

ADDITIONAL

 **PIONEER®**

Service Manual

STEREO AMPLIFIER

SA-410^{HE}_{HB}

MODEL SA-410 COMES IN FIVE VERSIONS DISTINGUISHED AS FOLLOWS:

Type	Voltage	Remarks
KU	120V only	U.S.A. model
S	110V, 120V, 220V and 240V (Switchable)	General export model
HE	220V and 240V	Europe model
HB	220V and 240V	United Kingdom model
YP	240V only	Australia model

- This additional service manual is applicable to the HE and HB types.
- The basic performance of the SA-410/HE and HB types are the same as the SA-410/KU type. Please refer to the SA-410/KU service manual <ART-480> with exception of this supplement.

1. SPECIFICATIONS

The specifications for SA-410/HE and HB types are the same as the SA-410/KU type except for following section;

Miscellaneous

Power Requirements

HE type 220V, 240V, 50/60Hz
HB type 220V, 240V, 50/60Hz

Power Consumption

HE, HB types 140W

Weight (without package) 5dg (11 lb)

Hum and Noise (DIN continuous power/50mW)

PHONO. 67dB/61dB

TUNER, AUX, TAPE PLAY 83dB/63dB

PIONEER ELECTRONIC CORPORATION 4-1, Meguro 1-Chome, Meguro-ku, Tokyo 153, Japan
U.S. PIONEER ELECTRONICS CORPORATION 85 Oxford Drive, Moonachie, New Jersey 07074, U.S.A.
PIONEER ELECTRONIC (EUROPE) N.V. Luthagen-Haven 9, 2030 Antwerp, Belgium
PIONEER ELECTRONICS AUSTRALIA PTY. LTD. 176-184 Boundary Road, Braeside, Victoria 3195, Australia

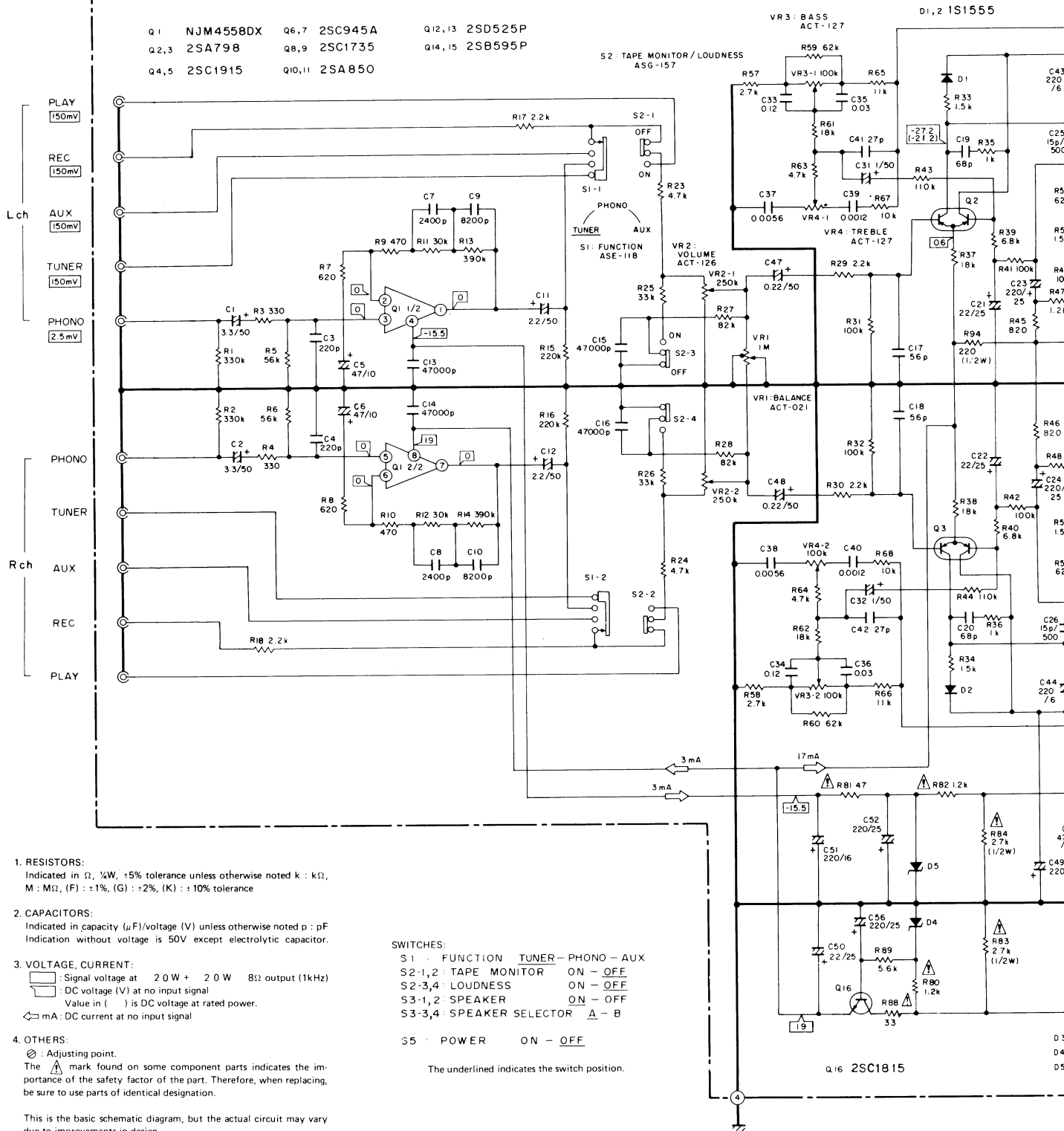
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3. SCHEMATIC DIAGRAM FOR HE AND HB TYPES

