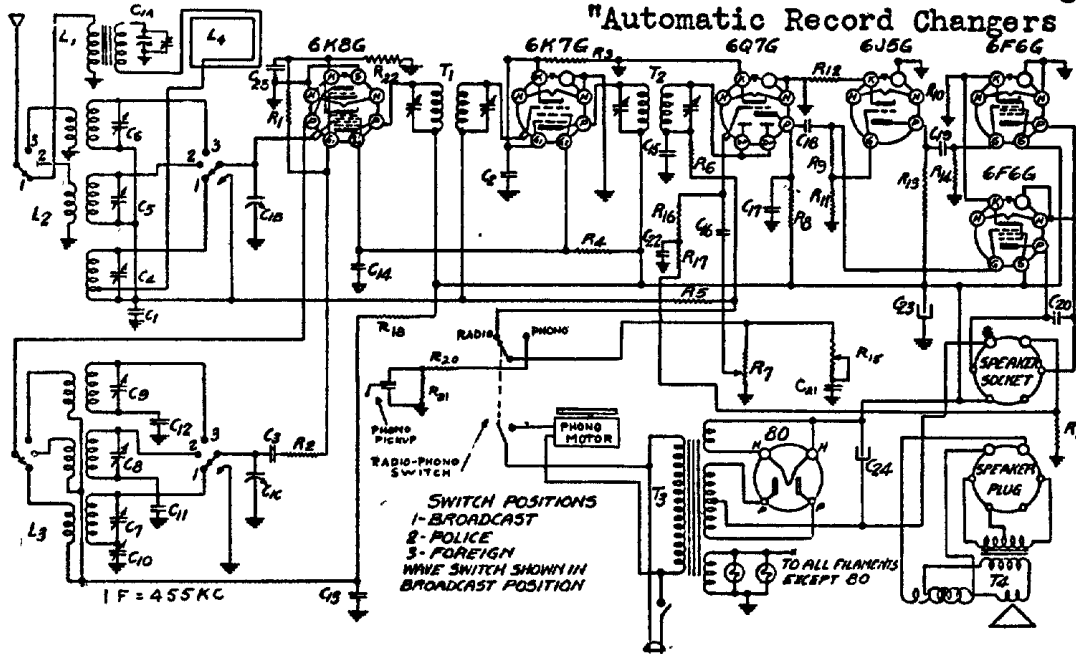


# WESTERN AUTO SUPPLY CO.

MODEL D1075 DC

FOR RCA RP139B Record changer, see Rider's  
"Automatic Record Changers and Recorders".



Capacitors	Values
C1a,b,c	Variable Condenser
C1,22	.1 mf. 200 Volt
C2	.2 mf. 200 Volt
C5	50 mmf Mica
C4,5,8	1-10 mmf Trimmer
C6,9	3-35 mmf. Trimmer
C7	2-25 mmf Trimmer
C10	200-500 mmf B.C. Osc Padder
C11	1330 mmf 5% Mica
C12	.006 600 Volt 10%
C13	.1 mf. 400 Volt
C14	.2 mf. 400 Volt
C15,17	250 mmf Mica
C16	.01 mf. 200 Volt
C18,19	.02 mf. 400 Volt
C20	.002 mf. 600 Volt
C21	.005 mf. 600 Volt
C23,24	16 mf. 450 Volt Electrolytic
C25	.05 mf. 200 Volt

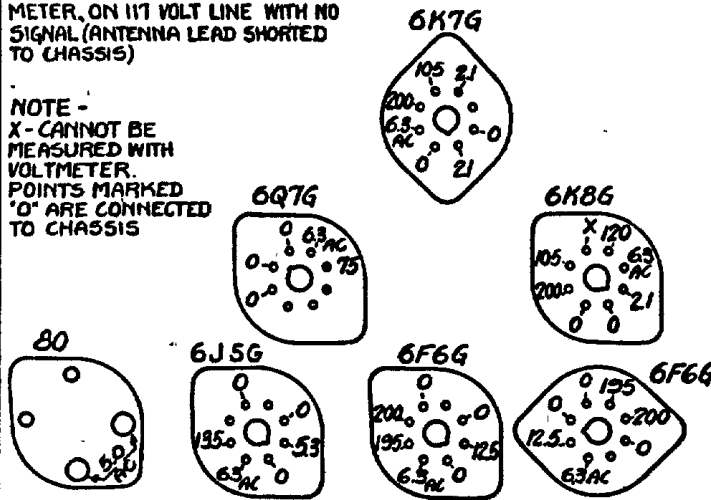
## RESISTORS

Resistors	Values
R1,6,13	50 M 1/3 Watt
R2,3	100 Ohm 1/3 Watt
R4	10 M 1 Watt
R5,16,17	1 Meg 1/3 Watt
R7	500 M Volume Control
R8,20,21	200 M 1/3 Watt
R9	400 M 1/3 Watt
R10	300 Ohm 2 Watt
R11	100 M 1/3 Watt
R12	5 M 1/3 Watt
R14	500 M 1/3 Watt
R15	2 Meg Tone Control
R18	20 M 1/3 Watt
R19	15 Ohm 1/3 Watt

