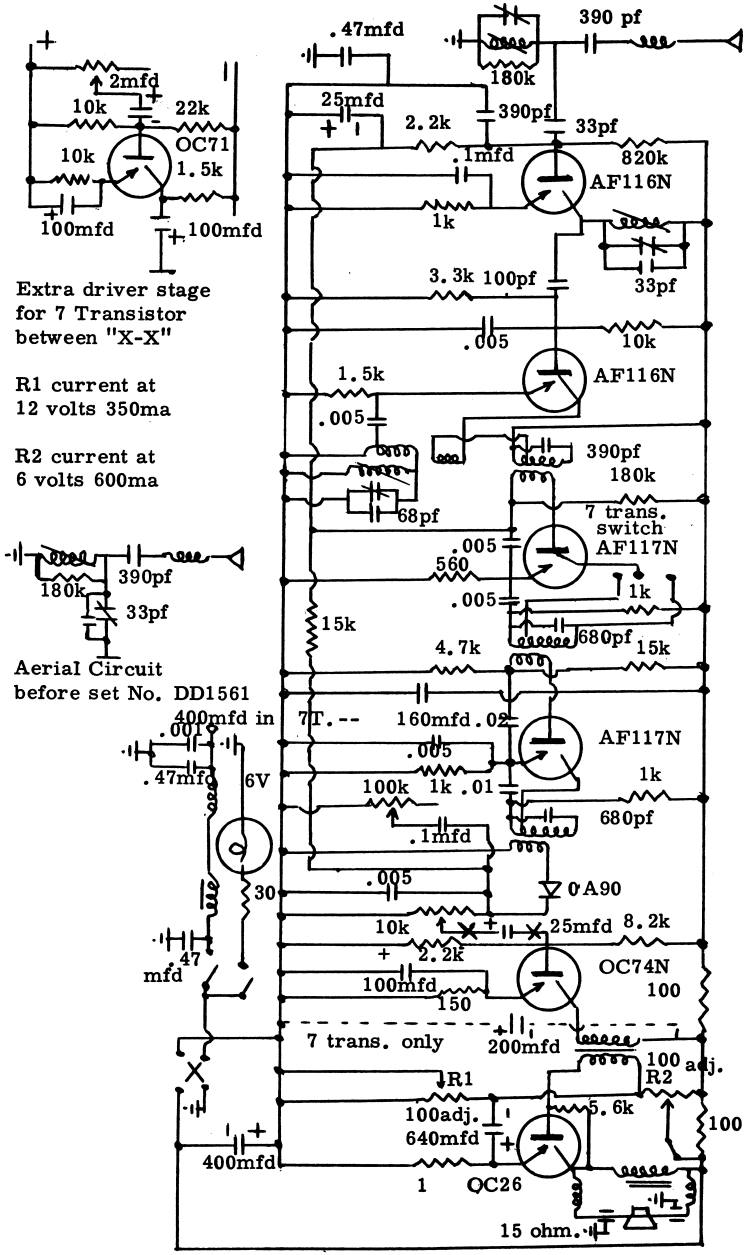
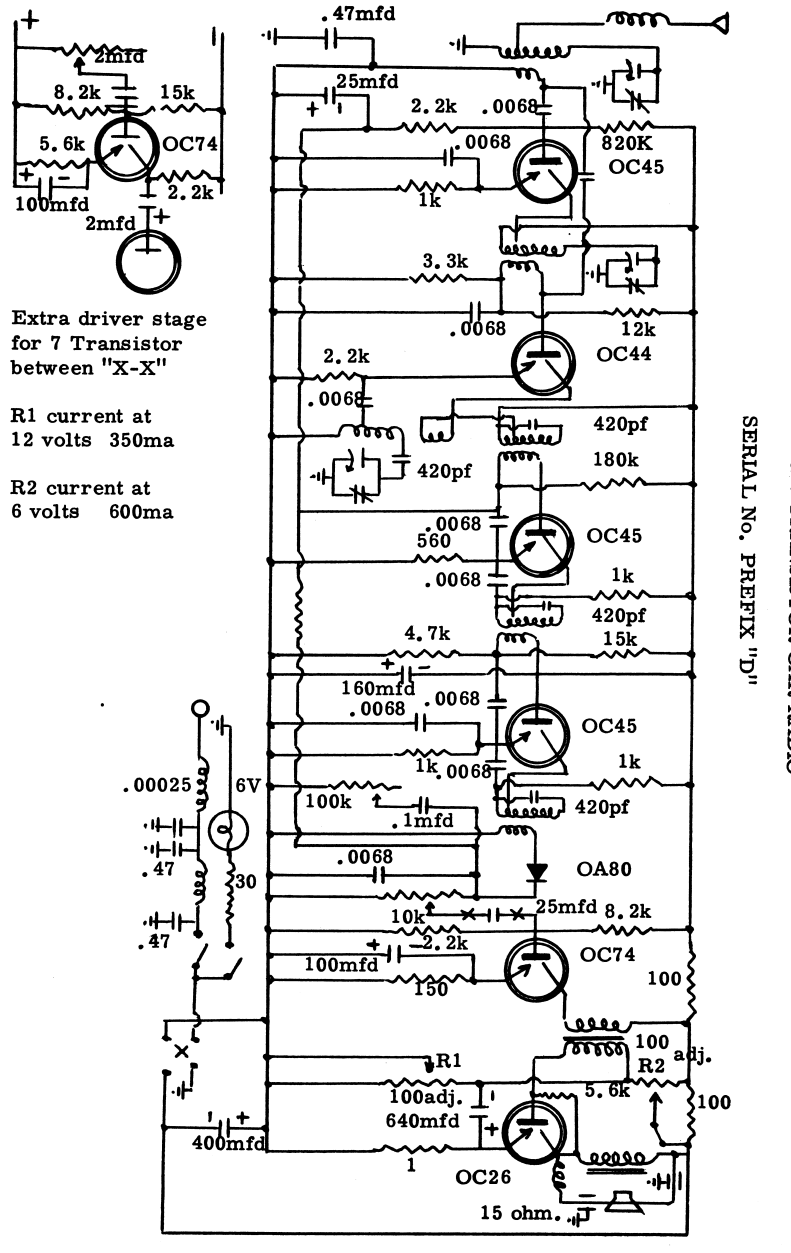


