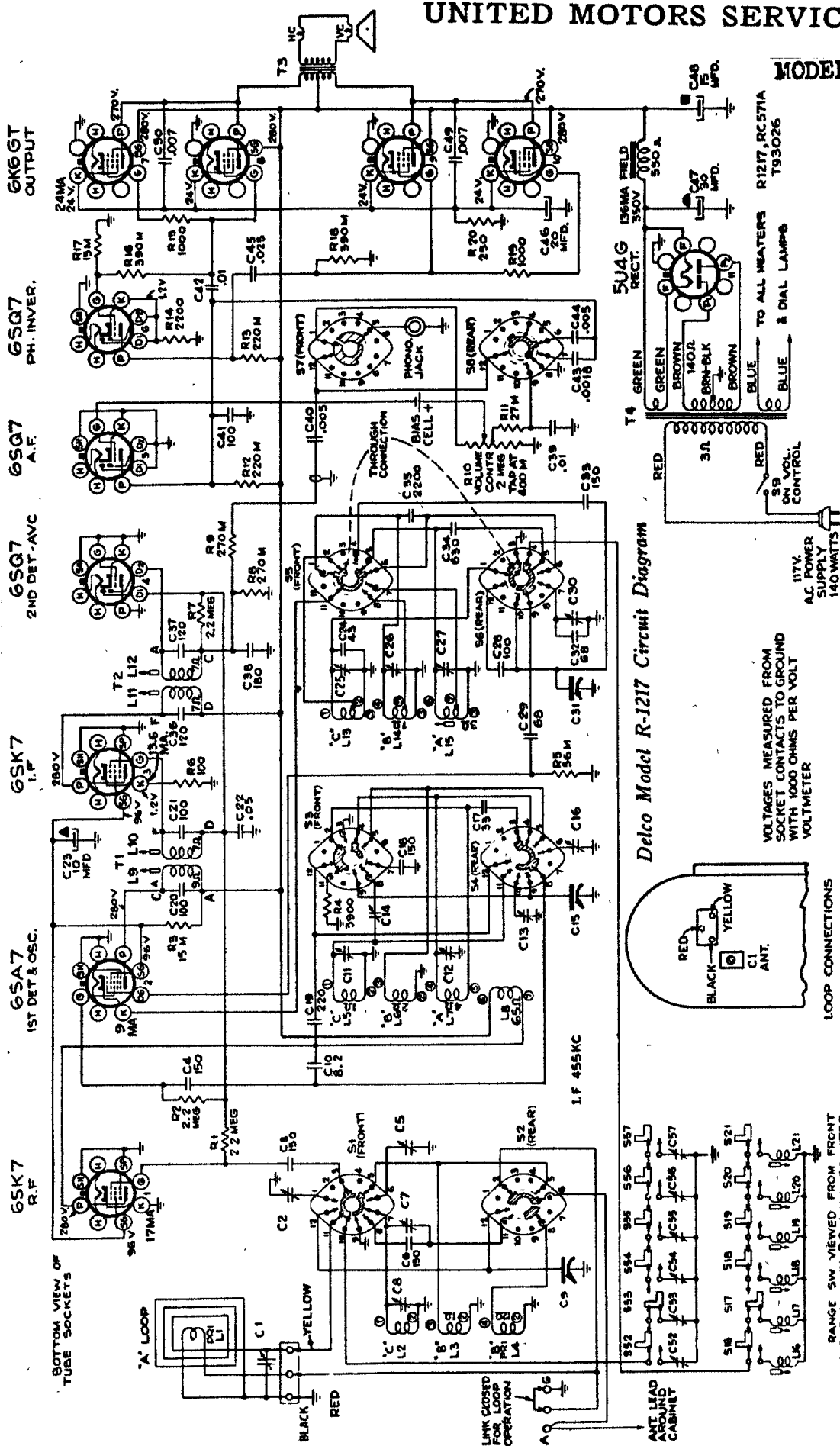


UNITED MOTORS SERVICE

MODEL R-1217

IF PEAK 455 KC

9-26-41



To determine the corresponding frequency for any setting of the calibration scales, refer to the accompanying drawing which shows the dial with 0-180° calibration scales drawn at top and bottom.

Speaker.....	12-inch Electrodynamic
Antenna.....	Built-in Loop or external
Tuning.....	Manual and 6 electric push-buttons
Tuning Range—	
Broadcast "A".....	540-1,600 kc
Medium Wave "B".....	2.3-6.3 mc
Spread Band.....	9.35-9.75 mc
Short Wave "C".....	11.7-15.4 mc
Power Supply.....	105-120 V. 25 cycle AC or 105-120 V. 50-60 cycle AC

Test-Oscillator.—For all alignment operations, connect the low side of the test-oscillator to the receiver chassis, and keep the output as low as possible to avoid a-v-c action.

Calibration Scale on Indicator-Drive-Cord Drum.—The tuning dial is fastened in the cabinet and cannot be used for reference during alignment, therefore a calibration scale is attached to the indicator-drive-cord drum which is mounted on the shaft of the gang condenser. The setting of the gang condenser is read on this scale, which is calibrated in degrees. The correct setting of the gang in degrees, for each alignment frequency, is given in the alignment table.

As the first step in R.F. alignment, check the position of the drum. The 135° mark on the drum scale must be vertical, and directly over the center of the gang-condenser shaft when the plates are in minimum capacity position. The drum is