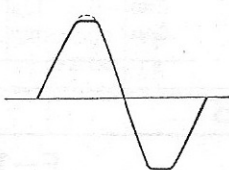


# ALIGNMENT

## OUTPUT ALIGNMENT OF REAR-CHANNEL POWER AMPLIFIER

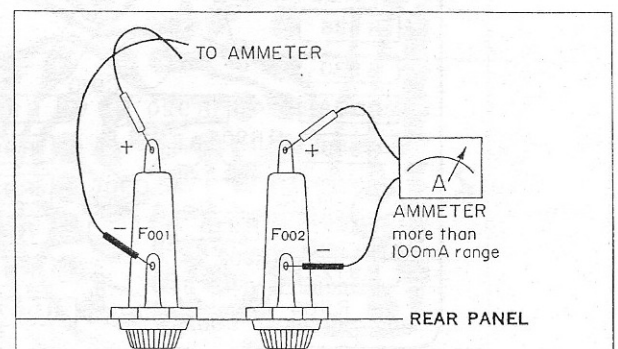
| STEP | CONNECT/ADJUST                                                                                                      | REMARKS                                                                                                                                        |
|------|---------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.   | Turn the Rear Volume Control fully counterclockwise.                                                                |                                                                                                                                                |
| 2.   | Set an oscillator to 1kHz, then connect it to 4 CHANNEL TAPE MON rear left-channel input terminal.                  | Use oscillator with output capacity greater than 200mV. Set all three Balance Controls in center and turn up master Volume Control to maximum. |
| 3.   | Push down 4 Channel Tape Monitor Switch.                                                                            |                                                                                                                                                |
| 4.   | Connect an 8-ohm (or 16-ohm) resistor (minimum rating of 50 watts) to SYSTEM A rear left-channel speaker terminals. |                                                                                                                                                |
| 5.   | Connect an oscilloscope to the same speaker terminal.                                                               |                                                                                                                                                |
| 6.   | Set Power/Rear Speakers Switch to "SYSTEM A" position.                                                              |                                                                                                                                                |
| 7.   | Turn Rear Volume Control slowly clockwise.                                                                          |                                                             |
| 8.   | Adjust VR <sub>801</sub> so that both peaks of output, wave form are clipped simultaneously.                        |                                                                                                                                                |
| 9.   | For rear right-channel, repeat above procedure, but adjust VR <sub>803</sub> in step 8.                             |                                                                                                                                                |

## CURRENT ALIGNMENT OF REAR-CHANNEL POWER AMPLIFIER

| STEP | CONNECT/ADJUST                                                              | REMARKS                                                                                  |
|------|-----------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| 1.   | Remove F <sub>001</sub> and F <sub>002</sub>                                |                                                                                          |
| 2.   | Turn VR <sub>802</sub> and VR <sub>804</sub> fully counterclockwise         |                                                                                          |
| 3.   | Turn on Power/Rear Speakers Switch.                                         |                                                                                          |
| 4.   | Connect ammeter (tester) where F <sub>001</sub> was (Refer to Fig. 1.)      | Be sure power is turned on before connecting ammeter. Set ammeter to its 50-100mA range. |
| 5.   | Turn VR <sub>802</sub> slowly clockwise until ammeter shows 15-20mA.        |                                                                                          |
| 6.   | Turn off power, then replace F <sub>001</sub> .                             |                                                                                          |
| 7.   | Turn on power again.                                                        |                                                                                          |
| 8.   | Now, connect ammeter (tester) where F <sub>002</sub> was (Refer to Fig. 1.) | Same as step 4.                                                                          |
| 9.   | Turn VR <sub>804</sub> slowly clockwise until ammeter shows 15-20mA.        |                                                                                          |
| 10.  | Turn off power, then replace F <sub>002</sub> .                             |                                                                                          |

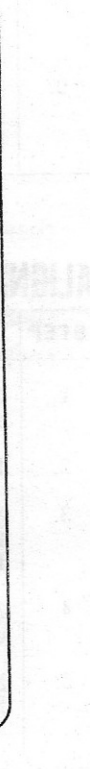
## ALIGNMENT OF VU METERS

| STEP | CONNECT/ADJUST                                                                                                                                                  |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.   | Set your QS-500's three Balance Controls at respective center positions.                                                                                        |
| 2.   | Push down 4 Channel Tape Monitor Switch.                                                                                                                        |
| 3.   | Set a low-frequency oscillator to 1kHz, 775mV, then connect it to 4 CHANNEL TAPE MON front left-channel input terminal.                                         |
| 4.   | Adjust VR <sub>501</sub> so that front left-channel VU meter swings to "0".                                                                                     |
| 5.   | Make same adjustments with VR <sub>502</sub> , VR <sub>503</sub> , VR <sub>504</sub> for front right, rear left and rear right channel VU meters, respectively. |



(Fig. 1) QUICK-ACTING FUSE HOLDER

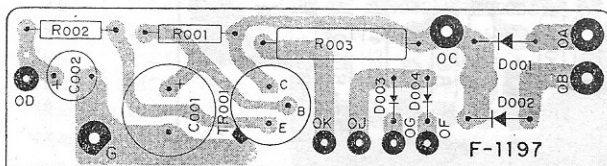
| W     |      |
|-------|------|
| R928  | 3.3k |
| R929  | 3.3k |
| R930  | 3.3k |
| R931  | 12k  |
| R932  | 12k  |
| R933  | 3.9k |
| R934  | 3.9k |
| R935  | 3.9k |
| R936  | 3.9k |
| R937  | 39k  |
| R938  | 39k  |
| R939  | 18k  |
| R940  | 18k  |
| R945  | 120  |
| R946  | 120  |
| R951  | 68k  |
| R952  | 68k  |
| R981  | 82k  |
| R982  | 82k  |
| R983  | 820  |
| R984  | 820  |
| VR901 | }    |
| VR902 |      |
| C901  | 1    |
| C902  | 1    |
| C903  | 10   |
| C904  | 10   |

