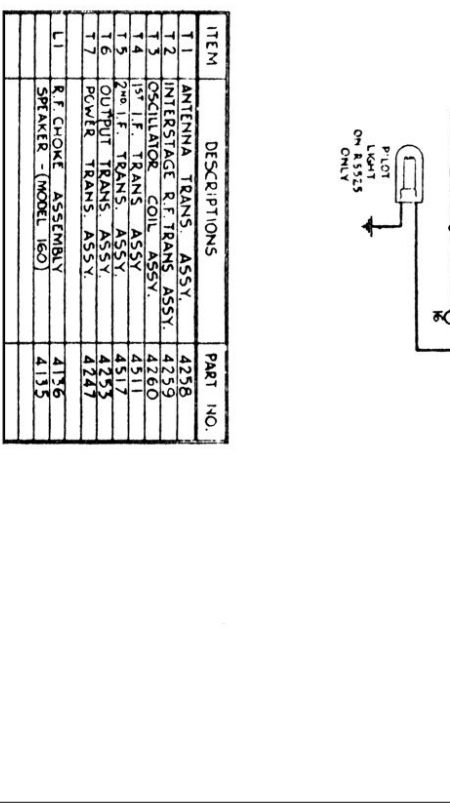


DIAGRAM OF BAND SWITCH CONNECTIONS

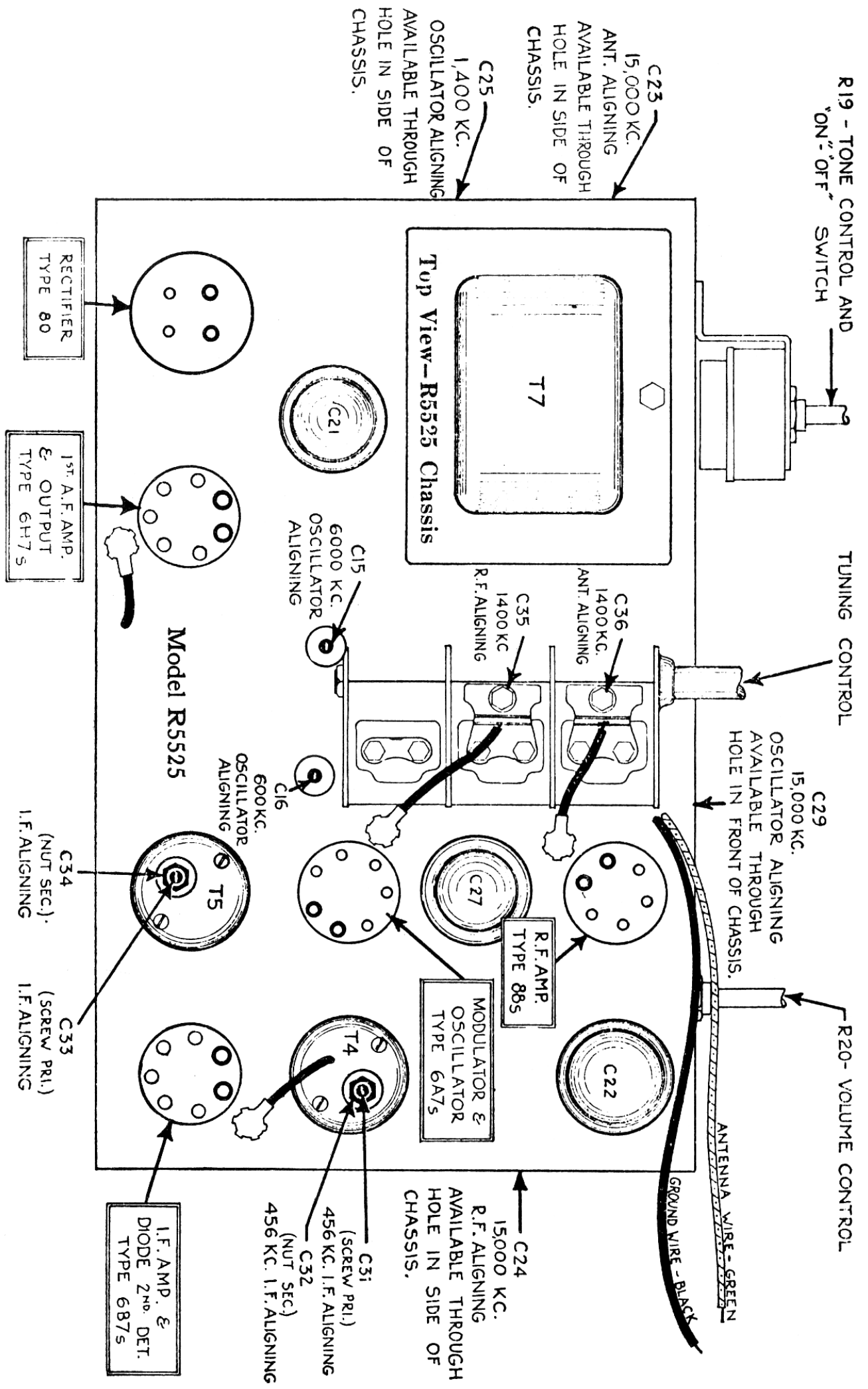
VOLTAGES SHOWN ARE APPROX. READINGS THAT SHOULD BE OBTAINED BETWEEN POINT WHERE VOLTAGE IS INDICATED AND GROUND (CHASSIS), WITH A 1000 OHMS PER VOLT VOLTMETER, USING 300 VOLT RANGE. EXCEPT VOLTAGES THAT ARE MARKED * WHICH CANNOT BE MEASURED WITH AN ORDINARY VOLTMETER.

