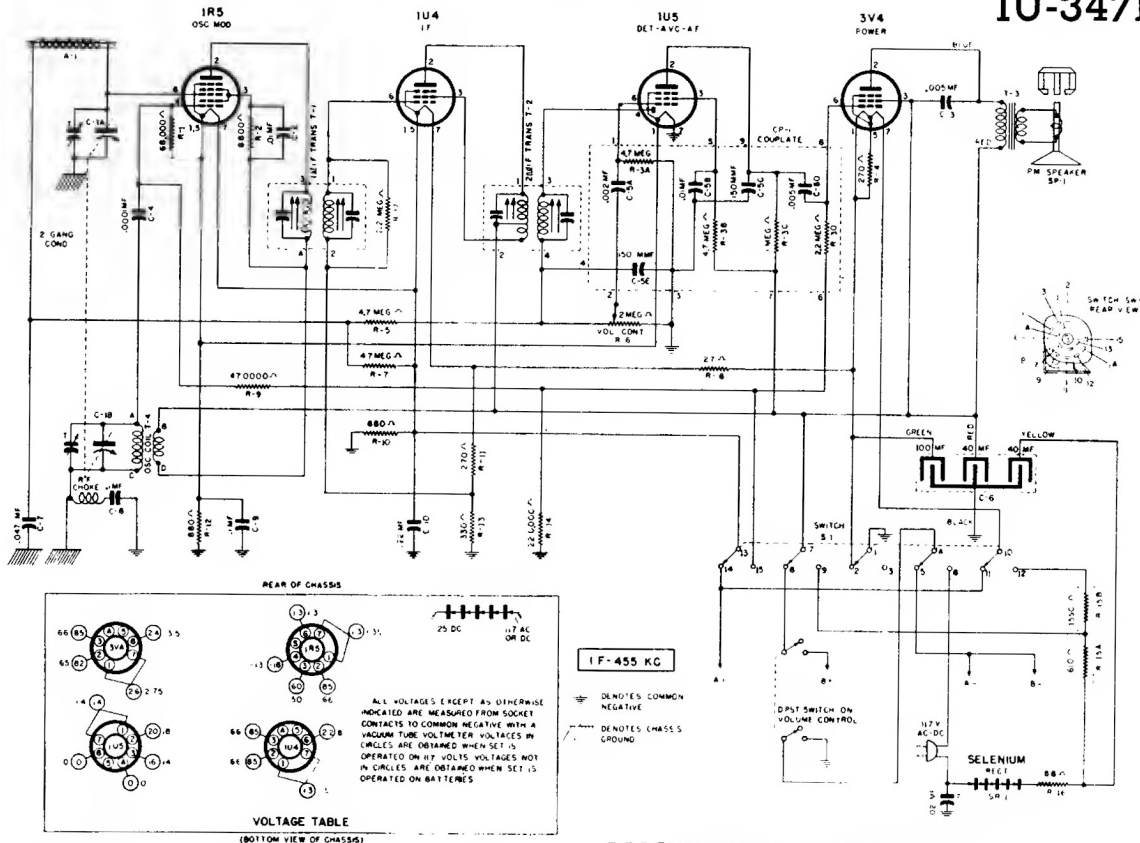


# Sentinel Radio

MODELS  
347P  
1U-347P



When aligning the I.F. slugs use a non-metallic screwdriver.

## ALIGNMENT PROCEDURE

Use an accurately calibrated test oscillator with some type of output measuring device.

**TO ALIGN 1650 KC OSCILLATOR AND 1400 KC ANTENNA TRIMMERS:** Couple oscillator to receiver by; (1) make loop of five turns of No. 20 to 30 size wire, wound on a 2" or 3" form; (2) connect this loop across output of oscillator; (3) place test loop near radio antenna. BE SURE THAT NEITHER LOOP OR RADIO MOVES WHILE ALIGNING.

TEST OSCILLATOR				
Set receiver dial to:	Adjust test oscillator frequency to:	Use dummy antenna in series with output of test oscillator consisting of:	Attach output of test oscillator to	Refer to parts layout diagram for location of trimmers mentioned below:
Any point where no interfering signal is received	Exactly 455 K. C.	0.2 Mfd. Condenser	High side to pin 6 grid of 1R5 tube. Low side to common negative through a .02 MFD blocking condenser.	Adjust each of the 2nd I.F. transformer slugs for maximum output, then adjust each of the 1st I.F. transformer slugs for maximum output.
Rotate gang condenser to minimum capacity	Exactly 1650 K. C.	See Alignment Procedure above	See Alignment Procedure above	Adjust 1650 K. C. oscillator trimmer for maximum output.
Approximately 1400 K. C.	Approx. 1400 K. C.	See Alignment Procedure above	See Alignment Procedure above	Adjust 1400 K. C. antenna trimmer for maximum output.