[illegible]

| W                     | X                   | Y            | Z      |
|-----------------------|---------------------|--------------|--------|
| C905                  | 1 $\mu$ F           | 0515109      | 2C     |
| C906                  | 1 $\mu$ F           | 0515109      | 2A     |
| C907                  | 4.7 $\mu$ F         | 0513479      | 2C     |
| C908                  | 4.7 $\mu$ F         | 0513479      | 2A     |
| C909                  | 1 $\mu$ F           | 0515109      | 2C     |
| C910                  | 1 $\mu$ F           | 0515109      | 2A     |
| C911                  | 0.047 $\mu$ F       | 0601477      | 2C     |
| C912                  | 0.022 $\mu$ F       | 0601227      | 2A     |
| C913                  | 0.0033 $\mu$ F      | 0601336      | 1C     |
| C914                  | 0.0033 $\mu$ F      | 0601336      | 1A     |
| C915                  | 0.047 $\mu$ F       | 0601477      | 2B     |
| C916                  | 0.047 $\mu$ F       | 0601477      | 1A, 2B |
| C923                  | 1 $\mu$ F           | 0515109      | 1B     |
| C924                  | 1 $\mu$ F           | 0515109      | 1B     |
| TR901                 | XA495BL (C, D)      | 0300162, 3   | 2C     |
| TR902                 |                     | 0300162, 3   | 2A     |
| TR903                 | 2SC1000 (GR, BL, Y) | 0305880, 1,2 | 2C     |
| TR904                 |                     | 0305880, 1,2 | 2A     |
| TR905                 |                     | 0305880, 1,2 | 2C     |
| TR906                 |                     | 0305880, 1,2 | 2A     |
| TR907                 |                     | 0305880, 1,2 | 1C     |
| TR908                 |                     | 0305880, 1,2 | 1A     |
| MODULE <sub>901</sub> | Compound Circuits   | 0820070      | 1C     |
| MODULE <sub>902</sub> |                     | 0820070      | 1A     |
| MPL901                | MCL-706             | 0920030, 1   | 1B     |
| MPL902                |                     | or 0920040   | 1B     |

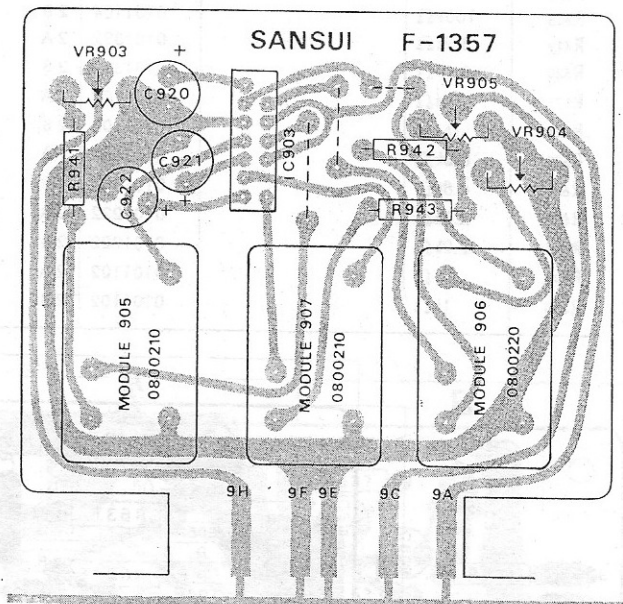
## RIPPLE FILTER <F-1197A>

| W     | X                     | Y          |
|-------|-----------------------|------------|
| R001  | 12k $\Omega$          | 0111123    |
| R002  | 6.8 $\Omega$          | 0111689    |
| C001  | 220 $\mu$ F 75V EC.   | 0519302    |
| C002  | 4.7 $\mu$ F 160 V EC. | 0518479    |
| TR001 | 2SC627 (1, 2)         | 0305580, 1 |
| D001  | SA-2Z                 | 0310420    |
| D002  |                       | 0310420    |



## OSCILLATOR <F-1357>

| W                     | X                    | Y       |
|-----------------------|----------------------|---------|
| R941                  | 39k $\Omega$         | 0101393 |
| R942                  | 150k $\Omega$        | 0101154 |
| R943                  | 120k $\Omega$        | 0101124 |
| VR903                 | 50k $\Omega$ (B)     | 1031132 |
| VR904                 |                      | 1031132 |
| VR905                 |                      | 1031132 |
| C920                  | 100 $\mu$ F          | 0510101 |
| C921                  | 100 $\mu$ F          | 0510101 |
| C922                  | 100 $\mu$ F          | 0510101 |
| IC903                 | Hybrid IC            | 0820041 |
| MODULE <sub>905</sub> | CR Compound Circuits | 0800210 |
| MODULE <sub>906</sub> |                      | 0800220 |
| MODULE <sub>907</sub> |                      | 0800210 |



### Abbreviations

- CR : Carbon Resistor
- SR : Solid Resistor
- CeR : Cement Resistor
- EC : Electrolytic Capacitor
- MC : Mylar Capacitor
- CC : Ceramic Capacitor
- OC : Oil Capacitor

