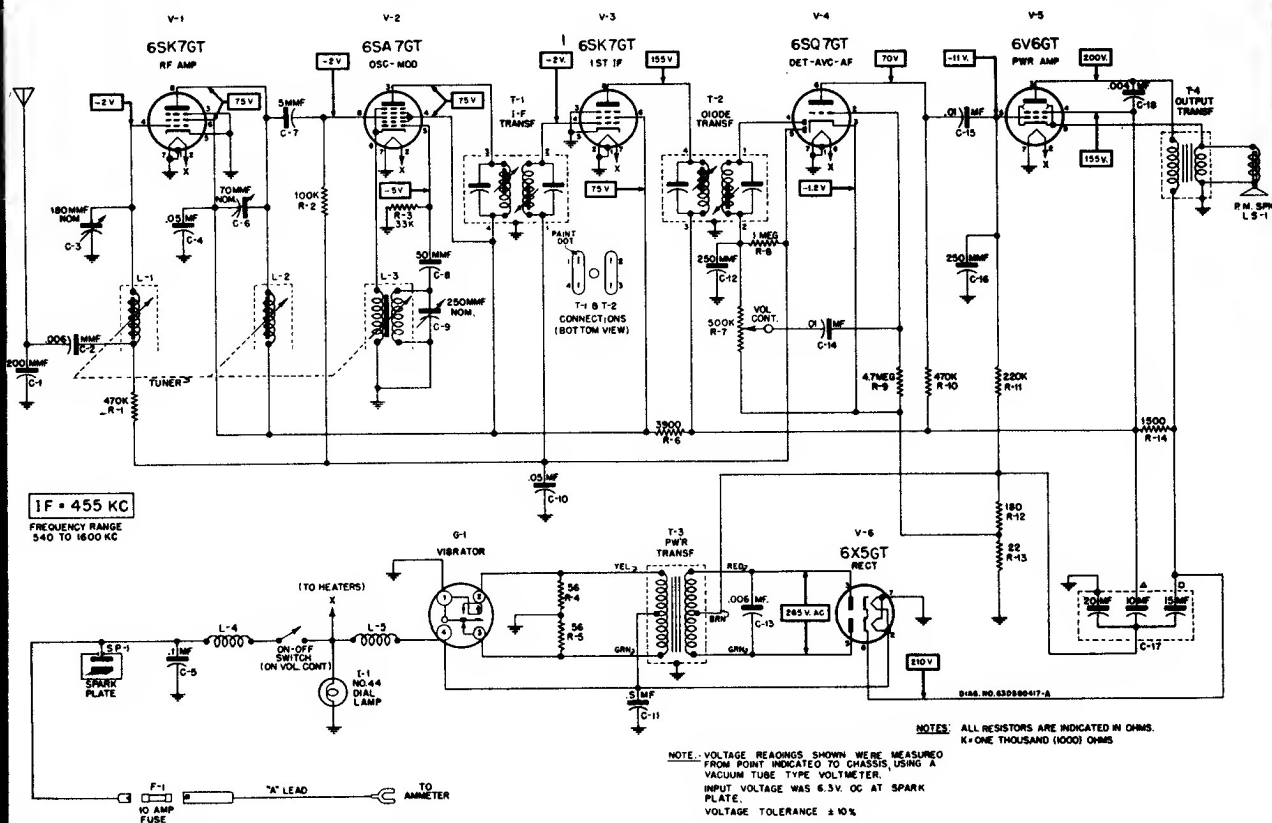
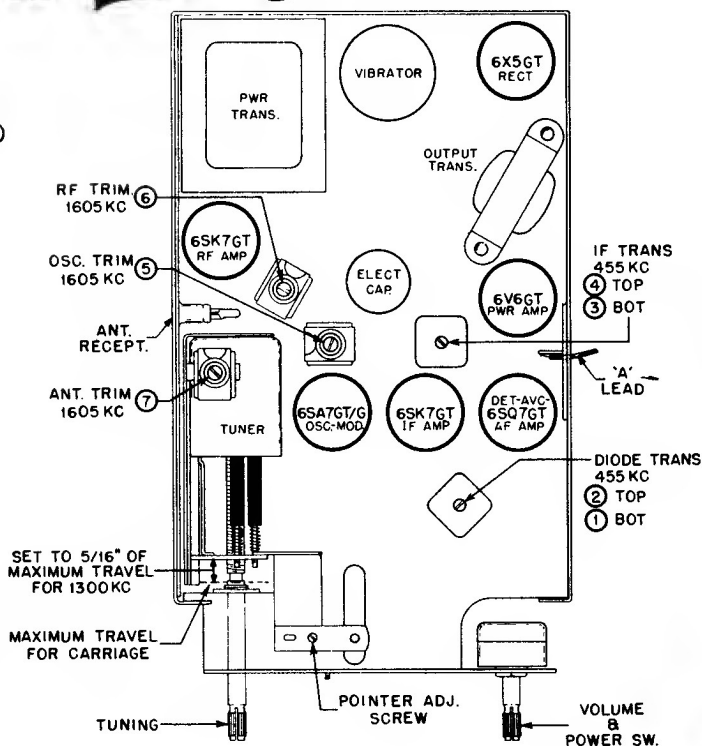
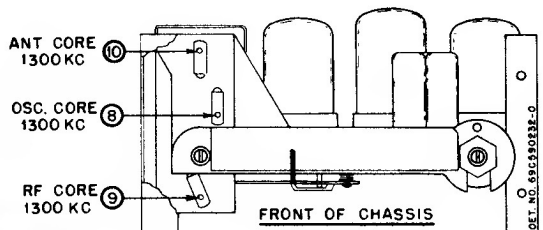


