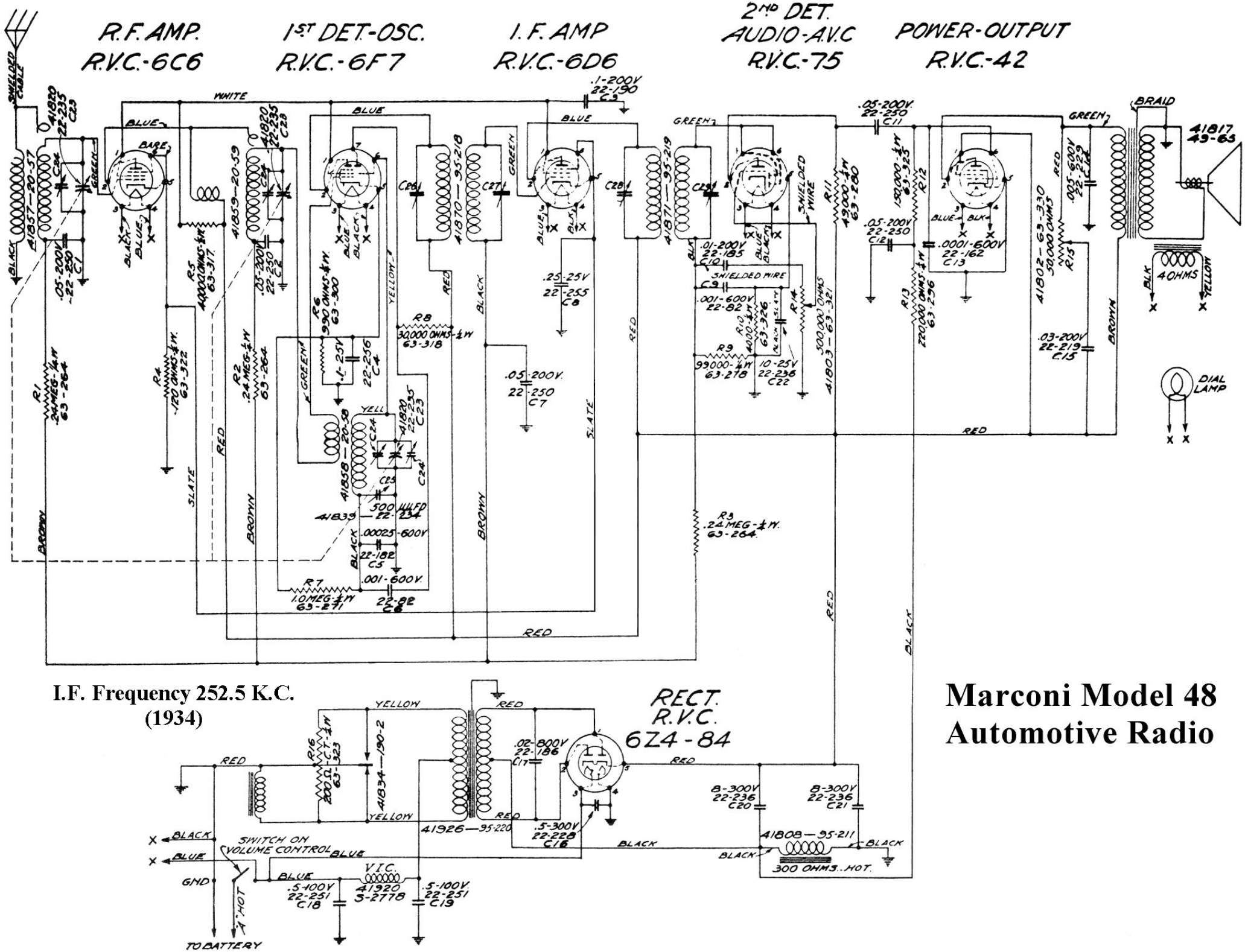
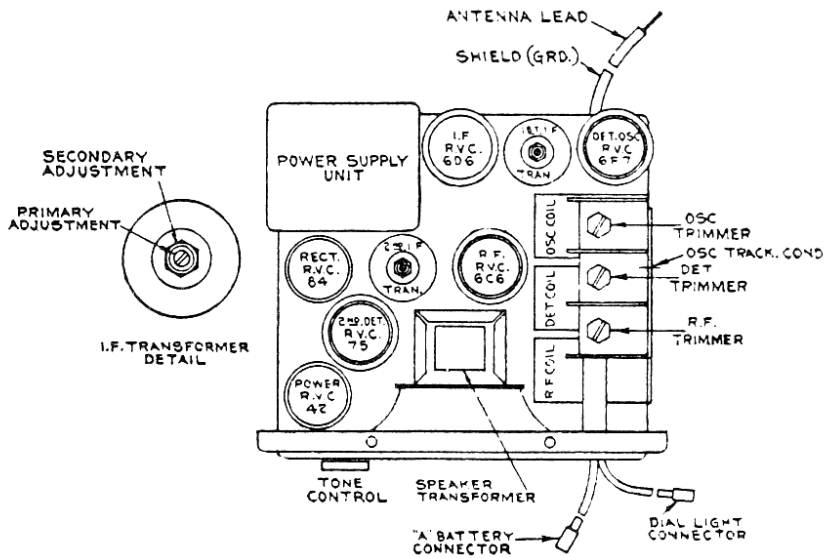


I.F. Frequency 252.5 K.C.
(1934)

Marconi Model 48
Automotive Radio

Marconi Model 48 Automotive Radio



TUBE OPERATING VOLTAGES

Position	Tube	Ef	Ek	Eg^1	Eg^2	Eg^3	Ep
R. F. Amplifier	6C6	5.6	1.5	*	1.5	72	174
1st Det.-Osc.	6F7	5.6	3.5	0	3.5	72	Det. 174 / Osc. 130
I.F. Amplifier	6D6	5.6	1.5	*	1.5	72	174
2nd Det. A.V.C.	75	5.6	1.2	0	0	—	156
Power Amp.	42	5.6	0	—11.5	0	174.6	165
Rectifier	6Z4	5.6	174.6	—	—	—	—

f—Filament; k—Cathode; g^1—Control Grid; g^2—Suppressor Grid; g^3—Screen Grid; p—Plate; *—Depends on applied signal strength. All voltages measured from indicated points to ground. Battery voltage 6 volts.

RESISTANCE FROM SOCKET PINS

Tube Type	To Chassis						To Rect. Pin 5	
	Cap	Pin 1	Pin 2	Pin 5	Pin 6	Pin 7	Pin 1	Pin 2
R.F. 6C6	579,000	1 Meg.*	1 Meg.*	120	120	—	40,000	0
Det. Osc. 6F7.....	579,000	"	"	990	1 Meg.	1 Meg.*	40,000	48.5
I.F. 6D6.....	339,000	"	"	120	120	—	40,000	46.5
2nd Det. 75.....	0-500,000	99,000	"	4,000	99,000	—	1 Meg.†	49,000
Power 42.....	—	1 Meg.*	"	0	370,000	—	0	540
Rect. 6Z4.....	—	600	600	1 Meg.*	—	—	1 Meg.†	1 Meg.†

*Approx. (Filter condenser leakage when Neg. of testing battery is connected to Chassis).
† " (" " " " Pos. " " " " " " Pin. 5).