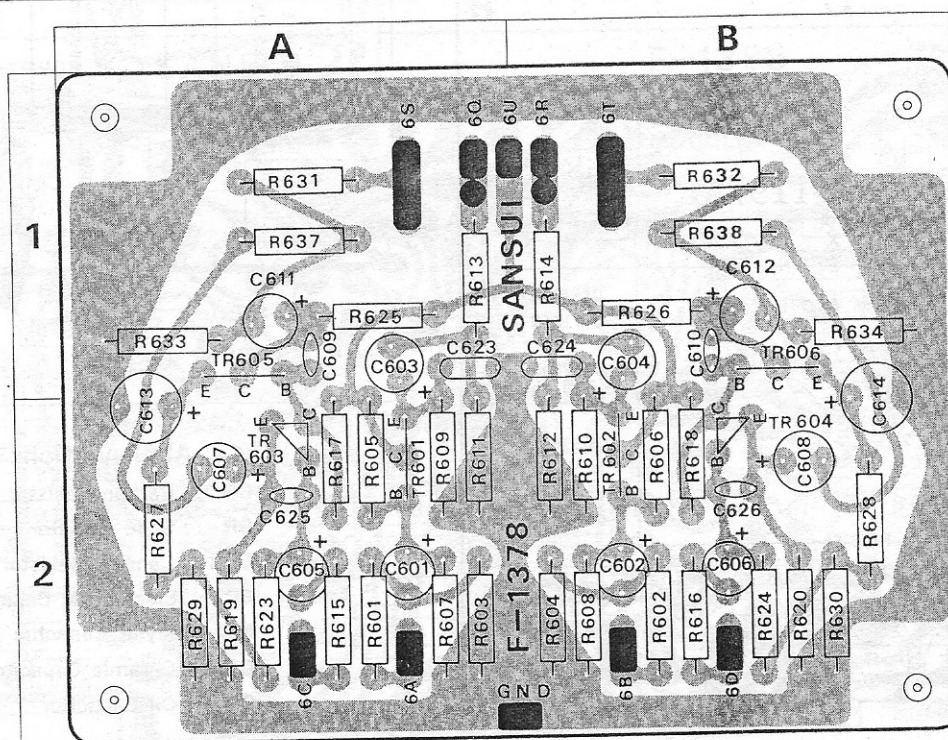
# PRINTED CIRCUIT BOARDS AND PARTS LIST

**W:** Parts No.    **X:** Parts Name    **Y:** Stock No.    **Z:** Position of Parts

BUFFER AMP. <F-1378>

| W    | X             | Y       | Z   |
|------|---------------|---------|-----|
| R601 | 2.2k $\Omega$ | 0101222 | 2 A |
| R602 | 2.2k $\Omega$ | 0101222 | 2 B |
| R603 | 470k $\Omega$ | 0101474 | 2 A |
| R604 | 470k $\Omega$ | 0101474 | 2 B |
| R605 | 470k $\Omega$ | 0101474 | 2 A |
| R606 | 470k $\Omega$ | 0101474 | 2 B |
| R607 | 220k $\Omega$ | 0101224 | 2 A |
| R608 | 220k $\Omega$ | 0101224 | 2 B |
| R609 | 6.8k $\Omega$ | 0101682 | 2 A |
| R610 | 6.8k $\Omega$ | 0101682 | 2 B |
| R611 | 100k $\Omega$ | 0101104 | 2 A |
| R612 | 100k $\Omega$ | 0101104 | 2 B |
| R613 | 470 $\Omega$  | 0101471 | 1 A |
| R614 | 470 $\Omega$  | 0101471 | 1 B |
| R615 | 2.2k $\Omega$ | 0101222 | 2 A |
| R616 | 2.2k $\Omega$ | 0101222 | 2 B |
| R617 | 100k $\Omega$ | 0101104 | 2 A |
| R618 | 100k $\Omega$ | 0101104 | 2 B |
| R619 | 3.9k $\Omega$ | 0101392 | 2 A |
| R620 | 3.9k $\Omega$ | 0101392 | 2 B |
| R623 | 1M $\Omega$   | 0101105 | 2 A |
| R624 | 1M $\Omega$   | 0101105 | 2 B |
| R625 | 6.8k $\Omega$ | 0101682 | 1 A |
| R626 | 6.8k $\Omega$ | 0101682 | 1 B |
| R627 | 2.2k $\Omega$ | 0101222 | 2 A |
| R628 | 2.2k $\Omega$ | 0101222 | 2 B |
| R629 | 1k $\Omega$   | 0101102 | 2 A |
| R630 | 1k $\Omega$   | 0101102 | 2 B |

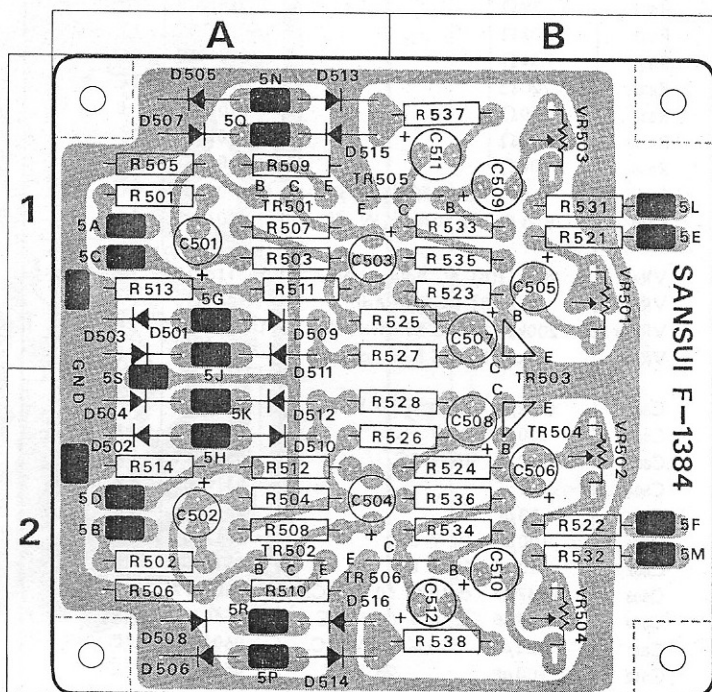
| W     | X                           | Y          | Z  |
|-------|-----------------------------|------------|----|
| R631  | 470Ω                        | 0101471    | 1A |
| R632  | 470Ω                        | 0101471    | 1B |
| R633  | 47kΩ                        | 0101473    | 1A |
| R634  | 47kΩ                        | 0101473    | 1B |
| R637  | 2.7kΩ                       | 0101272    | 1A |
| R638  | 2.7kΩ                       | 0101272    | 1B |
|       | $\pm 10\% \frac{1}{4}W$ CR. |            |    |
| C601  | 1μF                         | 0515109    | 2A |
| C602  | 1μF                         | 0515109    | 2B |
| C603  | 10μF                        | 0513100    | 1A |
| C604  | 10μF                        | 0513100    | 1B |
| C605  | 1μF                         | 0515109    | 2A |
| C606  | 1μF                         | 0515109    | 2B |
| C607  | 33μF                        | 0511330    | 2A |
| C608  | 33μF                        | 0511330    | 2B |
| C609  | 330pF                       | 0660331    | 1A |
| C610  | 330pF                       | 0660331    | 1B |
| C611  | 10μF                        | 0513100    | 1A |
| C612  | 10μF                        | 0513100    | 1B |
| C613  | 47μF                        | 0510470    | 2A |
| C614  | 47μF                        | 0510470    | 2B |
|       | $\pm 10\% 50V$ CC.          |            |    |
| TR601 | 2SC871R (E, F)              | 0305474, 5 | 2A |
| TR602 | 2SC871R (E, F)              | 0305474, 5 | 2B |
| TR603 | 2SC871R (E, F)              | 0305474, 5 | 2A |
| TR604 | 2SC871R (E, F)              | 0305474, 5 | 2B |
| TR605 | 2SC871R (E, F)              | 0305474, 5 | 1A |
| TR606 | 2SC871R (E, F)              | 0305474, 5 | 1B |



