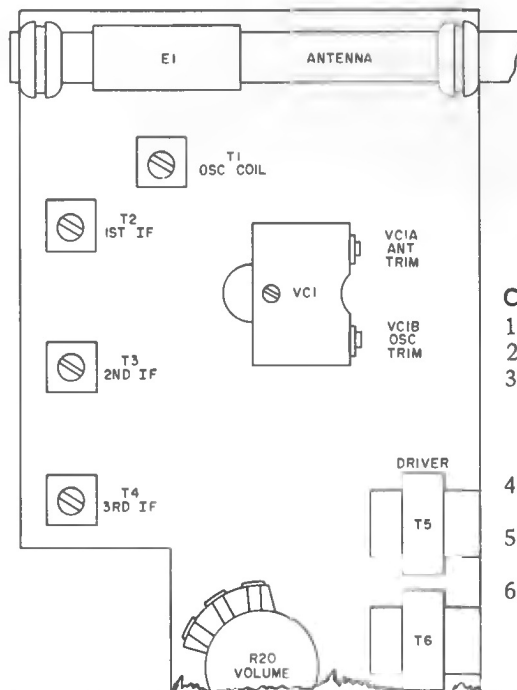
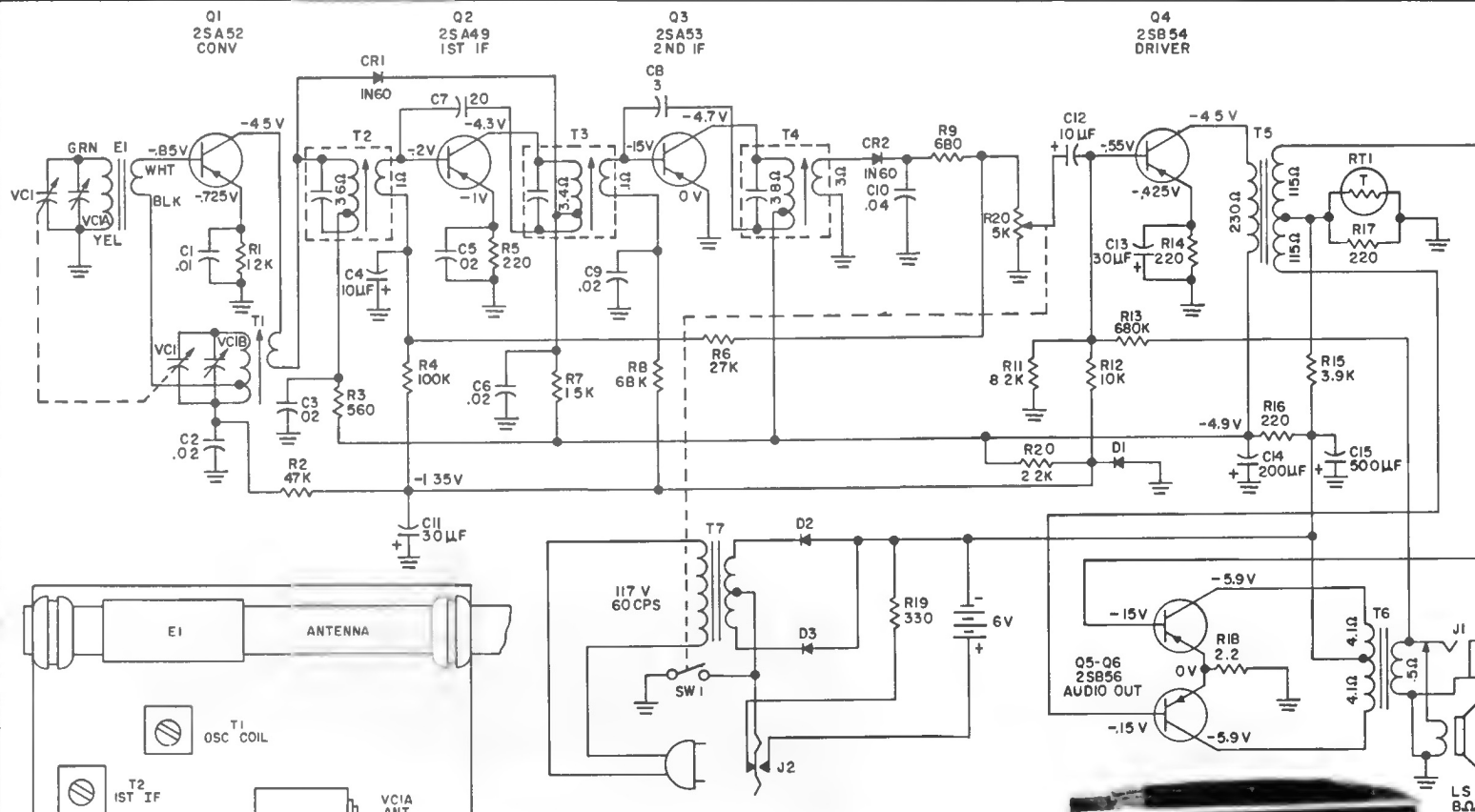