| ITEM | CAPACITY | LIMITS | RATING WORKING VOLTAGE | REMARKS | PART NO. |
|------|----------------------|--------|------------------------|--------------------|----------|
| C1 | .05 MFD. | ± 18% | 200 | TUBULAR | 38102 |
| C2 | .05 | ± 18% | 200 | " | 38102 |
| C3 | .05 | ± 18% | 400 | " | 38105 |
| C4 | .01 | ± 18% | 400 | " | 38121 |
| C5 | .01 | ± 18% | 200 | " | 38126 |
| C6 | .05 | ± 18% | 600 | " | 38102 |
| C7 | .05 | ± 18% | 600 | " | 38110 |
| C8 | .05 | ± 18% | 600 | " | 38125 |
| C9 | .01 | ± 18% | 200 | " | 38106 |
| C10 | .01 | ± 18% | 200 | " | 38106 |
| C11 | .01 | ± 18% | 400 | " | 38121 |
| C12 | .01 | ± 18% | 400 | " | 38108 |
| C13 | .01 | ± 18% | 200 | " | 38108 |
| C14 | .01 | ± 18% | 400 | " | 38108 |
| C15 | 50000 KC OSC. ALIGN. | | | VARIABLE | 4167 |
| C16 | 50000 KC OSC. ALIGN. | | | " | 4082 |
| C17 | .001 MFD. | ± 10% | 750 | MICA | 54113 |
| C18 | .001 MFD. | ± 20% | 750 | " | 54103 |
| C19 | .0001 | ± 20% | 750 | " | 54104 |
| C20 | | | | | |
| C21 | 6.0 | ± 18% | 525 PEAK | DRY ELECTROLYTIC | 39001 |
| C22 | 16.0 | ± 18% | 410 PEAK | WET ELECTROLYTIC | 39004 |
| C23 | 15000 KC ANT. ALIGN. | | | IN ANT. TRANS ASSY | |
| C24 | 15000 KC ANT. ALIGN. | | | IN ANT. TRANS ASSY | |
| C25 | 1400 KC OSC. ALIGN. | | | IN OSC. COIL ASSY | |
| C26 | .1 MFD. | ± 18% | 200 | TUBULAR | 38106 |
| C27 | 8.0 MFD. | ± 18% | 400 | DRY ELECTROLYTIC | 39005 |
| C28 | | | | TUBULAR | 38121 |
| C29 | .00005 | ± 10% | 750 | MICA | 54114 |
| C30 | | | | | |
| C31 | 456 KC I.F. ALIGNING | | | IN I.F. TRANS. | |
| C32 | 456 KC I.F. ALIGNING | | | IN I.F. TRANS. | |
| C33 | 456 KC I.F. ALIGNING | | | IN I.F. TRANS. | |
| C34 | 456 KC I.F. ALIGNING | | | IN I.F. TRANS. | |
| C35 | 1400 KC ANT. ALIGN. | | | PART OF GANG COND. | |
| C36 | 1400 KC ANT. ALIGN. | | | PART OF GANG COND. | |
| C37 | 5 GANG CONDENSER | | | | 1457 |

