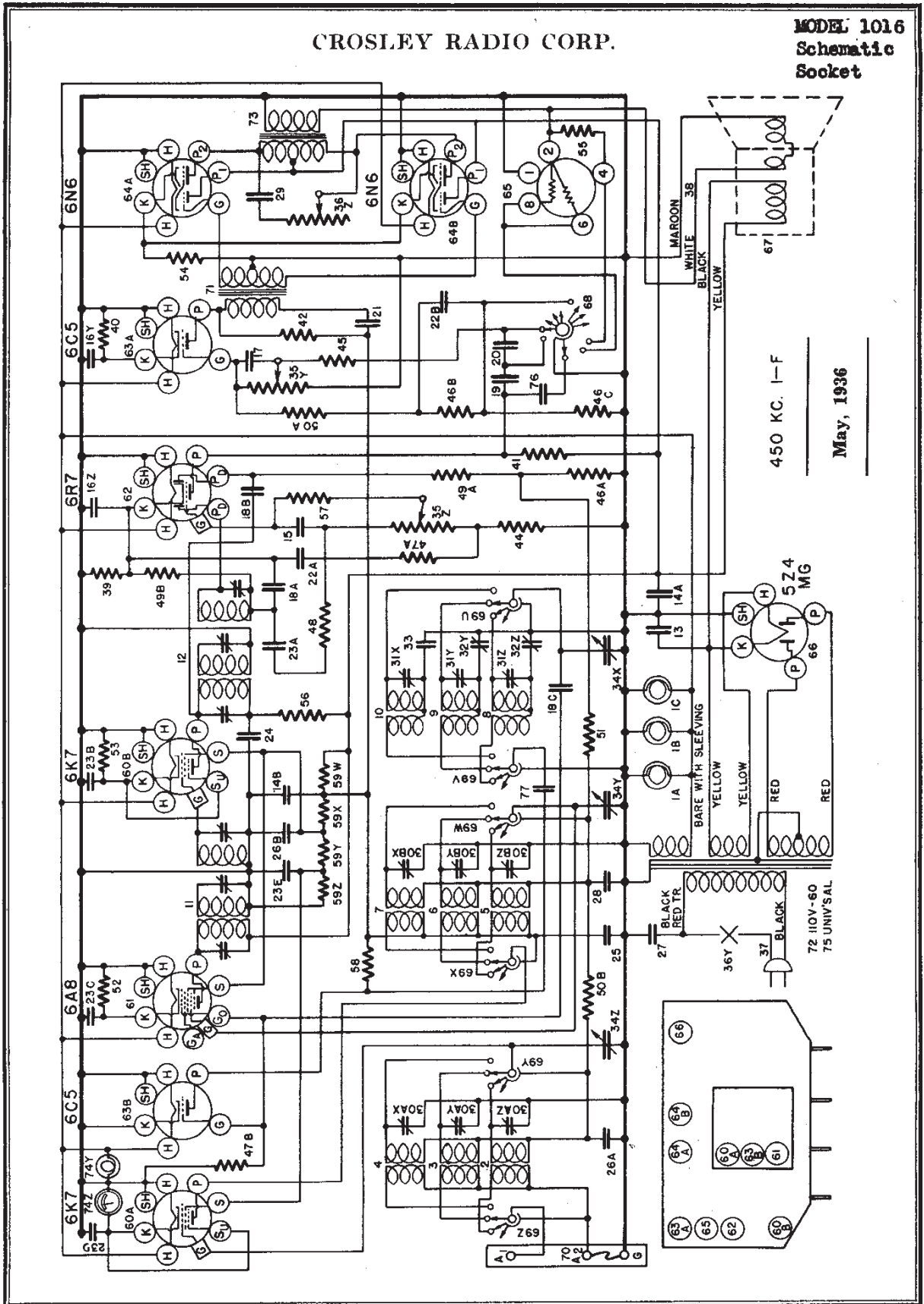


CROSLLEY RADIO CORP.

MODEL 1016
Schematic
Socket



450 KC. I-F
May, 1936

John F. Rider, Publisher

MODEL 1016
Socket, Trimmers
Chassis, Phono.

