

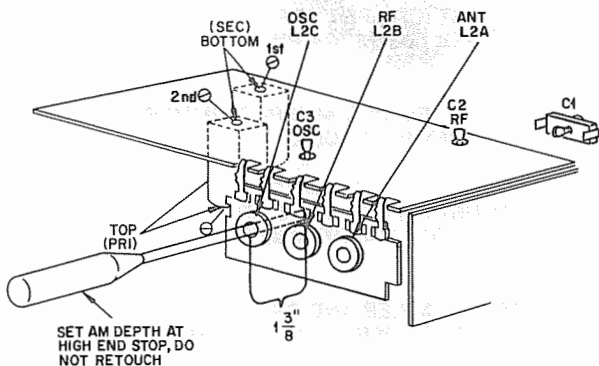
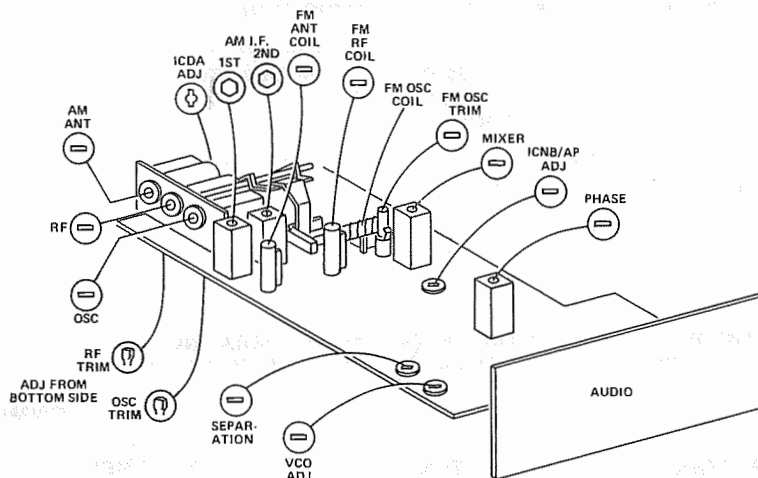
MODEL COVERAGE: 00BFCT1(16008160), 00BFMT1(16009960)  
 00BFMT1(16009970), 00BPBT1(7898500)  
 01BFMD1(16012021), 01YFCT1(16006991)  
 01YFM1(16009461), 01YFMT1(16009451)

# ALIGNMENT

## 2700cc SERIES

FM STEREO  
 FM/TAPE  
 FM/DIGITAL  
 FM/CB  
 FULL FRONTAL

Figure 1

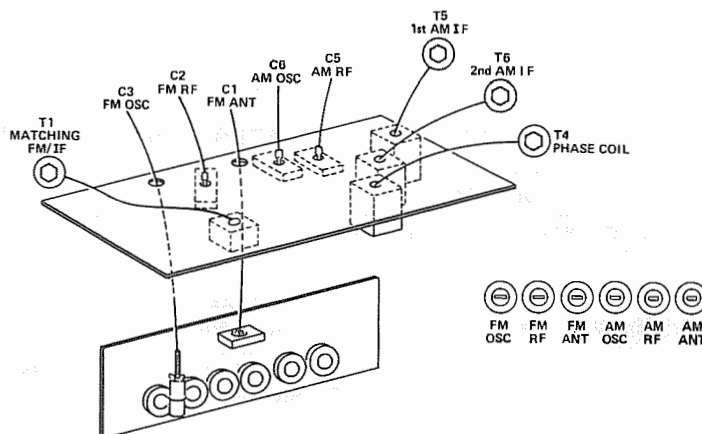


## CORPORATE AM

Figure 2

## MONO AM-FM

Figure 3



\*NOTE: DO NOT ADJUST CHEVETTE OSC, RF, OR ANT. CORES

**IMPORTANT:** Ant. trimmer should be repeated after radio is installed in car (ant. capacities vary from 60 pf to 90 pf). Use weak station or noise near 1400KHz.

TURN VOLUME CONTROL FULLY CW. CONNECT AC VOLTMETER ACROSS SPEAKER LEADS. KEEP INPUT SIGNAL FROM SIGNAL GENERATOR LOW TO MINIMIZE AGC ACTION.

USE FIGURE 2

AM ALIGNMENT PROCEDURE

STEP	GENERATOR FREQUENCY	GENERATOR COUPLING	TUNER SETTING	ADJUST FOR PEAK
1	MODULATED 262 KHZ	THRU - 1MFD. INTO ANTENNA SOCKET	HI-END STOP	1ST SECONDARY 2ND SECONDARY  1ST PRIMARY 2ND PRIMARY
2	MEASURE DEPTH OF OSC. CORE WITH RADIO TUNED TO HI-END STOP. SHOULD BE 1 3/8".			
3	MODULATED 1615 KHZ	THRU 82 PF INTO ANTENNA SOCKET	HI-END STOP	TRIMMER
4	MODULATED 600 KHZ	THRU 82 PF	600 KHZ	CORES

IMPORTANT: FIRST MAKE CERTAIN AM IS OPERATING  
PROPERLY: THE AM OSCILLATOR CONTROLS FM TUNING

USE FIGURE 1

FM ALIGNMENT PROCEDURE

STEP	GEN. FREQ. (MODULATED)	TUNER SETTING	ADJUSTMENT
1		HI-END STOP	ADJUST ICDA POT FOR 7.65 VOLTS AT ICDA PIN 9
2	108 MHZ	108	ADJUST FM OSC AND RF TRIMMERS FOR MAXIMUM AUDIO
3	88 MHZ	88	ADJUST FM OSC, RF, & ANT. COILS FOR MAXIMUM AUDIO
4	99 MHZ	TO GEN.	ADJUST MIXER AND PHASE TRANSFORMERS FOR MAX. AUDIO

USE FIGURE 1

DM-44

STEREO ALIGNMENT PROCEDURE, PHASE LOCK LOOP

STEP	ACTION	ADJUSTMENT	
1	AC GROUND PIN 1 OF DM-44 WITH A 2 MFD CAPACITOR	ADJUST VCO POT FOR 19 KHz ± 120 HZ AT PIN 11 OF DM-44	
	GENERATOR	TUNER SETTING	ADJUSTMENT
2	STEREO SIGNAL	TUNE RADIO TO SIGNAL	PIN 11 (DM-44) MUST BE 19KHz. IF NOT, REPAIR BEFORE PROCEEDING.
3	STEREO SIGNAL — MODULATION ON ONLY ONE CHANNEL	TUNE RADIO TO GENERATOR	ADJUST SEPARATION POT FOR MINIMUM AUDIO ON UNMODULATED CHANNEL

## ALIGNMENT

USE FIGURE 1

DM-105

AUDIO PROCESSOR ADJ.

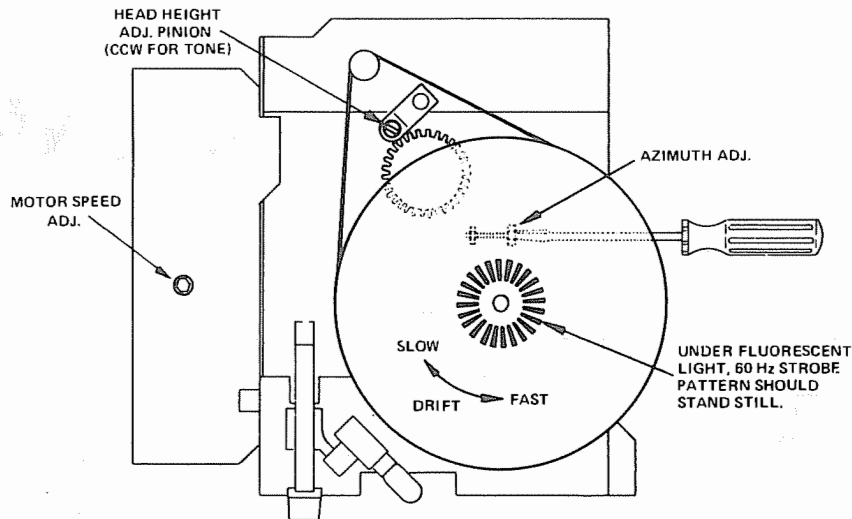
STEP	GENERATOR SIG.	ICAP ADJ.	ACTION
1	STRONG STEREO SIGNAL ( $\approx 1000 \mu\text{V}$ )	FULL CCW (OFF)	TUNE TO SIGNAL AND ADJ. VOLUME CONTROL FOR 0db REFERENCE AUDIO LEVEL ON MODULATED CHANNEL.
2	DECREASE SIG. STRENGTH TO $25 \mu\text{V}$	CW (Approx $\frac{1}{2}$ TURN)	TURN ICAP ADJ. CW UNTIL MOD. CHANNEL AUDIO DROPS 1db.

USE FIGURE 3 CONNECT VTVM @ SPEAKERS

MONAURAL AM/FM

STEP	INPUT	GENERATOR COUPLING	TUNER SETTING	ADJUSTMENT
1	MEASURE DEPTH OF OSC. CORE L1C WITH POINTER SET TO 108 MHZ ON DIAL (SHOULD BE $1 \frac{3}{8}$ ")			
2	MODULATED 108 MHZ	WITH GENERATOR CONNECTED TO ANTENNA INPUT	108	PEAK FM OSC, RF, ANT TRIMMERS FOR MAXIMUM
3	88 MHZ MODULATED	DIRECT TO ANTENNA SOCKET WITH MINIMUM OUTPUT	88	PEAK OSC, RF & ANT. COILS FOR MAXIMUM
4	99 MHZ MODULATED (WEAK)	DIRECT TO ANTENNA SOCKET	TUNE RADIO TO GENERATOR	PEAK MIXER AND PHASE COIL

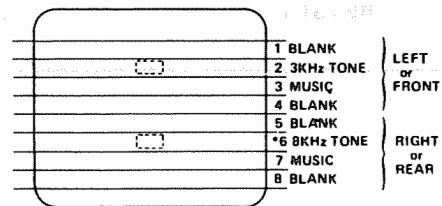
# 8-TRACK ALIGNMENT



Test Tape J-22683-01 is available from:

Kent-Moore Corporation, 1501 S. Jackson St.  
Jackson, Michigan 49203

RCA Test Tape 321 is also recommended,  
especially for head height.