| ITEM | RESISTANCE | LIMITS | WATTS | REMARKS | PART NO. |
|------|------------|--------|-------|---------------|----------|
| R1 | 10000 OHMS | ± 15% | 1/4 W | CARBON | 32604 |
| R2 | 50000 | ± 20% | 1/4 | " | 40505 |
| R3 | 50000 | ± 20% | 1/4 | " | 32618 |
| R4 | 300 | ± 10% | 1/8 | " | 40505 |
| R5 | 20000 | ± 10% | 1/8 | " | 33605 |
| R6 | 10000 | ± 10% | 1/8 | " | 33907 |
| R7 | 25000 | ± 10% | 1/8 | " | 40504 |
| R8 | 100000 | ± 20% | 1/2 | " | 33706 |
| R9 | 200000 | ± 20% | 1/2 | " | 33728 |
| R10 | 500000 | ± 20% | 1/2 | " | 33709 |
| R11 | 250000 | ± 20% | 1/2 | " | 33729 |
| R12 | 250000 | ± 20% | 1/2 | " | 33707 |
| R13 | 500000 | ± 20% | 1/2 | " | 33707 |
| R14 | 250000 | ± 20% | 1/2 | " | 33709 |
| R15 | 500000 | ± 20% | 1/2 | " | 33709 |
| R16 | 1000000 | ± 20% | 1/2 | " | 33703 |
| R17 | 1000000 | ± 20% | 1/2 | " | 33703 |
| R18 | 1000000 | ± 20% | 1/2 | " | 33703 |
| R19 | 50000 | ± 10% | 1/2 | TONER CONTROL | 11715 |
| R20 | 50000 | ± 10% | 1/2 | VOL. CONTROL | 11708 |
| R21 | 300 | ± 10% | 1/8 | " | 33607 |
| R22 | 10000 | ± 10% | 1/8 | " | 33607 |
| R23 | 5000 | ± 10% | 1/8 | " | 33607 |
| R24 | 50000 | ± 20% | 1/2 | " | 33607 |
| R25 | 25000 | ± 10% | 1/8 | " | 33620 |
| R26 | 25000 | ± 10% | 1/8 | " | 33729 |
| R27 | 50000 | ± 10% | 1/8 | " | 33906 |
| R28 | 60000 | ± 10% | 1/8 | " | 40506 |



| ITEM | DESCRIPTIONS | PART NO. |
|------|---|--------------|
| T1 | ANTENNA TRANS. ASSY. | 4258 |
| T2 | INTERSTAGE R.F. TRANS. ASSY. | 4259 |
| T3 | OSCILLATOR COIL ASSY. | 4260 |
| T4 | 1st I.F. TRANS. ASSY. | 4511 |
| T5 | 2nd I.F. TRANS. ASSY. | 4517 |
| T6 | OUTPUT TRANS. ASSY. | 4275 |
| T7 | POWER TRANS. ASSY. | 4247 |
| L1 | R.F. CHOKE ASSEMBLY SPEAKER - (MODEL 160) | 4136 4135 |



R19 - TONE CONTROL AND "ON-OFF" SWITCH

TUNING CONTROL

R20 - VOLUME CONTROL

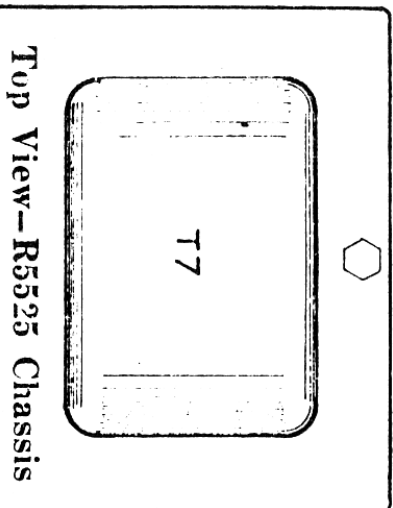
C29
15,000 KC.
OSCILLATOR ALIGNING
AVAILABLE THROUGH
HOLE IN FRONT OF CHASSIS.

ANTENNA WIRE - GREEN

GROUND WIRE - BLACK

C23
15,000 KC.
ANT. ALIGNING
AVAILABLE THROUGH
HOLE IN SIDE OF
CHASSIS.

C25
1,400 KC.
OSCILLATOR ALIGNING
AVAILABLE THROUGH
HOLE IN SIDE OF
CHASSIS.



C36
1400 KC.
ANT. ALIGNING

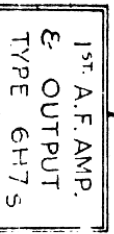
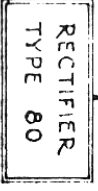
C35
1400 KC
R.F. ALIGNING



C15
6000 KC.
OSCILLATOR
ALIGNING

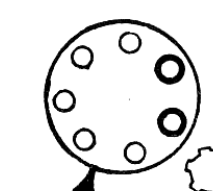
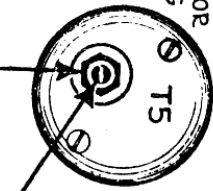
C16
600K.
OSCILLATOR
ALIGNING

Model R5525



C34
(NUT SEC.)
I.F. ALIGNING

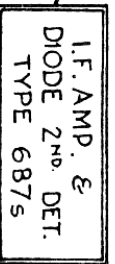
C33
(SCREW PRI.)
I.F. ALIGNING



C24
15000 KC.
R.F. ALIGNING
AVAILABLE THROUGH
HOLE IN SIDE OF
CHASSIS.

C31
(SCREW PRI.)
456 KC. I.F. ALIGNING

C32
(NUT SEC.)
456 KC. I.F. ALIGNING



See "ROGERS MULTI-BAND AC & BATTERY RECEIVER ALIGNMENT"