Motorola **AUTO** Radio

MODEL 309

Universal auto receiver for under dash mounting. Model 400 receiver is similar but uses miniature tubes as indicated in the chart below:

FUNCTION	309	400
R.F. Amplifier	6SK7GT	6BA6
Oscillator	6SA7GT	6BE6
I.F. Amplifier	6SK7GT	6BA6
Det.-Audio Amp.	6SQ7GT	6AV6
Power Amplifier	6V6GT	6AS5
Rectifier	6X5GT	6X4

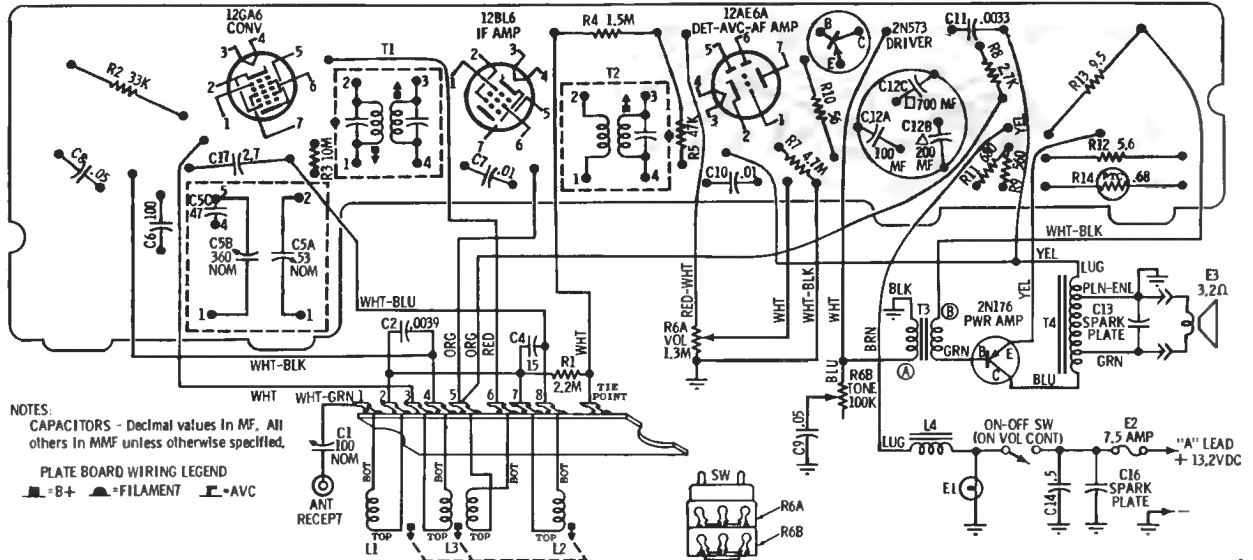
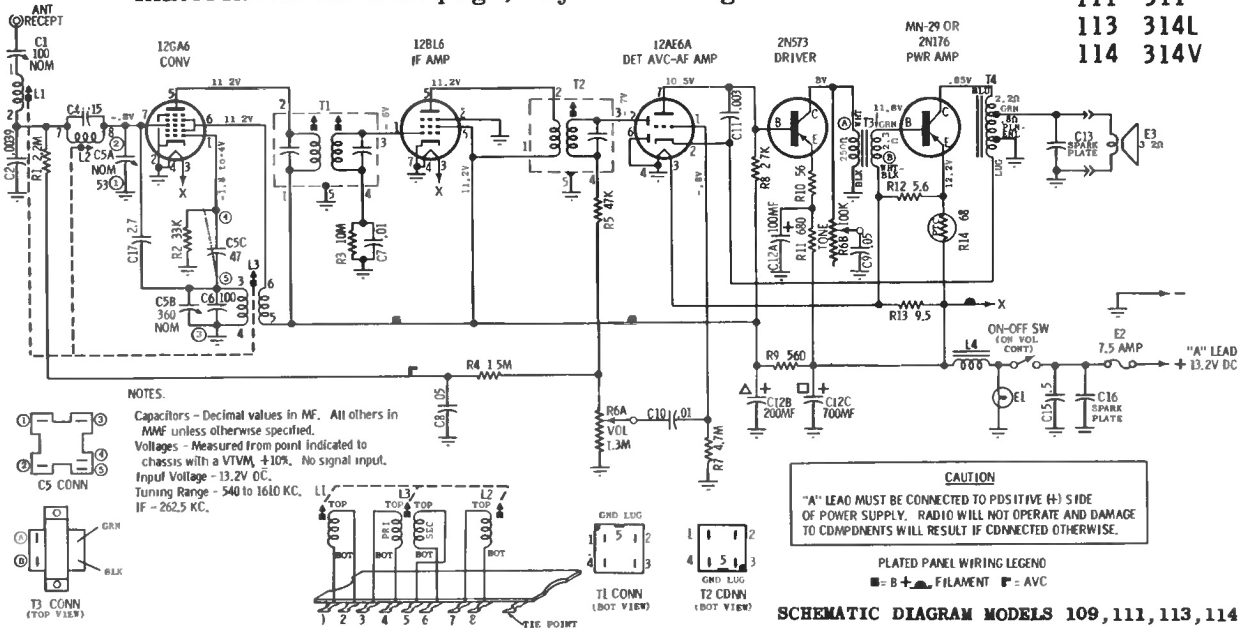


MOTOROLA INC.

