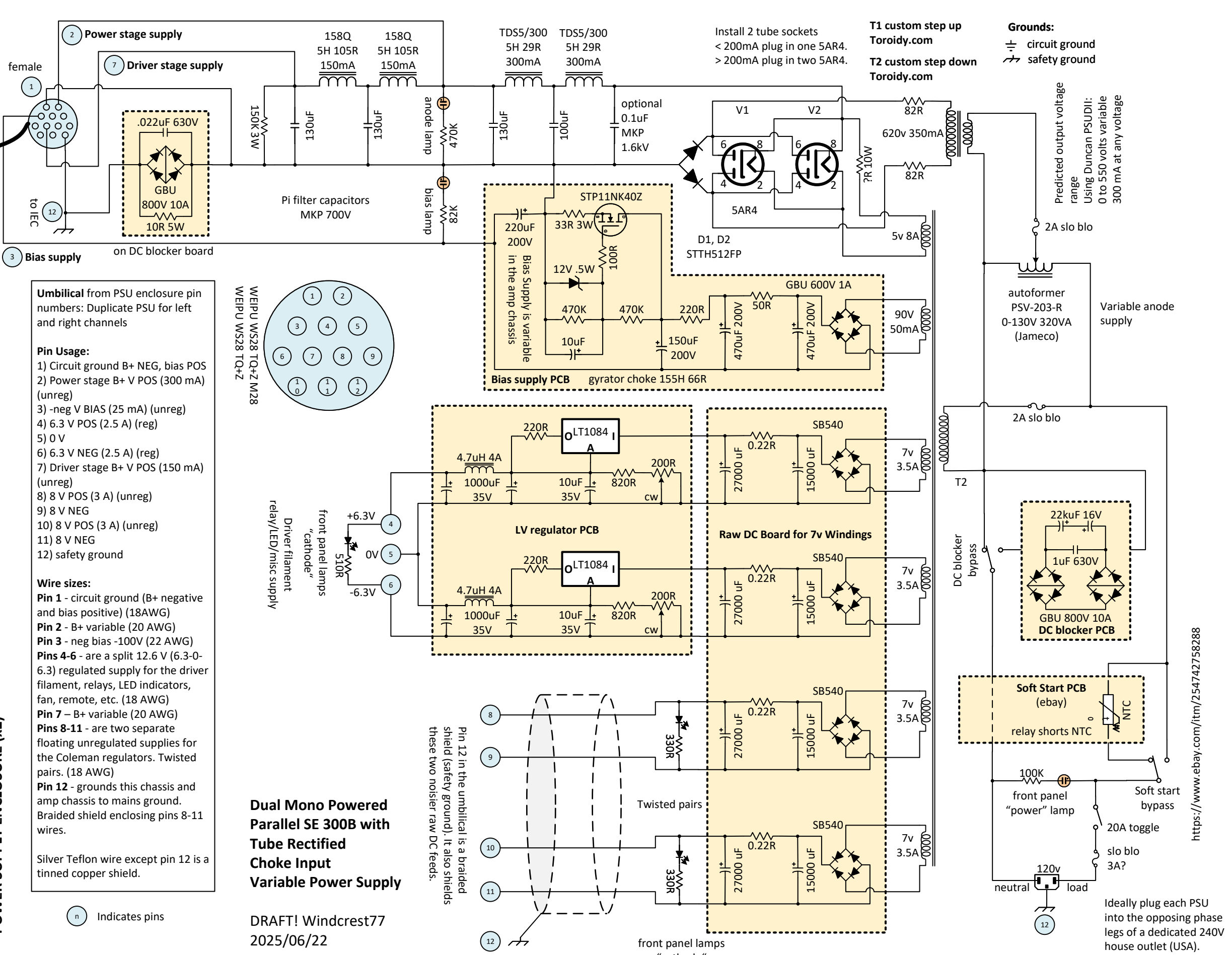
Calibration Procedure (verify this after buid):
TP6 – set PSU to 0V
TP4 – set coarse bias fully counter clockwise (max negative bias)
TP1A – set Coleman to 5V
TP1B – set Coleman to 5V
TP6 – set PSU to 380V
Set grid balance control to approximately middle
TP2A and TP2B – set coarse bias so these are nearly matched at .7V
TP2A and TP2B – set fine bias so these are nearly matched at .7V
Adjust grid balance control for nearest .7V match
TP6 – Verify that B+ is still 380, re-adjust variac to 380V if needed
Repeat above four steps to get .7V match at 380V B+
TP3 – verify driver current it should be about .1V
TP4 – verify bias voltage it should be about -85V (verify after)?
Verify all other test points for reasonableness



Switches:
S1 Input select
S2 Mute
S3 Spkr / Hdph
All switches are implemented with relays (except headphone switch). LED indicators powered from umbilical pins 4,6 12V.
PCB's shown in yellow all other wiring is point to point.



STEREO AMPLIFIER ENCLOSURE (x1)
POWER SUPPLY ENCLOSURE (x2)



<https://www.ebay.com/itm/254742758288>