



## CHASSIS—TOP VIEW

ITEM No.	USE	REPLACEMENT DATA		RMA BASE TYPE	INSTALLATION NOTES
		Stewart-Warner Part No.	STANDARD REPLACEMENT		
V1	Converter	12BE6	12BE6	7CN	
V2	500C5	12AT6	12AT6	7BK	
V3	Det-AVC-AF Amp	12AT6	12AT6	7BK	
V4	Audio Output	50C5	50C5	7BV	
V5	Rectifier	35W4	35W4	8CQ	

## CAPACITORS

Capacity values given in the rating column are in mfd. for Electrolytic and Paper Capacitors, and in mmfd. for Mica and Ceramic Capacitors.

ITEM No.	RATING		Stewart-Warner PART No.	REPLACEMENT DATA			IDENTIFICATION CODES AND INSTALLATION NOTES
	CAP.	VOLTS		AEROVOX PART No.	CENTRALAB PART No.	ERIE PART No.	
C1A	.50	150	508837	PR8150/50-30	FDL-5315	TVA-2450	Filter (Red)
B	30	150					Filter (Blue)
C2	.33		513028	S133	D6-330	5GA-Q33	Osc. Grid Cap.
C3	.05	400	512028	P488-05	DF-503	4TM-S5	AVC Filter
C4A	.220						Diode R.F. Filter
B	.002						Audio Coupling
C	.005		*509836		*PC-150		Audio Coupling
D	.250						AF Amp. Plate Bypass
E							Audio Output Grid
C5	.02	400	512016	P488-02	DF-203	4TM-S2	Audio Output Plate
C6	.05	400	512028	P488-05	DF-503	4TM-S5	Rectifier Plate
C7	.15	400	512040	P488-15	PTEP15	4TM-P15	Line Isolation

\* Items C4A, C4B, C4C, C4D, C4E, R5A, R5B, R5C are combined in one unit.  
When replacing items separately C4D and C4E should total 250MMF.

## CONTROLS

ITEM No.	RATING		REPLACEMENT DATA				INSTALLATION NOTES
	RESIST-ANCE	WATTS	Stewart Wattm	IRC PART No.	CLAROSTAT PART No.	CENTRALAB PART No.	
RIA	1Meg	↓	52018	Q13-137	AG-63-Z	BSK-70-S	Volume Control Attach to RIA per instructions Attach to RIA per instructions
B	Shalt		Not Req.	Not Req.	KSS-3	Not Req.	
C	Switch		Not Req.	76-1	SWB	Not Req.	

## RESISTORS

ITEM No.	RATING RESISTANCE - WATTS	REPLACEMENT DATA		IDENTIFICATION CODES
		Stewart-Warner PART No.	IBC PART No.	
R2	22KΩ	510161	BTS-100	Ons. Grid
R3	100Ω	510119	BTS-3.3Meg	1F Amp. Cathode
R4	3.3Meg	510194	BTS-6.8Meg	AVC Network
R5A	6.8Meg	*509836	BTS-470K	AF Amp. Plate
B	470KΩ		BTS-470K	AF Amp. Plate
C	470KΩ		BTS-470K	Output Grid
R6	150Ω	510122	BTS-150	Output Cathode
R7	1000Ω	510237	BTA-1000	Filter
R8	27Ω	510198		Rectifier Ballast
R9	33Ω	510209		Filament Dropping

\* Items R2A, R5B, R5C, C5A, C5B, C5C, C5E are combined in one unit.

Item	334	310209	Permanent Drop
Items R5A, R5B, R5C, C5A, C5B, C5C, C5D, C5E are combined in one unit.			

## PARTS LIST AND DESCRIPTIONS (Continued)

## TRANSFORMER (AUDIO OUTPUT)

ITEM No.	RATING			REPLACEMENT DATA				INSTALLATION NOTES
	IMPEDANCE		DC RES.	Stewart-Warner		MERIT PART No.	CHICAGO PART No.	
	PRI.	SEC.		PART No.	PART No.			
T1	2.2KΩ	3.9K	230Ω	520110	A-3330 ①	A-3031 ①		① Drill one new mtg. hole

**SPEAKER**

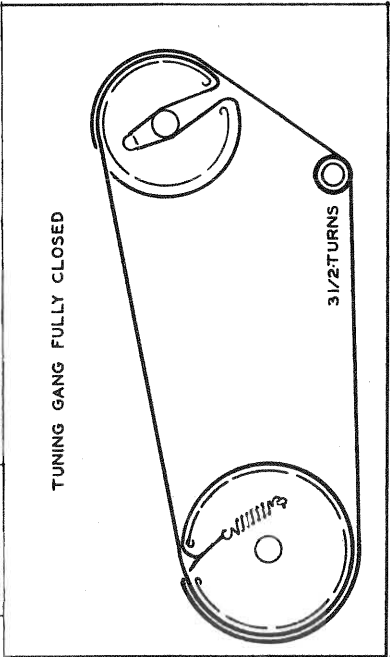
ITEM No.	RATINGS			REPLACEMENT DATA			NOTES
	FIELD RES. P M	V. C. IMP. 3. 92	Stewart-Warner PART No. C309828	JENSEN PART No.	QUAM PART No. 4A07		
SP1A							
SP1B							

## COILS (RF-IF)

ITEM No.	USE	DC RES.		REPLACEMENT DATA		NOTES
		PRI.	SEC.	Stewart-Warner PART No.	MERIT PART No.	
L1	Loop Ant.	3.4Q		520119		*Drill mounting hole
L2	Osc. Coil	.6Q	10.2Q	509832	*BC-397	
L3	Input IF	17Q	17Q	509433	BC-352	
L4	Output IF	17Q	17Q	509433	BC-353	

## MISCELLANEOUS

ITEM No.	PART NAME	Stewart-Warner PART No.	NOTES
MI	2 Gang Var. Cap.	520117	(20-347MMF, 16-164MMF)
	Cabinet	520170-A	Model 9161-A
	Cabinet	520170-B	Model 9161-B
	Cabinet	520170-C	Model 9161-C
	Knob	520155-A	Model 9161-A
	Knob	520155-B	Model 9161-B
	Knob	520155-C	Model 9161-C
	Pointer	520123-A	Models 9161-B & 9161-C
	Pointer	520123-B	Model 9161-A



DIAL CORD DRIVE