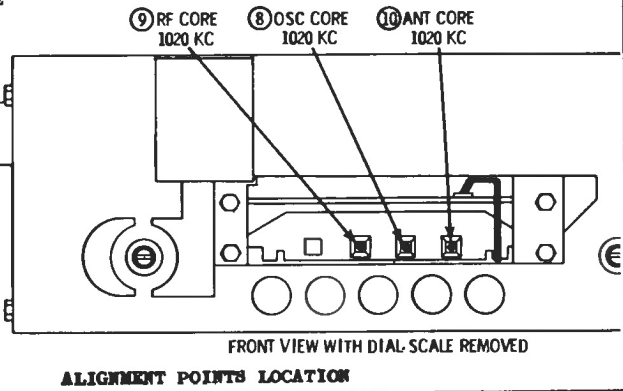
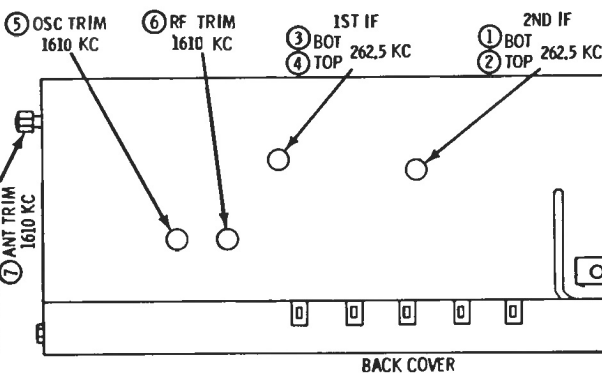
Schematic diagram for some models and other service material on the next page, adjacent at right.

MODELS

MoPar	
109	309
111	311
113	314L
114	314V



PLATED CHASSIS BOARD WIRING AS VIEWED FROM BOTTOM SIDE



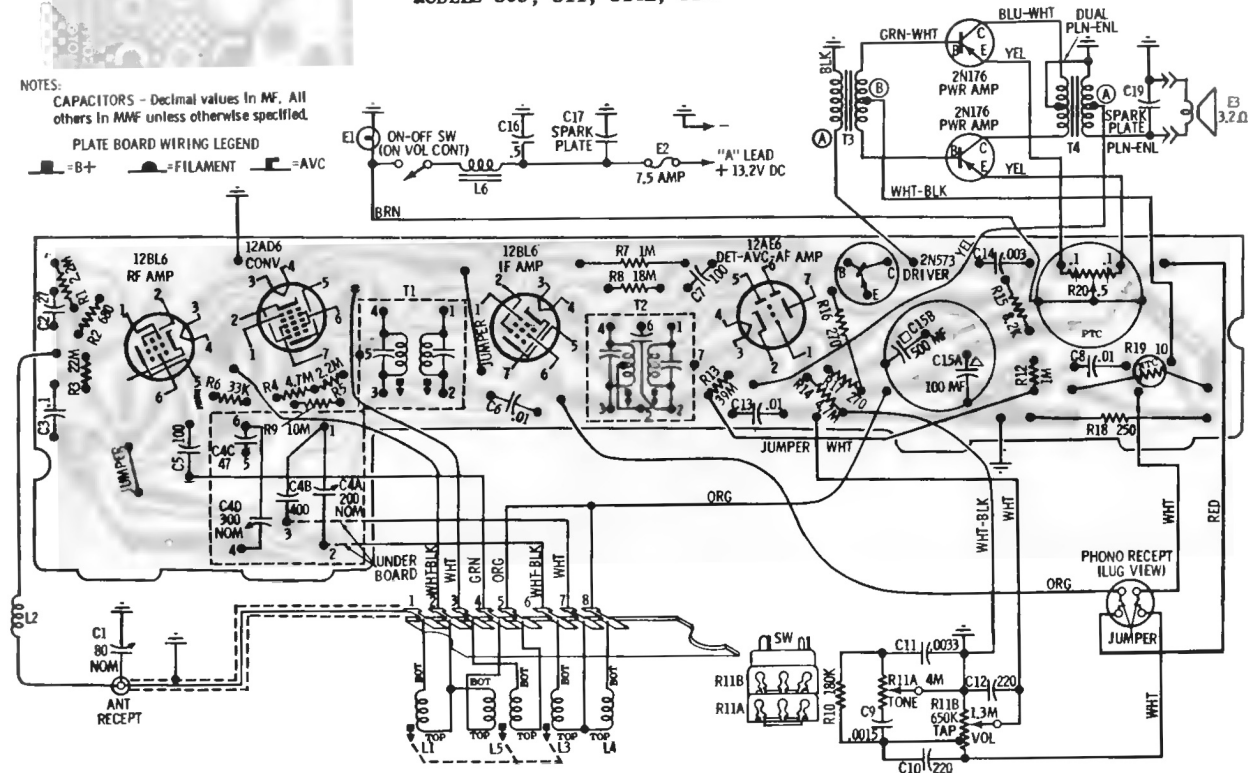
MOTOROLA Models 109, 111, 113, 114, 309, 311, 314L, 314V, Continued