\*TRACK 6 HAS 1KHz "BEEP"  
AT 60 SEC INTERVALS

## TEST TAPE PROGRAM

### HEAD HEIGHT (CROSSTALK)

USING J-22683:	PROGRAM 1,	FULL VOLUME—TURN PINION OR SCREW UNTIL TONE IS HEARD, THEN BACK IT OFF UNTIL TONE DISAPPEARS.
	PROGRAM 4,	FULL VOLUME—SHOULD BE QUIET

USING RCA 321: (OR EQUIVALENT)	PROGRAM 2,	MODERATE VOLUME—ADJUST FOR NULL
-----------------------------------	------------	---------------------------------

### AZIMUTH (HIGH FREQUENCY)

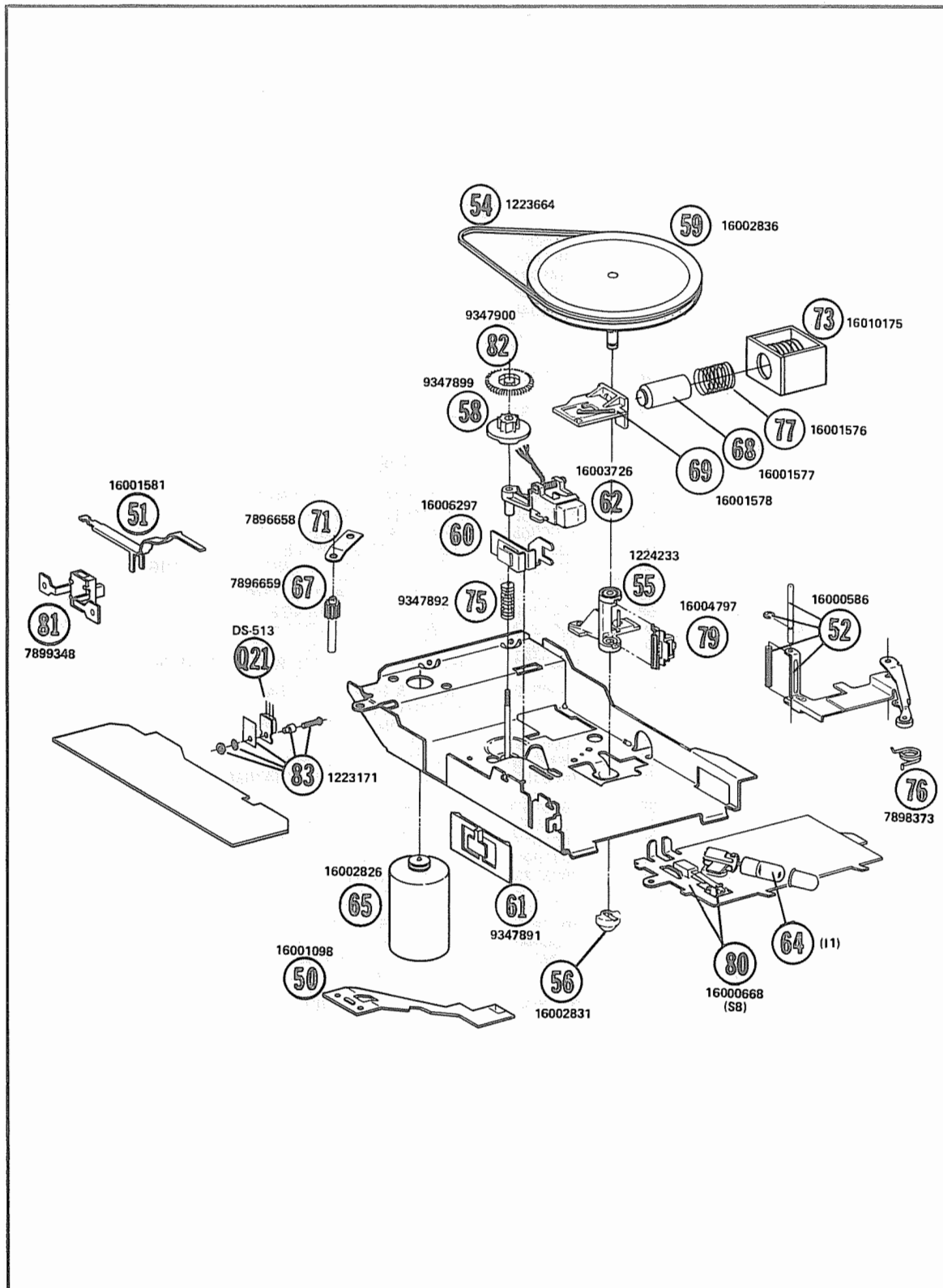
EITHER TAPE:	PROGRAM 2,	HIGH VOLUME—MONITOR 8KHz TONE, ADJUST FOR MAXIMUM, RE-CHECK HEAD HEIGHT.
--------------	------------	--

### MOTOR SPEED ADJUSTMENT

ANY GOOD TAPE:	WITH A FLUORESCENT LIGHT POSITIONED ABOVE THE FLYWHEEL, ADJUST MOTOR SPEED UNTIL THE 60Hz STROBE PATTERN IS MOTIONLESS OR DRIFTING SLIGHTLY CCW (FAST).
----------------	---

# PARTS BREAKDOWN

RADIO/TAPE



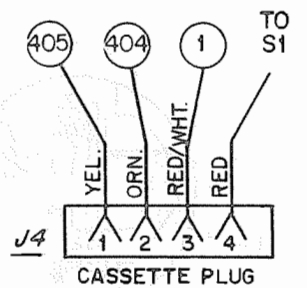
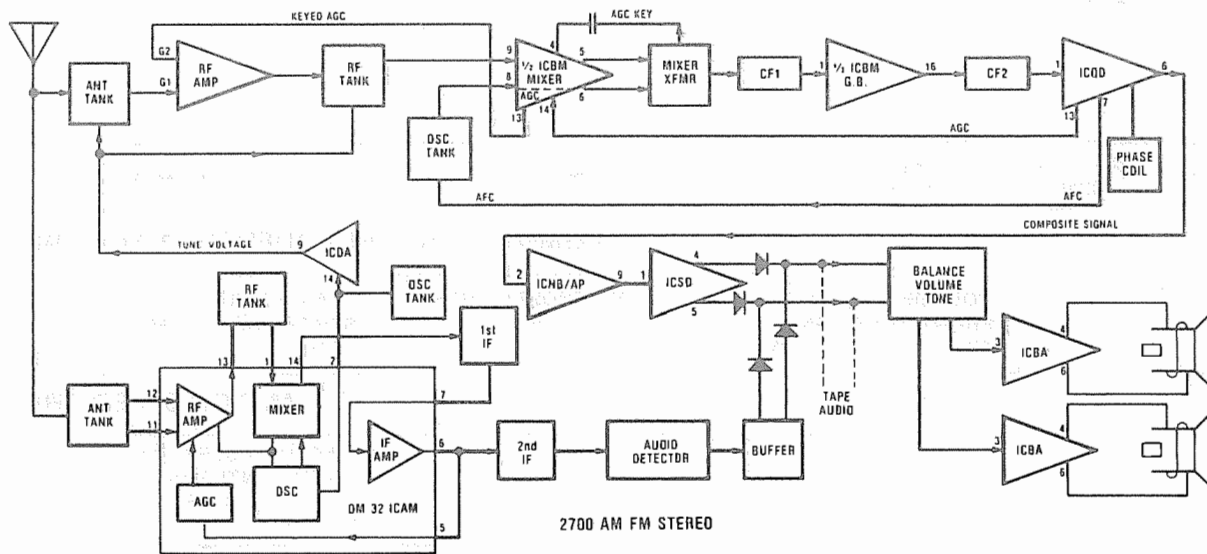
# PARTS LIST

RADIO/TAPE

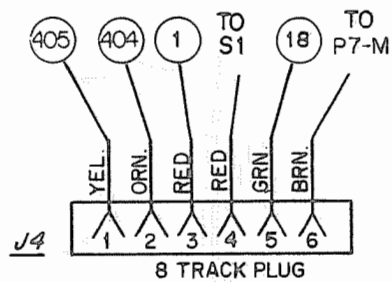
Illus. No.	Service No.	Description
<b>SEMICONDUCTORS</b>		
D10	DS-159	DIODE, ZENER 7 VOLT
D11	DS-97	DIODE, TACH RECTIFIER
D12	DS-79	DIODE, SPIKE SUPPRESSION
Q19	DS-83	TRANSISTOR, MOTOR PRE-AMP
Q20	DS-66	TRANSISTOR, MOTOR AMP
Q21	DS-513	TRANSISTOR, MOTOR CONTROL
U11	DM-50	MODULE, ICPA, TAPE PRE-AMP
<b>CAPACITORS</b>		
C184	7895005	10 MFD., 10 VOLT TANTALUM
C186	7895005	10 MFD., 10 VOLT TANTALUM
C187	9345021	250 MFD., 16 VOLT ELECTROLYTIC
C191	7296348	3 MFD., 10 VOLT TANTALUM
C201	7296348	3 MFD., 10 VOLT TANTALUM
<b>MISCELLANEOUS</b>		
J4	7897261	CONNECTOR, 6/PIN (ON TAPE BOARD)
P4	16001347	CONNECTOR & LEAD ASM. 6/PIN (RADIO TO TAPE DECK)
<b>TAPE DECK</b>		
50	16001098	ACTUATOR, PB OPERATED
51	16001581	ACTUATOR, SWITCH
52	16000586	ARM, CARTRIDGE LOCK
54	1223664	BELT, MOTOR DRIVE
55	1224233	BEARING ASM., CAPSTAN HOUSING
56	16002831	BEARING, CAPSTAN THRUST
58	9347899	CAM, TRACK CHANGE
59	16002836	FLYWHEEL & CAPSTAN ASM.
60	16006297	GUIDE ASM., TAPE
61	9347891	GUIDE PLATE, CARTRIDGE (PLASTIC)
62	16003726	HEAD & BRACKET ASM., INCL. AZIMUTH ADJ.
64		LAMP, DIAL, NO. 1893 (I1)
65	16002826	MOTOR
67	7896659	PINION, WHEEL DRIVE
68	16001577	PLUNGER, TRACK CHANGE
69	16001578	RATCHET ASM.
71	7896658	RETAINER, PINION
73	*16010175	SOLENOID ASM., TRACK CHANGE
75	9347892	SPRING, CAM
76	7898373	SPRING, CARTRIDGE LOCK ARM
77	16001576	SPRING, PLUNGER
79	16004797	STRIPPER, TAPE
80	16000668	SWITCH & PLATE PKG. (S8)
81	7899348	SWITCH, RADIO/TAPE
80	16006297	SWITCH, AUTO TRACK CHANGE (S6)
82	9347900	WHEEL, HEAD HEIGHT ADJ.
83	1223171	INSULATOR PKG. (DS-513)