PHILCO

TRANSISTOR PORTABLE
MODEL NT601



CABINET REMOVAL

1. Remove Back - Loosen two screws on back.
2. Remove Volume Knob - Pull off.
3. Remove Tuning Knob - Insert Screwdriver thru hole in bottom of Cabinet and loosen two Screws on Tuning Knob, Rotate Knob as necessary to reach screws.
4. Remove Battery Case - Remove four screws inside case and lift out Case and Cord compartment.
5. Remove Chassis Panel - Remove five screws on Panel and Lift out.
6. Remove Power Transformer - Remove two screws on transformer.

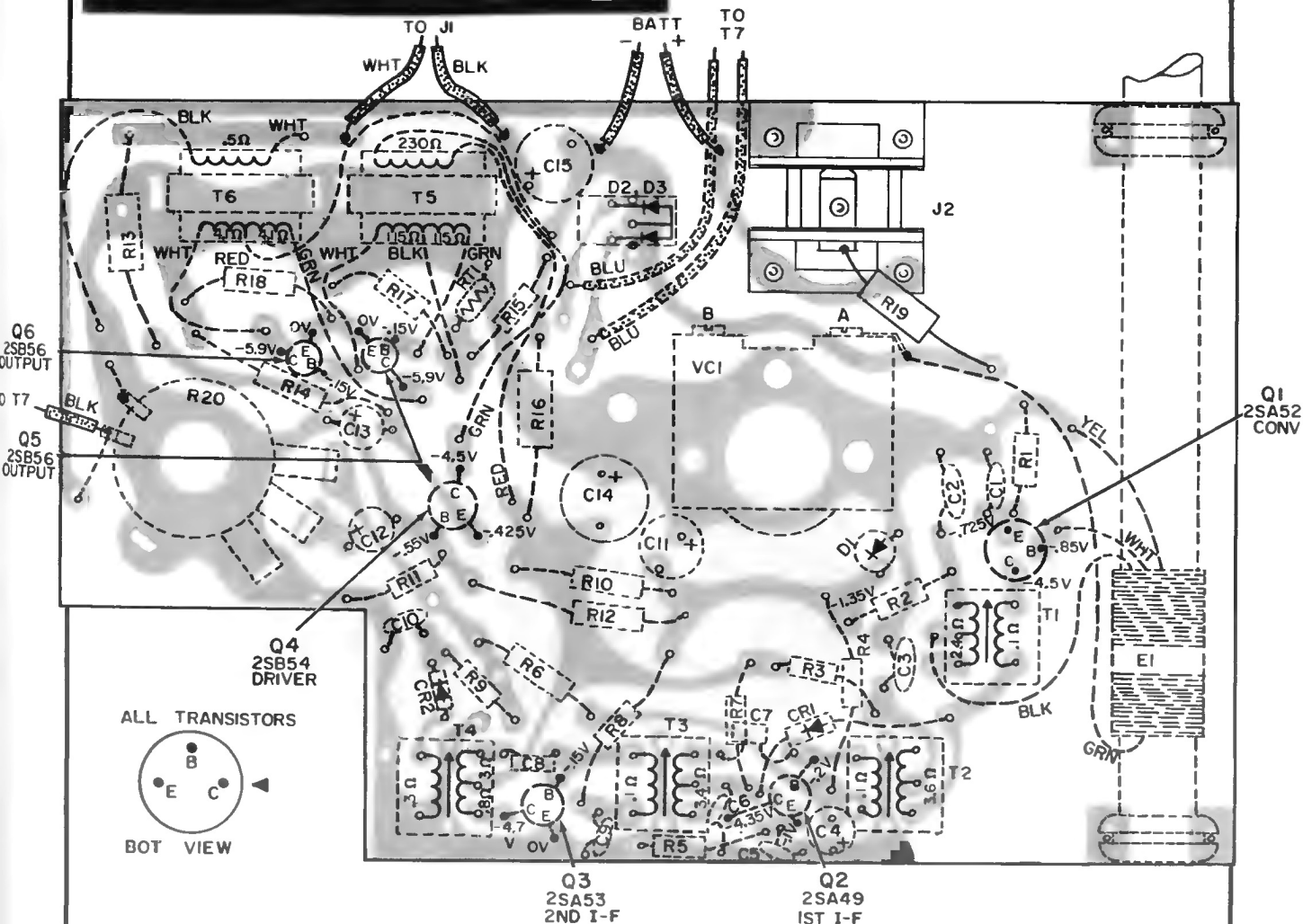


NOTES:

1. ALL COIL RESISTANCES MEASURED IN CIRCUIT
2. ALL VOLTAGES MEASURED FROM B+6V TO POINTS INDICATED
3. VOLTAGES TAKEN WITH NO SIGNAL AND VOLUME CONTROL AT MINIMUM, UNDER SAME CONDITIONS BATTERY CURRENT 8 MA
4. ALL VOLTAGES AND RESISTANCES MEASURED WITH PRECISION VTVM MODEL "88"
5. ALL CAPACITOR VALUES IN PFs UNLESS OTHERWISE INDICATED, VALUES LESS THAN ONE ARE IN MFDS

