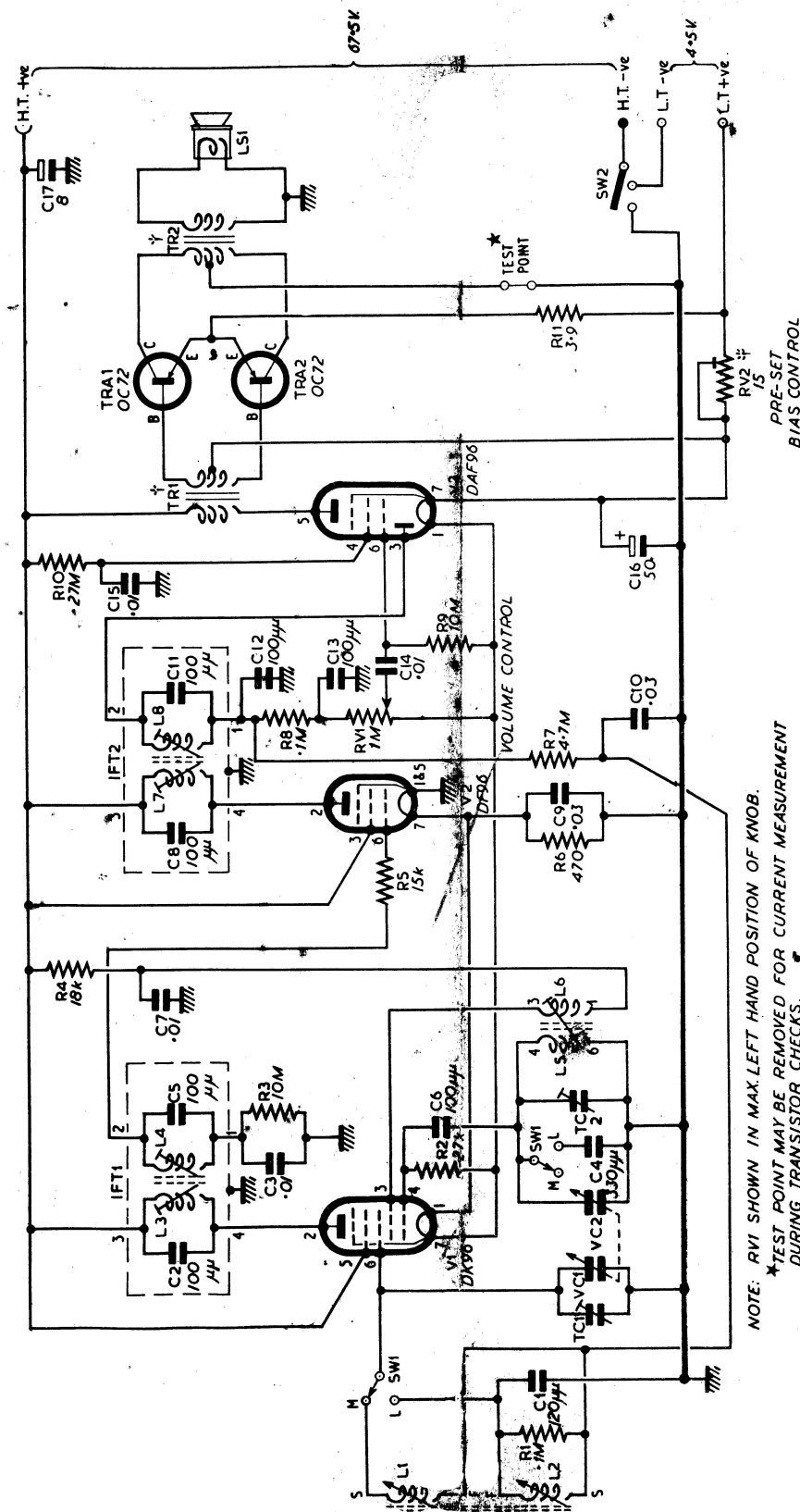




NOTE: RV1 SHOWN IN MAX LEFT HAND POSITION OF KNOB.  
 \*TEST POINT MAY BE REMOVED FOR CURRENT MEASUREMENT DURING TRANSISTOR CHECKS.  
 \*DO NOT USE A CONTINUITY TESTING DEVICE ON THE WINDINGS OF THESE TRANSFORMERS WITH THE TRANSISTORS IN CIRCUIT.  
 \*ON EARLIER MODELS THE RESISTANCE OF RV2 IS 12Ω

