

ADDITIONAL

**PIONEER®**

# Service Manual

STEREO AMPLIFIER

## SA-510 HE HB

- This additional service manual is applicable to the HE and HB types.
- The basic performance of the SA-510/HE and HB types are the same as the SA-510/KU type. Please refer to the SA-510/KU service manual <ART-479> with exception of this supplement.

Model SA-510/HB      For United Kingdom model  
Model SA-510/HE      For Europe continent model

## 1. SPECIFICATIONS

### Amplifier Section

Continuous Power Output at 1kHz (both channels driven)  
T.H.D. 0.03%, 8 ohms . . . . .33 watts per channel  
Hum and Noise (DIN, continuous Power/50mW) \*  
PHONO. . . . .68dB/58dB  
TUNER, AUX, TAPE PLAY 1, 2 . . . . .85dB/60dB

### Miscellaneous

Power Requirements . . . . . 220V/240V (Selectable)  
50/60Hz  
Power Consumption . . . . .220W

### 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  |

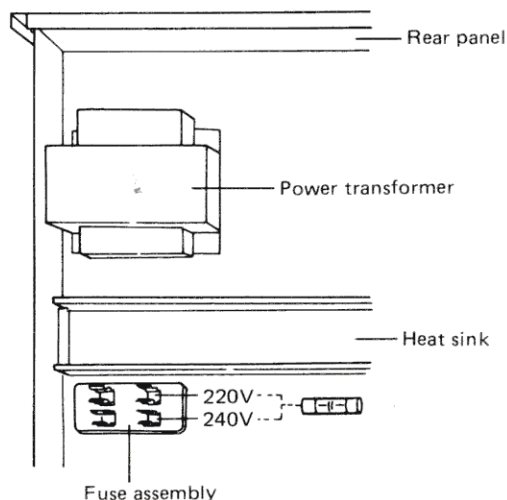
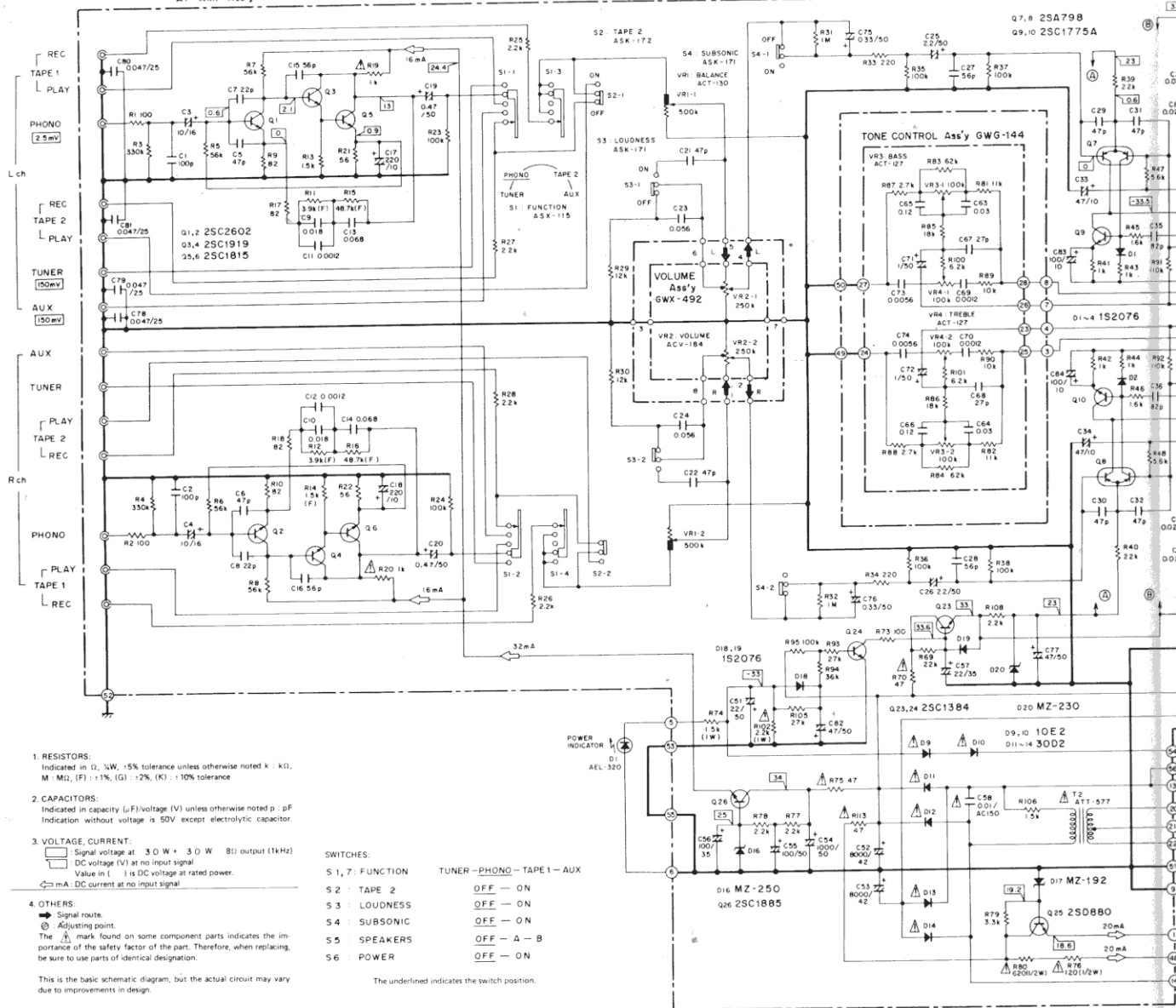