CROSLLEY RADIO CORP.

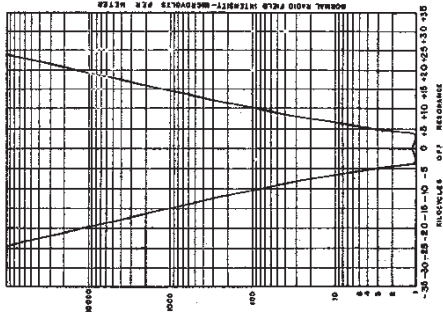


FIG. 6

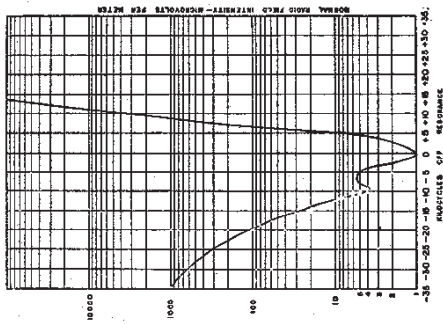


FIG. 5

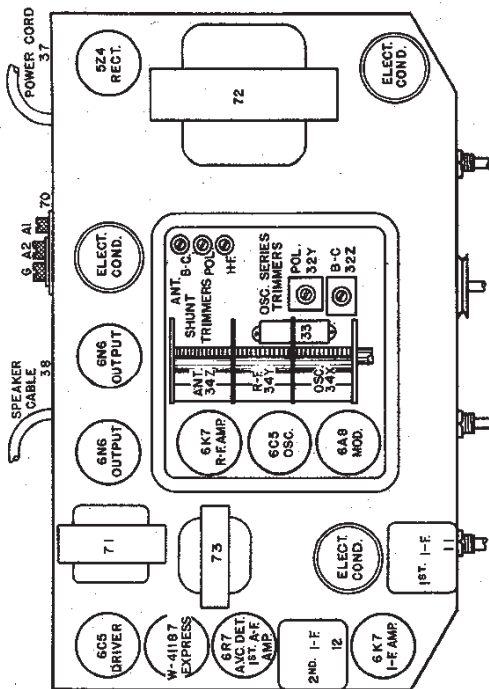


FIG. 2. Top View 1016

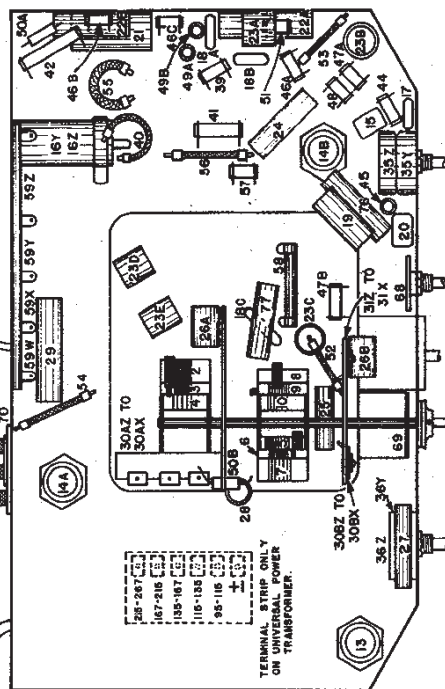


FIG. 3. Bottom View 1016

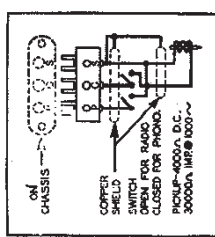


Fig. 7. Phonograph Pickup

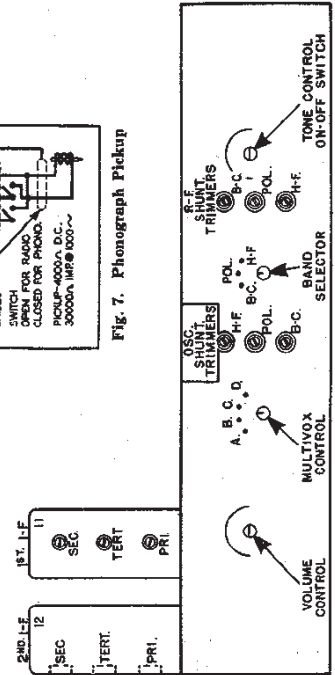


Fig. 4. Front View

CROSLEY RADIO CORP.

