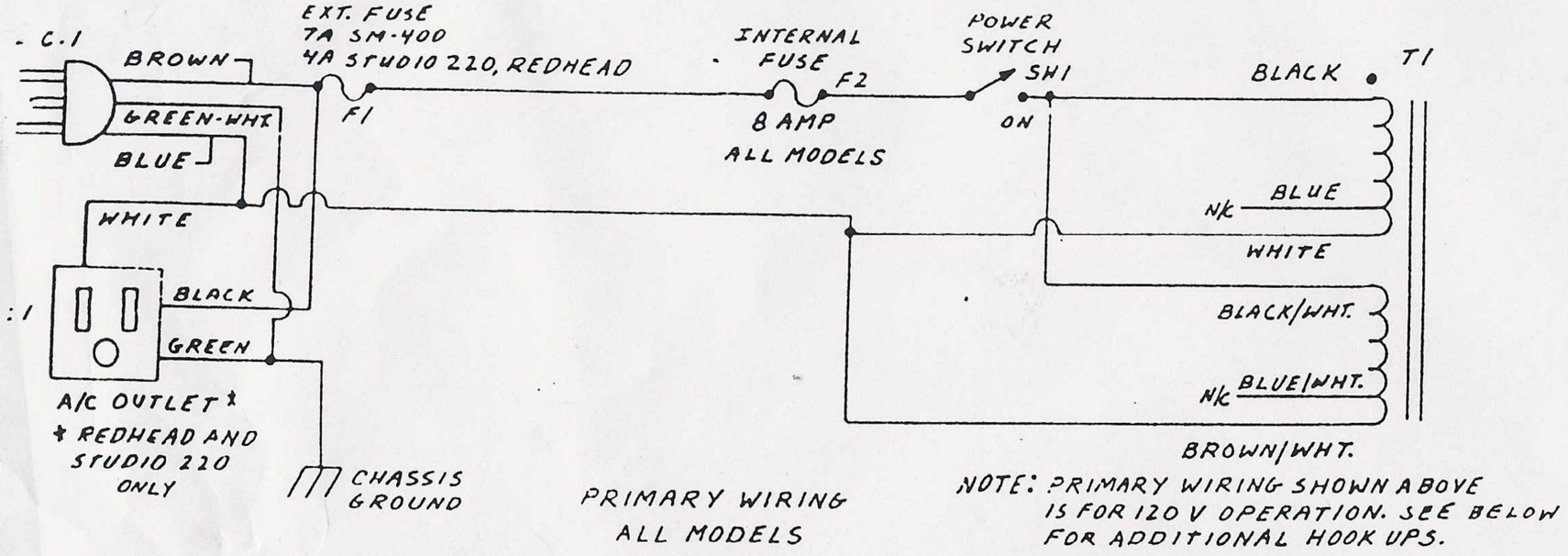
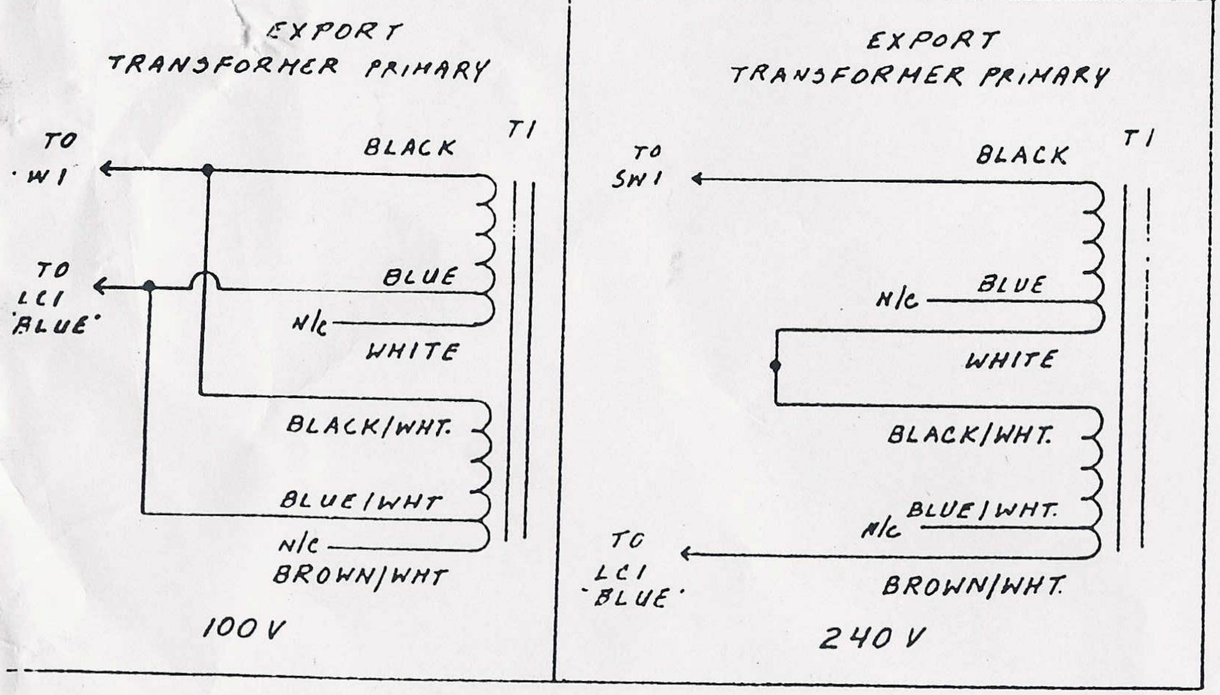