Chassis Alignment Points

TRANSISTOR PORTABLE MODEL NT601



Bottom View - Perma-Circuit Panel, Top View Component Layout - NT601

ALIGNMENT CHART

STEP	CONNECTION TO RADIO	DIAL SETTING	DIAL SETTING	SPECIAL INSTRUCTIONS	ADJUST
1	USE RADIATING LOOP SEE NOTE	455KC	TUNING GANG FULLY OPEN	ADJUST FOR MAX. OUTPUT	T4, T3, T2
2	REPEAT STEP 1 UNTIL NO FURTHER IMPROVEMENT IS OBTAINED				
3	SAME AS STEP 1	525KC	TUNING GANG FULLY CLOSED	ADJUST FOR MAX. OUTPUT	T1 OSC. COIL
4	SAME AS STEP 1	1630KC	TUNING GANG FULLY OPEN	ADJUST FOR MAX. OUTPUT	VC1B OSC TRIM.
5	REPEAT STEPS 3 AND 4				
6	SAME AS STEP 1	1400KC	1400KC	ADJUST FOR MAX. OUTPUT	VC1A ANT. TRIM.
7	SAME AS STEP 1	600KC	600KC	ADJUST COIL ONLY IF NECESSARY	E1 ANT. COIL

NOTE: FOR RADIATING LOOP, USE A 6 TO 8 TURN, 6 INCH DIAMETER LOOP MADE OF INSULATED WIRE. CONNECT LOOP TO GENERATOR TERMINALS AND PLACE ABOUT 12 INCHES FROM RADIO