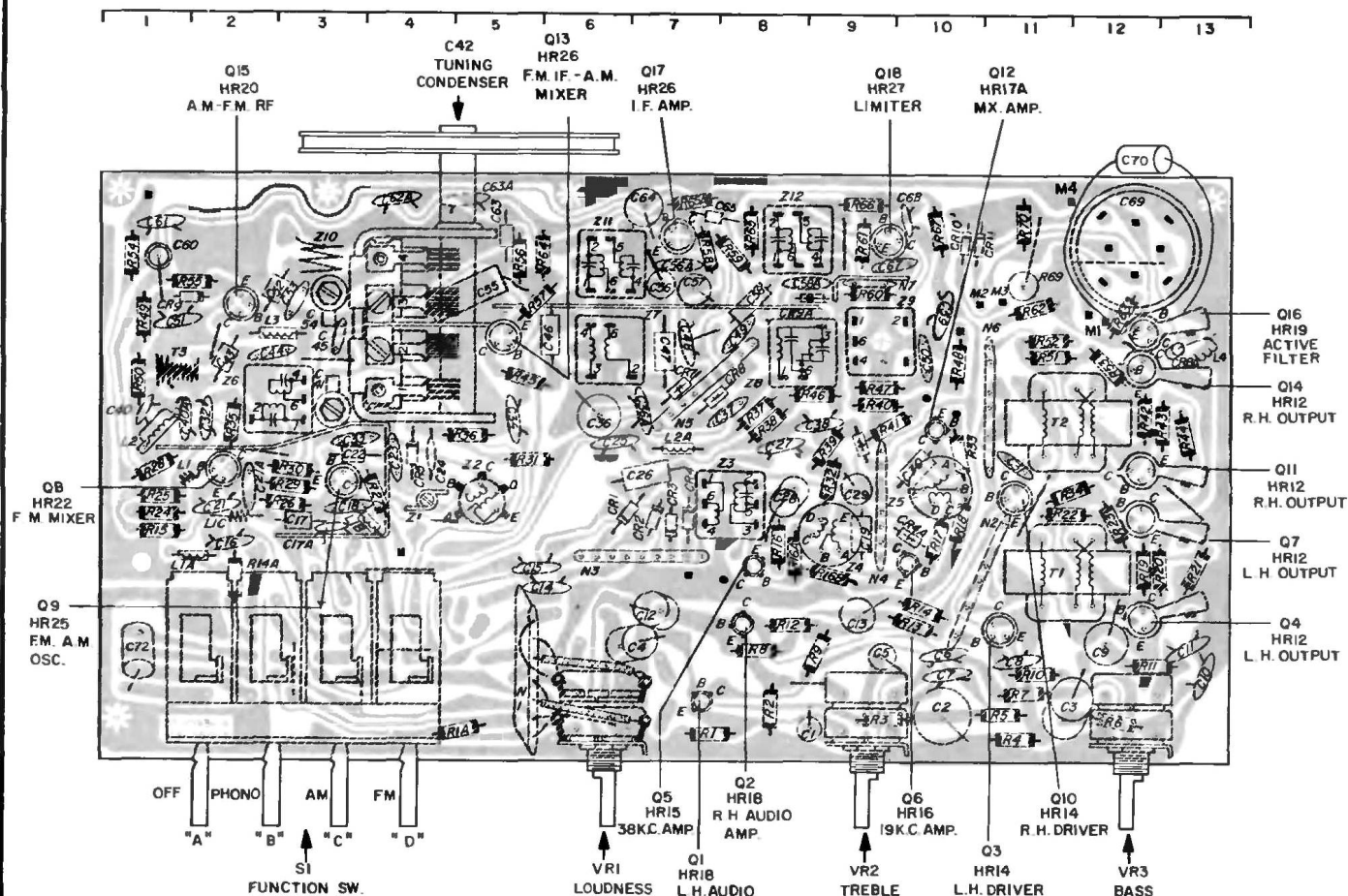


PHILCO P25ST - CODE 124 CHASSIS ELECTRICAL PARTS

SYM-BOL	LOCA-TION	DESCRIPTION	SERVICE PART NO.	SYM-BOL	LOCA-TION	DESCRIPTION	SERVICE PART NO.
CAPACITORS				C31	D11	150 pf, driver C to B	30-1294-31
C1	G8	.1 mf, treble cont.	30-4706-13	C32	D2	1500 pf, FM mix. coup.	30-1294-30
C1A		100 pf, 67KC filter	30-1293-32	C33	D3	4700 pf, osc. base	30-1294-13
C2	G10	elec., 250 mf, 6V, driver emit.	30-2611-10	C34	D5	.0082 mf, AM osc. inj.	30-1294-32
C2A		220 pf, 67KC filter	30-1294-19	C36	D6	elec., 5 mf, 15V, AVC	30-2610-1
C3	G11	.1 mfd, bass cont.	30-4695-30	C36A	C7	.01 mf, B ⁺ bypass	30-1294-6
C4	F7	.1 mf, 1st audio	30-4695-30	C37	D7	220 pf, AVC coup.	30-1293-34
C5	F9	.1 mf, treble cont.	30-4706-13	C38		2200 pf, AM bypass	30-1294-29
C6	F10	.05 mf, treble cont.	30-1272-23	C39	C10	.03 mf, mx. input	30-1272-5
C7	G10	.05 mf, treble cont.	30-1272-23	C40	C1	100 pf, AM R-F coil	30-1293-32
C8	F8	150 pf, driver C to B	30-1294-31	C40A	D2	.01 mf, AM mix. coup.	30-1294-6
C9	F12	2 mfd, bass cont.	30-2612-2	C41	C3	trimmer 3 to 12.5 pf FM osc.	31-6520-37
C10	G13	.0047 mf, bass cont.	30-1294-28	C42	A5	tuning AM-FM	31-2795-1
C11	F13	.0047 mf, bass cont.	30-1294-28	C43	C2	3.9 pf, AM-FM R-F neut.	30-1221-14
C12	F7	.1 mf, 1st audio	30-4695-30	C44	C3	150 pf, FM I-F-AM R-F bypass	30-1293-22
