

CIRCUIT SCHEMATIC — TYPE 10RA761-2-5 CHASSIS

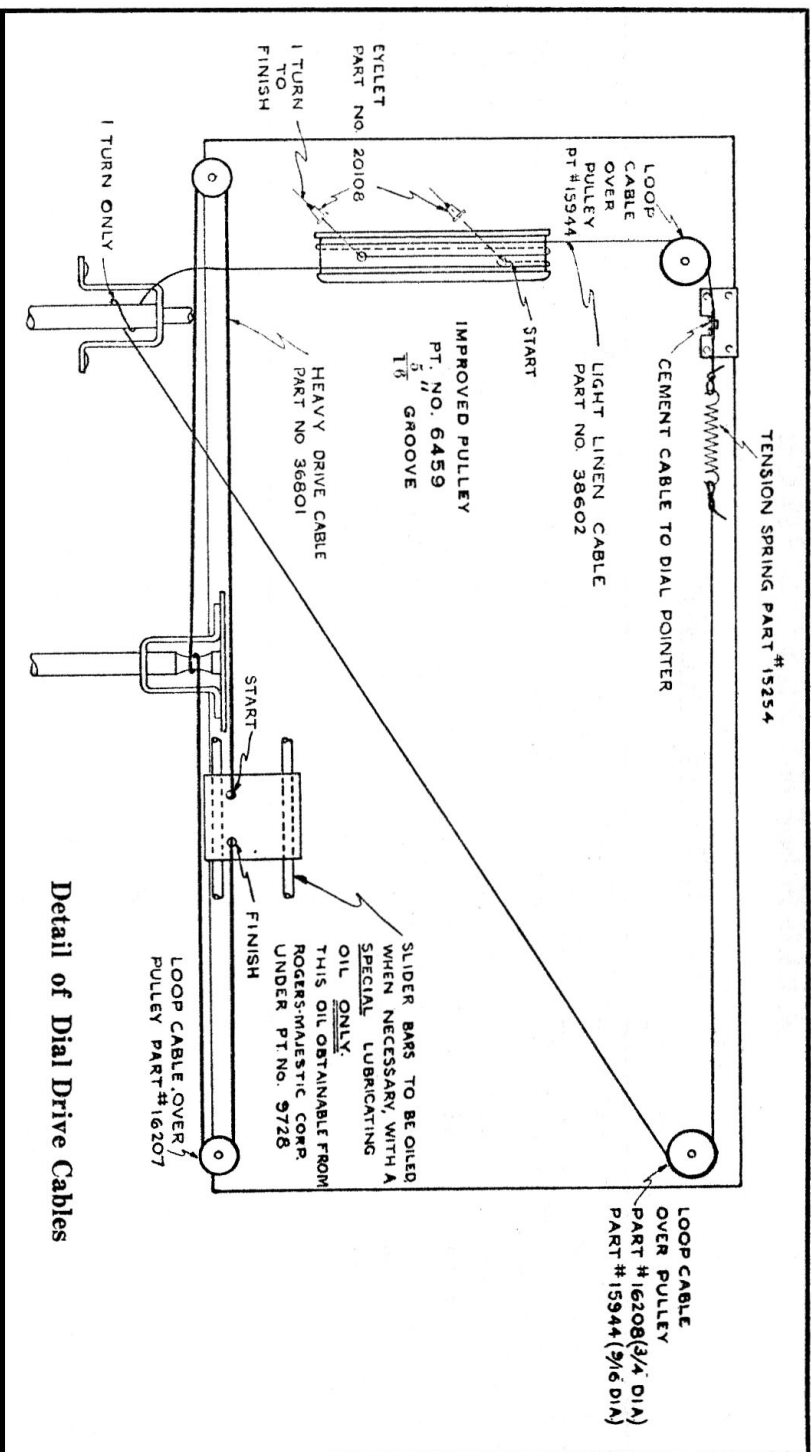
SECTION 2.  
USED ON A765 ONLY

Rogers 15-70A, 15-77A, 15-79A  
Majestic 4170A, 4177A, 4179A  
De Forest A07-41, A77-41, A97-41  
(Chassis 10RA761, 10RA762, 10RA765)

