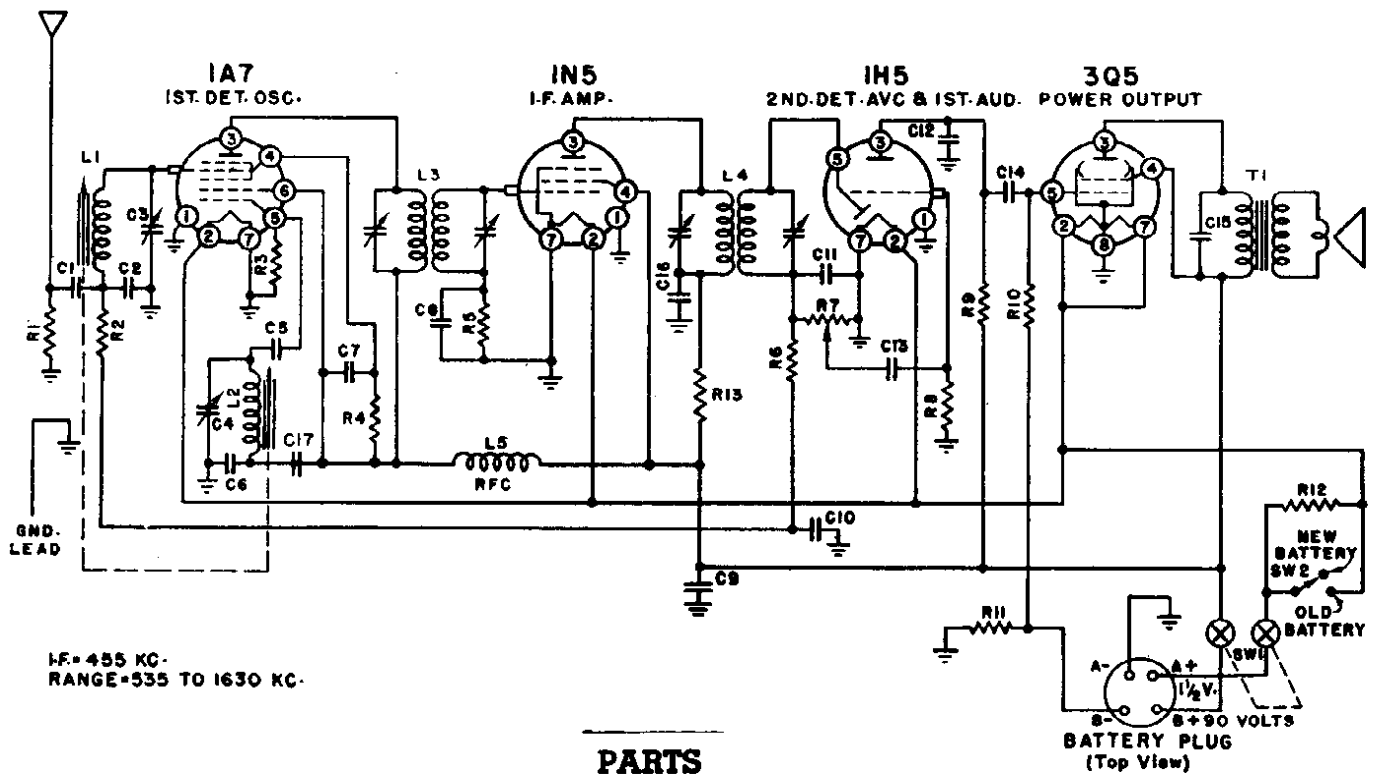


WESTERN AUTO SUPPLY CO.