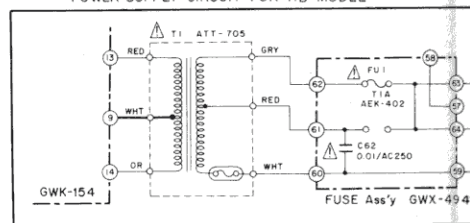
Fig. 1

# 3. SCHEMATIC DIAGRAMS FOR HE AND HB TYPES

AF AMP Ass'y (1/2) GWK-154

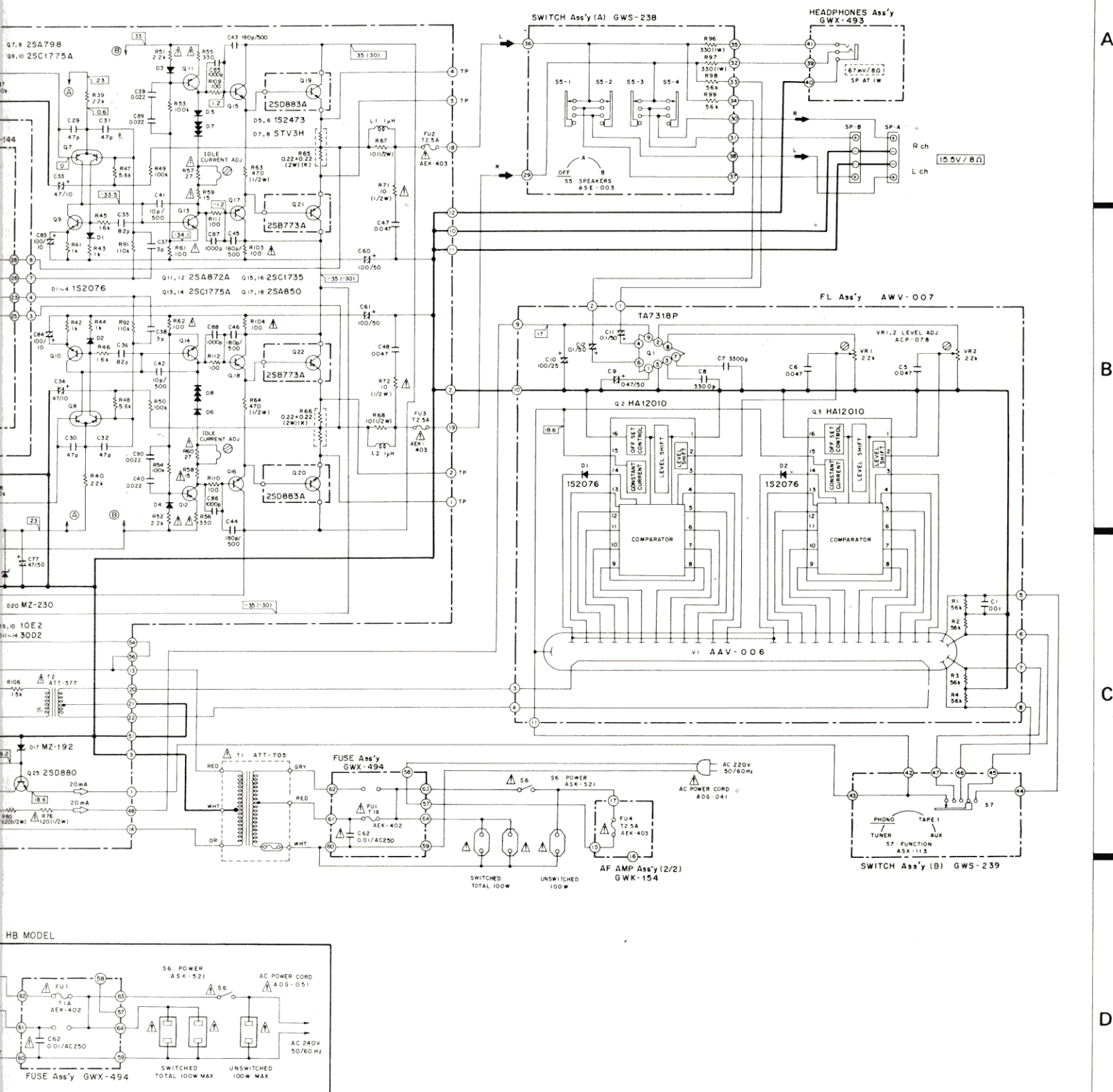


POWER SUPPLY CIRCUIT FOR HB MODEL



**E**

*The indicated semiconductors are representative ones only. Other alternative semiconductors may be used and are listed in the parts list.*



D