\*PARTS FIRST USED IN 1980

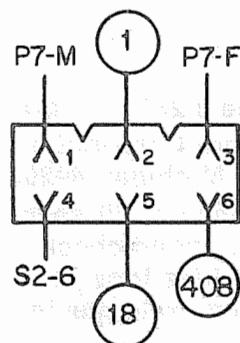
## Delco 1980 Series



RADIO/CASSETTE



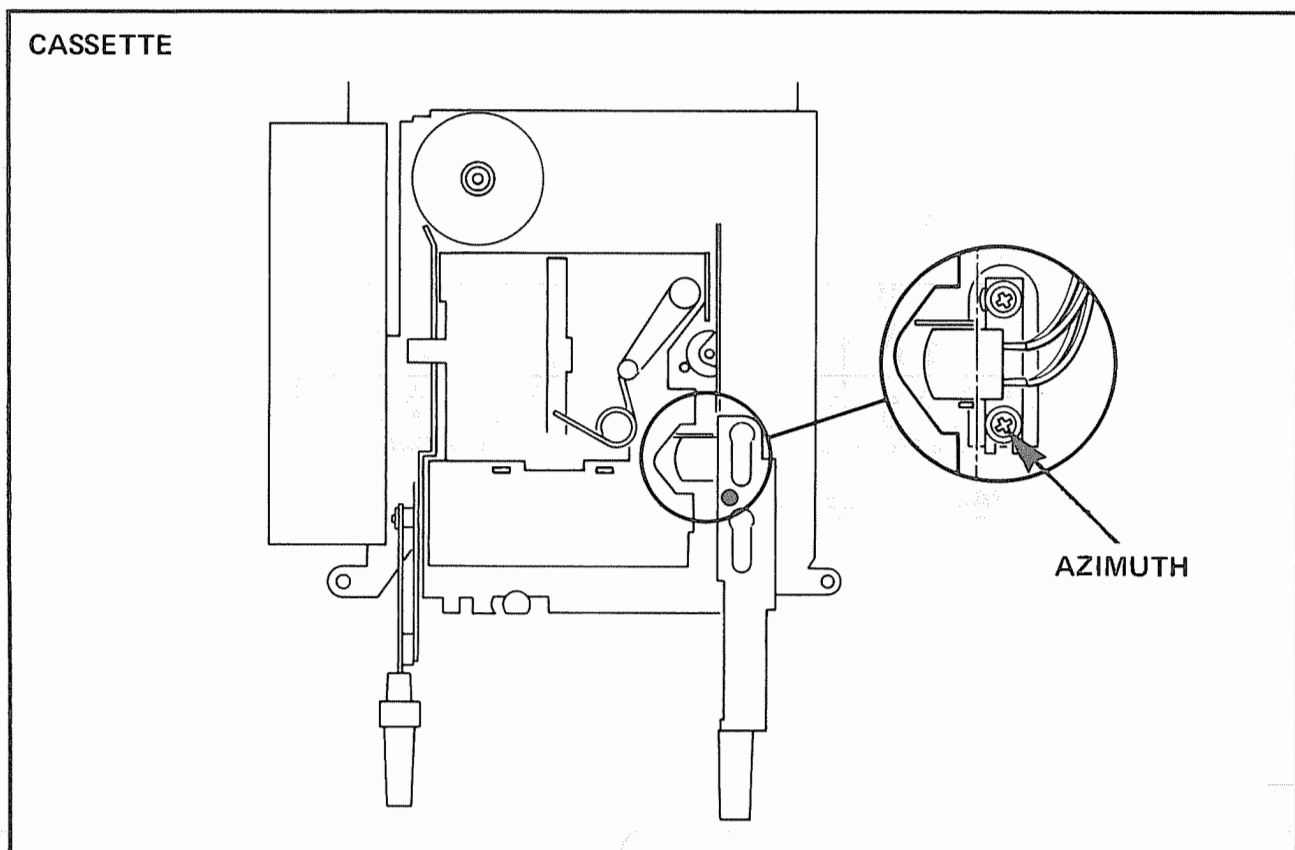
RADIO/TAPE



DIGITAL

# ALIGNMENT CASSETTE

STEP	TEST TAPE SIDE	VOLUME OR FRONT-REAR	EQUIPMENT	ADJUSTMENT
<b>AZIMUTH (HIGH FREQUENCY) ADJUSTMENT</b>				
1	2	VOLUME - FULL & FRONT-REAR CON- TROL ON FRONT (CW)	AC VTVM ACROSS EITHER FRONT SPEAKER	PEAK AZIMUTH ADJUSTMENT SCREW FOR MAXIMUM 8KHz TONE
<b>MOTOR SPEED CHECK</b>				
2	1	—	—	TIME 1KHz BEEPS (58-60 SECOND INTERVALS). IF OUTSIDE LIMITS — REPLACE MOTOR.



Test Tape J-23724 is available from:  
 Kent-Moore Corporation, 1501 S. Jackson St.  
 Jackson, Michigan 49203  
 Side 1: Beep at 60 second intervals  
 for motor speed check.  
 Side 2: 8 KHz tone for azimuth and  
 balance control adjustment.



# CASSETTE TAPE

## APPLICATION

## 1980 SERVICE REFERENCE NO.

## PART NUMBER

CHEVROLET A, B, F, HSP

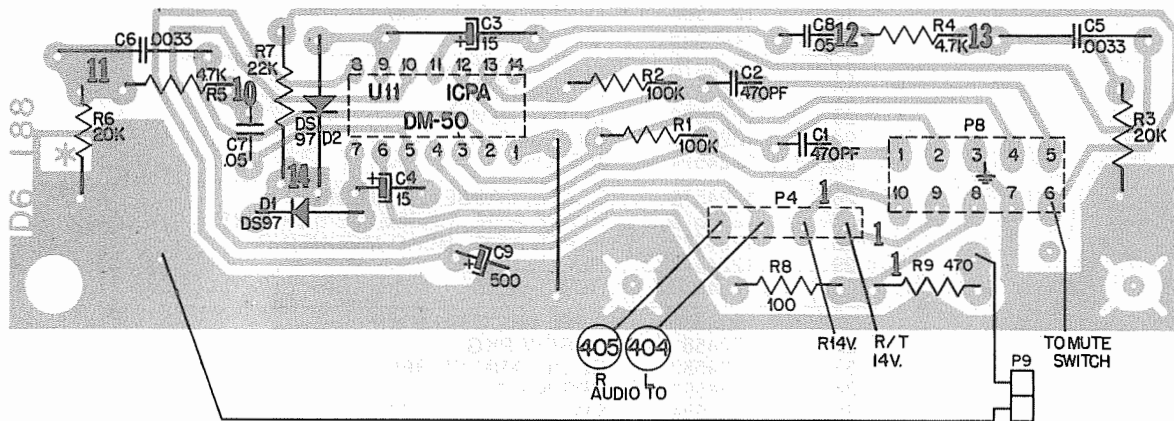
PONTIAC A, B, F, HSP

OLDSMOBILE A, B, C, E, HSP

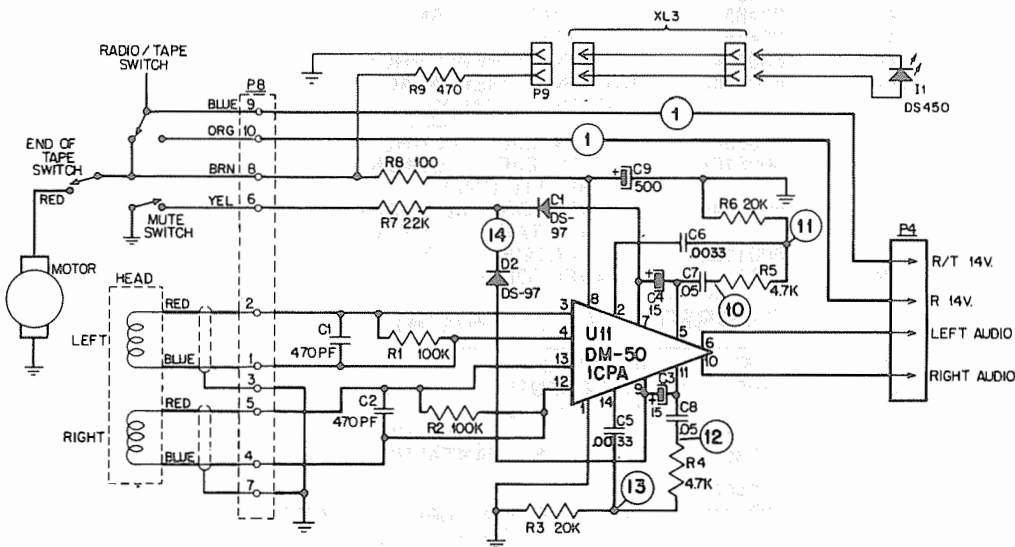
BUICK A, B, C, E, HSP & TRUCKS .....00BFCT1 .....16008160