MODEL 1016
Alignment
Voltage, Parts

PARTS LIST—MODEL 1016

Figures in this column refer to parts in illustration.

Part No.	Description	Part No.	Description
1A5C	5Y4	37	Power Cord & Plug
2	6X4	38	Speaker Cable
3	6X5	39	Speaker Cabinet
4	6X6	40	Speaker, 1.00 Ohm
5	6X7	41	Speaker, 20,000 Ohm
6	6X8	42	Speaker, 20,000 Ohm
7	6X9	43	Speaker, 20,000 Ohm
8	6X10	44	Speaker, 20,000 Ohm
9	6X11	45	Speaker, 20,000 Ohm
10	6X12	46	Speaker, 20,000 Ohm
11	6X13	47	Speaker, 20,000 Ohm
12	6X14	48	Speaker, 20,000 Ohm
13	6X15	49	Speaker, 20,000 Ohm
14	6X16	50	Speaker, 20,000 Ohm
15	6X17	51	Speaker, 20,000 Ohm
16	6X18	52	Speaker, 20,000 Ohm
17	6X19	53	Speaker, 20,000 Ohm
18	6X20	54	Speaker, 20,000 Ohm
19	6X21	55	Speaker, 20,000 Ohm
20	6X22	56	Speaker, 20,000 Ohm
21	6X23	57	Speaker, 20,000 Ohm
22	6X24	58	Speaker, 20,000 Ohm
23	6X25	59	Speaker, 20,000 Ohm
24	6X26	60	Speaker, 20,000 Ohm
25	6X27	61	Speaker, 20,000 Ohm
26	6X28	62	Speaker, 20,000 Ohm
27	6X29	63	Speaker, 20,000 Ohm
28	6X30	64	Speaker, 20,000 Ohm
29	6X31	65	Speaker, 20,000 Ohm
30	6X32	66	Speaker, 20,000 Ohm
31	6X33	67	Speaker, 20,000 Ohm
32	6X34	68	Speaker, 20,000 Ohm
33	6X35	69	Speaker, 20,000 Ohm
34	6X36	70	Speaker, 20,000 Ohm
35	6X37	71	Speaker, 20,000 Ohm
36	6X38	72	Speaker, 20,000 Ohm
37	6X39	73	Speaker, 20,000 Ohm
38	6X40	74	Speaker, 20,000 Ohm
39	6X41	75	Speaker, 20,000 Ohm
40	6X42	76	Speaker, 20,000 Ohm
41	6X43	77	Speaker, 20,000 Ohm

