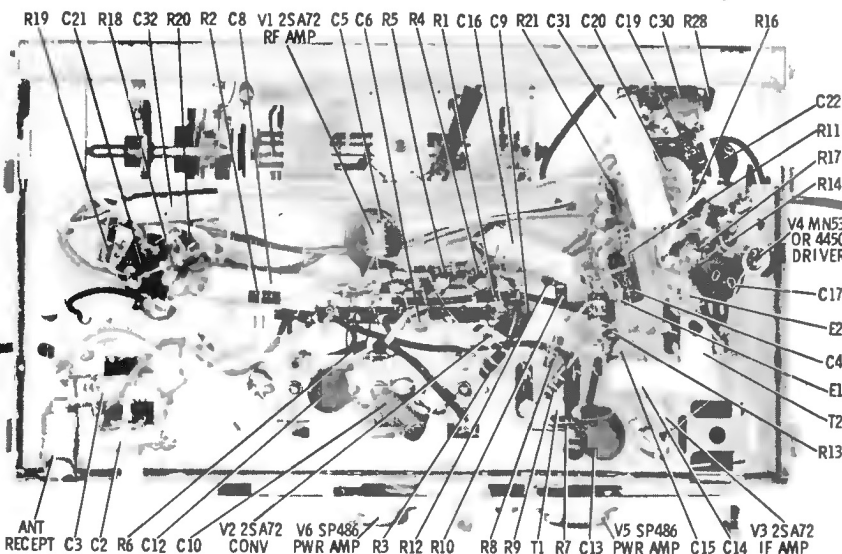
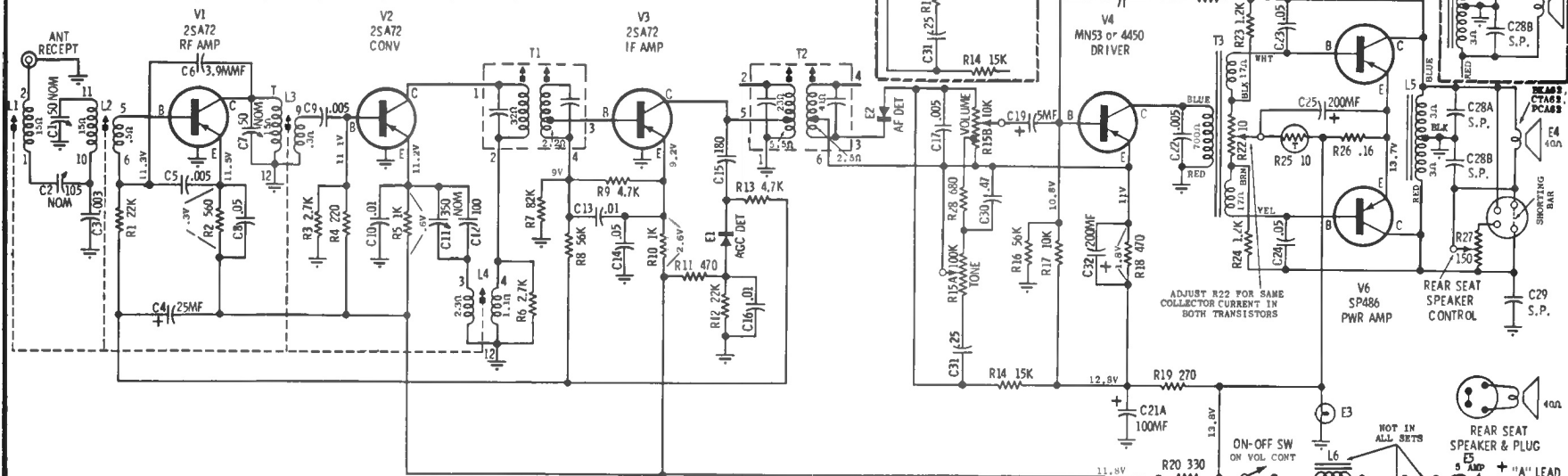


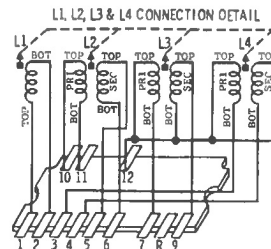
MODELS 12AT-2, BKA62, CA62, CRA62, CTA62, CYA62, PCA62 SCHEMATIC DIAGRAM



MODELS BKA62, CA62, CRA62, CYA62, PCA62 PARTS LOCATION

NOTES

CAPACITORS - UNLESS OTHERWISE SPECIFIED, DECIMAL VALUES IN MF, ALL OTHERS IN MMF. VOLTAGES - MEASURED FROM POINT INDICATED TO CHASSIS WITH A VTVM. $\pm 10\%$ NO SIGNAL INPUT INPUT VOLTAGE - 14V DC. TUNING RANGE - 540 KC TO 1610 KC. IF FREQ. - 262.5 KC



NOTE: ON L1, L2, L3 & L4 CONNECTION DETAIL, BOT REFERS TO LEAD AT BOTTOM OF COIL. I. E., NEAREST THE TERMINAL STRIP. THE SECONDARY WINDING IS THE OUTERMOST WINDING.