CORVETTE .....01YFCT1 .....16006991

## SERVICE AIDS



## SCHEMATIC

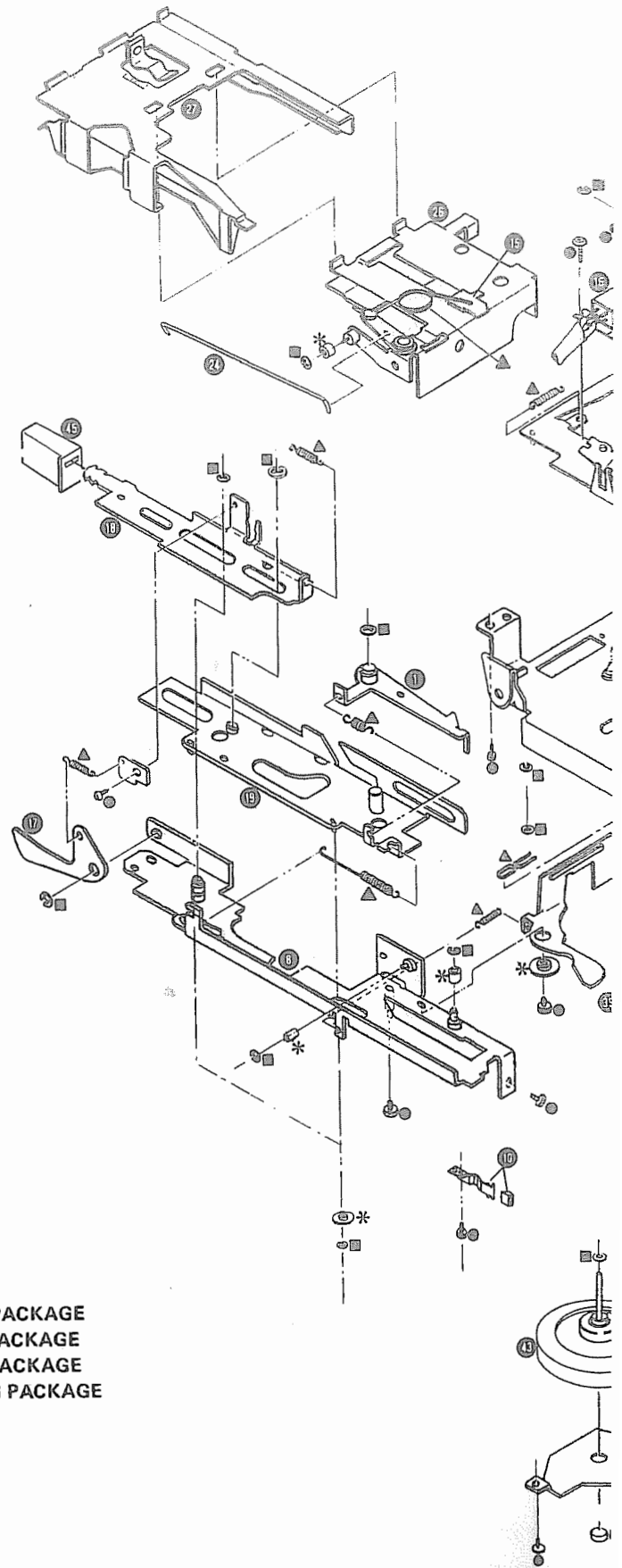


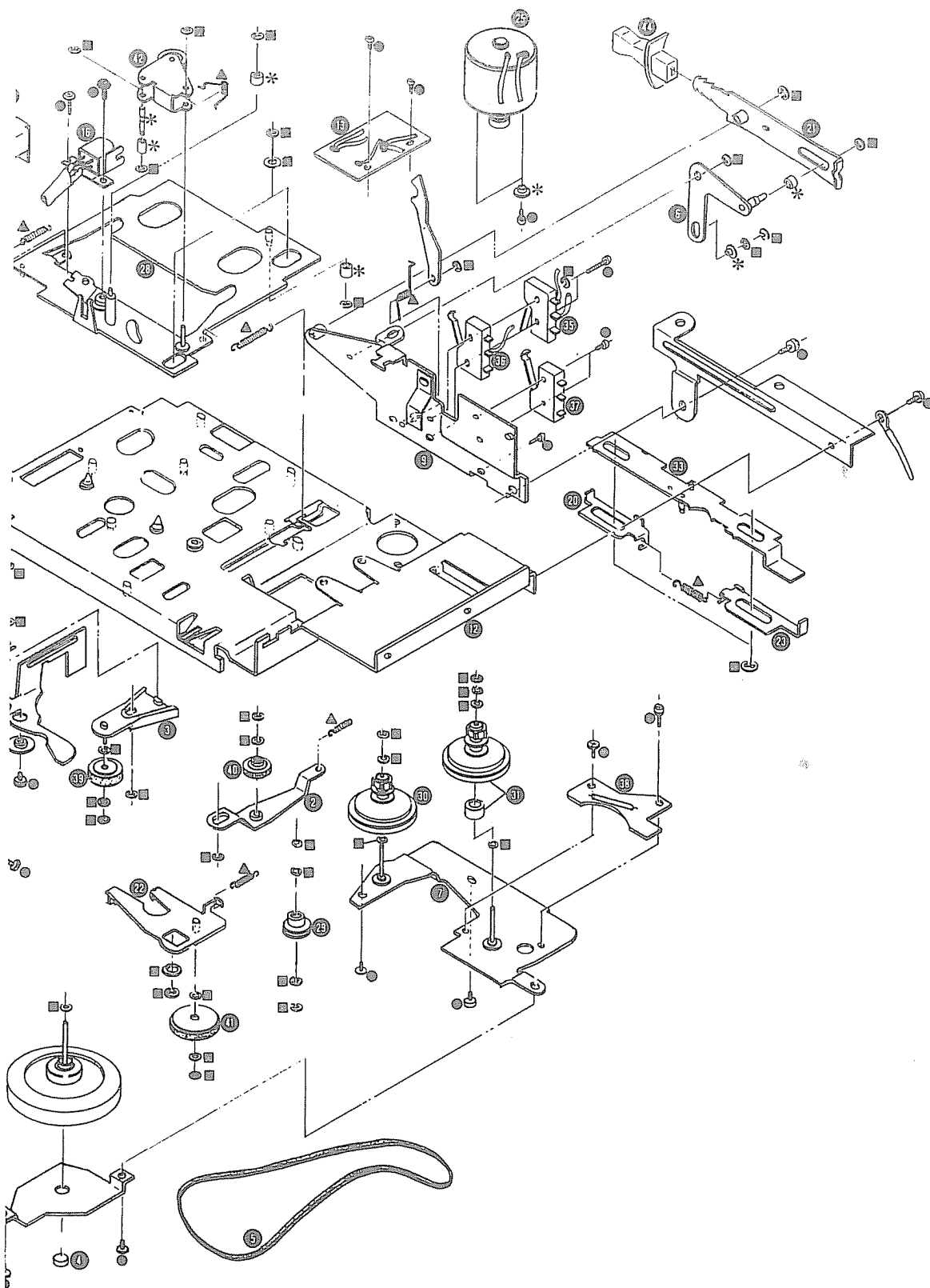
U11 DM-50 ICPA	
Pin	Voltages
1	0V
2	0V
3	.65V
4	.65V
5	1.8V
6	1.1V
7	3.0V
8	13.1V
9	3.2V
10	1.3V
11	2.0V
12	.65V
13	.65V
14	0V

# PARTS LIST

Illus. No.	Service No.	Description
<b>CASSETTE DECK</b>		
1	1224550	ARM, EJECT LOCK
2	1224551	ARM, IDLER
3	1224552	ARM, IDLER FF/REW
4	1224553	BEARING, CAPSTAN
5	1224554	BELT
6	1224555	BELL CRANK, FF/REW
7	1224556	BRACKET, REEL MOUNTING
8	1224557	BRACKET, EJECT
9	1224558	BRACKET, SWITCH MOUNTING
10	1224559	BRAKE, PKG.
11	1224560	BUSHING PKG.
12	1224561	CHASSIS ASM.
13	1224562	CIRCUIT BRD. ASM., AUTO STOP
14	1224563	E-RING & WASHER PKG.
15	1224564	GUIDE, CASSETTE
16	1224565	HEAD ASSEMBLY
17	1224566	LEVER, DOOR
18	1224567	LEVER, EJECT
19	1224568	LEVER, EJECT ASM.
20	1224569	LEVER, FF
21	1224570	LEVER, FF/REW
22	1224571	LEVER, IDLER
23	1224572	LEVER, REW
24	1224573	LINK, EJECT
25	1224574	MOTOR
26	1224575	PLATE, CASSETTE GUIDE
27	1224576	PLATE ASM., CASSETTE SUPPORT
28	1224577	PLATE ASM., HEAD MOUNTING
29	1224578	PULLY, IDLER
30	1224579	REEL, FEED
31	1224580	REEL PKG., TAKE UP
32	1224581	SCREW PKG.
33	1224582	SLIDE, ARM FF/REW
34	1224583	SPRING PKG.
35	1224584	SWITCH, AUTO STOP
36	1224585	SWITCH, MUTE
37	1224586	SWITCH, RADIO/TAPE
38	1224587	SWITCH, REED & BOARD ASM.
39	1224588	WHEEL, IDLER FF/REW
40	1224589	WHEEL, IDLER FF/REW
41	1224590	WHEEL, IDLER PLAY
42	1224653	PINCH, ROLLER ASM.
43	1224654	FLYWHEEL
44	16006945	BUTTON, FF/REW-CHROME
44	16008103	BUTTON, FF/REW-BLACK (CORVETTE ONLY)
45	16006944	BUTTON, EJECT - CHROME
45	16008104	BUTTON, EJECT - BLACK (CORVETTE ONLY)
P9	16010145	CONNECTOR & LEAD ASM., 2-WIRE, TAPE INDICATOR
P8	16001132	CONNECTOR, 10-PIN
P4	16001133	CONNECTOR, 4-PIN
<b>CASSETTE ELECTRICAL</b>		
U11	DM-50	IC PRE-AMP
D1	DS-97	AUDIO MUTE
D2	DS-97	AUDIO MUTE
C3	9348339	15 MFD., 3V, TANTALUM
C4	7936361	15 MFD., 6V, TANTALUM
C9	9345107	500 MFD., 16V, LYTIC
J4	16001248	CONNECTOR & LEAD ASM., 4-PIN (RADIO TO TAPE DECK)
XL3	16008068	SOCKET & LEAD ASM., TAPE IND.
I1	DS-450	LED, TAPE, GREEN

