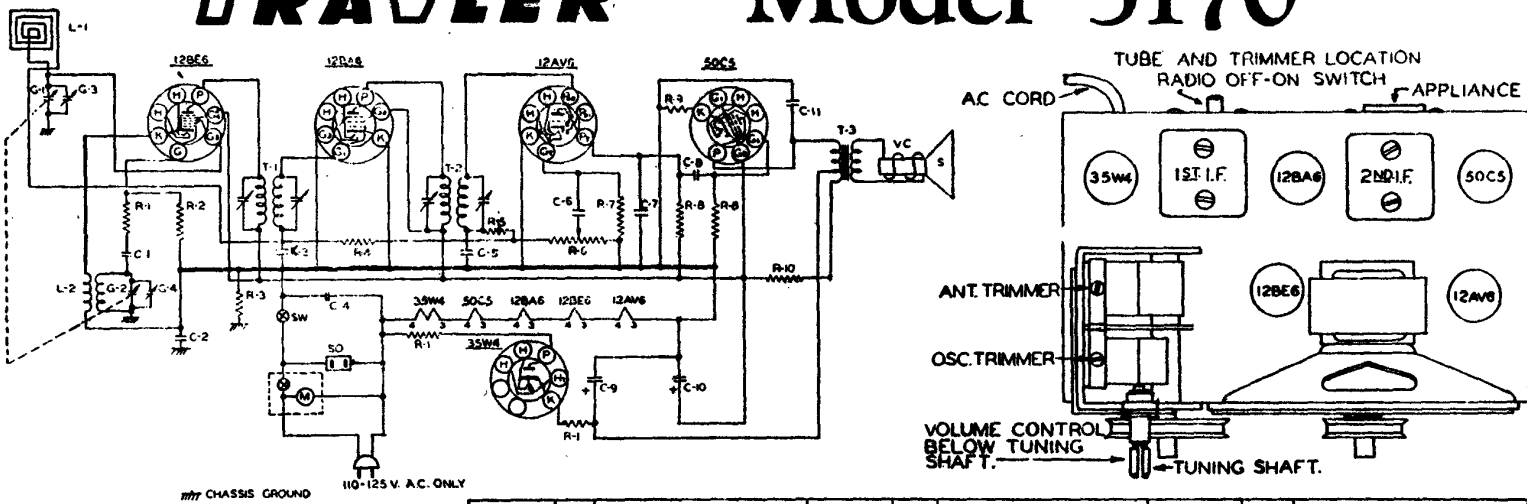


TRAVLER Model 5170



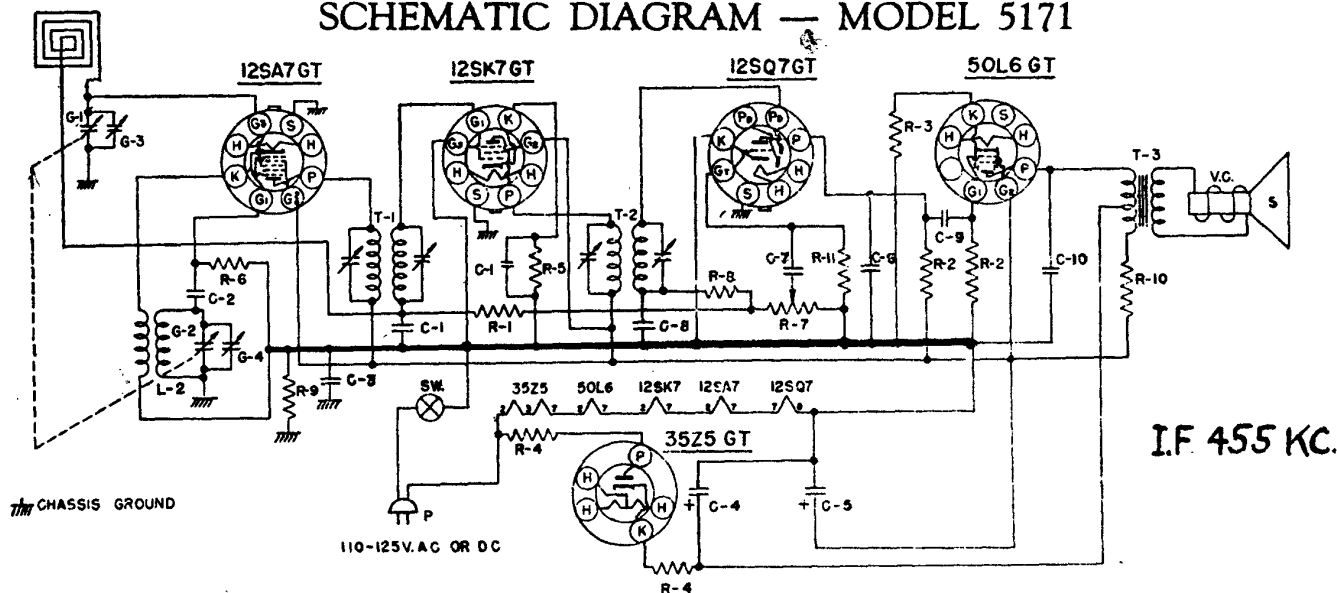
ALIGNMENT

FIRST STEP: Connect the hot lead from the generator to the ANT. section of the gang condenser, through a .1 MFD condenser. The ground lead from the generator must be connected to the metal frame of the gang condenser. Turn the gang condenser to complete minimum capacity. Adjust the generator to 455KC and adjust the trimmers of the 1st and 2nd I.F. transformers until a maximum reading is noted.

SECOND STEP: With the leads from the generator still connected in the same manner, adjust the Signal Generator to 1650 KC. The OSC. trimmer is located on the front of the chassis between the volume and tuning controls. Adjust this trimmer until the 1650 KC signal is tuned in.

THIRD STEP: Remove the hot lead of the generator from the ANT section of the gang condenser. Adjust the Signal Generator to 1400 KC. Rotate the tuning control until this signal is tuned in. The ANT trimmer is located on the back of the loop antenna. Adjust this trimmer until a maximum reading is noted on the output meter. No further adjustment should be necessary, unless the set has been damaged, as the coils and condenser in this receiver have been specially handled at the factory to insure proper alignment at the lower frequencies.