TECHNICAL PUBLICATIONS DIV. 17-228-11

CIRCUIT DIAGRAM - MODEL 1410 B & G

| PART No.                     | DESCRIPTION                                                             | No. PER INST. | FIN-ISH | PART No           | DESCRIPTION                                                         | No. PER INST. | FIN-ISH |
|------------------------------|-------------------------------------------------------------------------|---------------|---------|-------------------|---------------------------------------------------------------------|---------------|---------|
| <b>Inductors (Continued)</b> |                                                                         |               |         | 96062             | Spacers                                                             | 2             | 689     |
| 92760B                       | L5 } Oscillator Coil (MW)                                               | 1             | 00      | 200100N           | Screws                                                              | 2             | 689     |
| 92690B                       | L6 } 2nd. IF Transformer                                                | 1             | 00      | 200410            | Nuts                                                                | 4             | 689     |
| 92693                        | L7 } Dust Iron Cores for IFT1 & 2                                       | 4             | 00      | 96063             | Wiring Tags                                                         | 2             | 00      |
| 92695A                       | L8 } Screening Can only for IFTS                                        | 2             | 00      | 210310            | Washers                                                             | 2             | 689     |
| 40907                        | Dust Iron Core for L5/6                                                 | 1             | 00      | 96060B            | RV2 - Preset Bias control (15 Ω)                                    | 1             | 00      |
| 96056                        | Ferrite Rod for L1 & L2                                                 | 1             | 00      | <b>CAPACITORS</b> |                                                                     |               |         |
| 12613                        | Cleat securing Ferrite Rod to Paxolin Panel                             | 1             | 689     | 38117TH           | C1 - 120 μF 2% 750v                                                 | 1             | 00      |
| 200040G                      | Screw                                                                   | 1             | 689     | 38014TF           | C2 - 100 μF 2% (See IFT1)                                           | 1             | 00      |
| 201804                       | SP Washer                                                               | 1             | 00      | 38109B            | C3 - 0.01 μF -20%+80% 500v                                          | 1             | 00      |
| 200404                       | Nut                                                                     | 1             | 689     | 38492VK           | C4 - 330 μF 2% 250v                                                 | 1             | 00      |
| 96055A                       | Paxolin Panel Assy. - supporting Ferrite Rod                            | 1             | 00      | 38014TF           | C5 - 100 μF 2% (See IFT1)                                           | 1             | 00      |
| 200040D                      | Screws securing Panel to Gang Capacitor                                 | 2             | 689     | 38117DG           | C6 - 100 μF 20% 750v                                                | 1             | 00      |
| 49825                        | Solder Tags only on Paxolin Panel                                       | 4             | 00      | 38109B            | C7 - 0.01 μF -20%+80% 500v                                          | 1             | 00      |
| 92800D                       | TR1 Interstage Transformer                                              | 1             | 513A    | 38014TF           | C8 - 100 μF 2% (See IFT2)                                           | 1             | 00      |
| 92800B                       | TR2 Output Transformer                                                  | 1             | 513A    | 38137A            | C9 - 0.03 μF -20%+80% 500v                                          | 1             | 00      |
| <b>RESISTORS</b>             |                                                                         |               |         | 38137A            | C10 - 0.03 μF -20%+80% 500v                                         | 1             | 00      |
| 33362EA                      | R1 - 100 kΩ 20%                                                         | 1             | 00      | 38014TF           | C11 - 100 μF 2% (See IFT2)                                          | 1             | 00      |
| 33362ND                      | R2 - 27 kΩ 10%                                                          | 1             | 00      | 38117DG           | C12 - 100 μF 20% 750v                                               | 1             | 00      |
| 33362EN                      | R3 - 10 MΩ 20%                                                          | 1             | 00      | 38117DG           | C13 - 100 μF 20% 750v                                               | 1             | 00      |
| 33362KG                      | R4 - 18 kΩ 10%                                                          | 1             | 00      | 38109B            | C14 - 0.01 μF -20%+80% 500v                                         | 1             | 00      |
| 33362BV                      | R5 - 15 kΩ 10%                                                          | 1             | 00      | 38109B            | C15 - 0.01 μF -20%+80% 500v                                         | 1             | 00      |
| 33362BL                      | R6 - 470 Ω 10%                                                          | 1             | 00      | 38420G            | C16 - 50 μF Electrolytic 12v                                        | 1             | 00      |
| 33362EL                      | R7 - 4.7 MΩ 20%                                                         | 1             | 00      | 38420F            | C17 - 8 μF Electrolytic 100v                                        | 1             | 00      |
| 33362EA                      | R8 - 0.1 MΩ 20%                                                         | 1             | 00      | See               | TC1) Part of Twin Gang                                              | -             | -       |
| 33362EN                      | R9 - 10 MΩ 20%                                                          | 1             | 00      | VC1 & 2           | TC2) Tuning Capacitor Assy.                                         | -             | -       |
| 33362NE                      | R10 - 0.27 MΩ 10%                                                       | 1             | 00      | 96052A            | (VC1 Twin Gang Tuning VC2 Capacitor Assembly)                       | 1             | 00      |
| 37860LT                      | R11 - 3.9 Ω 10%                                                         | 1             | 00      | 96053             | Front Metal End Plate supporting Gang Capacitor and Switch Assembly | 1             | 689     |
| 96061A                       | RV1 - 1 MΩ volume control assembly complete with knob and ON/OFF switch | 1             | 00      | 96054             | Rear Metal End Plate supporting Gang Capacitor                      | 1             | 689     |
|                              |                                                                         |               |         | 200040D           | Screws                                                              | 4             | 689     |
|                              |                                                                         |               |         | 201804            | SP Washers)                                                         | 4             | 00      |