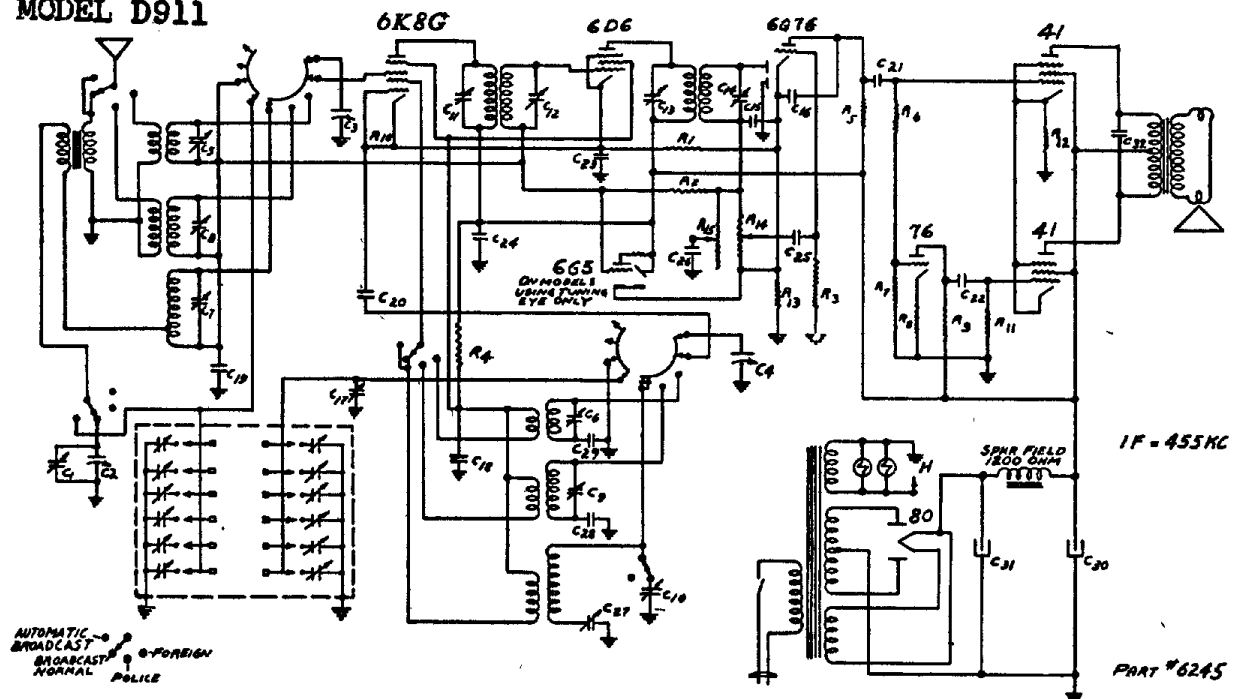


# WESTERN AUTO SUPPLY CO.

MODEL D911



Symbol	Part No.	Description	Symbol	Part No.	Description
C1		Trimmer on variable	R4	6299	10M ohm 1 W.
C2, 3, 4	5092	3-gang 362 mmfd. variable	R5	2730	200M ohm 1/3 W.
C5, 6	1611	3-35 mmfd. trimmer	R6	2881	400M ohm 1/3 W.
C7, 8, 9, 10	2597	1-10 mmfd. trimmer	R7	2880	100M ohm 1/3 W.
C11, 12, 13, 14		I.F. Trimmers	R8	2883	5M ohm 1/3 W.
C15, 16	4810	.0005 mfd. 400 V. paper	R9, 10	631	50M ohm 1/3 W.
C17	3157	1-10 mmfd. isolantite trimmer	R11	2731	500M ohm 1/3 W.
C18, 19	572	.1 mfd. 200 V. paper	R12	5184	315 ohm 1 W. 5% Flexohm
C20	2780	50 mmfd. Mica	R13	2689	100 ohm 1/3 W.
C21, 22	576	.02 mfd. 400 V.		2647	(50 ohm 1/3 W. in models equipped with tuning eye)
C23, 24	2792	.2 mfd. 200 V.	R14	5100	500M ohm volume control
C25	568	.01 mfd. 400 V.	R15	5099	2 meg. tone control
C26	2695	.003 mfd. 600 V.		5091	Power transformer
C27	2560	350 mmfd. Var. padder		3463-5	1st I.F. transformer
C28	2741	1330 mmfd. padder		3463-6	2nd I.F. transformer
C29	2793	.006 mfd. 600 V. padder		2845	Broadcast antenna coil
C30	5101	16 mfd. 225 W.V. reg. elect.		5095	Short wave antenna coils
C31	3285	16 mfd. 350 W.V. elect.		5096	Oscillator coils
C32	824	.002 mfd. 600 V. paper		5185	8-inch speaker
R1	2605	200 ohm 1/3 W.		6249	Push button trimmer tuner
R2, 3	624	1 meg. 1/3 W.		2163	Drive cable
				5121	Call letter sheet

## Model 277 ANTENNA

For best results, it is recommended that a good outdoor antenna be installed. Do not use an old antenna as most of the older installations were not intended for reception of short waves, and many are not suitable for good broadcast reception.

The average length of a single wire antenna, including lead-in, should be not less than fifty feet. In locations near powerful broadcast stations, this length may be shortened to thirty-five feet. In more favorable locations, seventy-five feet should be used.

Regardless of its length, the antenna and lead-in should be spaced well away from the roof, sides of the building, trees, and power lines. Stand-off insulators should be used to hold the lead-in wire at least six inches from the building, and the lead should be brought into the building through a porcelain tube insulator. The receiver should be located as near to the point where the lead-in is brought through the wall as is conveniently possible.

Indoor antennae will give good broadcast reception except in steel frame buildings. However, foreign reception will not be satisfactory unless an outdoor antenna is provided.

When a lightning arrestor is used, it must be of a special low-capacity type so that foreign reception will not be impaired.

## TUBES

Tubes required are:

- 1—6K8G Oscillator-translator
- 1—6D6 Intermediate Frequency Amplifier
- 1—6Q7G Detector AVC—First Audio Amplifier

1—76 Driver—Phase Inverter

2—41 Power Output

1—80 Rectifier

1—6G5 Cathode Ray Tuning Tube (on models equipped with "eye" tuning indicator)