C13	F9	elec., 250 mf, 6V, driver emit.	30-2611-10	C45	C3	100 pf, AM ant.	30-1293-32
C14	E5	4700 pf, mx. out.	30-1294-28	C46	C5	1500 pf, 1st AM I-F	30-4707-7
C15	E5	4700 pf, mx. out.	30-1294-28	C47	C7	820 pf, 1st AM I-F	30-4707-6
C16	E2	.1 mf, AM ant.	30-4706-13	C48	C7	.01 mf, B ⁺ bypass	30-1294-6
C17	E3	10 pf, FM osc. inj.	30-1221-23	C49	C8	.02 mf, AVC	30-1294-27
C17A	E3	100 pf, AM osc.	30-1293-32	C50	C10	.01 mf, AFC bypass	30-1294-6
C18	E3	4700 pf, AM osc. FB	30-1294-28	C51	B2	.01 mf, AM-FM R-F	30-1294-6
C19	E9	1800 pf, 19KC transf.	30-4707-15	C52	B3	4.7 pf, AM ant. coup.	30-1221-13
C21	E2	.01 mf, FM mix.	30-1294-6	C53	B3	7.5 pf, FM ant. pad.	30-1293-31
C21A	D2	.01 mf, B ⁺ bypass	30-1294-6	C54	B3	trimmer, 1 to 5 pf, FM ant.	31-6520-36
C22	D3	7.5 pf, FM osc. FB	30-1221-24	C55	B5	.02 mf, FM I-F-AM mix.	30-4706-32
C23	D4	.001 mf, FM osc. ret.	30-1294-20	C56	B7	.01 mf, 1st AM I-F	30-4706-22
C24	D4	56 pf, AFC	30-1287-5	C56A	B7	.01 mf, I-F emit.	30-1294-6
C25	D6	.001 AM out.	30-1294-20	C57	B7	.22 mf, AVC	30-4706-29
C26	D7	3900 pf, 38KC transf.	30-4707-17	C58	B8	2200 pf, 2nd AM I-F	30-4707-16
C27	D8	.2 mf, mx. amp.	30-4704-3	C58A	B8	.01 mf, lim. bypass	30-1294-6
C28	D8	.1 mf, mx.	30-4706-13	C59	B10	.01 mf, B ⁺ bypass	30-1294-6
C29	D9	elec., 5 mf, 25V, 38KC emit.	30-2610-2	C60	B1	elec., 5 mf, 15V, over-load	30-2610-1
C30	D10	1800 pf, mx. amp. transf.	30-4707-15				



