

TONE & PHONO SWITCH POSITIONS

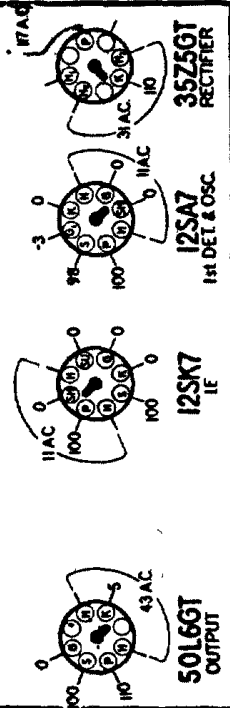
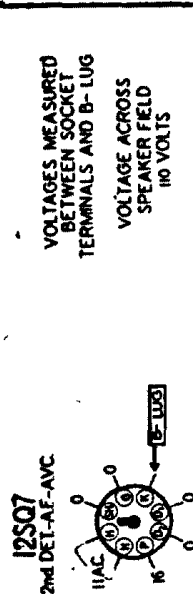
The radio-phonograph switch and the tone control are combined in one switch. This table shows the various positions.

POSITION OF SWITCH	COMBINATION
FIRST POSITION (Fully Counter-Clockwise) Circuit shows switch in this position	Radio — Treble
SECOND POSITION	Radio — Bass
THIRD POSITION	Phono — Treble
FOURTH POSITION (Fully Clockwise)	Phono — Bass

Volume on full with no signal. Dial tuned to 540 KC.

SOCKET VOLTAGES

LINE VOLTAGE 117 VOLTS BOTTOM VIEW OF CHASSIS



REAR OF CHASSIS

ELECTRICAL PARTS

Diagram Number	Part Number	Description	List Price
1-2	83539	Condenser—mica 260 mmfd.	\$4.75
3	83783	Condenser—mica 110 mmfd.	.12
4	85061	Condenser—mica 51 mmfd.	.15
5	50097	Lamp-dial (Mazda No. C7)	.20
6	110552	Resistor—carbon 47,000 ohms 1/4 watt	.15
7	112962	Resistor—carbon 150,000 ohms 1/4 watt	.15
8-9	110559	Resistor—carbon 470,000 ohms 1/4 watt	.15
10	110591	Resistor—carbon 680,000 ohms 1/4 watt	.15
11	110564	Resistor—carbon 100,000 ohms 1/4 watt	.15
12	110570	Resistor—carbon 2.2 meg. 1/4 watt	.15
13	112375	Resistor—carbon 10 meg. 1/4 watt	.12
14	R-501204	Speaker—dynamic (5")	1.40
15	118803	Resistor—680 ohms 1/4 watt	.12
16	118092	Resistor—140 ohms 1 watt W.W.	.15
17	160078	Resistor—220 ohms 1 watt W.W.	.20
18	116752	Resistor—33 ohms 1 watt wire wound	.15
19 to 21	116819	Condenser—.05 mfd. 600 volt.	.20
22	116964	Switch—"on-off" for phono motor.	.32
23	117335	Resistor—20 ohms 1 watt	.15
24	116825	Condenser—1 mfd. 600 volts	.35
25	501166	Transformer—2nd I.F.	1.20
26	R-500425	Cone & Voice Coil for R-501204 speaker	1.40
27 to 29	118193	Condenser—.01 mfd. 600 volt.	.15
30	119945	Condenser—trimmer	.20
31	119875	Condenser—.002 mfd. 600 volt.	.15
32	500725	Crystal cartridge	7.00
33-34	118675	Condenser—.002 mfd. 600 volt.	.15
35A-35B	119912	Volume control—1 meg. (with switch)	1.40
36A-36B-36C	119921	Switch—tone & phonograph (See table for switch positions)	1.00
37	500306	Resistor—2000 ohms 1 watt	.25
38A-38B	119928	Condenser—variable tuning	2.40
39	501233	Transformer—1st I.F.	1.20
40	R-501205	Transformer—output for R-501204	1.00
41	119954	Coil—oscillator	.36
42	160012	Condenser—electrolytic, A—40 mfd.—200 volt; B—20 mfd.—25 volt; C—20 mfd.—200 volt	1.15
43	160093	Phonograph motor—60 cycle (less turntable)	6.00
44	160140	Loop antenna & back (complete)	1.40
45	116553	Resistor—carbon 220,000 ohms 1/4 watt	.12