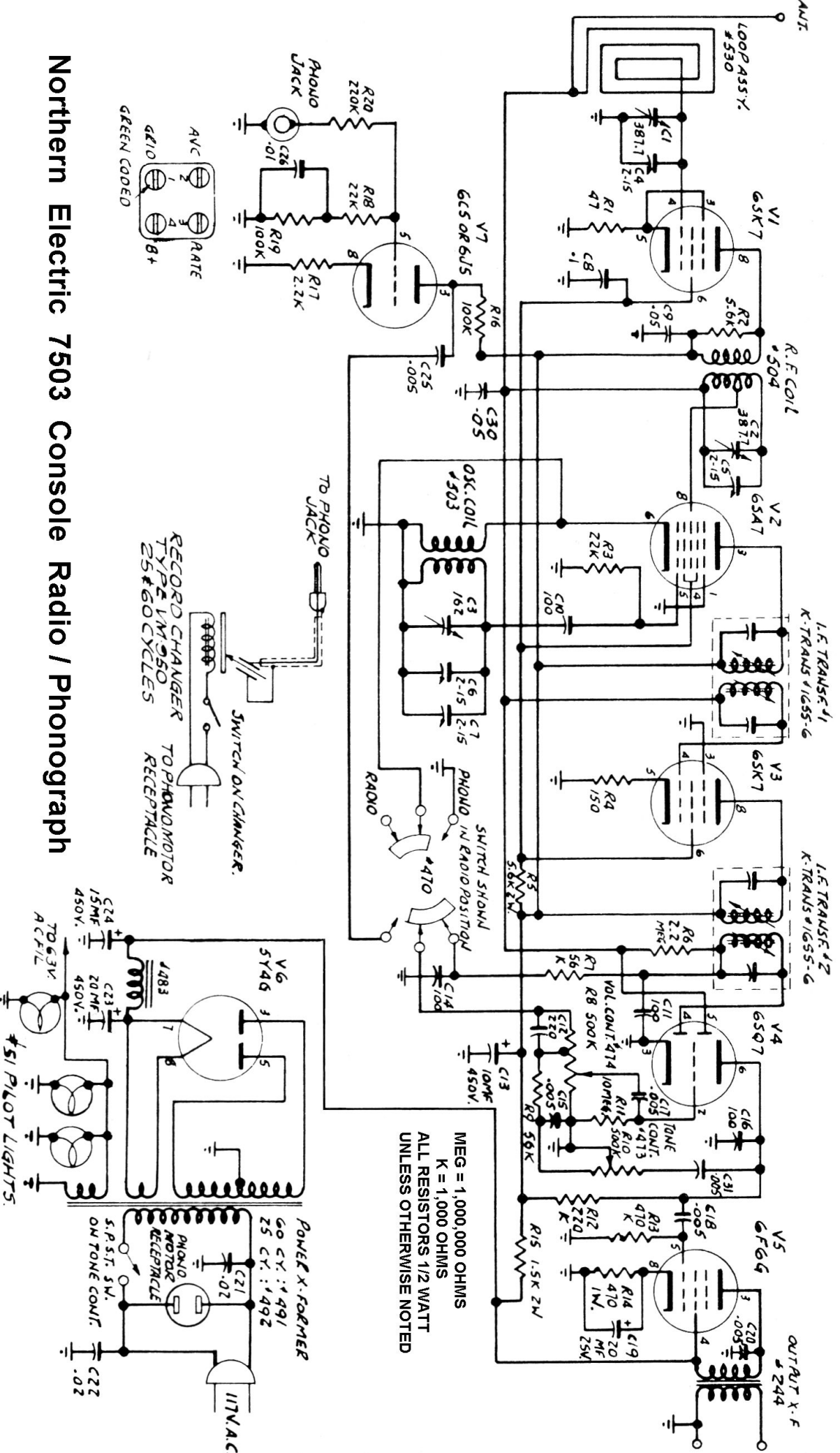
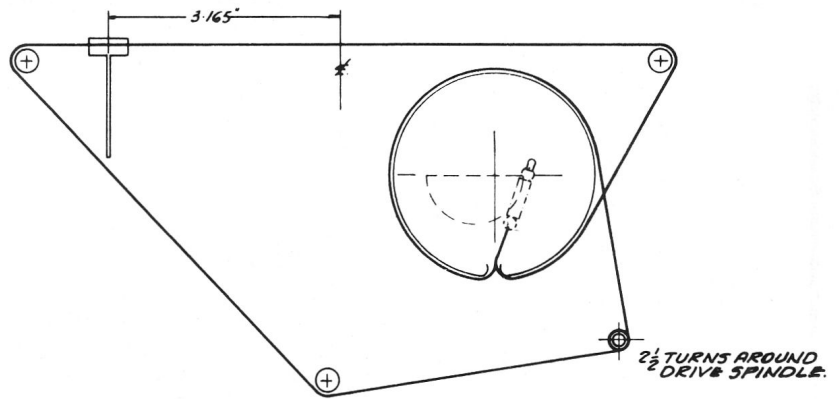
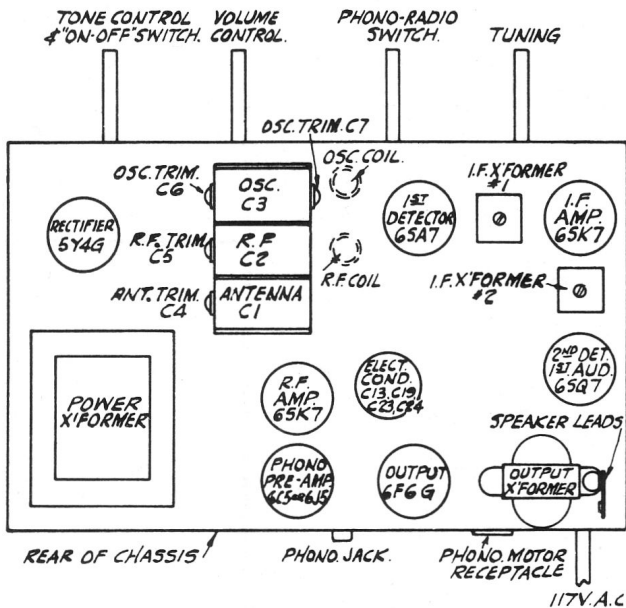




