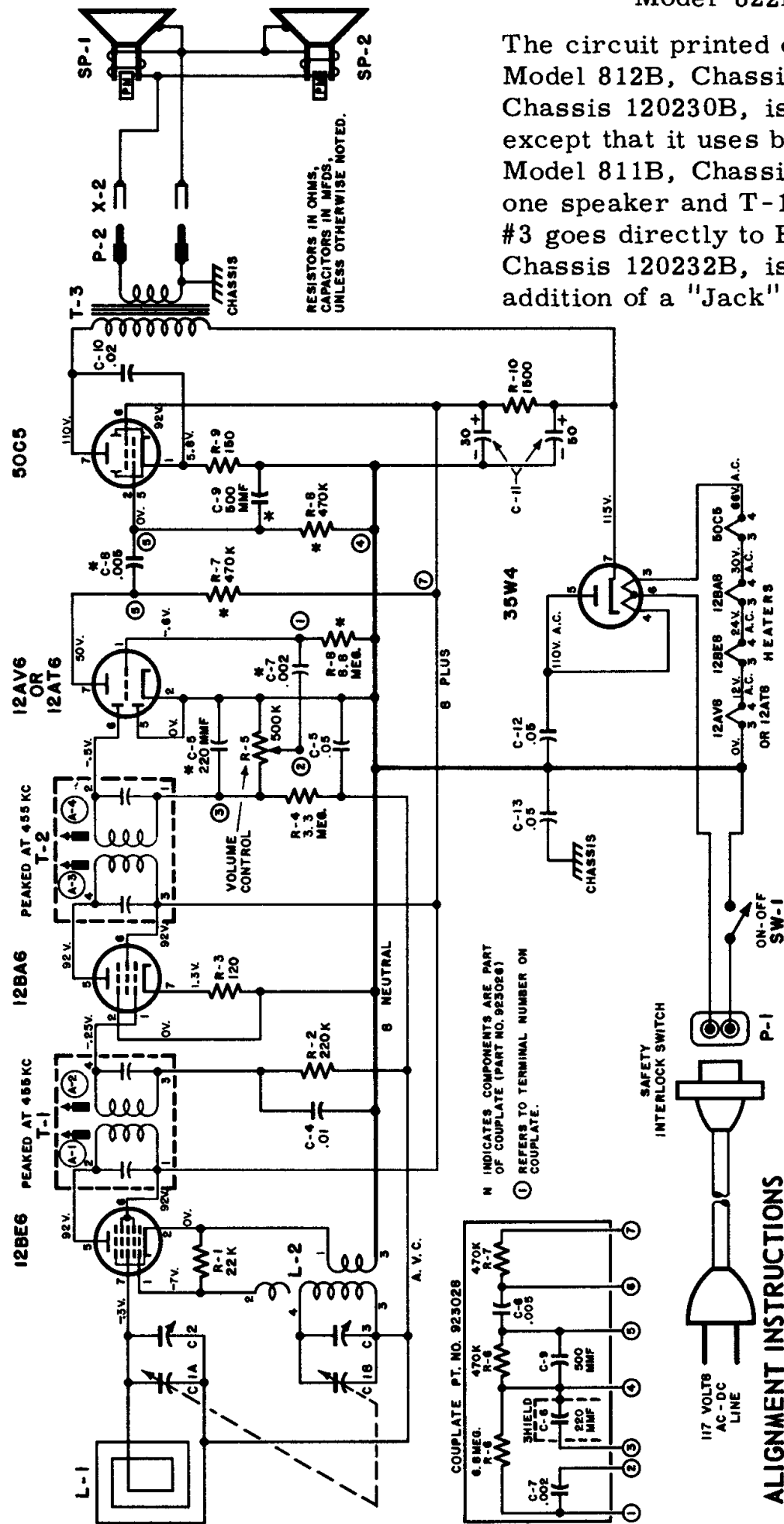


# Emerson

Model 811B, Chassis 120228B,  
Model 812B, Chassis 120229B,  
Model 813B, Chassis 120230B,  
Model 822B, Chassis 120232B.

The circuit printed on this page is exact for Model 812B, Chassis 120229B. Model 813B, Chassis 120230B, is electrically identical except that it uses but a single speaker. Model 811B, Chassis 120228B, also uses one speaker and T-1 grid return terminal #3 goes directly to B Neutral. Model 822B, Chassis 120232B, is like 811B with the addition of a "Jack" for attachments.



STEP	DUMMY ANTENNA	SIGNAL GENERATOR COUPLING	SIGNAL GENERATOR FREQUENCY	RADIO DIAL SETTING	OUTPUT METER	ADJUST	REMARKS
1	.005 mfd.	High side to grid (pin 7) of V1 (12BE6). Low side to B-neutral (See Alignment Note)	455 KC	Variable condenser fully open.	Across voice coil.	T2, T1 (A3, A4, A1, A2)	Adjust for maximum output.
2		Form loop of several turns and radiate signal into receiver	1620 KC	"	Across voice coil.	Trimmer C-3 (Osc.)	Adjust for maximum output.
3		"	1400 KC	Tune for maximum output.	Across voice coil.	Trimmer C-2 (Ant.)	Adjust for maximum output.