# PARTS BREAKDOWN



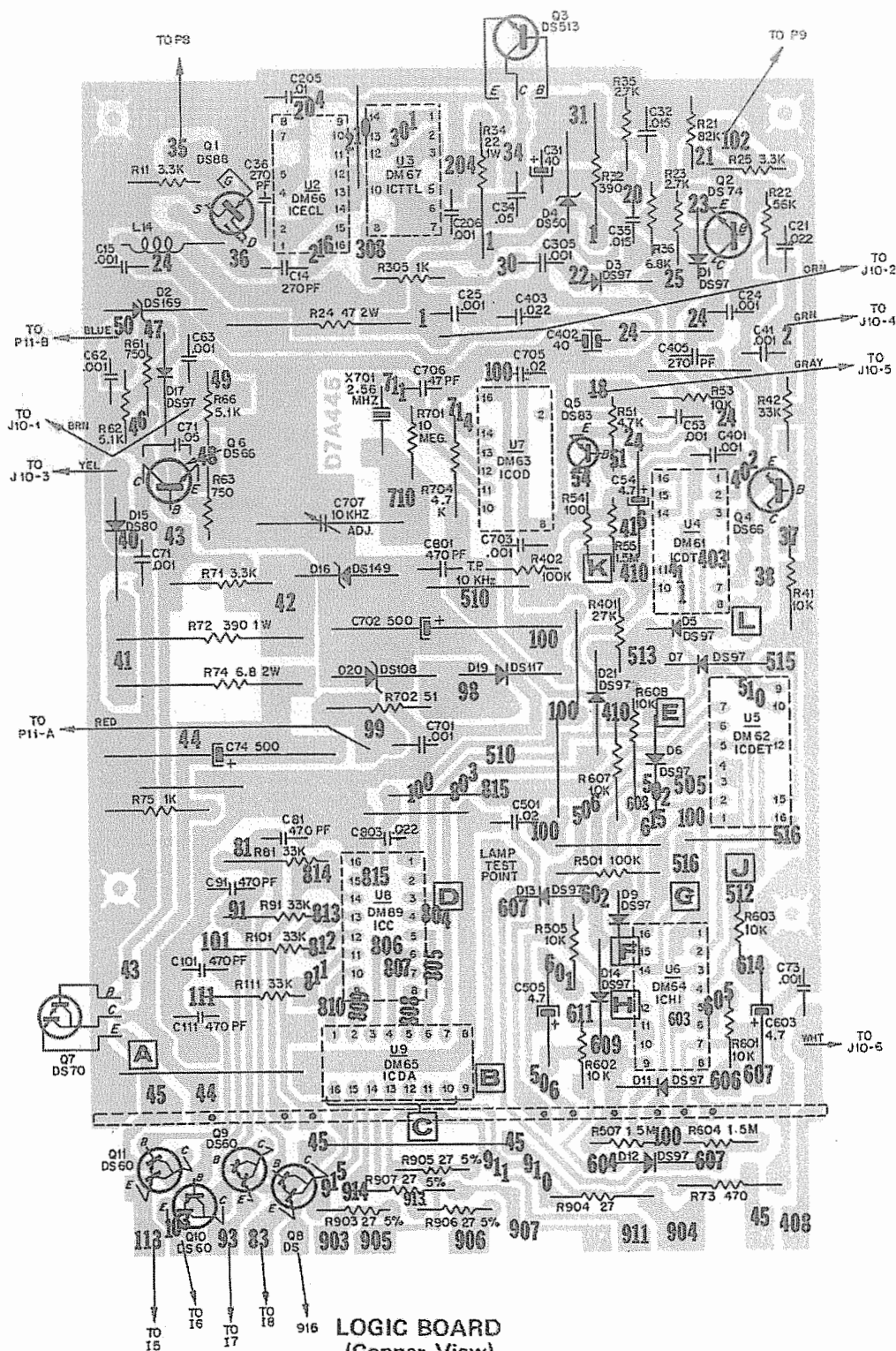


## DIGITAL

NOTE:

Connections at U4, pins 7 & 8, depend on a frequency as determined by CF-1 and CF-2 on

CF-1, CF-2	MHz	U4 CONNEC
BLACK	10.64	7 to Q4, 8
RED	10.70	8 to Q4, 7
WHITE	10.76	7 & 8 to C

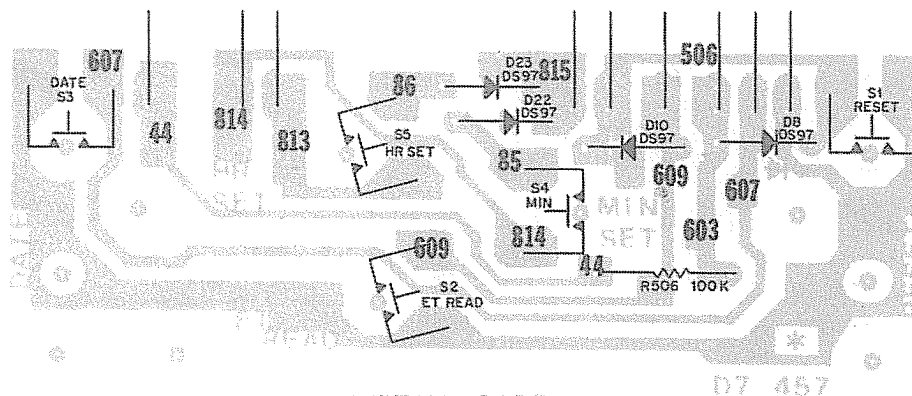


7 & 8, depend on exact FM I.F.  
by CF-1 and CF-2 on radio board.

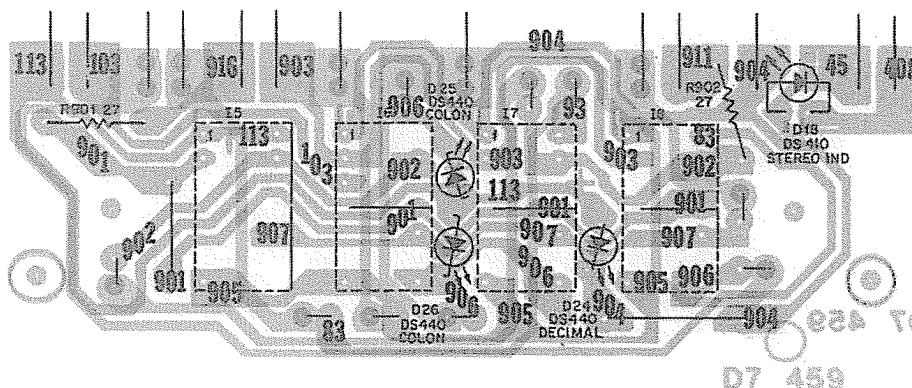
Iz	U4 CONNECTIONS
14	7 to Q4, 8 GND.
10	8 to Q4, 7 GND.
16	7 & 8 to Q4

### IC VOLTAGE CHART

	U2	U3	U4		U5		U7	U8		U9	
PIN/ MODE	ALL	ALL	TIME	RECALL	TIME	DATE	E.T.	ALL	TIME	ALL	PIN
1	0	2	13		12.8			6.4	12.8		1
2	0	0	9.6		12.8	12.8	0	6.4	6.4	RECALL	2
3	4.5	0	0.1	1.1	12.8			6.4	0.8	1.4	3
4	5.0	0	0.1		12.8			6.4		1.7	4
5	5.0	5	0		0			6.4			5
6	0	0	13		12.6			6.4			6
7	5.0	0	0		2.6			6.4			7
8	4.6	1.7	13		12.7			0			8
9	4.5	1.5	13		0			6.2		0	9
10	1.7	0	0.1	13	6.4			6		0.9	10
11	1.7	1	0	12.8	12.7			4.2	2.3		11
12	0	2	0		12.7	0	0	0	2.3	VARIES	12
13	0	1.7	0		0			6.4	2.3	4.2-0.8	13
14	0	1.7	6.3		12.7			6.4	2.3	SET	14
15	3.7	0	0		0	1.2	1.2	6.4	2.5	4.9	15
16	3.7	0	6.3		0	12.7	12.7	12.8	0	SEGMENTS	16



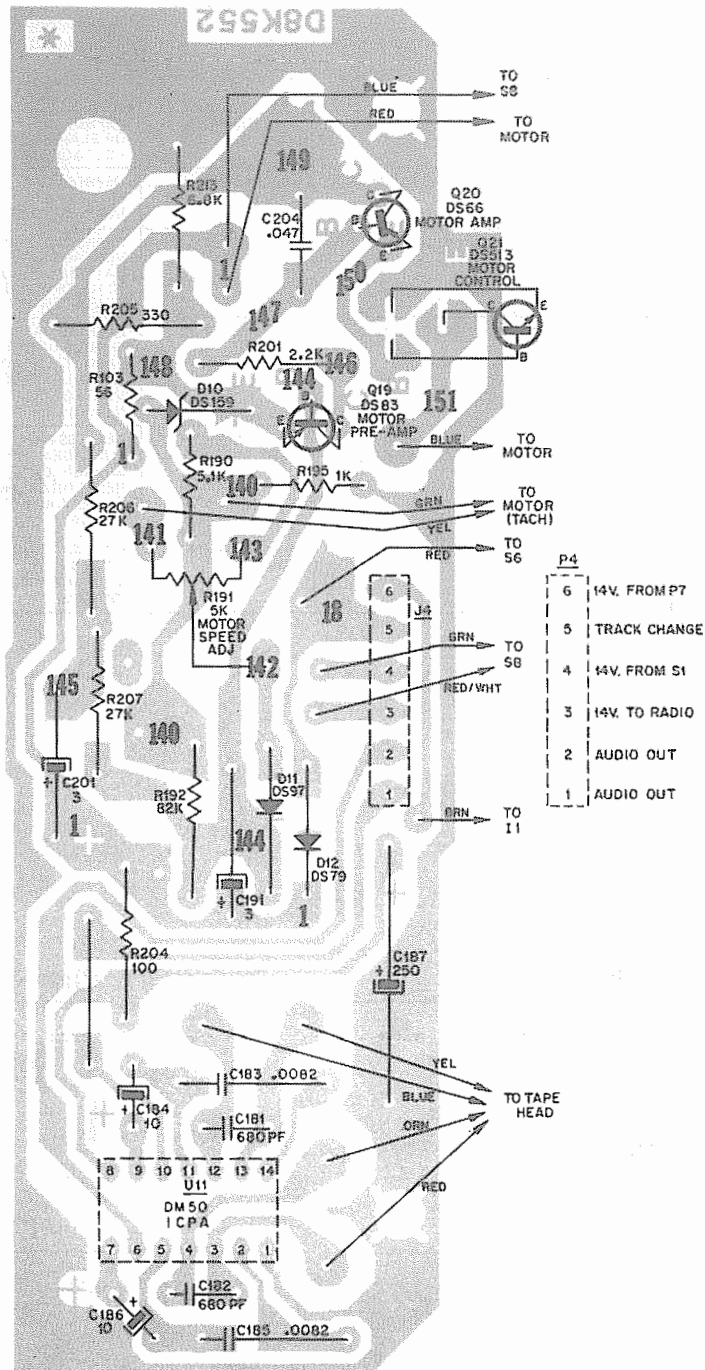
SWITCH BOARD  
(Copper View)



