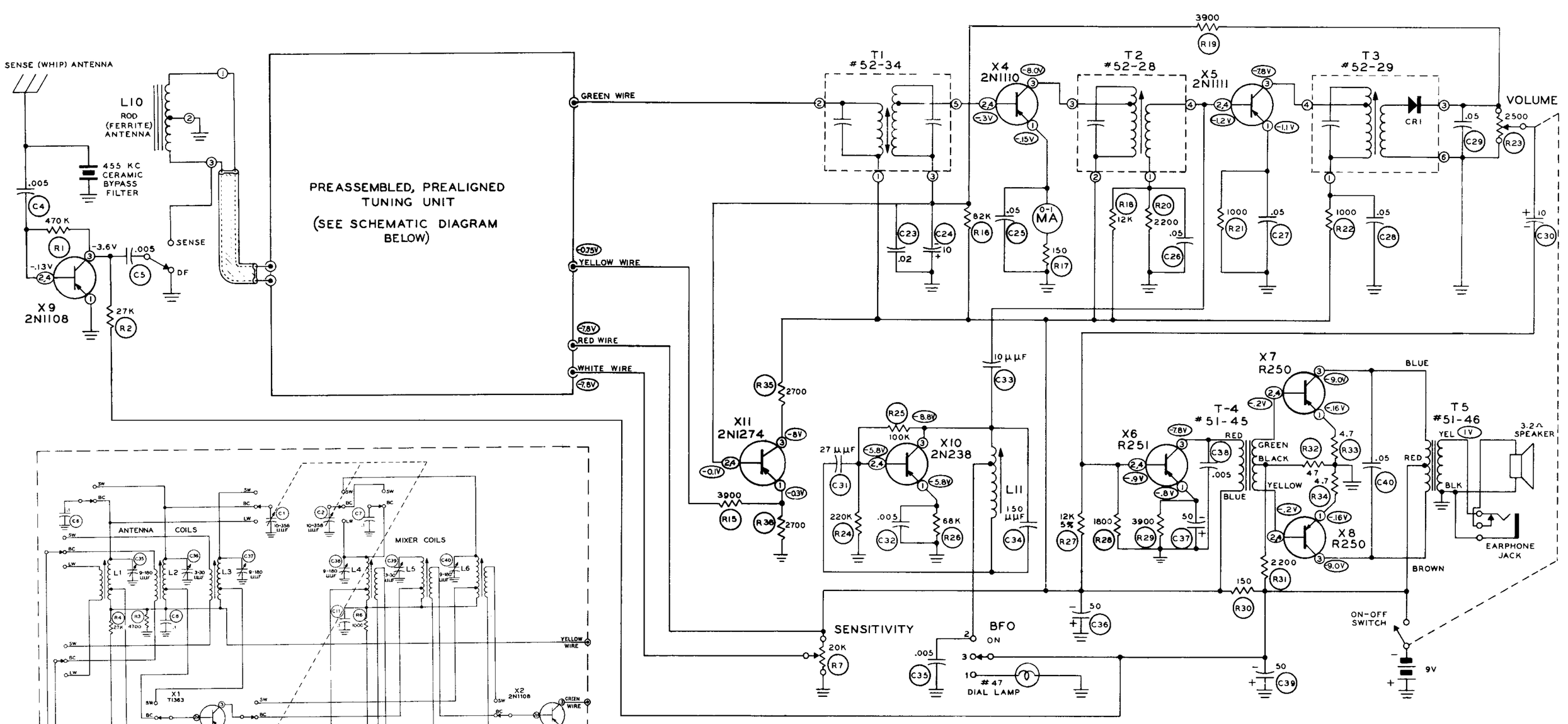


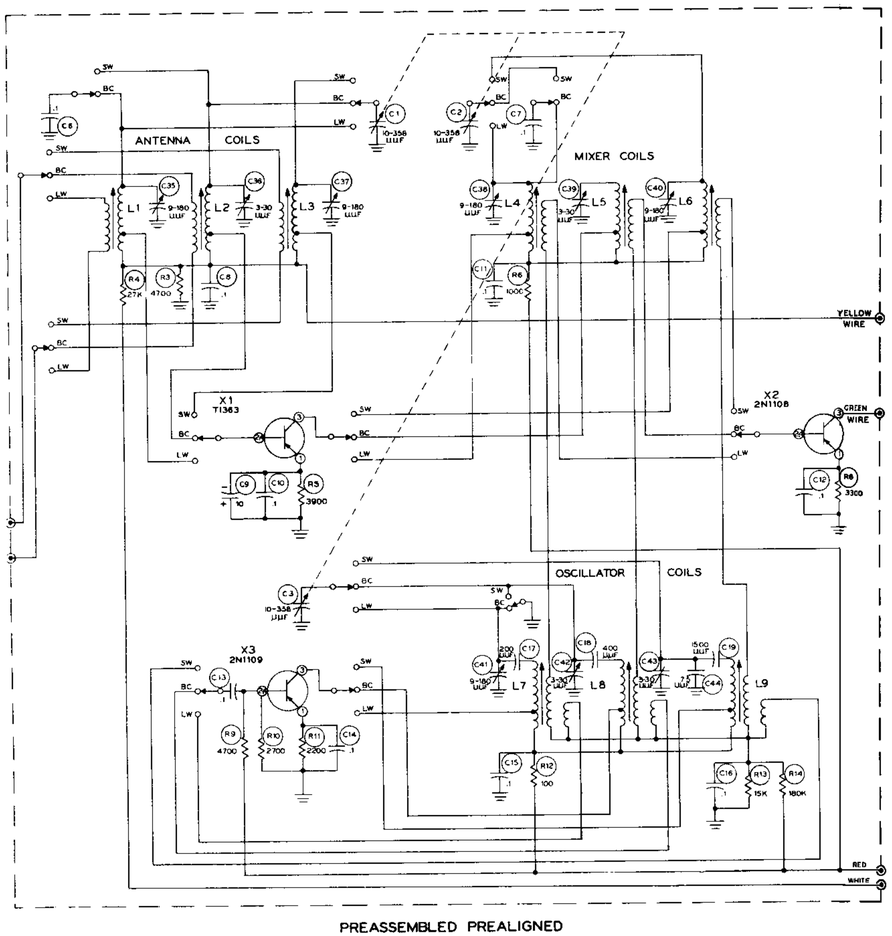


PREASSEMBLED PREALIGNED TUNING UNIT

**SCHEMATIC OF THE**

# HEATHKIT MARINER® RADIO DIRECTION FINDER

## MODEL MR-21

NOTES:

ALL RESISTORS ARE 1/2 WATT UNLESS SHOWN OTHERWISE.
ALL RESISTOR VALUES ARE IN OHMS, 1 K = 1000 Ω, 1 MEG = 1,000,000 Ω.
ALL CAPACITOR VALUES ARE IN μfd UNLESS OTHERWISE SHOWN.

ALL VOLTAGES ARE FROM POINT INDICATED TO CHASSIS GROUND EXCEPT AC VOLTAGES ON POWER TRANSFORMER WINDING. READINGS WERE TAKEN WITH AN 11 MEGOHM INPUT VTVM WITH THE SENSITIVITY AND VOLUME CONTROLS TURNED TO THE FULL CLOCKWISE POSITIONS.

NORMAL VOLTAGE VARIATIONS +10%.