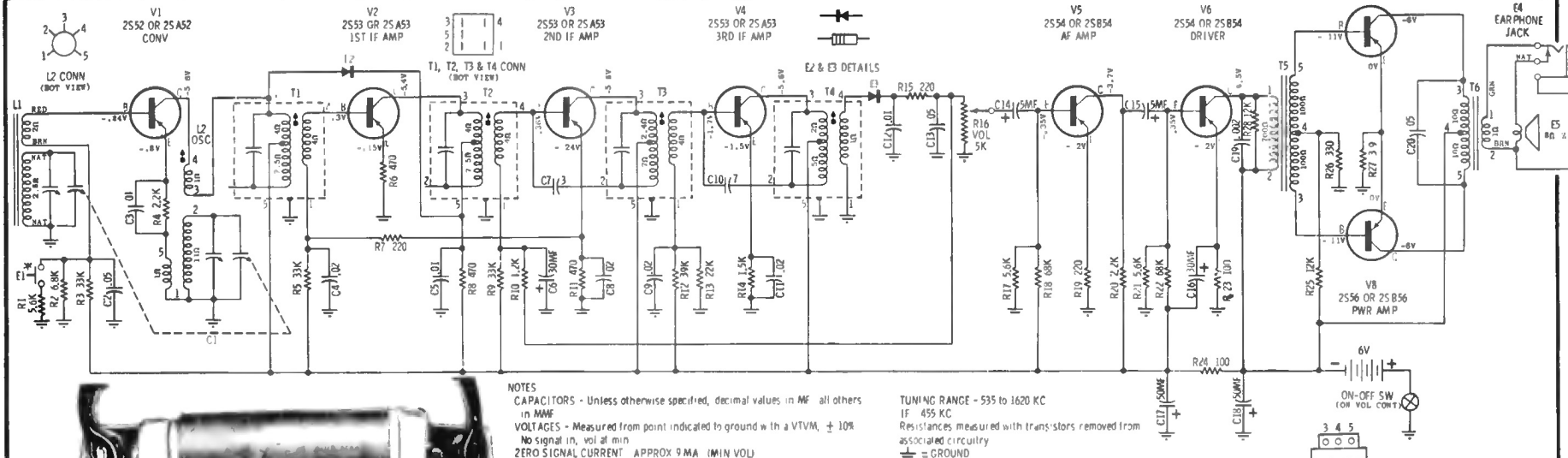




NOTES
CAPACITORS - Unless otherwise specified, decimal values in MF, all others in MMF
VOLTAGES - Measured from point indicated to ground with a VTVM, $\pm 10\%$
No signal in, vol at min
ZERO SIGNAL CURRENT APPROX 9 MA (MIN VOL)

TUNING RANGE - 535 to 1620 KC
IF 455 KC
Resistances measured with transistors removed from associated circuitry
= GROUND

* PUSHBUTTON SWITCH (BATTERY LIFE INDICATOR) IS LOCATED ON FRONT OF RADIO - PUSH TO CLOS

CHASSIS REMOVAL

1. Lift off battery compartment cover and remove batteries.
2. Remove 2 cabinet back mounting screws located under batteries and remove cabinet back far enough to gain access to earphone jack; unscrew earphone jack mounting nut.
NOTE: A special tool for removing the earphone jack is available. Order Motorola Part Number 66A646211.
3. Unsolder battery leads connected to battery compartment on cabinet back.
4. Unsolder lead and 5.6K resistor (R-1) connected to Battery Life Indicator Switch E-1.
5. Remove 2 chassis mounting screws.
6. Lift up chassis far enough to make bottom accessible, then unsolder appropriate leads.

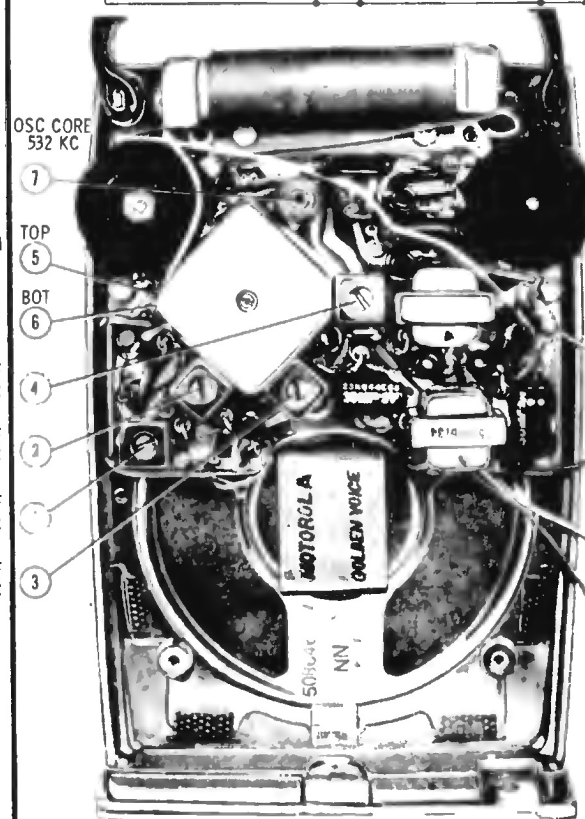
SPEAKER REMOVAL

1. Remove chassis from cabinet (see Chassis Removal).
2. Remove decorative nut from cabinet front (on Battery Life Indicator Button).
3. From inside front cabinet, bend up the 8 speaker grille mounting tabs and then remove the grille and speaker gasket.
4. Bend up the 3 speaker mounting tabs and remove speaker (from front of cabinet).

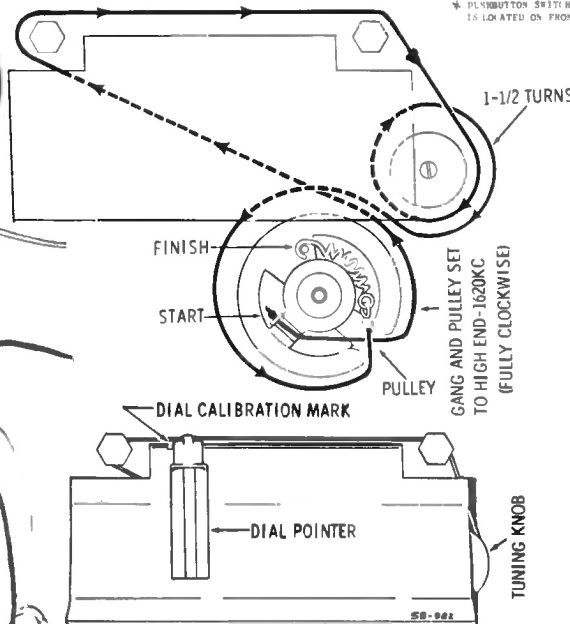
MOTOROLA INC.

MODEL
X19A
X19E

CHASSIS
HS-799
HS-799



ALIGNMENT POINT LOCATIONS



NOTE: UPON COMPLETION OF DIAL STRINGING, ROTATE TUNING KNOB FULLY COUNTERCLOCKWISE SO THAT GANG IS FULLY CLOSED (532 KC); PLACE DIAL POINTER SO THAT EDGE OF POINTER JUST COVERS DIAL CALIBRATION MARK.

DIAL STRINGING DETAIL