# METER AND OUTPUT <F-1384>

| W     | X                 | Y          | Z      |
|-------|-------------------|------------|--------|
| R501  | 2.2k $\Omega$     | 0101222    | 1 A    |
| R502  | 2.2k $\Omega$     | 0101222    | 2 A    |
| R503  | 470k $\Omega$     | 0101474    | 1 A    |
| R504  | 470k $\Omega$     | 0101474    | 2 A    |
| R505  | 150k $\Omega$     | 0101154    | 1 A    |
| R506  | 150k $\Omega$     | 0101154    | 2 A    |
| R507  | 2.2k $\Omega$     | 0101222    | 1 A    |
| R508  | 2.2k $\Omega$     | 0101222    | 2 A    |
| R509  | 1.2k $\Omega$     | 0101122    | 1 A    |
| R510  | 1.2k $\Omega$     | 0101122    | 2 A    |
| R511  | 100 $\Omega$      | 0101101    | 1 A    |
| R512  | 100 $\Omega$      | 0101101    | 2 A    |
| R513  | 100k $\Omega$     | 0101104    | 1 A    |
| R514  | 100k $\Omega$     | 0101104    | 2 A    |
| R521  | 120k $\Omega$     | 0101124    | 1 B    |
| R522  | 120k $\Omega$     | 0101124    | 2 B    |
| R523  | 470k $\Omega$     | 0101474    | 1 B    |
| R524  | 470k $\Omega$     | 0101474    | 2 B    |
| R525  | 3.3k $\Omega$     | 0101332    | 1 A, B |
| R526  | 3.3k $\Omega$     | 0101332    | 2 A, B |
| R527  | 1k $\Omega$       | 0101102    | 1 A, B |
| R528  | 1k $\Omega$       | 0101102    | 2 A, B |
| R531  | 120k $\Omega$     | 0101124    | 1 B    |
| R532  | 120k $\Omega$     | 0101124    | 2 B    |
| R533  | 470k $\Omega$     | 0101474    | 1 B    |
| R534  | 470k $\Omega$     | 0101474    | 2 B    |
| R535  | 3.3k $\Omega$     | 0101332    | 1 B    |
| R536  | 3.3k $\Omega$     | 0101332    | 2 B    |
| R537  | 1k $\Omega$       | 0101102    | 1 B    |
| R538  | 1k $\Omega$       | 0101102    | 2 B    |
| VR501 | 200k $\Omega$ (B) | 1032152    | 1 B    |
| VR502 | 200k $\Omega$ (B) | 1032152    | 2 B    |
| VR503 | 200k $\Omega$ (B) | 1032152    | 1 B    |
| VR504 | 200k $\Omega$ (B) | 1032152    | 2 B    |
| C501  | 1 $\mu$ F         | 0515109    | 1 A    |
| C502  | 1 $\mu$ F         | 0515109    | 2 A    |
| C503  | 10 $\mu$ F        | 0513100    | 1 A    |
| C504  | 10 $\mu$ F        | 0513100    | 2 A    |
| C505  | 1 $\mu$ F         | 0515109    | 1 B    |
| C506  | 1 $\mu$ F         | 0515109    | 2 B    |
| C507  | 4.7 $\mu$ F       | 0513479    | 1 B    |
| C508  | 4.7 $\mu$ F       | 0513479    | 2 B    |
| C509  | 1 $\mu$ F         | 0515109    | 1 B    |
| C510  | 1 $\mu$ F         | 0515109    | 2 B    |
| C511  | 4.7 $\mu$ F       | 0513479    | 1 B    |
| C512  | 4.7 $\mu$ F       | 0513479    | 2 B    |
| TR501 | 2SC871R (F)       | 0305475    | 1 A    |
| TR502 | 2SC871R (F)       | 0305475    | 2 A    |
| TR503 | 2SC711 (E, F)     | 0305731, 2 | 1 B    |
| TR504 | 2SC711 (E, F)     | 0305731, 2 | 2 B    |
| TR505 | 2SC711 (E, F)     | 0305731, 2 | 1 A, B |
| TR506 | 2SC711 (E, F)     | 0305731, 2 | 2 A, B |