CAUTION

"A" LEAD MUST BE CONNECTED TO POSITIVE (+) SIDE OF POWER SUPPLY. RADIO WILL NOT OPERATE AND DAMAGE TO COMPONENTS WILL RESULT IF CONNECTED OTHERWISE.

MOTOROLA

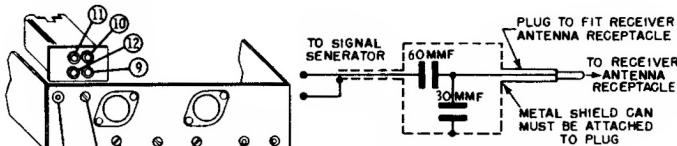
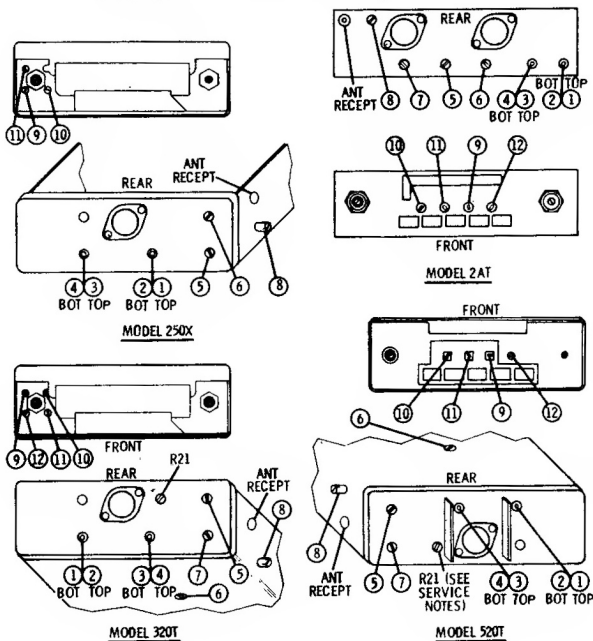
Models 12AT-2, BKA62, CA62, CRA62, CTA62, CYA62, PCA62

Connect an output meter across the speaker voice coil. Set volume to maximum and tone to treble. Attenuate signal generator output to maintain 1 watt (1.79 volts across a 3.2 ohm load for models 250X, 320T and 520T; 6.33 volts across a 40 ohm load for all other models) on output meter at all times.

STEP	GENERATOR CONNECTION	GEN FREQ (400 cycle 30% mod)	TUNER SET TO	ADJUST	REMARKS
IF ALIGNMENT					
1.	To ant recept (250X) or collector of RF amp (all other models) thru .1mf & chassis	262.5 Kc	Hi end stop	1,2,3 & 4	Adjust for maximum
RF ALIGNMENT					
2.	Ant recept thru dummy (see figure)	1610 Kc	Hi end stop	5,6,7* & 8	Adjust for maximum
NOTE: Do not perform steps 3, 4, 5 & 6 unless the tuner has been tampered with or associated components have been replaced. If necessary, remove the escutcheon, dial background and the pilot light socket to expose the core screws. Before proceeding with step 3, back the tuning cores as far as possible out of the coils to eliminate their effect on trimmer adjustments.					
3.	Ant recept thru dummy (see figure)	1610 Kc	Hi end stop	5,6,7* & 8	Adjust for maximum
4.	"	1200 Kc (push-button models); 1020 Kc (manually tuned models)	Tuner carriage .285" (push-button models); .298" (manually tuned models) from Hi end stop	9,10,11 & 12*	Adjust for maximum
5.	"	1610 Kc	Hi end stop	5,6,7* & 8	Adjust for maximum
6.	Repeat steps 4 and 5 until no further increase; step 5 should be last step.				Then cement core screws in place.
ANTENNA TRIMMER					
7.			Weak station around 1400 Kc	8	Adjust for maximum with radio installed in car and antenna fully extended

*Model 250X does not have adjustments 7 and 12.

ALIGNMENT LOCATION DETAIL



DUMMY ANTENNA DETAIL