DISPLAY BOARD  
(Copper View)

DM-50 VOLTAGES

Pin	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Volt	0	0	.64	.64	2.3	1.8	3.5	13.1	3.5	1.8	2.3	.64	.64	0



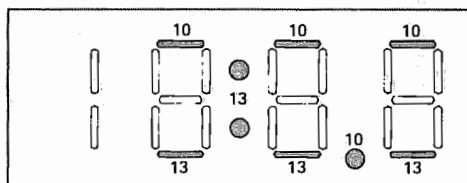
MOTOR SPEED &  
PRE-AMP BOARD  
(Copper View)

## DIGITAL RADIO TROUBLESHOOTING

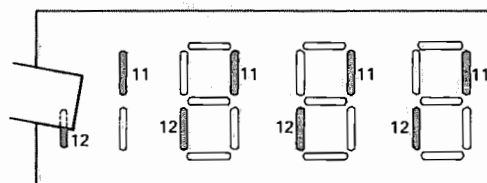
TEST POINT	NAME	TEST	RESULT
<b>A</b> — Q7 EMITTER	DISPLAY REGULATOR	MEASURE VOLTAGE	SHOULD BE $7V \pm 2V$  DO NOT PROCEED UNTIL NEAR 7V IS OBTAINED
<b>B</b> — PIN-9 U9	LAMP TEST POINT	GROUND TEST POINT B	ALL SEGMENTS & ALL LED'S SHOULD ILLUMINATE
<b>C</b> — PINS 10-16 DM-65	SEGMENT CONTROL	GROUND EACH PIN (10-16) ON DM-65	SEE DISPLAY
<b>D</b> — PIN-3 U8	MODE SWITCH DATA LINE INPUT	GROUND PIN-3 DM-89	CLOCK MODE OVER- RIDES ALL OTHER FUNCTIONS
<b>E</b> — PIN-11 U4	ICDTI STATUS	GROUND PIN-11 DM-61	FREQUENCY CANNOT BE DISPLAYED
<b>F</b> — PIN-15 U6	STATUS CONTROL	MEASURE PIN-15 DM-64	DEPRESS DATE, RESET, OR ELAPSED TIME — VOLTAGE GOES LOW
<b>G</b> — PIN-14 U6	STATUS CONTROL	MEASURE PIN-14 DM-64	DEPRESS DATE, RESET, OR ELAPSED TIME — VOLTAGE GOES HIGH
<b>H</b> — PIN-2 U5	ET SELECT	MEASURE PIN-2 DM-62	DEPRESS ET OR RESET, VOLTAGE GOES LOW DATE OR FREQUENCY "CALL UP" CAUSES VOLTAGE TO GO HIGH
<b>J</b> — PIN-12 U5	DATE SELECT	MEASURE PIN-12 DM-62	DEPRESS DATE — VOLTAGE SHOULD DROP TO 0 FREQ., ET, OR RESET "CALL UP" CAUSES VOLTAGE TO RISE TO NEAR B+
<b>K</b> — PIN-10 U4	FREQUENCY DISPLAY GATE	MEASURE PIN-10 DM-61	DEPRESS FREQ* — VOLTAGE SHOULD GO HIGH. DATE, RESET OR ET SHOULD CAUSE VOLTAGE TO GO LOW
<b>L</b> — PIN-8 U4	IF SELECT	MEASURE PIN-8 DM-61	VOLTAGE IS HIGH FOR FM VOLTAGE IS LO FOR A.M.

### DISPLAY

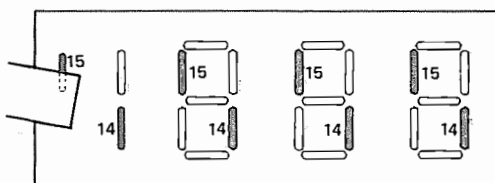
**PINS 10 & 13**



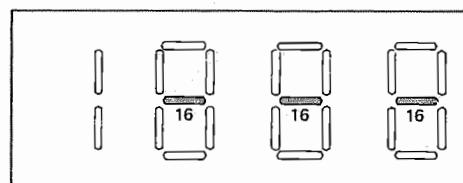
**PINS 11 & 12**



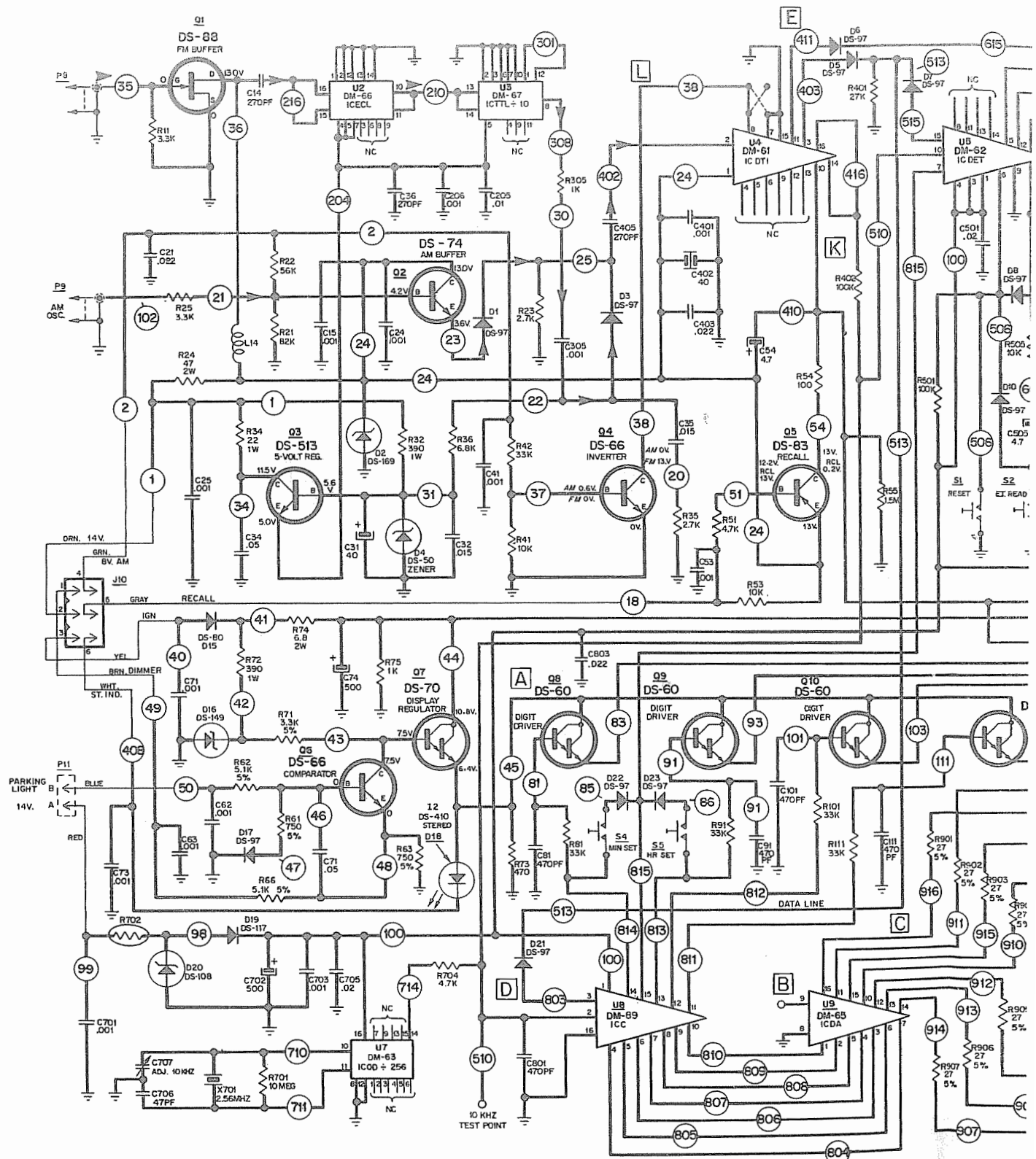
**PINS 14 & 15**



**PIN 16**







VOLTAGES MEASURED WITH A  
VTVM NO SIGNAL AND 14 VOLTS  
APPLIED TO RADIO.

01BFMD1  
DIGITAL

# SCHEMATIC

## NOTICE

U4, U5, U6, U7 & U8 are MOS devices.

Maintain module terminals at same potential until installed — by: grounding body, tweezers, work surfaces & soldering iron tips.

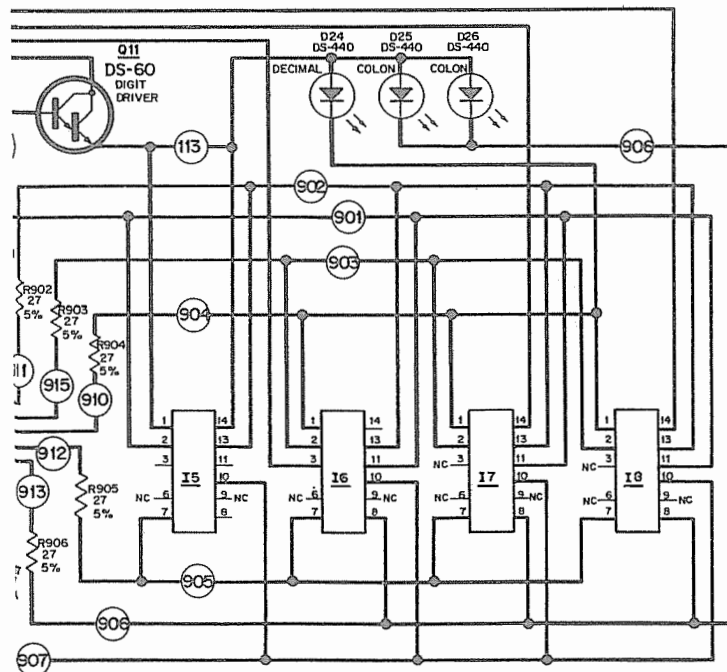
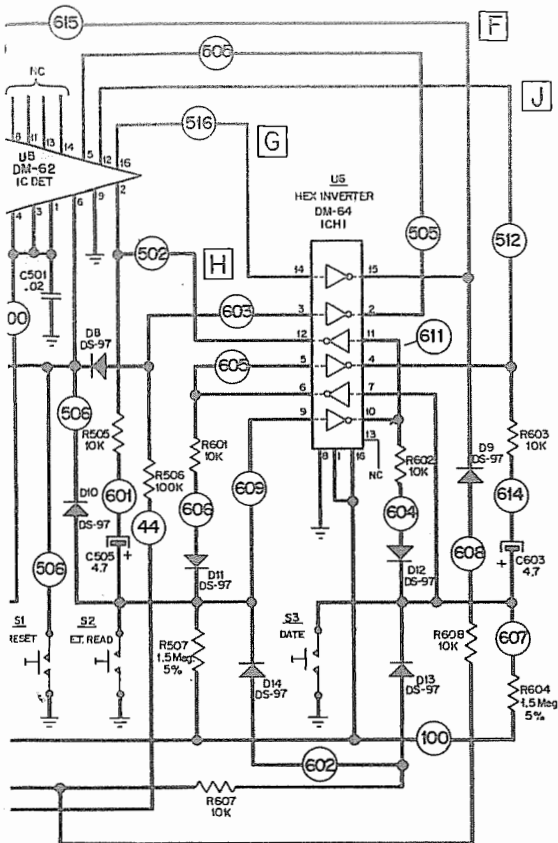
NEVER HANDLE DEVICE BY LEADS (even installed).