| W    | X             | Y          | Z   |
|------|---------------|------------|-----|
| D501 | IN34A (BL, Y) | 0310400, 1 | 1 A |
| D502 | IN34A (BL, Y) | 0310400, 1 | 2 A |
| D503 | IN34A (BL, Y) | 0310400, 1 | 1 A |
| D504 | IN34A (BL, Y) | 0310400, 1 | 2 A |
| D505 | IN34A (BL, Y) | 0310400, 1 | 1 A |
| D506 | IN34A (BL, Y) | 0310400, 1 | 2 A |
| D507 | IN34A (BL, Y) | 0310400, 1 | 1 A |
| D508 | IN34A (BL, Y) | 0310400, 1 | 2 A |
| D509 | IN34A (BL, Y) | 0310400, 1 | 1 A |
| D510 | IN34A (BL, Y) | 0310400, 1 | 2 A |
| D511 | IN34A (BL, Y) | 0310400, 1 | 1 A |
| D512 | IN34A (BL, Y) | 0310400, 1 | 2 A |
| D513 | IN34A (BL, Y) | 0310400, 1 | 1 A |
| D514 | IN34A (BL, Y) | 0310400, 1 | 2 A |
| D515 | IN34A (BL, Y) | 0310400, 1 | 1 A |
| D516 | IN34A (BL, Y) | 0310400, 1 | 2 A |