PRIMARY WIRING
ALL MODELS

NOTE: PRIMARY WIRING SHOWN ABOVE IS FOR 120 V OPERATION. SEE BELOW FOR ADDITIONAL HOOK UPS.

NOTES:

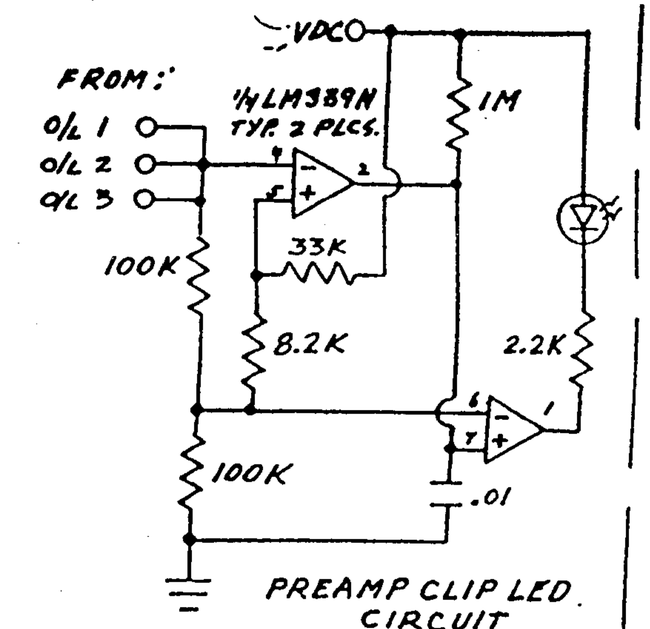
1. 'N/C' = NO CONNECTION
2. 'WHT' = WHITE
3. F1 FUSES ARE 3AG, SLO-BLO
4. F2 FUSES ARE 3AG, FAST BLO, PIGTAIL.
5. ALL PRIMARY WIRE UL TYPE 1015 OR 1007, 18 GA.
6. P/N FOR STUDIO 220 TRANSFORMER = 560001A. SM-400/REDHEAD = P/N 560003A.
   BABY/ELECTRIC BLUE = 560005
   GRAND PRIX PREAMP = 560006



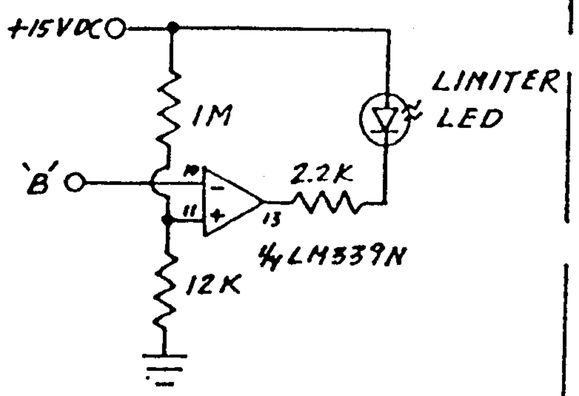
SWR ENGINEERING, INC.
12823 Foothill Blvd., Unit F
SYLMAR, CA 91342