Avoid electrostatic materials such as: plastic, nylon, etc.

## NOTICE

GROUND PROBE BEFORE MAKING MEASUREMENTS ON IC. ALSO, DO NOT SHORT IC PINS TOGETHER OR TO GROUND OR IC MAY BE DESTROYED.

\*SPECIAL CAPACITORS, SEE PARTS LIST

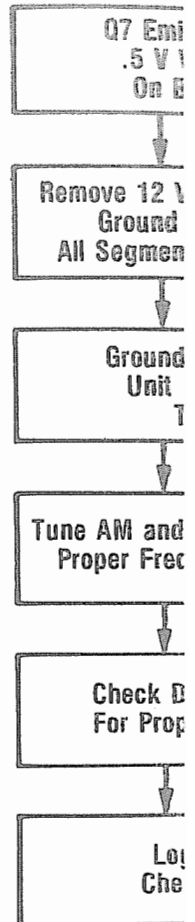
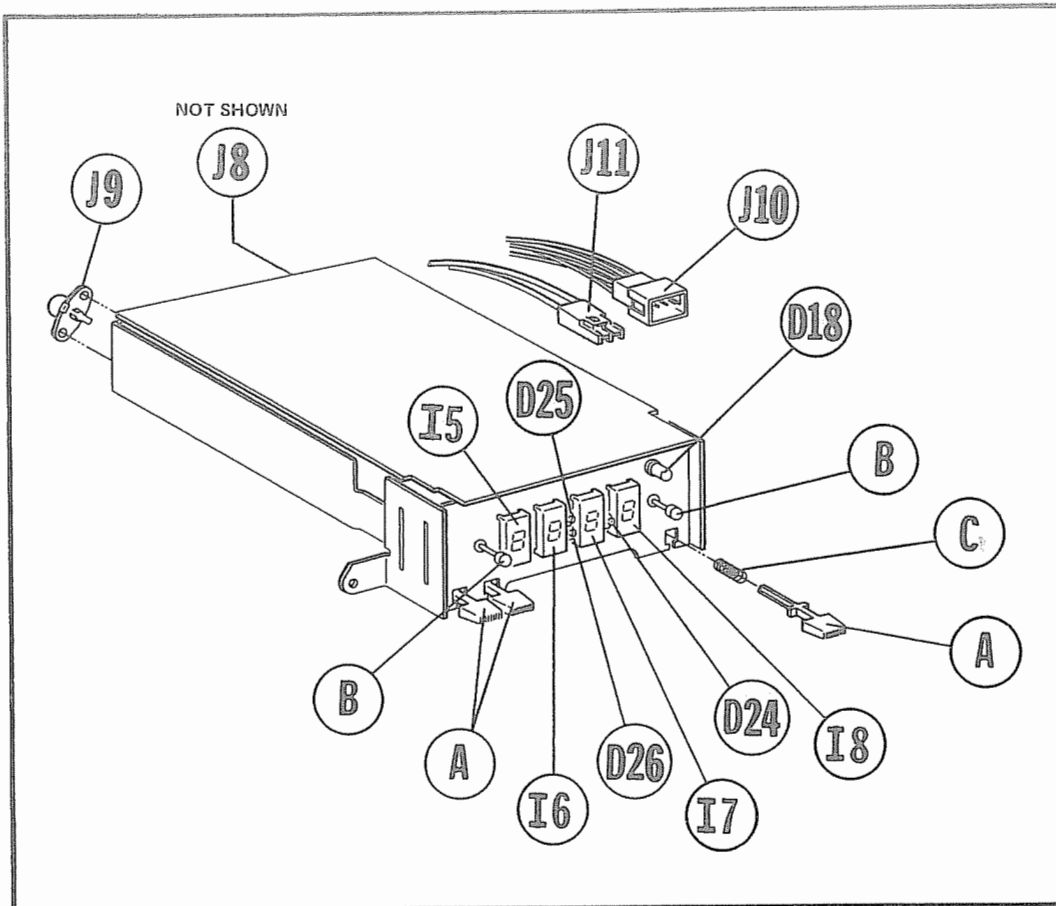


## Q8-9-10-11 DIGIT DRIVERS VOLTAGES

E-2V  
B-1.4V  
C-7V

## PARTS BREAKDOWN

DIGITAL



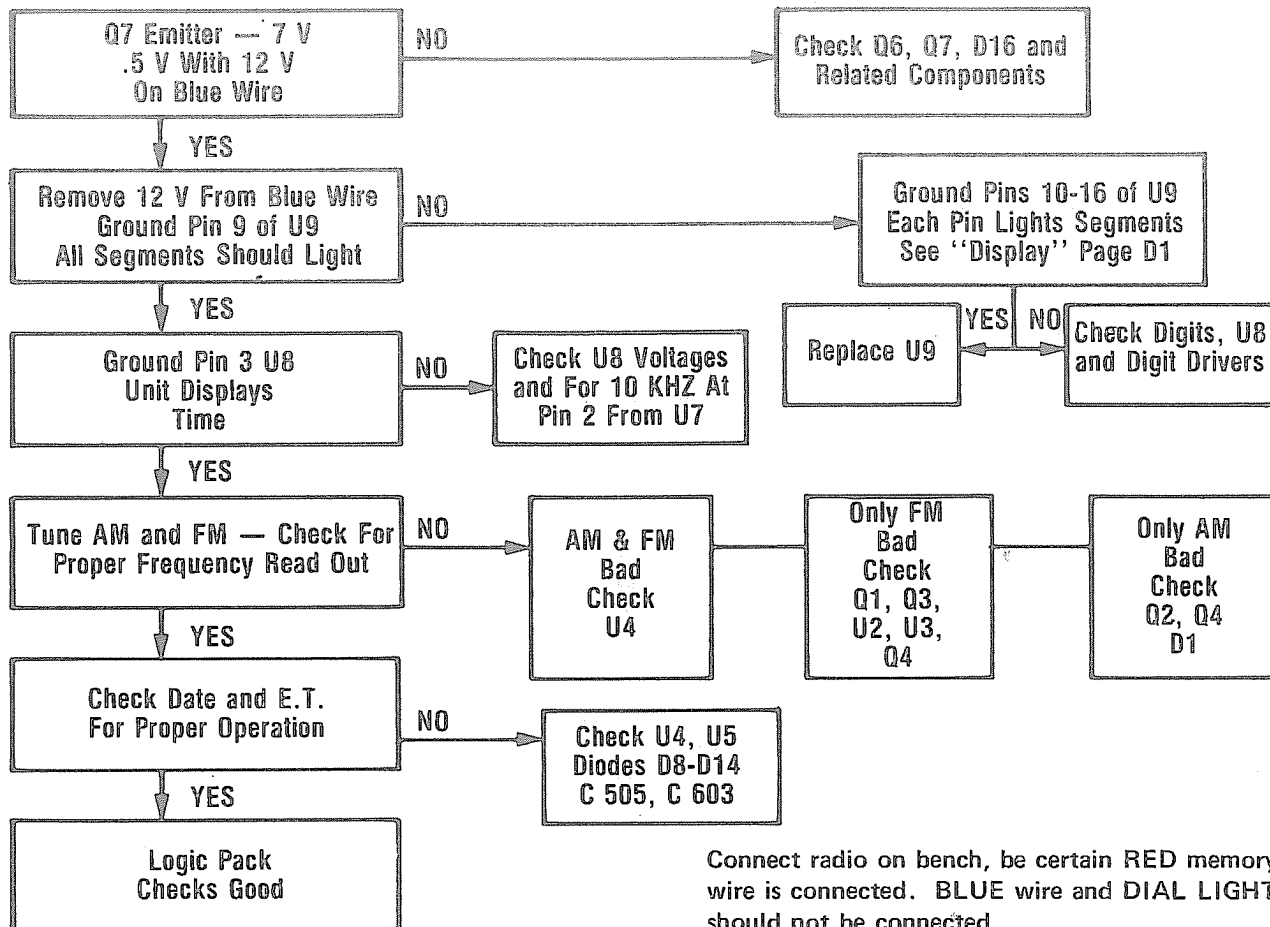
## PARTS LIST

Illus. No.	Service No.	Description
<b>MISCELLANEOUS PARTS</b>		
A	9349779	PUSHBUTTON, CALL-UP
B	9349780	PUSHBUTTON, TIME-SET
C	7897361	SPRING, PB
S1	9349778	SWITCH, RESET
S2	9349778	SWITCH, ET READ
S3	9349778	SWITCH, DATE
S4	9349778	SWITCH, MIN. SET
S5	9349778	SWITCH, HR. SET
J8	7291633	CONNECTOR FM IN
P8	7895181	CONNECTOR PLUG, COAX
J9	7291633	CONNECTOR AM IN
P9	7895181	CONNECTOR PLUG, COAX
J10	7897453	PLUG & CABLE ASM., 6/PIN, TO RADIO
P10	7897460	CONNECTOR & LEAD ASM., 6/PIN, (TO DIGITAL UNIT)
P11	7895132	CABLE ASM., 2/PIN, TO CAR HARNESS
J11	1224223	CONNECTOR & LEAD ASM., 2/PIN (MEMORY WIRE) IN-CAR

