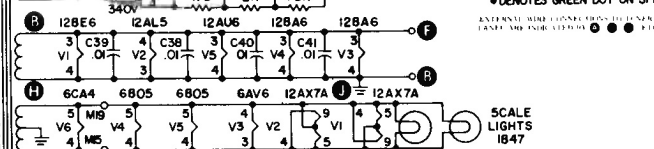
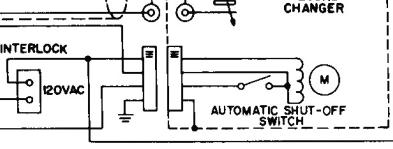
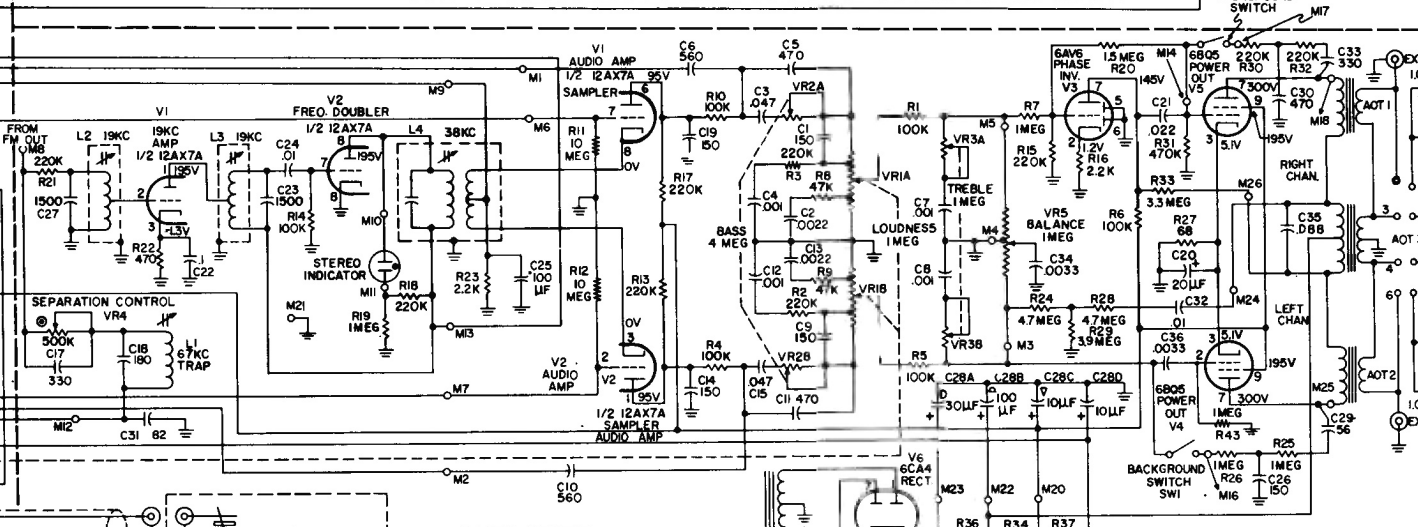
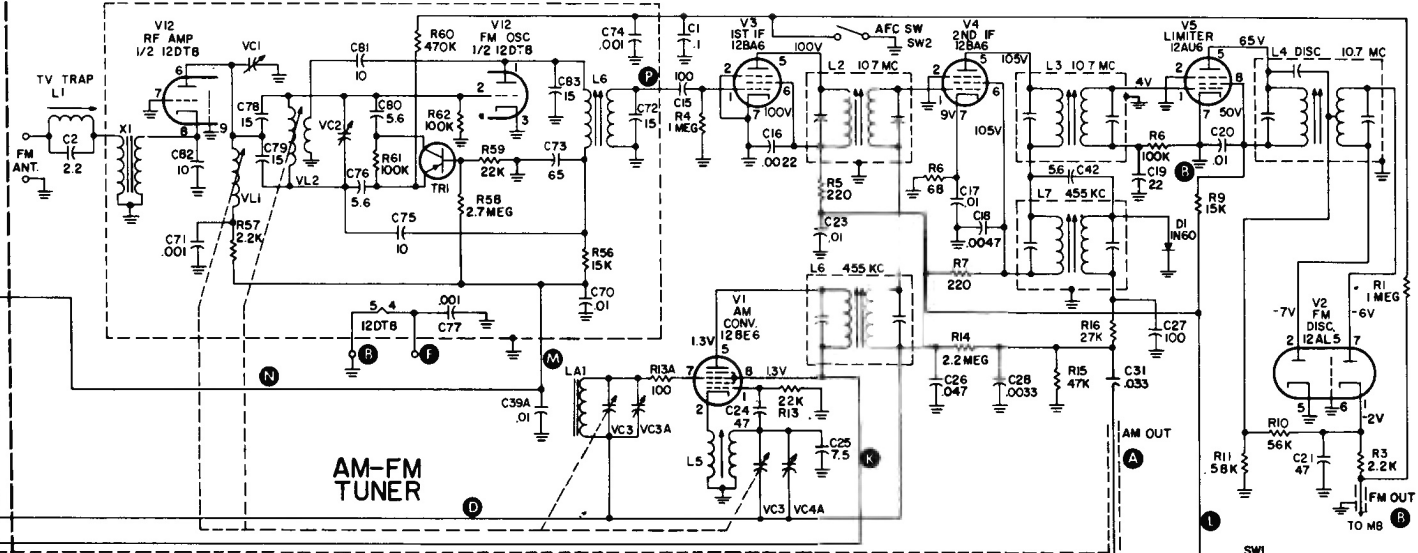
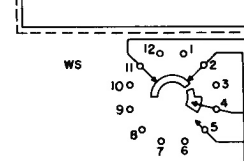
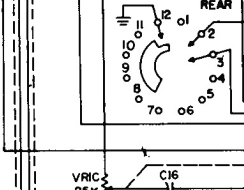
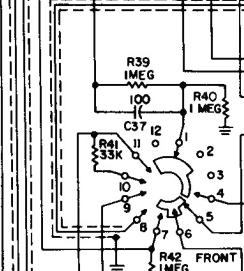
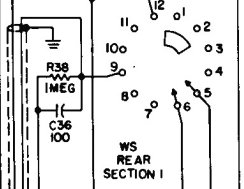
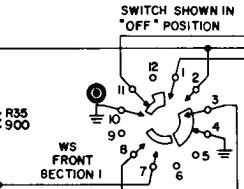


