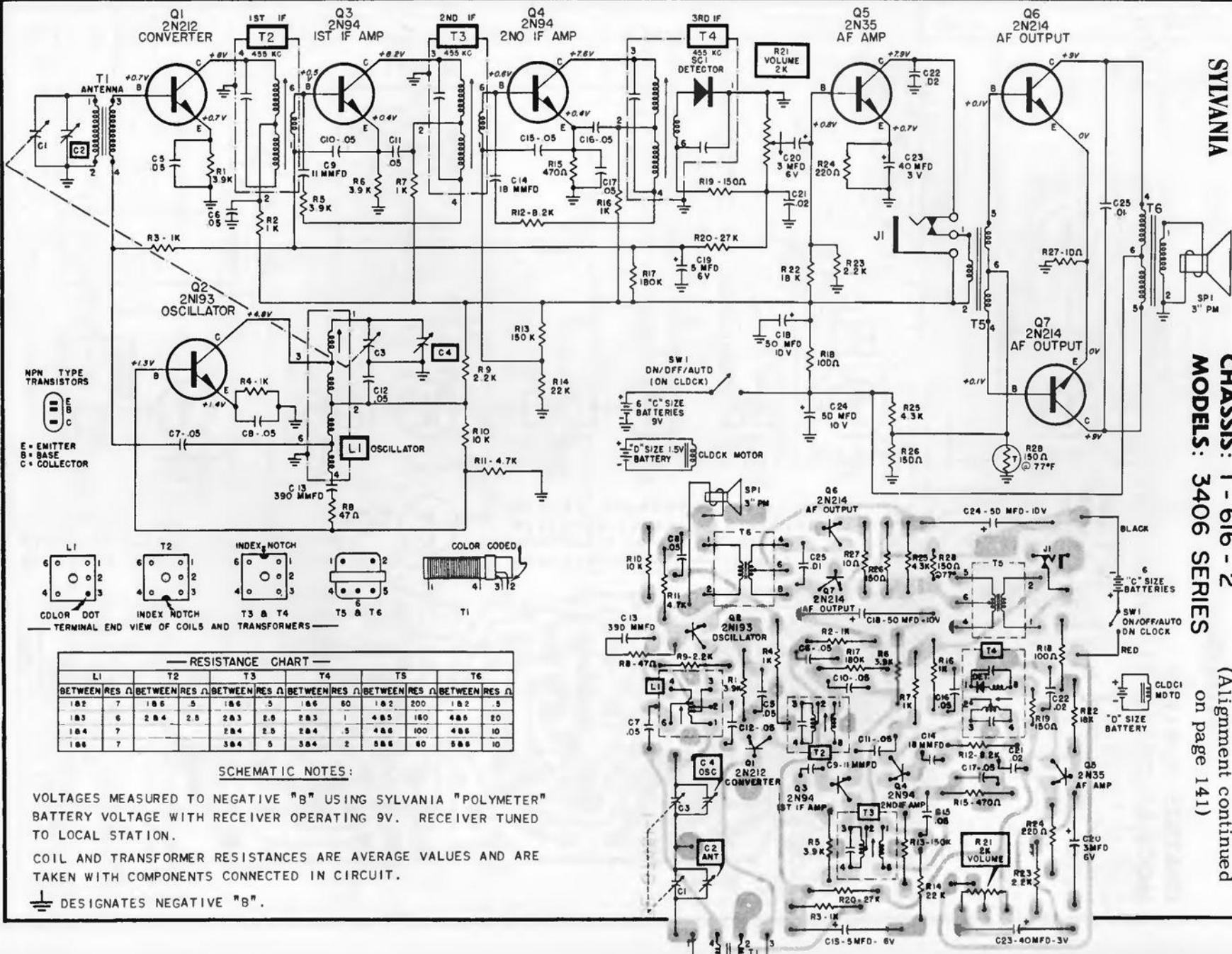


SYLVANIA

CHASSIS: 1 - 616 - 2  
MODELS: 3406 SERIES

(Alignment continued  
on page 141)



## SYLVANIA Chassis 1-616-2, Model 3406, Alignment (Continued)

### CHASSIS REMOVAL

1. Remove volume and tuning knobs by pulling straight out.
2. Unsnap buttons securing back flap, lift flap and remove large battery case as far as leads permit.
3. Remove four (4) nuts and insulating washers securing chassis to case, (2)

located left edge of board, (1) located center of board and (1) located lower right corner of board. Remove chassis from case. (Speaker and clock lead lengths permit removal of chassis from case without unsoldering. If necessary to remove chassis from case completely, identify all leads, unsolder speaker leads at speaker, clock leads at terminals on chassis.

### ALIGNMENT PROCEDURE

	ALIGNMENT SETUP NOTES	TEST EQUIPMENT HOOKUP	ADJUST FOR MAXIMUM VOLUME
1.	Set variable tuning capacitor plates fully open (minimum capacity).	SIGNAL GENERATOR - radiate signal to receiver through a loop consisting of several turns of wire in series with a 150 Ohm resistor. Set generator frequency at 455 KC.	In order shown T4, T3, T2.  Repeat for optimum performance.
2.	Set dial to approximately 1650 KC.	SIGNAL GENERATOR - radiated to receiver as in step 1. Set generator frequency at 1650 KC.	C4 (oscillator trimmer)
3.	Set dial to a frequency between 1400 KC and 1500 KC.	SIGNAL GENERATOR - radiated to receiver as in step 1. Set generator to a frequency corresponding to receiver dial (until signal is heard) through receiver speaker.)	C2 (antenna trimmer)
4.	Set dial to 600 KC.	SIGNAL GENERATOR - radiated to receiver as in step 1. Set generator to 600 KC and tune for maximum volume.	L1 (oscillator coil) while simultaneously rocking tuning capacitor through the 600 KC position.