# PRINTED CIRCUIT BOARDS AND PARTS LIST

W: Parts No. X: Parts Name Y: Stock No. Z: Position of Parts

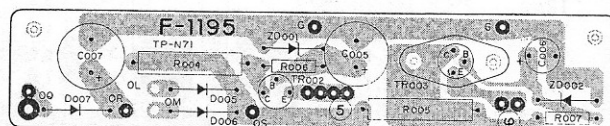
## DRIVER <F-1180D>

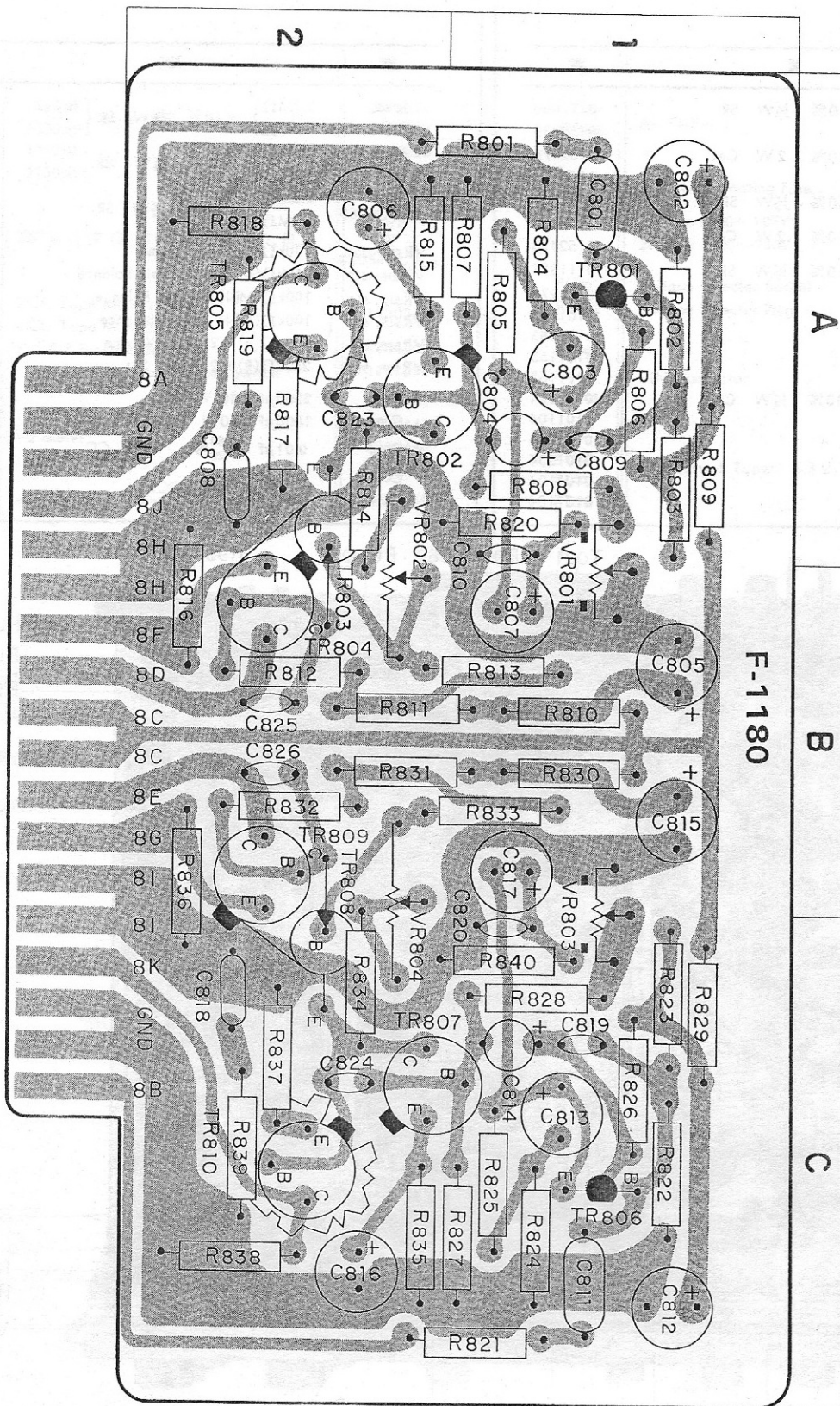
| W     | X                                 | Y          | Z      |
|-------|-----------------------------------|------------|--------|
| R801  | 2.2k $\Omega$                     | 0101222    | 1 A    |
| R802  | 150k $\Omega$                     | 0101154    | 1 A    |
| R803  | 560k $\Omega$                     | 0101564    | 1 A    |
| R804  | 220 $\Omega$                      | 0101221    | 1 A    |
| R805  | 3.3k $\Omega$                     | 0101332    | 1 A    |
| R806  | 3.3k $\Omega$                     | 0101332    | 1 A    |
| R807  | 10k $\Omega$                      | 0101103    | 1 A    |
| R808  | 47k $\Omega$                      | 0101473    | 1 A    |
| R809  | 56k $\Omega$                      | 0101563    | 1 A    |
| R810  | 1.8k $\Omega$                     | 0101182    | 1 B    |
| R811  | 3.9k $\Omega$                     | 0101392    | 2 B    |
| R812  | 39 $\Omega$                       | 0101390    | 2 B    |
| R813  | 3.3k $\Omega$                     | 0101332    | 1 B    |
| R814  | 1.5k $\Omega$                     | 0101152    | 2 A    |
| R815  | 220 $\Omega$                      | 0101221    | 2 A    |
| R816  | 100 $\Omega$                      | 0101101    | 2 B    |
| R817  | 4.7 $\Omega$                      | 0101479    | 2 A    |
| R818  | 100 $\Omega$                      | 0101101    | 2 A    |
| R819  | 10 $\Omega$                       | 0111100    | 2 A    |
| R820  | 8.2k $\Omega$                     | 0101822    | 1 A    |
| R821  | 2.2k $\Omega$                     | 0101222    | 1 C    |
| R822  | 150k $\Omega$                     | 0101154    | 1 C    |
| R823  | 560k $\Omega$                     | 0101564    | 1 C    |
| R824  | 220 $\Omega$                      | 0101221    | 1 C    |
| R825  | 3.3k $\Omega$                     | 0101332    | 1 C    |
| R826  | 3.3k $\Omega$                     | 0101332    | 1 C    |
| R827  | 10k $\Omega$                      | 0101103    | 1 C    |
| R828  | 47k $\Omega$                      | 0101473    | 1 C    |
| R829  | 56k $\Omega$                      | 0101563    | 1 C    |
| R830  | 1.8k $\Omega$                     | 0101182    | 1 B    |
| R831  | 3.9k $\Omega$                     | 0101392    | 2 B    |
| R832  | 39 $\Omega$                       | 0101390    | 2 B    |
| R833  | 3.3k $\Omega$                     | 0101332    | 1 B    |
| R834  | 1.5k $\Omega$                     | 0101152    | 2 C    |
| R835  | 220 $\Omega$                      | 0101221    | 2 C    |
| R836  | 100 $\Omega$                      | 0101101    | 2 B    |
| R837  | 4.7 $\Omega$                      | 0101479    | 2 C    |
| R838  | 100 $\Omega$                      | 0101101    | 2 C    |
| R839  | 10 $\Omega$                       | 0101100    | 2 C    |
| R840  | 8.2k $\Omega$                     | 0101822    | 1 C    |
| VR801 | 200k $\Omega$ (B) AC Balance Adj. | 1031150, 2 | 1 A, B |
| VR802 | 1k $\Omega$ (B) DC Bias Adj.      | 1030690    | 2 A, B |
| VR803 | 200k $\Omega$ (B) AC Balance Adj. | 1031150, 2 | 1 B, C |
| VR804 | 1k $\Omega$ (B) DC Bias Adj.      | 1030690    | 2 B, C |
| C801  | 0.22 $\mu$ F $\pm 10\%$ 50 V MC.  | 0601228    | 1 A    |
| C802  | 100 $\mu$ F 25 V EC.              | 0513101    | 1 A    |
| C803  | 220 $\mu$ F 10 V EC.              | 0511221    | 1 A    |
| C804  | 1 $\mu$ F } 50 V EC.              | 0515109    | 1 A    |
| C805  | 33 $\mu$ F }                      | 0515330    | 1 B    |
| C806  | 100 $\mu$ F 10 V EC.              | 0511101    | 2 A    |
| C807  | 10 $\mu$ F 50 V EC.               | 0515100    | 1 B    |
| C808  | 0.047 $\mu$ F $\pm 10\%$ 50 V MC. | 0601477    | 2 A    |
| C809  | 47pF $\pm 10\%$ 50 V CC.          | 0660470    | 1 A    |
| C811  | 0.22 $\mu$ F $\pm 10\%$ 50 V MC.  | 0601228    | 1 C    |
| C812  | 100 $\mu$ F 25 V EC.              | 0513101    | 1 C    |