SCHEMATIC DIAGRAM — MODEL 5171



I.F. 455 KC.

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
1R-23	R-1 3.3MEG. RESISTOR 1/2W 20%	6-3	ANT. TRIMMER CONDENSER.	LL-28	L-1 LOOP ANT.
1R-11	R-2 470M RESISTOR 1/2W 20%	6-4	OSC. TRIMMER CONDENSER.	L-2	L-2 OSC. COIL.
1R-14	R-3 150 RESISTOR 1/2W 20%	PC-2	C-1 .05 MFD. CONDENSER 200V.	LI-6	T-1 INPUT I.F. TRANSFORMER
1R-17	R-4 33 RESISTOR 1/2W 20%	MC-4	C-2 50 MMFD. MICA CONDENSER.	LI-7	T-2 OUTPUT I.F. TRANSFORMER
1R-21	R-5 330 RESISTOR 1/2W 20%	PC-9	C-3 .1 MFD. CONDENSER 400V.	T-3	T-3 SPK. OUTPUT TRANSFORMER
1R-9	R-6 22M RESISTOR 1/2W 20%	EC-24	C-4 50MFD. ELECTROLYTIC 150V.	SPK-19	V.C. VOICE COIL
VC-38	R-7 1 MEG. VOLUME CONTROL.		C-5 50MFD.	S	P.M. SPEAKER
1R-10	R-8 47M RESISTOR 1/2W 20%	MC-8	C-6 220MMFD.	CO-1	P LINE CORD.
1R-20	R-9 220M RESISTOR 1/2W 20%		C-7 .002MFD.	SW	AC SWITCH ON VOLUME CONTROL
1R-42	R-10 1000 RESISTOR 1W 20%		C-8 220MMFD.		
1R-13	R-11 2.2MEG. RESISTOR 1/2 20%	PC-10	C-9 .005MFD.		
GC-9B	G-1 G-2 GANG CONDENSER.		C-10 .005MFD. CONDENSER 400V.		