# 10RA761-2-5 CHASSIS

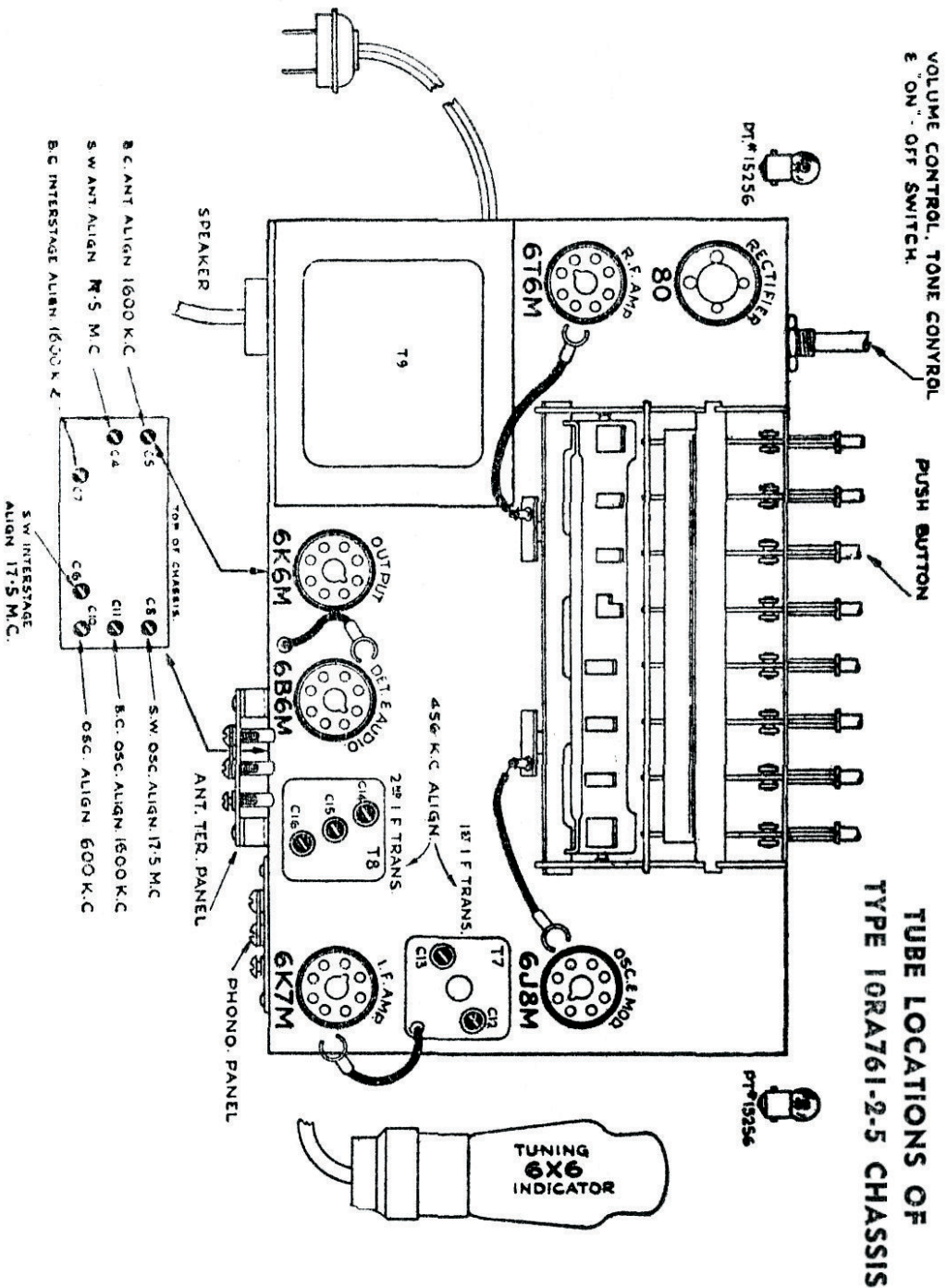
Opera- tion	Connect Generator	Set Gen'rator Tuning	Set Receiver Tuning	Wave Band	Dummy Antenna	Volume Control	Adjust	Remarks
1	To Grid Cap of 6J8M Tube	456 kc/s.	700-800 kc/s.	Broadcast	.1 mfd.	Max.	C11, C12, C13, C14, C15	To Peak I.F.
2	To Antenna	1600 kc/s.	1600 kc/s.	Broadcast	.0002 mfd.	Max.	C9	To Peak Osc.
3	To Antenna	1600 kc/s.	1600 kc/s.	Broadcast	.0002 mfd.	Max.	C7	To Peak Inter- stage
4	To Antenna	1600 kc/s.	1600 kc/s.	Broadcast	.0002 mfd.	Max.	C5	To Peak Ant.
*5	To Antenna	600 kc/s.	600 kc/s.	Broadcast	.0002 mfd.	Max.	C10	To Track Osc.
6	To Antenna	1600 kc/s.	1600 kc/s.	Broadcast	.0002 mfd.	Max.	C9	To Check Osc.
7	To Antenna	17.5 mc/s.	17.5 mc/s.	Short-wave	400 ohms	Max.	C8	To Peak Osc.
8	To Antenna	17.5 mc/s.	17.5 mc/s.	Short-wave	400 ohms	Max.	C6	To Peak Inter- stage
9	To Antenna	17.5 mc/s.	17.5 mc/s.	Short-wave	400 ohms	Max.	C4	To Peak Ant.
10	To Antenna	17.5 mc/s.	17.5 mc/s.	Short-wave	400 ohms	Max.	C8	To Check Osc.

\*Rock Tuning Control during this operation.



## DIAL CABLES:

- (1) Remove one of the turns from the tuning spindle if this has not been removed.
- (2) Replace the cable drum on the end of the condenser gang with the new improved drum, Pt. No. 6459. This drum is wider, with slightly higher shoulders.



## Alignment Information

Condensers and resistors used as dummy antenna must be of the non-inductive type. Always use an output meter or other visual indicator when making alignment. Use only enough generator output to give readable value on output indicator, with the volume control set at maximum, as covered in aligning tables.

When it is necessary to reset any of the short-wave band-spread channels, press the push-button for the band that is off adjustment, then remove the push-button mounted on the rod, loosening the shaft by turning (with a screwdriver in the slot) in a counter-clockwise direction. Adjust the band-spread tuning control so that the lower pointer indicates properly a station of known frequency. Using the main tuning control, tune the receiver carefully to that station. Press the push rod gently but firmly to its limit, using a screwdriver, then tighten in a clockwise direction.

TELEVISION AND PHONO CONNECTIONS				ANTENNA PANEL CONNECTIONS			
USE LINK		CONNECT PHONO RADIO OR TELEV. TO -		ANTENNA TO		LINK	
RADIO	1 E 2	—	1 E 3	INTERNAL	—	LINK 1 E 2	—
PHONO	2 E 3	—	1 E 3	EXTERNAL	1 E 3	LINK 2 E 3	—
TELEV.	2 E 3	—	1 E 3	CONVENTIONAL	1	LINK 2 E 3	—
				WHEN GROUND IS USED CONNECT TO 3			

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