| W     | X                                        | Y                              | Z      |
|-------|------------------------------------------|--------------------------------|--------|
| C813  | 220 $\mu$ F 10 V EC.                     | 0511221                        | 1 C    |
| C814  | 1 $\mu$ F 50 V EC.                       | 0515109                        | 1 C    |
| C815  | 33 $\mu$ F 50 V EC.                      | 0515330                        | 1 B    |
| C816  | 100 $\mu$ F 10 V EC.                     | 0511101                        | 2 C    |
| C817  | 10 $\mu$ F 50 V EC.                      | 0515100                        | 1 B    |
| C818  | 0.047 $\mu$ F $\pm 10\%$ 50 V MC.        | 0601477                        | 2 C    |
| C819  | 47pF $\pm 10\%$ 50 V CC.                 | 0660470                        | 1 C    |
| C823  | 47pF                                     | 0660470                        | 2 A    |
| C824  | 47pF                                     | 0660470                        | 2 C    |
| C825  | 330pF $\pm 10\%$ 50 V CC.                | 0660331                        | 2 B    |
| C826  | 330pF                                    | 0660331                        | 2 B    |
| TR801 | 2SC458LG (B, C)                          | 0305310, 1                     | 1 A    |
| TR802 | 2SC627 (1,2) or 2SC1124 (1,2,3)          | 0305580, 1<br>or 0305900, 1, 2 | 2 A    |
| TR803 | 2SC281 (B, C) or 2SC984 (C, D)           | 0305121, 2<br>or 0305872, 3    | 2 A, B |
| TR804 | 2SC959 (M, L) } 2SC708A (A, B, C) } Pair | 0305741, 2                     | 2 B    |
| TR805 | 2SA606 (M, L) } 2SA537A (A, B, C) } Pair | 0305480, 1, 2<br>or 0300211, 2 | 2 A    |
| TR806 | 2SC458LG (B, C)                          | 0305310, 1                     | 1 C    |
| TR807 | 2SC627 (1,2) or 2SC1124 (1,2,3)          | 0305580, 1<br>or 0305900, 1, 2 | 1, 2 C |
| TR808 | 2SC281 (B, C) or 2SC984 (C, D)           | 0305121, 2<br>or 0305872, 3    | 2 B, C |
| TR809 | 2SC959 (M, L) } 2SC708A (A, B, C) } Pair | 0305741, 2                     | 2 B    |
| TR810 | 2SA606 (M, L) } 2SA537A (A, B, C) } Pair | 0305480, 1, 2<br>or 0300211, 2 | 2 C    |

## POWER <F-1195-1B>

| W     | X                                              | Y           |
|-------|------------------------------------------------|-------------|
| R004  | 33 $\Omega$ $\pm 10\%$ $\frac{1}{2}$ W SR      | 0111330     |
| R005  | 68 $\Omega$ $\pm 10\%$ 1W CR.                  | 0104680     |
| R006  | 680 $\Omega$                                   | 0101681     |
| R007  | 2.7k $\Omega$ } $\pm 10\%$ $\frac{1}{4}$ W CR. | 0101392     |
| R011  | 10 $\Omega$ }                                  | 0101100     |
| C005  | 220 $\mu$ F } 50 V EC.                         | 0515221     |
| C006  | 220 $\mu$ F }                                  | 0515221     |
| C015  | 220 $\mu$ F 25 V EC.                           | 0513221     |
| TR002 | 2SC971 Green (2, 3)                            | 0305532, 3  |
| TR003 | 2SD205 (K, L)                                  | 0308130, 1  |
| D005  | F14A                                           | 0310940     |
| D006  | F14A                                           | 0310940     |
| ZD001 | RD 24A (M, N)                                  | 0315410, 20 |
| ZD002 | RD 24A (M, N)                                  | 0315410, 20 |





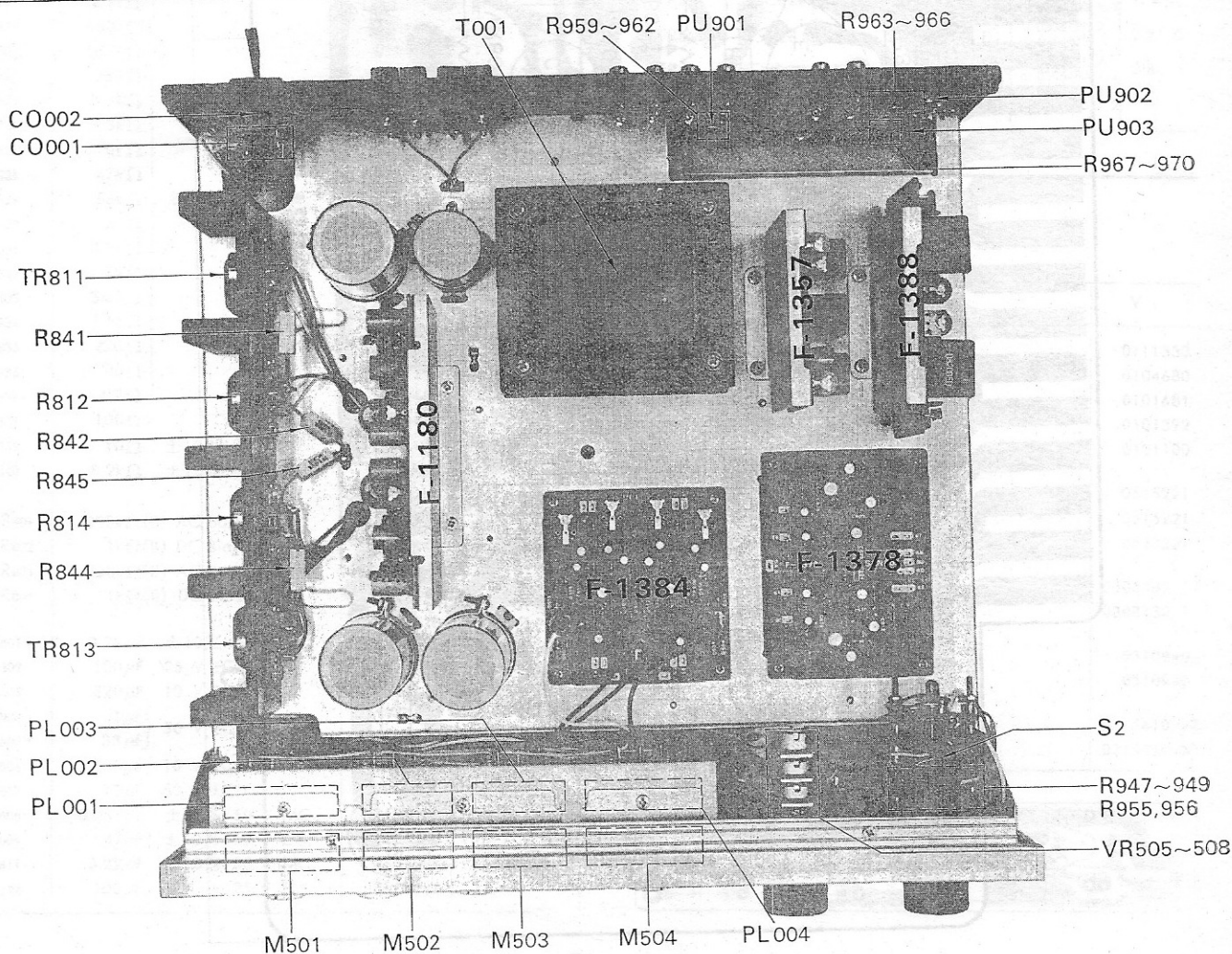
# OTHER PARTS AND THEIR POSITION ON CHASSIS

W: Parts No. X: Parts Name Y: Stock No.