AF AMP Ass'y GWK-149



This is the basic schematic diagram, but the actual circuit may vary due to improvements in design.



4. P.C. BOARD CONNECTION DIAGRAM FOR HE TYPE

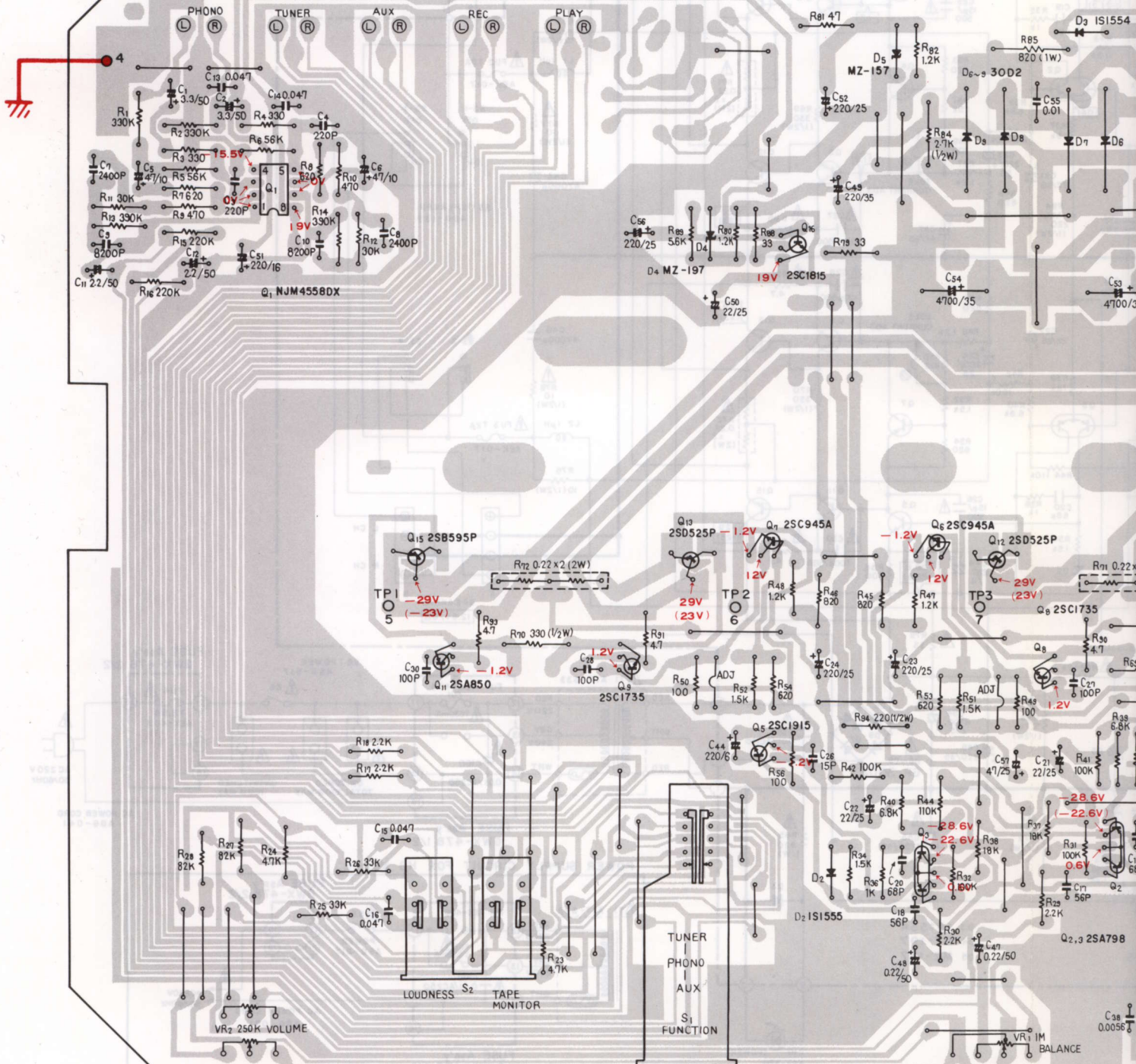
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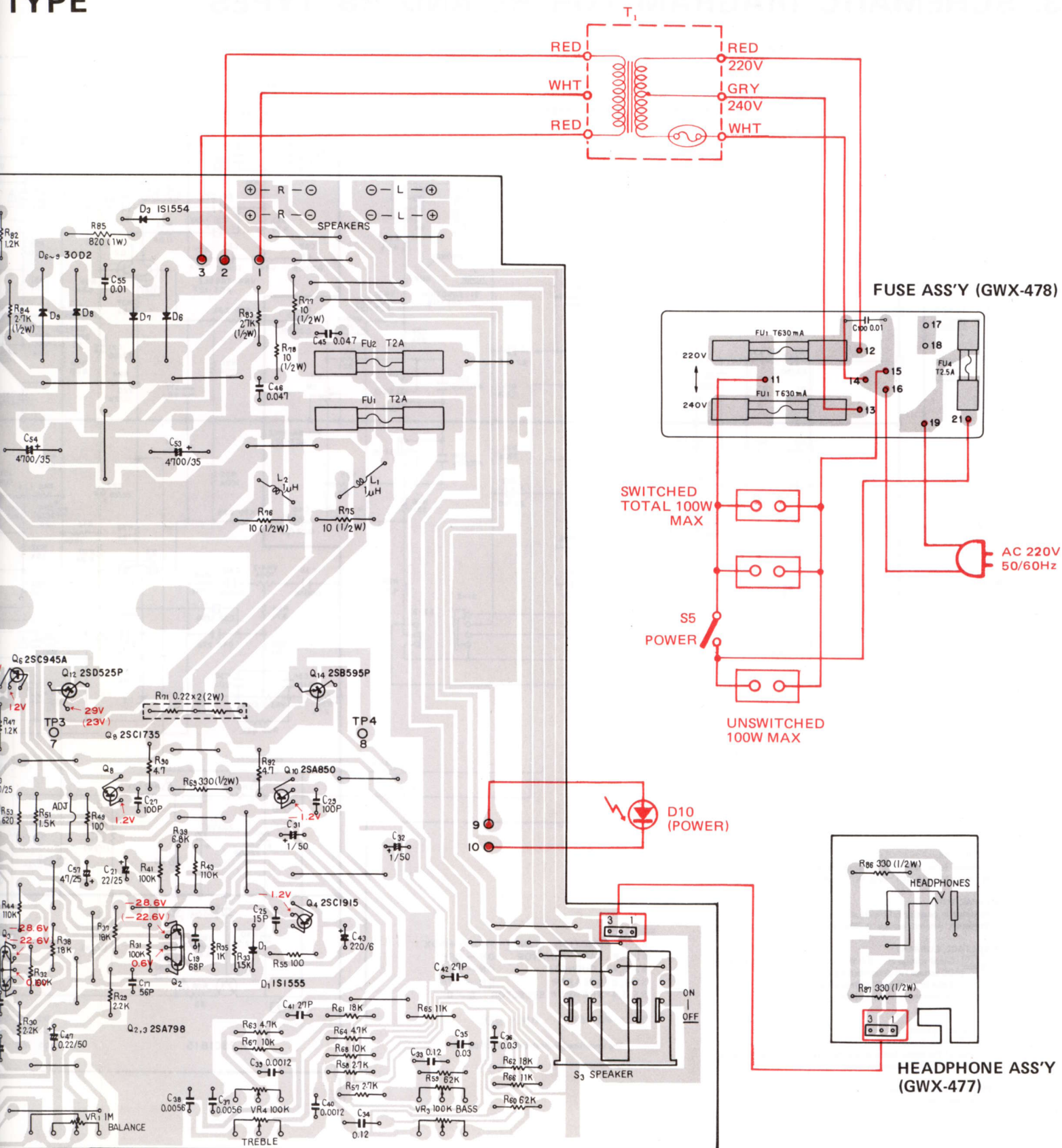
C

D

AF AMP ASS'Y (GWK-149)



TYPE



6. LINE VOLTAGE SELECTION

Line voltage can be changed with following steps.

1. Disconnect the AC power cord.
2. Remove the bonnet cover.
3. Take out the fuse from the fuse assembly.
4. Re-install the fuse in the correct voltage indication (see Fig. 1).
5. Stick the line voltage label on the rear panel.

Part No.	Description
AAX-193	220V label
AAX-192	240V label