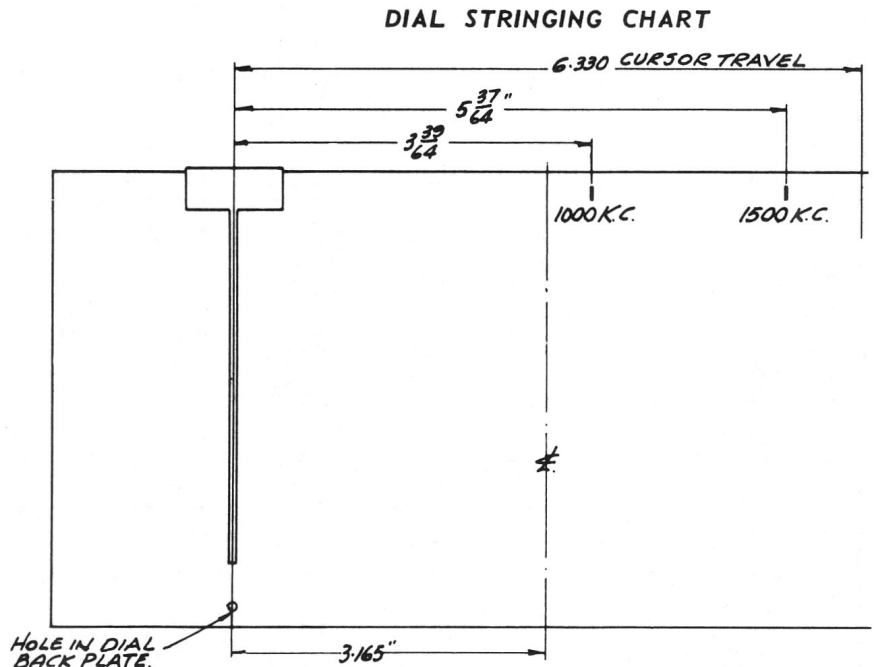
Northern Electric 7503 Console Radio / Phonograph



Northern Electric 7503



TUBE AND TRIMMER LOCATION CHART



CURSOR TRAVEL AND TEST FREQ. POINTS

ALIGNMENT

1. Connect output meter across voice coil (or V.T.V.M. from AVC line to Chassis).
2. Connect signal generator through 100 MMFD condenser to pin No. 5 on 6SA7 socket (oscillator grid), apply 455 KC signal.
3. Adjust I.F. No. 2 and No. 1 adjusting screws for maximum output in the following order:
 - a. I.F. No. 2 bottom
 - b. I.F. No. 2 top
 - c. I.F. No. 1 bottom
 - d. I.F. No. 1 top
 repeat if necessary, keep signal at minimum.
4. Connect signal generator to Antenna terminal on loop.
5. Apply 1730 KC signal, turn tuning condenser fully clockwise and adjust oscillator trimmer (C6) for maximum output.
6. Apply 1500 KC signal, tune set to that frequency and adjust "RF" trimmer (C5) and antenna trimmer (C4) for maximum output.