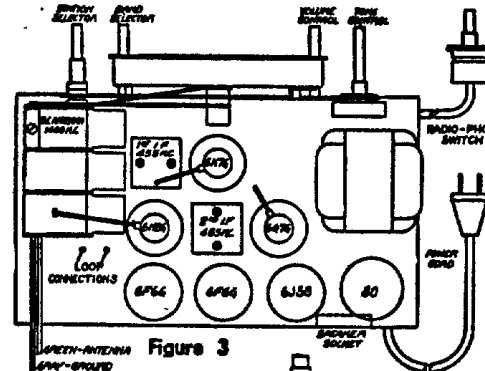
## BOTTOM VIEW OF CHASSIS

VOLTAGES MARKED AT SOCKET TERMINALS ARE MEASURED WITH 1000 OHM PER VOLT METER, ON 117 VOLT LINE WITH NO SIGNAL (ANTENNA LEAD SHORTED TO CHASSIS)

NOTE -  
X - CANNOT BE MEASURED WITH VOLT-METER.  
POINTS MARKED "O" ARE CONNECTED TO CHASSIS



## REAR OF CHASSIS



## TRIMMER ADJUSTMENTS

Figure 4

BAND	SIGNAL GENERATOR FREQUENCY SETTING	DUMMY ANTENNA	BAND SWITCH POSITION	VARIABLE CONDENSER SETTING	TRIMMER LOCATION	TRIMMER FUNCTION	CONNECTION	ADJUSTMENT
I. F.	455 kc.	.1 mfd.	Broadcast "B" (Extreme Left)	Minimum Capacity	Trimmers on top see Fig. 3.	2nd I. F.	grid of 6K7G	Adjust to maximum output
I. F.	455 kc.	.1 mfd.	Broadcast "B" (Extreme Left)	Minimum Capacity	Trimmers on top see Fig. 3.	1st I. F.	grid of 6K8G	Adjust to maximum output
BROAD-CAST BAND	1720 kc.	200 mmf.	Broadcast "B" (Extreme Left)	Minimum Capacity	See Fig. 4.	Broadcast oscillator	Antenna lead	Adjust to maximum output
	1400 kc. approx.	200 mmf.	Broadcast "B" (Extreme Left)	Tune in signal	Trimmer on Ant. coil. (Fig. 4.)	Broadcast pre-selector	Antenna lead	Adjust to maximum output
	1400 kc. approx.	200 mmf.	Broadcast "B" (Extreme Left)	Tune in signal	Trimmer on Var. Condenser. (Fig. 4.)	Broadcast Antenna	Antenna lead	Adjust to maximum output
	600 kc.	200 mmf.	Broadcast "B" (Extreme Left)	Tune in signal	See Figs. 3 & 4.	Broadcast osc. pad.	Antenna lead	Rock thru signal adjust for Max. output
REPEAT ABOVE PROCEDURE AS FINAL CHECK.								
POLICE BAND	5825 kc.	400 ohm.	"P" (Center)	Minimum Capacity	Trimmer on Osc. coil. (Fig. 4.)	Short Wave Oscillator	Antenna lead	Adjust to maximum output
POLICE BAND	5000 kc.	400 ohm.	"P" (Center)	Tune in signal	Trimmer on Ant. coil. (Fig. 4.)	Short Wave Antenna	Antenna lead	Rock back and forth thru signal & adjust for Max. output.
REPEAT ABOVE PROCEDURE AS FINAL CHECK.								
FOREIGN BAND	18125 kc.	400 ohm.	"F" (Extreme Right)	Minimum Capacity	Trimmer on Osc. coil. (Fig. 4.)	Short Wave Oscillator	Antenna lead	Adjust to maximum output
FOREIGN BAND	1700 kc.	400 ohm.	"F" (Extreme Right)	Tune in signal	Trimmer on Ant. coil. (Fig. 4.)	Short Wave Antenna	Antenna lead	Rock back and forth thru signal & adjust for Max. output.