PLATED CHASSIS BOARD GROUND CONNECTIONS AS SEEN THRU BOARD FROM WIRING SIDE MODELS 309, 311, 314L, 314V

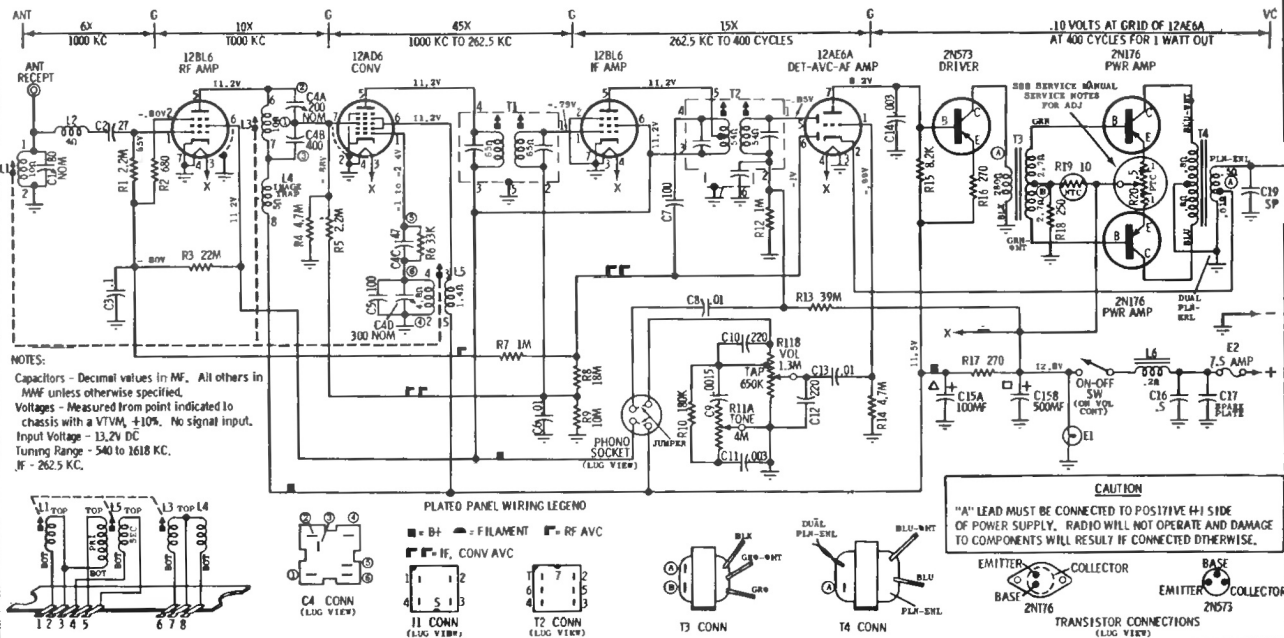
NOTES:
CAPACITORS - Decimal values in MF. All others in MMF unless otherwise specified.

PLATE BOARD WIRING LEGEND

— = B+ — = FILAMENT — = AVC



PLATED CHASSIS BOARD WIRING AS VIEWED FROM BOTTOM SIDE (COMPONENTS SHOWN ARE ON OPPOSITE SIDE).



PLATED PANEL WIRING LEGEND

— = B+ — = FILAMENT — = RF AVC
— = IF, CONV AVC