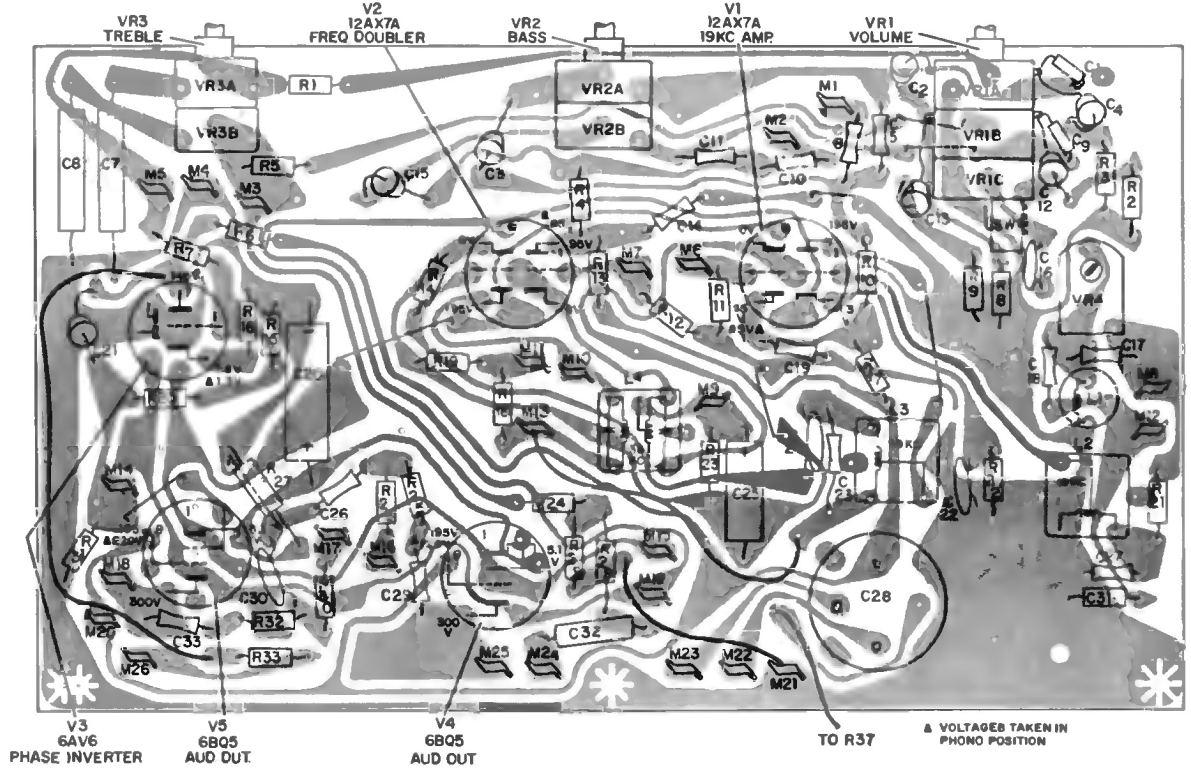
SWITCH POSITIONS
 1. OFF 4. FM
 2. PHONO 5. FM STEREO
 3. AM