AUTOVOX 6 & 7 TRANSISTOR CAR RADIO
SERIAL No. PREFIX "DD"



AUTOVOX 6 & 7 TRANSISTOR CAR RADIO
SERIAL No. PREFIX "D"

A100. AUTOVOX 6 & 7 Transistor

AUTOVOX 6 & 7 TRANSISTOR CAR RADIO

SERIAL No. PREFIX "DD"

VOLTAGE READINGS

TAKEN WITH 20,000 Ohm/V METER.

OFF STATION - AERIAL DISCONNECTED - FULL VOLUME.

Tr1	AF116N	OA90	DIODE
C	-5.6	CATHODE - i.e. Volume	
B	-0.5		
E	-0.3	Control End -.01	

Tr2	AF116N	Tr5	OC74
C	-5.6	C	-5.45
B	-1.4	B	-1.02
E	-1.35	E	-0.88

Tr3	AF117N	Tr6	OC26 or AD140
C	-5.2	C	-11.5
B	-0.5	B	-0.78
E	-0.3	E	-0.5

Tr4	AF117N	Tr7	OC71
C	-4.6	C	-5.5
B	-1.3	B	-1.9
E	-1.1	E	-1.85

A quick check for a short or leakage in the RF section can be made by measuring the resistance to chassis.

Chassis to Positive Line 27 Ohms

" " Negative Line 130 Ohms.

If OC26 or AD140 is changed, it is most important to reset collector currents for both 6 and 12 volt operation to values shown on circuit. Always set R1 (12 volt) first.

AUTOVOX 6 & 7 TRANSISTOR CAR RADIO

SERIAL No. PREFIX "D"

VOLTAGE READINGS

TAKEN WITH 20,000 Ohm/V METER

Tr1	OC45	OA 80.	DIODE
C	-5.6	CATHODE - ie Volume	
B	-0.38		
E	-0.24	Control End - 01	

Tr2	OC44	Tr5	OC74
C	-5.6	C	-5.45
B	-1.2	B	-1.02
E	-1.45	E	-0.88

Tr3	OC45	Tr6	OC26
C	-5.2	C	-11.5
B	-0.38	B	-0.78
E	-0.22	E	-0.5

Tr4	OC45	Tr7	OC74
C	-4.6	C	-4.7
B	-1.2	B	-1.9
E	-1.05	E	-1.85

A quick check for a short or leakage in the RF section can be made by measuring the resistance to chassis.

Chassis to Positive Line 4.5 Ohms

" " Negative Line 130 Ohms

If OC26 is changed it is most important to reset collector currents for both 6 and 12 volt operation to values shown on circuit. Always set R1 (12 Volt) first.

Note:

420 Pf condensers across IF's, although sometimes branded 390 Pf are actually close tolerance 420 Pf.

Modification

.0047 mfd condensers have been substituted for .0068 shown on circuit. However, as capacity is not critical, values as high as .0068 may be used without noticeable effect on performance.