MODEL D2762



PARTS

CONDENSERS

Symbol	Description	Part No.	Symbol	Description	Part No.
C1	Paper, .01 mfd. 400 Volts	64B1-25	L5	Choke Coil (RF)	AB103-1
C2	Mica, .0008 mfd. $\pm 10\%$	65B5-31	T1	Output Transformer	98A5
C3	Trimmer, Antenna	68A23-1			
C4	Trimmer, Oscillator	65B7-17			
C5	Mica, .0001 mfd. $\pm 20\%$	65B5-31			
C6	Mica, .0008 mfd. $\pm 10\%$	64B1-25			
C7	Paper, .01 mfd., 400 Volts	64B1-14			
C8	Paper, .002 mfd., 600 Volts	67A4-2			
C9	Elect., 4. mfd., 150 Volts	64B1-32			
C10	Paper, .05 mfd., 200 Volts	65B7-22			
C11	Mica, .00025 mfd. $\pm 20\%$	65B7-22			
C12	Mica, .00025 mfd. $\pm 20\%$	64B1-25			
C13	Paper, .01 mfd. 400 Volts	64B1-25			
C14	Paper, .01 mfd. 400 Volts	64B1-12			
C15	Paper, .005 mfd., 600 Volts	64B1-25			
C16	Paper, .01 mfd., 400 Volts	64B1-25			
C17	Paper, .01 mfd., 400 Volts	64B1-25			

RESISTORS

R1	15,000 ohm $\pm 10\%$, $\frac{1}{2}w$	60B8-153
R2	470,000 ohm $\pm 10\%$, $\frac{1}{4}w$	60B2-474
R3	220,000 ohm $\pm 10\%$, $\frac{1}{2}w$	60B8-224
R4	33,000 ohm $\pm 10\%$, $\frac{1}{2}w$	60B8-333
R5	4,700,000 ohm $\pm 10\%$, $\frac{1}{4}w$	60B2-475
R6	2,200,000 ohm $\pm 10\%$, $\frac{1}{4}w$	60B2-225
R7	1 Megohm Volume Control and Switch	75B1-1
R8	4,700,000 ohm $\pm 10\%$, $\frac{1}{4}w$	60B2-475
R9	1,000,000 ohm $\pm 10\%$, $\frac{1}{4}w$	60B2-105
R10	1,000,000 ohm $\pm 10\%$, $\frac{1}{4}w$	60B2-105
R11	390 ohm $\pm 10\%$, $\frac{1}{4}w$	60B2-391
R12	0.75 ohm $\pm 10\%$, $\frac{1}{4}w$ (wire)	61A2-1
R13	2200 ohm $\pm 10\%$, $\frac{1}{4}w$	60B2-222

TRANSFORMERS and COILS

L1	Antenna Coil	AC105-1
L2	Oscillator Coil	A1020
L3	1st I.F. Transformer	72B5
L4	2nd I.F. Transformer	72B6

MISCELLANEOUS

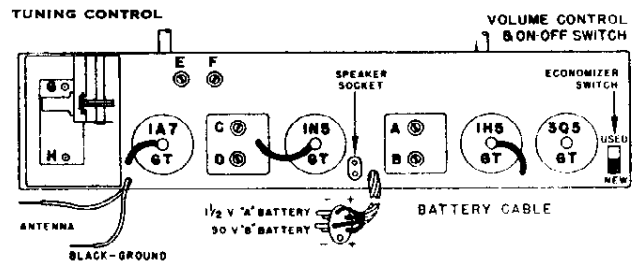
Description	Part No.
Background, Dial	X22C5-1
Cabinet, D2762 (Plastic)	34D9
Cable, Battery (complete with plug)	A1026
Cap, Grid	90A1-2
Clip, Dial Glass	18A2
Cord, Dial (5" on tuner and 63" on dial drive)	50A1-3
Dial Scale, Glass	21B24
Drum and Hub, Tuning	A1035
Grille Cloth	36B3-1
Iron Slug, with wire (Oscillator)	71B1-3
Iron Slug, with wire (Antenna)	71B1-4
Knob	33A10-2
Plug, Battery, 5 Prong	88A4-4
Pointer, Dial	25A9-1
Pulley, Fibre Dial	17A1-3
Screw Studs (for iron cores)	27A4
Shaft, Tuning	28A1-1
Shaft and Pulley (Tuner)	A1040
Shield, Tube	87A8
Socket, Octal Tube	87A5-1
Socket, Speaker	87A4-3
Speaker and Output Transformer	78B15-2
Speaker Guard	36A5-2
Spring, Dial Drum Cord Tension	19B1-7
Spring, Hairpin (To hold Ant. or Osc. Coils)	19A3-1
Spring, Tuner Slide Cord Tension	19A1-4
Spring, Tuner, back bearing takeup	19A6
Spring, Tuner, front bearing takeup	19A5
Spring, Tuner Slide Pressure	18A9
Switch, SPST (Economizer) SW2	77B1-6 or 77B1-15
Washer, C	4A4-1
Washer, spring (coils)	4A6-12-0
Washer, spring (shaft)	4A6-3-9