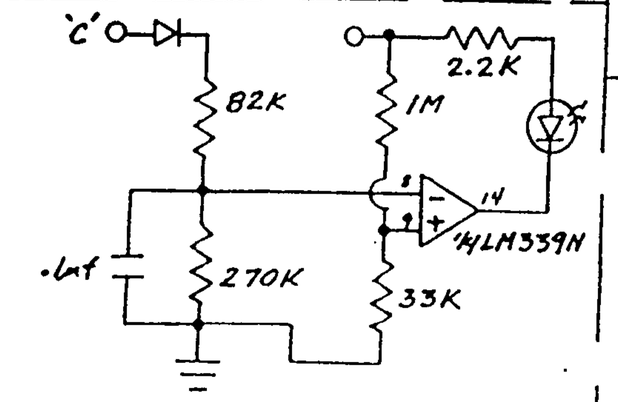
SCHEMATIC
PRIMARY WIRING
DOMESTIC + EXPORT
ALL MODELS

FEB. 22, 1990 DHN. S.W.R.
NO. 1001 REV. C

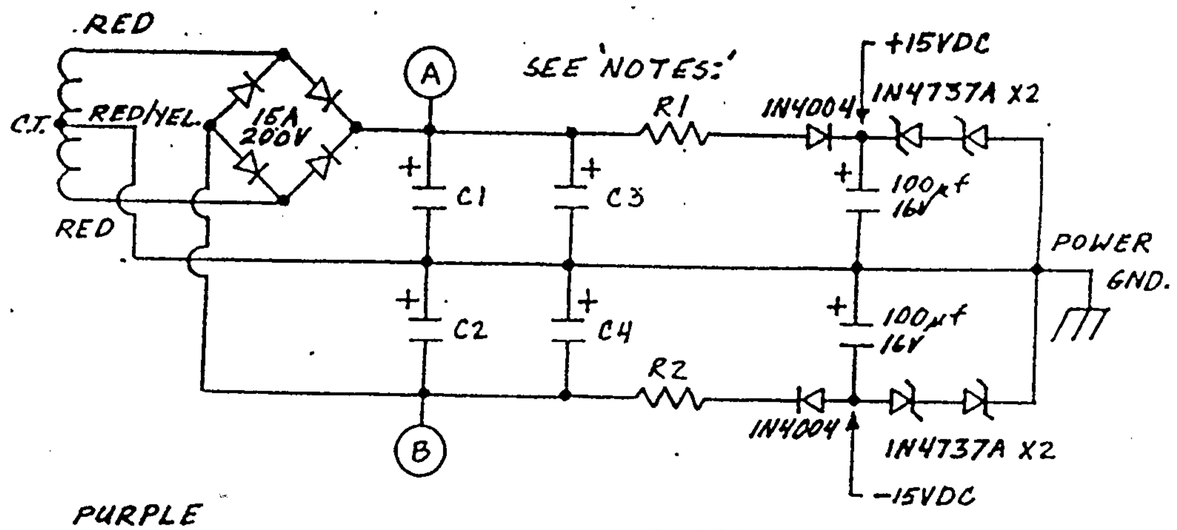


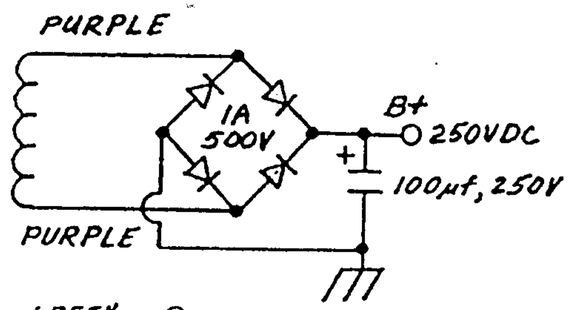
PREAMP CLIP LED CIRCUIT

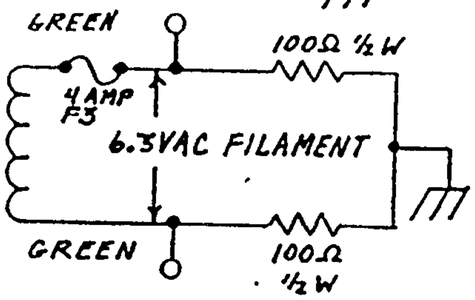




POWER AMP CLIP LED CIRCUIT
NOTE: NOT ON SM-400 OR G.T.P.