TUBE SOCKET VOLTAGE READINGS

Tube	Function	H	I	F	S	K	C	G	K	C
6X7	RF Amplifier	6.3	221	—	138	—	—	—	—	—
6X5	Oscillator	6.3	144	—	158	—	—	—	—	—
6X6	Detector & 1st AF	6.3	280	—	—	—	—	—	—	—
6X7	2nd AF	6.3	150	—	—	—	—	—	—	—
6X8	3rd AF	6.3	150	—	—	—	—	—	—	—
6X9	4th AF	6.3	150	—	—	—	—	—	—	—
6X10	5th AF	6.3	150	—	—	—	—	—	—	—
6X11	6th AF	6.3	150	—	—	—	—	—	—	—
6X12	7th AF	6.3	150	—	—	—	—	—	—	—
6X13	8th AF	6.3	150	—	—	—	—	—	—	—
6X14	9th AF	6.3	150	—	—	—	—	—	—	—
6X15	10th AF	6.3	150	—	—	—	—	—	—	—
6X16	11th AF	6.3	150	—	—	—	—	—	—	—
6X17	12th AF	6.3	150	—	—	—	—	—	—	—
6X18	13th AF	6.3	150	—	—	—	—	—	—	—
6X19	14th AF	6.3	150	—	—	—	—	—	—	—
6X20	15th AF	6.3	150	—	—	—	—	—	—	—
6X21	16th AF	6.3	150	—	—	—	—	—	—	—
6X22	17th AF	6.3	150	—	—	—	—	—	—	—
6X23	18th AF	6.3	150	—	—	—	—	—	—	—
6X24	19th AF	6.3	150	—	—	—	—	—	—	—
6X25	20th AF	6.3	150	—	—	—	—	—	—	—
6X26	21st AF	6.3	150	—	—	—	—	—	—	—
6X27	22nd AF	6.3	150	—	—	—	—	—	—	—
6X28	23rd AF	6.3	150	—	—	—	—	—	—	—
6X29	24th AF	6.3	150	—	—	—	—	—	—	—
6X30	25th AF	6.3	150	—	—	—	—	—	—	—
6X31	26th AF	6.3	150	—	—	—	—	—	—	—
6X32	27th AF	6.3	150	—	—	—	—	—	—	—
6X33	28th AF	6.3	150	—	—	—	—	—	—	—
6X34	29th AF	6.3	150	—	—	—	—	—	—	—
6X35	30th AF	6.3	150	—	—	—	—	—	—	—
6X36	31st AF	6.3	150	—	—	—	—	—	—	—
6X37	32nd AF	6.3	150	—	—	—	—	—	—	—
6X38	33rd AF	6.3	150	—	—	—	—	—	—	—
6X39	34th AF	6.3	150	—	—	—	—	—	—	—
6X40	35th AF	6.3	150	—	—	—	—	—	—	—
6X41	36th AF	6.3	150	—	—	—	—	—	—	—
6X42	37th AF	6.3	150	—	—	—	—	—	—	—
6X43	38th AF	6.3	150	—	—	—	—	—	—	—
6X44	39th AF	6.3	150	—	—	—	—	—	—	—
6X45	40th AF	6.3	150	—	—	—	—	—	—	—
6X46	41st AF	6.3	150	—	—	—	—	—	—	—
6X47	42nd AF	6.3	150	—	—	—	—	—	—	—
6X48	43rd AF	6.3	150	—	—	—	—	—	—	—
6X49	44th AF	6.3	150	—	—	—	—	—	—	—
6X50	45th AF	6.3	150	—	—	—	—	—	—	—
6X51	46th AF	6.3	150	—	—	—	—	—	—	—
6X52	47th AF	6.3	150	—	—	—	—	—	—	—
6X53	48th AF	6.3	150	—	—	—	—	—	—	—
6X54	49th AF	6.3	150	—	—	—	—	—	—	—
6X55	50th AF	6.3	150	—	—	—	—	—	—	—
6X56	51st AF	6.3	150	—	—	—	—	—	—	—
6X57	52nd AF	6.3	150	—	—	—	—	—	—	—
6X58	53rd AF	6.3	150	—	—	—	—	—	—	—
6X59	54th AF	6.3	150	—	—	—	—	—	—	—
6X60	55th AF	6.3	150	—	—	—	—	—	—	—
6X61	56th AF	6.3	150	—	—	—	—	—	—	—
6X62	57th AF	6.3	150	—	—	—	—	—	—	—
6X63	58th AF	6.3	150	—	—	—	—	—	—	—
6X64	59th AF	6.3	150	—	—	—	—	—	—	—
6X65	60th AF	6.3	150	—	—	—	—	—	—	—
6X66	61st AF	6.3	150	—	—	—	—	—	—	—
6X67	62nd AF	6.3	150	—	—	—	—	—	—	—
6X68	63rd AF	6.3	150	—	—	—	—	—	—	—
6X69	64th AF	6.3	150	—	—	—	—	—	—	—
6X70	65th AF	6.3	150	—	—	—	—	—	—	—
6X71	66th AF	6.3	150	—	—	—	—	—	—	—
6X72	67th AF	6.3	150	—	—	—	—	—	—	—
6X73	68th AF	6.3	150	—	—	—	—	—	—	—
6X74	69th AF	6.3	150	—	—	—	—	—	—	—
6X75	70th AF	6.3	150	—	—	—	—	—	—	—
6X76	71st AF	6.3	150	—	—	—	—	—	—	—
6X77	72nd AF	6.3	150	—	—	—	—	—	—	—
6X78	73rd AF	6.3	150	—	—	—	—	—	—	—
6X79	74th AF	6.3	150	—	—	—	—	—	—	—
6X80	75th AF	6.3	150	—	—	—	—	—	—	—
6X81	76th AF	6.3	150	—	—	—	—	—	—	—
6X82	77th AF	6.3	150	—	—	—	—	—	—	—
6X83	78th AF	6.3	150	—	—	—	—	—	—	—
6X84	79th AF	6.3	150	—	—	—	—	—	—	—
6X85	80th AF	6.3	150	—	—	—	—	—	—	—
6X86	81st AF	6.3	150	—	—	—	—	—	—	—
6X87	82nd AF	6.3	150	—	—	—	—	—	—	—
6X88	83rd AF	6.3	150	—	—	—	—	—	—	—
6X89	84th AF	6.3	150	—	—	—	—	—	—	—
6X90	85th AF	6.3	150	—	—	—	—	—	—	—
6X91	86th AF	6.3	150	—	—	—	—	—	—	—
6X92	87th AF	6.3	150	—	—	—	—	—	—	—
6X93	88th AF	6.3	150	—	—	—	—	—	—	—
6X94	89th AF	6.3	150	—	—	—	—	—	—	—
6X95	90th AF	6.3	150	—	—	—	—	—	—	—
6X96	91st AF	6.3	150	—	—	—	—	—	—	—
6X97	92nd AF	6.3	150	—	—	—	—	—	—	—
6X98	93rd AF	6.3	150	—	—	—	—	—	—	—
6X99	94th AF	6.3	150	—	—	—	—	—	—	—
6X100	95th AF	6.3	150	—	—	—	—	—	—	—