MODEL D2762

WESTERN AUTO SUPPLY CO.

ALIGNMENT PROCEDURE

- **IMPORTANT**—Check to see that dial pointer reaches each end of dial scale when Station Selector Control is turned from one end to the other.
- **Volume control**—Maximum for all adjustments.
- **Connect dummy antenna valve in series with generator with a short heavy lead.**
- **Connect dummy antenna valve in series with generator output lead, when needed (see below).**
- **Connect output meter across voice coil of speaker.**
- **Allow chassis and signal generator to warm up for several minutes.**



- Use lowest Output setting of Signal Generator capable of producing adequate Output Meter indication and then proceed as indicated in the chart below.

Band	Signal Generator Frequency	Dummy Antenna	Connection to Radio	Receiver Dial Setting	Trimmers Adjusted (in Order Shown)	Trimmer Function	Type of Adjustment
L F.	455 KC.	.1 MFD.	Grid of 1A7 (Cap)	High frequency end of dial	C-D—2nd LF.	Output L.F.	Adjust to maximum output
	455 KC.	.1 MFD.	Grid of 1A7 (Cap)	High frequency end of dial	A-B—1st LF.	Input L.F.	Adjust to maximum output
BROAD-CAST	1630 KC.	.0002 MFD.	Antenna Lead	High frequency end of dial	E—(See note below) F—(See note below)	Oscillator Antenna	Adjust to maximum output
	1300 KC.	.0002 MFD.	Antenna Lead	1300 KC.	G H	Oscillator Antenna	Adjust to maximum output

NOTE: Before adjusting trimmers "E" and "F", make sure that each iron core is $1\frac{1}{4}$ " or more outside of its coil form. If necessary, turn adjustments "G" and "H" to accomplish this.

VOLTAGE DATA

All readings made between tube socket terminals and chassis. 1A7—1st Det. Osc. 1H5—2nd Det., A.V.C. and 1st Audio.
 Voltages indicated have been obtained using a Vacuum Tube Voltmeter. A second voltage reading is shown made with a 1000 ohm-per-volt meter, when use of this instrument would result in appreciably lower readings. The voltages were measured using a fresh battery, volume control full on, dial at the high frequency end, and no signal.

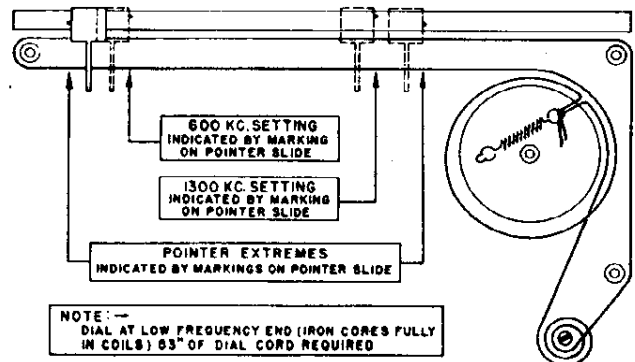
1A7—1st Det. Osc.