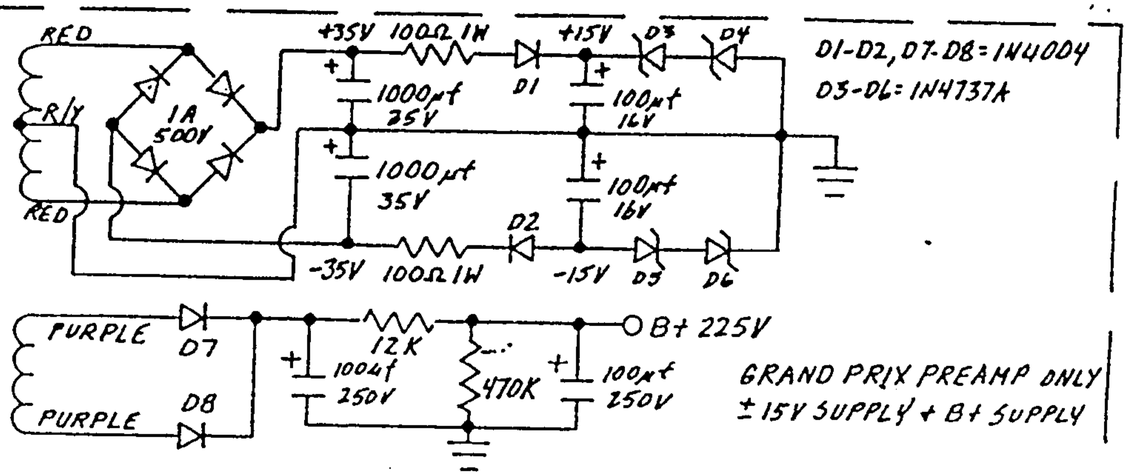






POWER SUPPLY CIRCUIT
TRANSFORMER SECONDARY WIRING REF.:
STUDIO 220 PCB# 170001
SM-400 PCB # 170003, 170004
BABY/ELECTRIC BLUE PCB# 170008
STEREO 800/SM-900 # 170011
BASSIC BLACK PCB # 170013

NOTES:
1. POINT 'A' = +DCV, POINT 'B' = -DCV
- G.T. PREAMP = ± 35V
- STUDIO 220, SM-400, REDHEAD, BABY/ELECTRIC BLUE = ± 60V
- STEREO 800, SM-900 = ± 75V
2. C1 THRU C4 VALUES
- G.T. PREAMP C1, C2 = 1000µf, 35V
- STUDIO 220, BABY/ELECTRIC BLUE C1, C2 = 4700µf, 63V C3, C4 = N/A
- SM-400, REDHEAD C1-C4 = 4700µf, 63V
- STEREO 800, SM-900 C1-C4 = 6800µf, 80V
- BASSIC BLACK C1, C2 = 4700µf 63V
3. R1 AND R2 VALUES
- GT PREAMP = 100Ω, 1W
- STUDIO 220, SM-400 = 660Ω, 3W
- REDHEAD, BABY/ELECTRIC BLUE, BASSIC BLACK = 820Ω, 3W
- STEREO 800 = 1.1K, 5W
- SM-900 = 550Ω, 10W



GRAND PRIX PREAMP ONLY
± 15V SUPPLY + B+ SUPPLY

SWR ENGINEERING, INC.
12823 Foothill Blvd. Unit F
SYLMAR, CALIFORNIA 91342

SCHEMATIC
- SECONDARY WIRING
- PREAMP/POWER CLIP CIRC.
- ALL MODELS

REV. C NO. 1002
DRAWN: S.W. RABE FEB. 6, 1991