Amplifier and Tuner Schematic Diagram, Models L-1656, L-1667 & L-1679

ALL VOLTAGES TAKEN WITH "PRECISION" VTVM MODEL "99". ALL CONTROLS SET AT MINIMUM AND SELECTOR SWITCH SET TO PHONO OR FM POSITIONS.

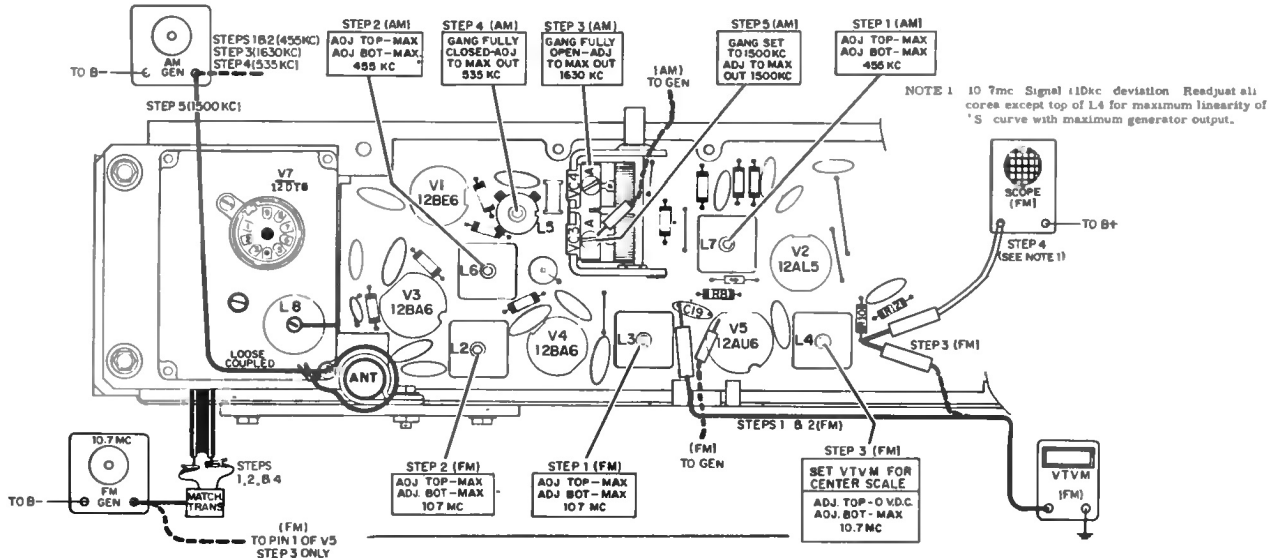
PHILCO Models L-1656, L-1667, L-1679, (L-1731) Amplifier & Tuner



Bottom Perma-Circuit View, Parts Location, Models L-1656, L-1667 & L-1679

Amplifier perma-circuit panel was changed to Run 2 identified by a red dot. Panel changes consisted of removing wire jumper from Pin 1 of V1 to center tap of L3. Wire jumper was replaced with a $1K\Omega$ resistor R16A. Resistor R18 was changed to $270K\Omega$. R14 was changed to $220K\Omega$. The copper foil connecting M10 and Pin 6 of V2 was opened. A $780K\Omega$ resistor was soldered to the bottom of the panel from M10 to Pin 6 of V2. R19 was changed to a 1 megohm resistor.

Amplifier perma-circuit panel was changed to Run 3 identified by an orange dot. Panel changes consisted of removing wire jumper connecting Pin 2 of V5 to junction of M14, C21 and R31 and replacing with a $1K\Omega$ resistor.



Alignment Procedure Chart AM-FM Tuner Models L-1656, L-1667, L-1679 & L-1731