1H5—2nd Det., A.V.C. and 1st Audio.

1N5—I. F. Amplifier

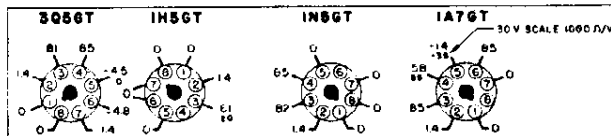
3Q5—Power Output.

POINTER SETTINGS AND DIAL CORD STRINGING

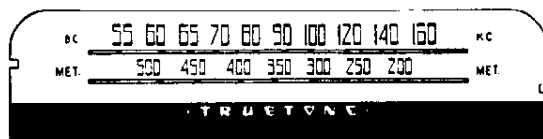


VOLTAGE CHART

BOTTOM VIEW

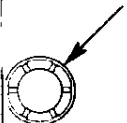


BACK OF CHASSIS



VOLUME CONTROL AND ON-OFF SWITCH

STATION SELECTOR CONTROL

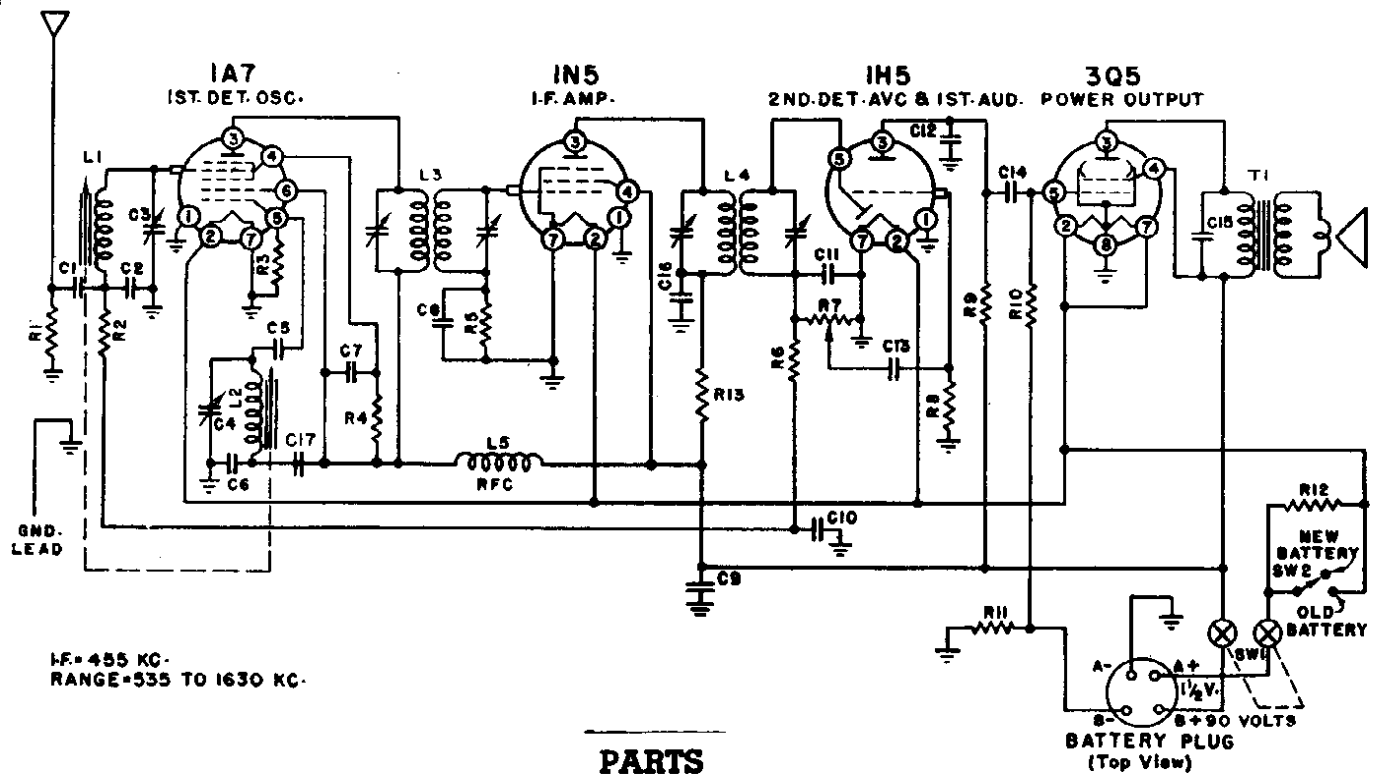


POWER SUPPLY

This receiver is designed to operate on a single unit Ensign AB48, Ray-O-Vac No. AB-82, Burgess 17G-D80, Eveready 748, Bond 0528 or General 60DL-11L Battery. No other batteries are required as this battery is a combination 90 volt "B" battery and a $1\frac{1}{2}$ volt "A" battery. The life of this battery is approximately 750 hours. The "A" and "B" sections are so proportioned that equal life may be expected from both. The "A" section will give satisfactory performance as low as 1.2 volts and the "B" section as low as .68 volts. This battery life may be expected with an average