VOLUME R-26, MOST-OFTEN-NEEDED 1966 RADIO SERVICING INFORMATION

PHILCO

P25ST-CODE 124 TUNER-AMPLIFIER CHASSIS - MODELS PI710, PI719, PI722, PI735 & PI737

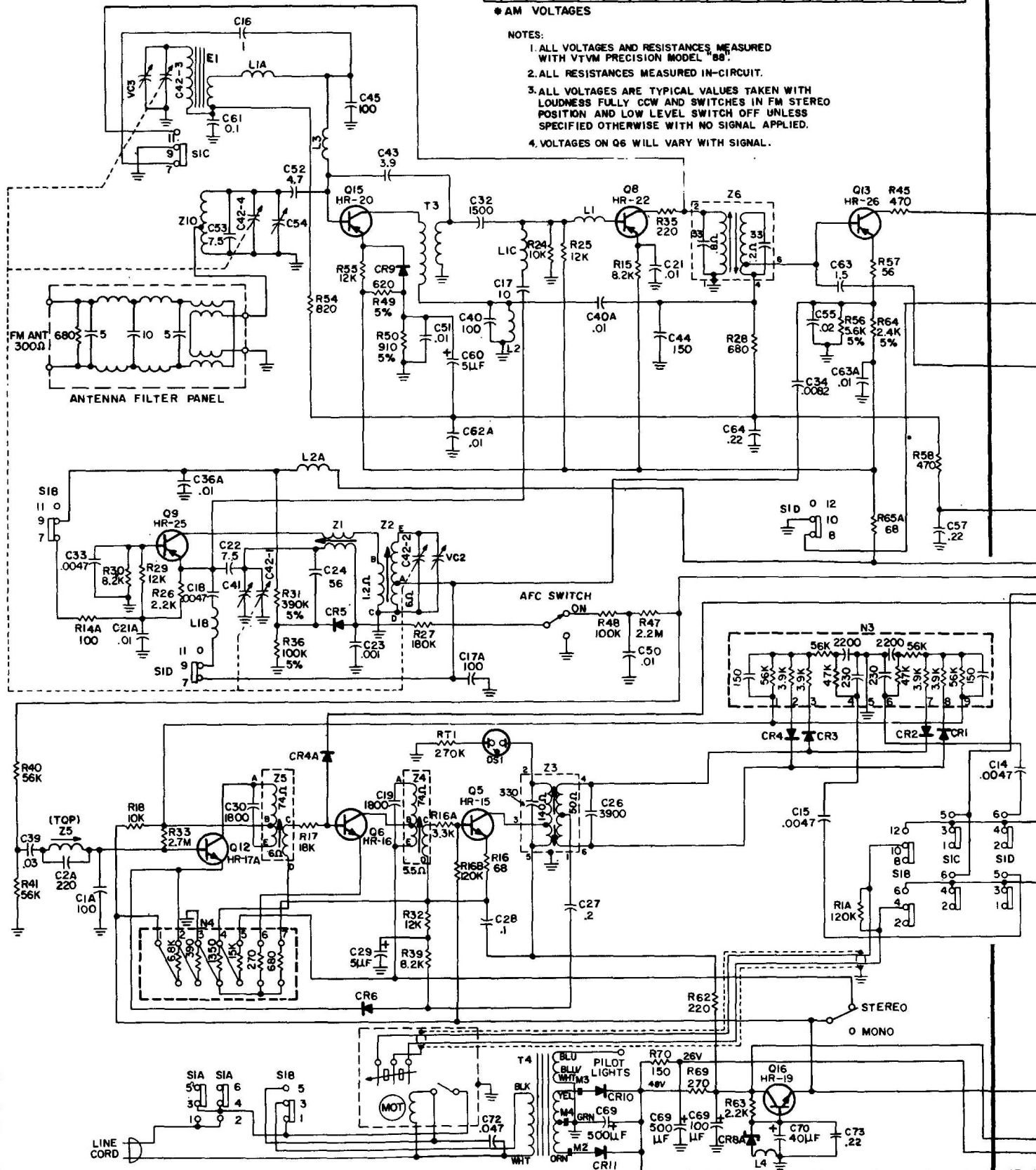
(Diagram continued on next page at right;
see also the preceding two pages)

	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18
E	.5	.5	2.3	.1	.3	0	24.5	8.7	8.2	2.3	.1	1.5	10.3	24.5	10.8	20.5	10.3	5.6
B	1	1	2.8	.7	.9	.4	25	8.4	8.1	2.8	.7	2.1	10.6	25	10.4	21	10	5.3
G	2.8	2.8	28	24	32	20	48	.2	0	28	24	12	.3	48	0	32.5	.4	.2

• AM VOLTAGES

NOTES:

1. ALL VOLTAGES AND RESISTANCES MEASURED WITH VTVM PRECISION MODEL "80".
2. ALL RESISTANCES MEASURED IN-CIRCUIT.
3. ALL VOLTAGES ARE TYPICAL VALUES TAKEN WITH LOUDNESS FULLY CCW AND SWITCHES IN FM STEREO POSITION AND LOW LEVEL SWITCH OFF UNLESS SPECIFIED OTHERWISE WITH NO SIGNAL APPLIED.
4. VOLTAGES ON Q6 WILL VARY WITH SIGNAL.



Schematic Diagram P25ST Code 124 Chassis