## OTHER PARTS

| W    | X                  | Y       |
|------|--------------------|---------|
| R012 | 68Ω ±10% ½W SR.    | 0111680 |
| R103 | 0.47Ω              | 0152478 |
| R841 | 0.47Ω ±10% 2W CeR. | 0152478 |
| R842 | 0.47Ω              | 0152478 |
| R843 | 330Ω ±10% ½W SR.   | 0111331 |
| R844 | 0.47Ω              | 0152478 |
| R845 | 0.47Ω ±10% 2W CeR. | 0152478 |
| R846 | 330Ω ±10% ½W SR.   | 0111331 |
| R947 | 27kΩ               | 0101273 |
| R948 | 27kΩ               | 0101273 |
| R949 | 18kΩ               | 0101183 |
| R955 | 15kΩ               | 0101153 |
| R956 | 15kΩ               | 0101153 |
| R959 | 100kΩ ±10% ¼W CR.  | 0101104 |
| R960 | 100kΩ              | 0101104 |
| R961 | 330kΩ              | 0101334 |
| R962 | 330kΩ              | 0101334 |
| R963 | 100kΩ              | 0101104 |
| R964 | 100kΩ              | 0101104 |

| W          | X                          | Y       |
|------------|----------------------------|---------|
| R965       | 2.2MΩ                      | 0111225 |
| R966       | 2.2MΩ ±10% ½W SR.          | 0111225 |
| R967       | 100kΩ ±10% ¼W CR.          | 0101104 |
| R968       | 100kΩ                      | 0101104 |
| R969       | 2.2MΩ ±10% ½W SR.          | 0111225 |
| R970       | 2.2MΩ                      | 0111225 |
| VR505~508  | 100kΩ(A) × 4 Volume        | 1060020 |
| VR509~512  | 250kΩ(MN) × 2 Main Balance | 1040100 |
| VR513, 514 | 100kΩ(MN) Front Balance    | 1010690 |
| VR515, 516 | 100kΩ(MN) Rear Balance     | 1010690 |
| VR805, 806 | 250kΩ(B) × 2 Rear Volume   | 1010710 |
| VR907, 908 | 250kΩ(B) × 2 Level Set     |         |
| C003       | 2200μF 80 V EC.            | 0559820 |
| C004       | 1000μF 50 V EC.            | 0559304 |
| C008       | 0.01μF +80% -20% 150V CC.  | 0659801 |
| C013       | 0.01μF                     | 0590107 |
| C014       | 0.01μF 400V OC.            | 0590107 |



| W        | X                                                                                                                                                                                        | Y             |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| C016     | $\left. \begin{array}{l} 330\mu\text{F} \\ 1000\mu\text{F} \\ 2200\mu\text{F} \\ 2200\mu\text{F} \end{array} \right\} \begin{array}{l} 25 \text{ V EC.} \\ 80 \text{ V EC.} \end{array}$ | 0513331       |
| C017     |                                                                                                                                                                                          | 0513102       |
| C821     |                                                                                                                                                                                          | 0559820       |
| C822     |                                                                                                                                                                                          | 0559820       |
| TR811    | 2SC1111 (R, O, Y) or 2SC793 (R, Y, BL)                                                                                                                                                   | 0305830, 1, 2 |
| TR812    |                                                                                                                                                                                          |               |
| TR813    |                                                                                                                                                                                          | or            |
| TR814    |                                                                                                                                                                                          | 0305450, 1, 2 |
| S1(a, b) | 2 Ch. Tape Monitor Switch                                                                                                                                                                | 1130360       |
| S3(a~d)  | 4 Ch. Tape Monitor Switch                                                                                                                                                                |               |
| S2(a~i)  | Y-4-8-7 Function Selector                                                                                                                                                                |               |
| S4(a~e)  | Y-1-4-4 Power/Rear Speaker Switch                                                                                                                                                        |               |
| M501     | VU Meter                                                                                                                                                                                 | 4300440       |
| M502     |                                                                                                                                                                                          | 4300440       |
| M503     |                                                                                                                                                                                          | 4300440       |
| M504     |                                                                                                                                                                                          | 4300440       |
| T001     | 400-B1040XX Power Transformer                                                                                                                                                            | 4000510       |

| W     | X                             | Y       |
|-------|-------------------------------|---------|
| CO001 | AC Outlet                     | 2450040 |
| CO002 |                               | 2450040 |
| F001  | 2.5A Quick Acting Fuse        | 0433242 |
| F002  |                               | 0433242 |
| F003  |                               | 0431262 |
|       | 3A Fuse (100~127V)            | 0431262 |
|       | 2A Fuse (220~250V)            | 0431242 |
| PU001 | Voltage Selector Socket       | 2410170 |
| PU002 | Voltage Selector Plug         | 2410180 |
|       |                               | 2410190 |
| PU901 | DIN Connector                 | 2430040 |
| PU902 |                               | 2430040 |
| PU903 |                               | 2430040 |
| PL001 | Pilot Lamp F Type 6.3 V 0.25A | 0420020 |
| PL002 |                               | 0420020 |
| PL003 |                               | 0420020 |
| PL004 |                               | 0420020 |