Socket Alignment
6000 Kc.
2000 Kc.
American Broadcast Band (BLUE)
High-Frequency Band (GREEN)

... (b) Adjust the series trimmer, 33Y and 32Z Fig. 2, set the signal generator to the frequency indicated below and then tune-in the signal with the station selector for maximum output. At the time that any series trimmer is being adjusted rotate the station selector dial and knob slightly until no further improvement in output is observed. (c) Signal Input Frequencies:

TRIMMER
When aligning the RED and GREEN oscillators, the frequency of the signal generator should be set on the fundamental frequency rather than on the image frequency which is approximately 900 kilocycles less than the fundamental. To check on this, increase the frequency of the signal generator to 100 kilocycles and try to tune in the signal both at the generator frequency as indicated on the station selector dial and at approximately 1,900 kilocycles less than the indicated frequency. If the signal is stronger at the latter frequency, the signal can be tuned-in at both positions but much stronger at the correct position.

(b) To align the series trimmer, 33Y and 32Z Fig. 2, set the signal generator to the frequency indicated below and then tune-in the signal with the station selector for maximum output. At the time that any series trimmer is being adjusted rotate the station selector dial and knob slightly until no further improvement in output is observed. (c) Signal Input Frequencies:

PHANTOM CONDUCTOR (Aids Expansion)
The Phantom Conductor tube, illustration No. 65 is connected across the voice coil of the speaker. When Band and rotate the station selector to approximately 60 on the dial. Turn the volume control knob to the left (TUNE) and turn the Multivox control knob to the Auditioner Position (Third position in the clockwise direction).

(c) Set the signal generator to 450 kilocycles. (d) Close the middle trimmer condenser on the 2nd I.F. transformer, (See Fig. 4) so that it is moderately tight. (e) Adjust the top trimmer and then the bottom trimmer three or four turns from the closed position. (f) Adjust the top trimmer and then the bottom trimmer three or four turns from the closed position. (g) Adjust the top trimmer and then the bottom trimmer three or four turns from the closed position. (h) Adjust the top trimmer and then the bottom trimmer three or four turns from the closed position. (i) Adjust the top trimmer and then the bottom trimmer three or four turns from the closed position. (j) Adjust the top trimmer and then the bottom trimmer three or four turns from the closed position. (k) Adjust the top trimmer and then the bottom trimmer three or four turns from the closed position. (l) Adjust the top trimmer and then the bottom trimmer three or four turns from the closed position. (m) Adjust the top trimmer and then