usage of several hours daily. If the reception becomes weak when the Economizer Switch is in the "USED" position, a new battery should be installed. A battery compartment is provided in the rear of the cabinet, and the battery cable simply plugs into the battery.

WESTERN AUTO SUPPLY CO.

MODEL D2762



PARTS

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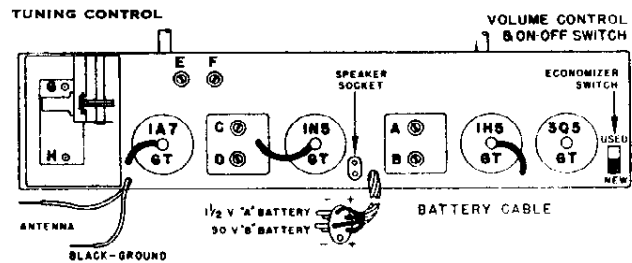
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MODEL D2762

WESTERN AUTO SUPPLY CO.

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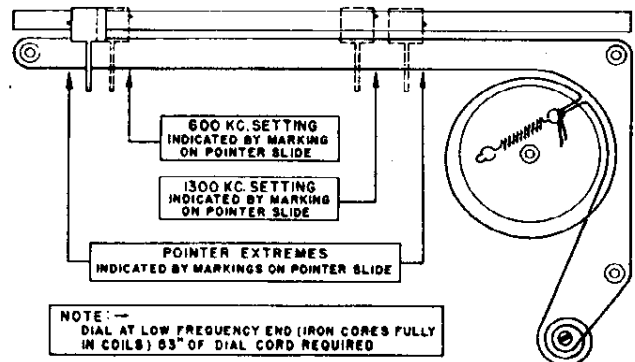
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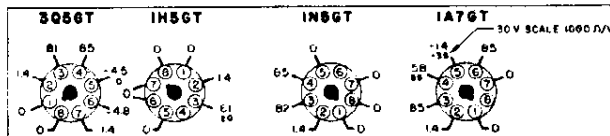
3Q5—Power Output.

POINTER SETTINGS AND DIAL CORD STRINGING

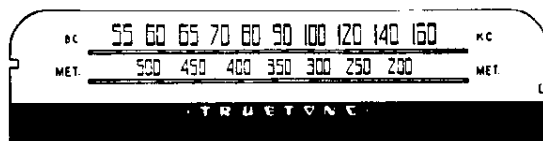


VOLTAGE CHART

BOTTOM VIEW

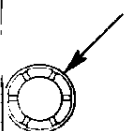


BACK OF CHASSIS



VOLUME CONTROL AND ON-OFF SWITCH

STATION SELECTOR CONTROL



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