

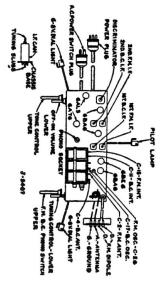
- Remove the Cabinet Back
- Withdraw Power, A.C. Switch and A.C. Phono Plugs from the sockets on the Power and Audio Chassis and

PHONO MOTOR

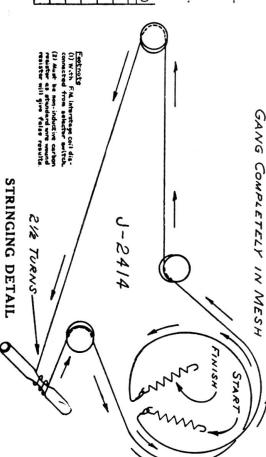
- Remove all staples which have been used on the connecting leads to R.F. Chassis
- Remove the two triangular stops from the rear of the metal drawer slides, one each side, by squeezing together with a pair of pliers and pulling down.

The drawer can now be removed by pulling it from front of cabinet.

To replace drawer stops press back into metal slides until the extrusions on the stops engage the slides.



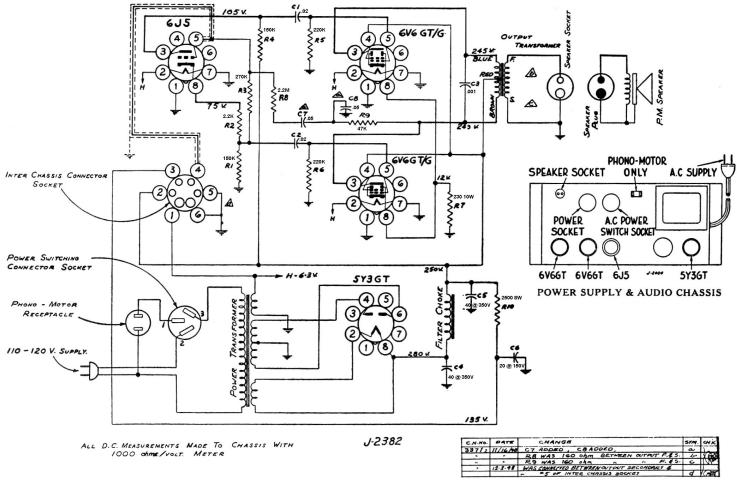
36				- No of	TM ANT
		1.5		200,4,-14	AM ANT
40		12		· Pafer	68A6
100	(1) 200	240	220	-1 > 22	GBE 6
	1000		7500	124	STIF TIPM
	33,000			 	6846
100MC	10.7 MC.	1000 KC	455 KC	Thry series	Applied to
volt A.V.C.	miliwatts	its for 500	at 400 c.p.s	Nominal sensitivity in Microvolts for 500 milliwatts output Signal modulated 30% at 400 cps (of FM. equivalent to-Boolt AVC.)	Nominal Signal mode



CHASSIS LAY OUT CHART

Electrohome Balmoral 45FM, Chippendale FM, Kingsway 45FM & Westmount FM

## Electrohome Balmoral 45FM, Chippendale FM, Kingsway 45FM & Westmount FM Power Supply, Amplifer & Alignment Instructions



## F. M. ALIGNMENT INSTRUCTIONS

## EQUIPMENT REQUIRED:

10.7 Megacycle signal generator; F. M. modulation is desirable but not necessary.

88-108 Megacycle signal generator.

DC Vacuum tube voltmeter having full scale deflection of 2 to 3 volts.

## PROCEDURE

Adjustment	Tuning Control	Frequency	Signal Applied To	Dummy Antenna	VTVM Connection	Remarks
Discriminator Primary (below chassis)	105 Mc.	10.7 Mc.	2nd I.F. Grid (pin No. 1)	0.1 mfd.	Across R30	Adjust for maximum VTVM reading, reduce input to obtain 0.8 volts on VTVM
Discriminator Secondary (above shield)	as above	as above	as above	as above	Across C46	Adjust for zero VTVM reading, use same input as determined for first adjustment.
Repeat both above adju	ustments once					
2nd I.F. Transformer	as above	as above	1st I.F. Grid (pin No. 1)	as above	Across R30	Adjust for maximum VTVM reading, reduce input to obtain 0.8 volts on VTVM
1st I.F. Transformer	as above	as above	converter signal grid (pin No. 7)	none	as above	As above. It may be necessary to disconnect FM interstage coil from selector switch to avoid short circuiting signal input.
FM Oscillator, Interstage, and Antenna Trimmers	105 Mc.	105 Mc.	Dipole Terminals	300 ohm resistor (see note)	as above	Adjust for maximum VTVM reading, reduce input to obtain 0.8 volts on VTVM  The dummy antenna resistor must be non-inductive carbon, a wire-wound resistor will give false results.
Check (see note)	92 Mc.	92 Mc.	as above	as above	as above	As above. It may be necessary to bend gang condenser plates to maintain sensitivity at this point.