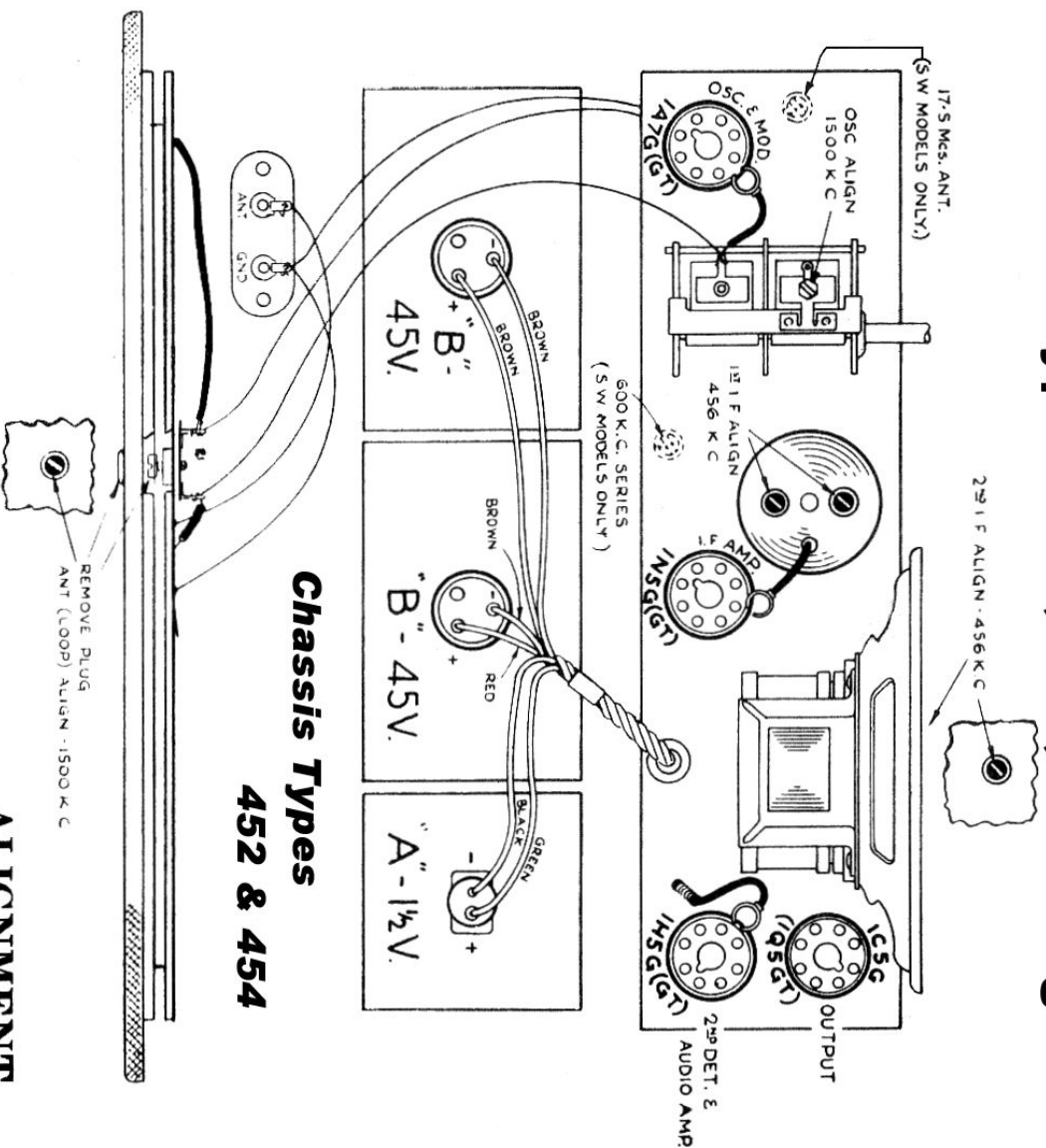


Chassis Types 452, 453, 454 Alignment

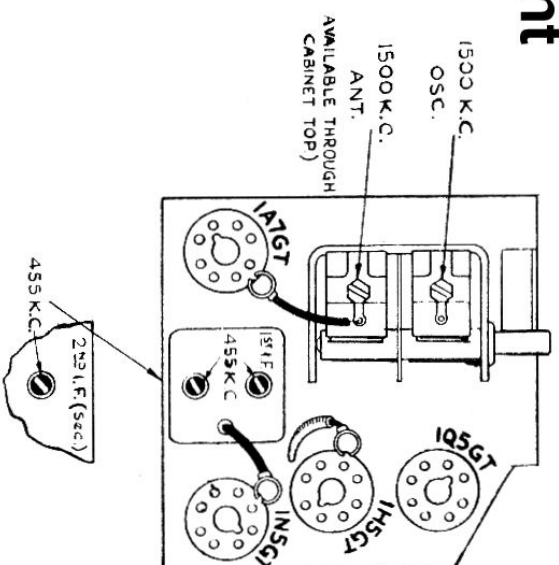


Chassis Types

452 & 454

ALIGNMENT

- I. F.—Set dial pointer to 1,000 kc. and turn volume control to maximum position. Connect signal generator through a .1 mfd. condenser to grid of 1A7G tube. With generator at 456 kc. reducing the output as required, adjust I. F. trimmers for maximum reading.
 - R. F.—Set dial pointer at 1,500 kc. with generator set to 1,500 kc., drape generator output lead over receiver cabinet. Adjust the oscillator trimmer on gang condenser for maximum reading. Remove plug button from back (or top) of set and adjust loop (antenna) padder for maximum reading.
- NOTE:** Loop trimmer must be peaked at 1,500 kc. whenever batteries are moved or external antenna connected.
- S. W.—Pad 600 kc. series trimmer (rocking gang) for maximum with Band Switch in broadcast position. Apply 1,500 kc. signal to loop and peak loop trimmer (antenna) and peak Oscillator trimmer for maximum signal. The short-wave oscillator is also governed by this latter adjustment. Some compromise between maximum sensitivity and dial logging may be necessary to secure proper tracking of broadcast and short-wave bands. Adjust generator to 17.5 mcs. with band switch in short-wave position and peak S. W. Antenna trimmer for maximum. An external antenna must be connected for short-wave reception.



TUBE LOCATIONS & ALIGN. POINTS.

Chassis Type 453

Alignment Instructions for Rogers Models 14/40, 14-42, 14/43, 14/44. Majestic Models 940, 942, 943, 944. De Forest Models Plaza, Vendome, Palace, Mayfair. **NOTE:** S.W. Alignment applies to Rogers 14/44, Majestic 944 and De Forest "Mayfair" models only.