

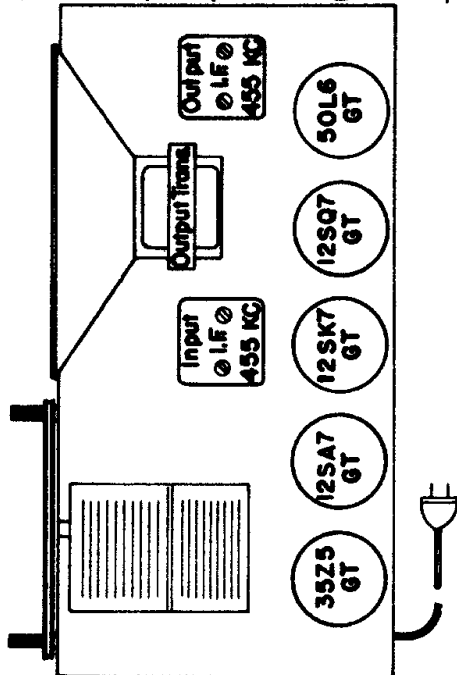
JOHN MECK INDUSTRIES, Inc., Plymouth, Indiana

I.F. ALIGNMENT: The step-by-step routine given below should be carefully followed after reading the preceding instructions:

1. The modulated oscillator must be tuned to 455 K.C.
2. Connect the high side of the oscillator output to the lug on the R.F. section of the gang condenser. The low side of the oscillator is connected to the chassis through a .01 condenser.
3. Set the gang condenser of the radio to 1720 on the dial and turn the volume control on full.
4. Adjust the four I.F. trimmers tuning each carefully to get the maximum deflection of the output meter. Reduce the oscillator output if the output meter goes off scale.
5. Repeat all four adjustments since the adjustment of each I.F. trimmer may effect the others to a certain extent.

VOLTAGE TABLE - Use high resistance voltmeter of 1000 ohms per volt

Type tube	1	2	3	4	5	6	7	8
12SA7	0	24AC	78	78	-7 to -12	0	12AC	-.65 to -1.2
12SK7	0	36AC	0	-.8 to -1.2	0	78	24AC	78
12SQ7	0	-.9 to -1.2	0	0	-.8 to -1.2	55	12AC	0
50L6	0	--	95	78	0	--	36AC	4 to 5
35Z5	-	82	--	78	115 AC	100	115 AC	110



Circuit Symbol	Part Number	Description
C1, C2	CV-10002	Condenser-Variable, with pulley
C1, C2	CV-10002-A	Condenser-Variable, with pulley
C1, C2	CV-10002-B	Condenser-Variable, with pulley
C1, C2	CV-10002-C	Condenser-Variable, with pulley
C3, C4, C10	CP-14503	Condenser-Paper, 0.05mfd. 400V
C5	CM-15500	Condenser-Mica, 0.00005mfd.
C6, C7	CM-15251	Condenser-Mica, 0.00025mfd.
C8, C9	CP-14103	Condenser-Paper, 0.01mfd. 400V
C11A, C11B, C11C	CL-10001	Condenser-Electrolytic 20/20/20 mfd 150V
R1	RC-32002	Resistor-Carbon, 20,000 ohms 1/2 watt
R2	RC-31005	Resistor-Carbon, 10 megohms 1/2 watt
R3	RC-32004	Resistor-Carbon, 2 megohms 1/2 watt
R4	VC-10103	Control-Volume, with switch, 1 megohm
R5	RC-32503	Resistor-Carbon, 250,000 ohms 1/2 watt
R6	RC-35003	Resistor-Carbon, 500,000 ohms 1/2 watt
R7	RC-31500	Resistor-Carbon, 150 ohms 1/2 watt
R8	RC-32000	Resistor-Carbon, 200 ohms 1/2 watt
R9	RC-31001	Resistor-Carbon, 1000 ohms 1/2 watt

CIRCUIT DIAGRAM

MODELS RC-5C5; RC-5C5-A; RC-5C5-8 and RC-5C5-C