Illus. No.	Service No.	Description
<b>SEMICONDUCTORS</b>		
D1	DS-97	DIODE, OR GATE
D2	DS-169	DIODE, SHUNT REGULATOR ZENER
D3	DS-97	DIODE, OR GATE
D4	DS-50	DIODE, 5.6 VOLT ZENER
D5	DS-97	DIODE, OR GATE
D6	DS-97	DIODE, OVERRIDE OR GATE
D7	DS-97	DIODE, OVERRIDE OR GATE
D8	DS-97	DIODE, DATA OR GATE
D9	DS-97	DIODE, OVERRIDE
D10	DS-97	DIODE, DATA OR GATE
D11	DS-97	DIODE, OVERRIDE
D12	DS-97	DIODE, DATA OR GATE
D13	DS-97	DIODE, DATA OR GATE
D14	DS-97	DIODE, OVERRIDE
D15	DS-80	DIODE, REVERSE VOLTAGE PROTECTION
D16	DS-149	DIODE, 8 VOLT ZENER
D17	DS-97	DIODE, COMPARATOR
D18	DS-410	LED, STEREO IND., I2
D19	DS-117	DIODE, SHUNT REGULATOR, ZENER
D20	DS-108	DIODE, SHUNT REGULATOR, ZENER
D21	DS-97	DIODE, OR GATE
D22	DS-97	DIODE, OVERRIDE
D23	DS-97	DIODE, OVERRIDE
D24	DS-440	LED, DECIMAL
D25	DS-440	LED, COLON
D26	DS-440	LED, COLON

Illus. No.	Service No.
Q1	DS-88
Q2	DS-74
Q3	DS-51
Q4	DS-66
Q5	DS-83
Q6	DS-66
Q7	DS-70
Q8-Q11	DS-60
U2	DM-66
U3	DM-66
U4	DM-66
U5	DM-66
U6	DM-66
U7	DM-66
U8	DM-88
U9	DM-66
I5	7895C
I6	7895C
I7	7895C
I8	7895C
X701	7895C
L14	7895C

## DIGITAL RADIO TROUBLESHOOTING



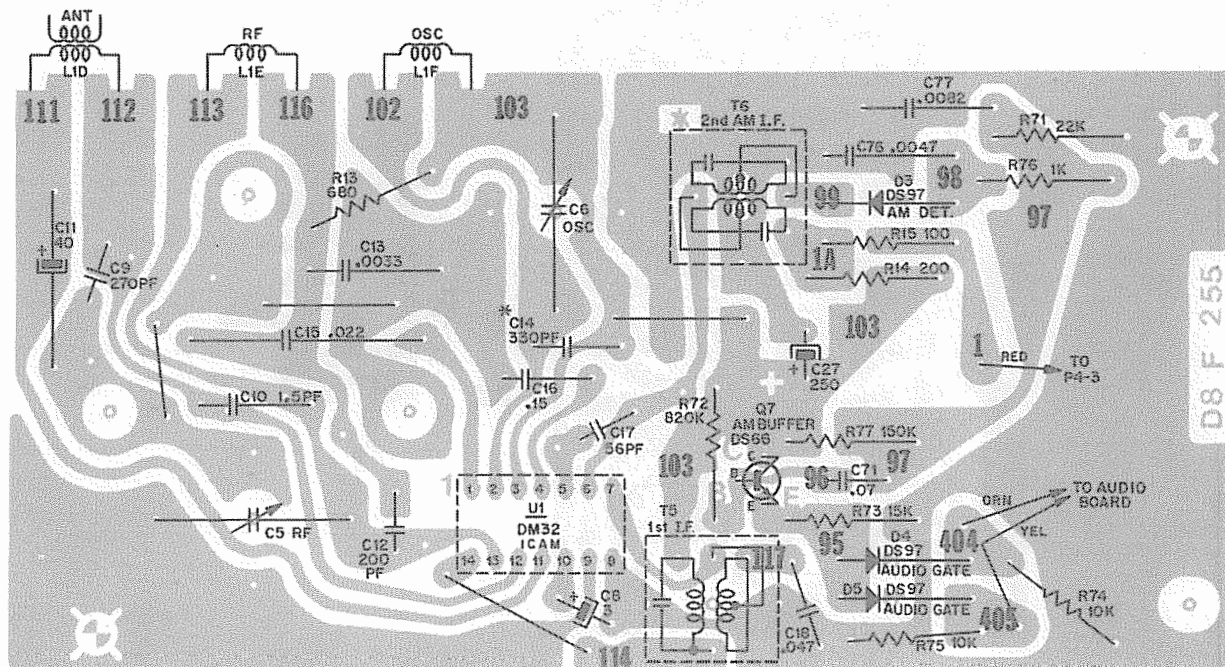
Connect radio on bench, be certain RED memory wire is connected. BLUE wire and DIAL LIGHT should not be connected.

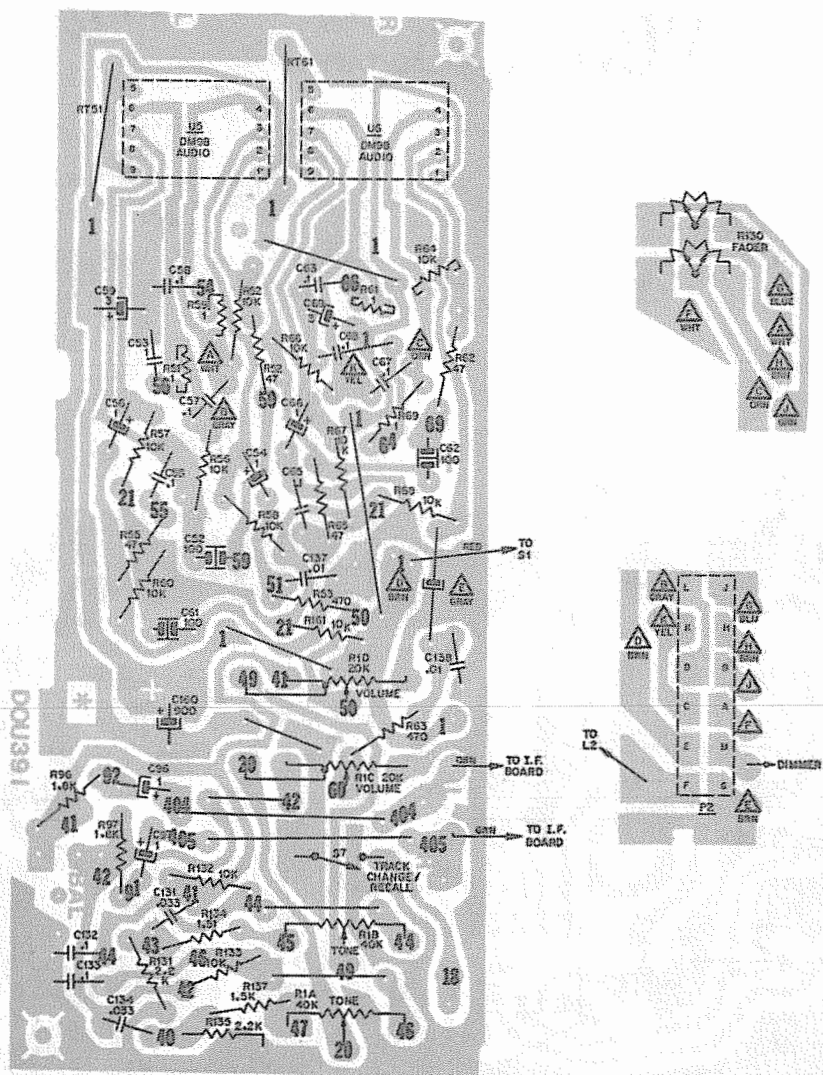
Illus. No.	Service No.	Description
Q1	DS-88	TRANSISTOR, J-FET, DS-88 FM BUFFER
Q2	DS-74	TRANSISTOR, AM BUFFER, DS-74
Q3	DS-513	TRANSISTOR, 5 VOLT, REGULATOR
Q4	DS-66	TRANSISTOR, 8 VOLT, INVERTER
Q5	DS-83	TRANSISTOR, RECALL
Q6	DS-66	TRANSISTOR, COMPARATOR
Q7	DS-70	TRANSISTOR, DISPLAY REGULATOR
Q8-Q11	DS-60	TRANSISTOR, DARLINGTON, DIGIT DRIVERS
U2	DM-66	MODULE, DIVIDE BY 10
U3	DM-67	MODULE, DIVIDE BY 10
U4	DM-61	MODULE, DIGITAL TUNING INDICATOR
U5	DM-62	MODULE, DATE & ELAPSED TIME
U6	DM-64	MODULE, HEX INVERTER
U7	DM-63	MODULE, OSCILLATOR DIVIDER
U8	DM-89	MODULE, CLOCK COUNTER
U9	DM-65	MODULE, DARLINGTON ARRAY
I5	7895075	DISPLAY 7 SEGMENTS
I6	7895075	DISPLAY 7 SEGMENTS
I7	7895075	DISPLAY 7 SEGMENTS
I8	7895075	DISPLAY 7 SEGMENTS
X701	7895064	CRYSTAL, 2.56 MHz
<b>COILS</b>		
L14	7895063	CHOKE 22 $\mu$ H

Illus. No.	Service No.	Description
<b>CAPACITORS</b>		
C31	7298555	40 MFD., 16 VOLT, TANTALUM
C54	7310782	4.7 MFD., 10 VOLT, TANTALUM
C74	9342269	500 MFD., 16 VOLT, TANTALUM
C402	9340269	40 MFD., 16 VOLT, NP, ELECTROLYTIC
C505	7310782	4.7 MFD., 10 VOLT, TANTALUM
C603	7310782	4.7 MFD., 10 VOLT, TANTALUM
C702	9342269	500 MFD., 16 VOLT, ELECTROLYTIC
C707	7311368	TRIMMER
<b>RESISTORS &amp; CONTROLS</b>		
R24	7897447	47 OHM, 2W
R34	7895088	22 OHM, 1W
R72	7895090	390 OHM, 1W
R74	7897449	6.8 OHM, 2W
R702	7897448	51 OHM, 1W, WIRE WOUND
R901	16001052	27 $\Omega$ , 5%, RESISTOR
R902	16001052	27 $\Omega$ , 5%, RESISTOR
R903	16001052	27 $\Omega$ , 5%, RESISTOR
R904	16001052	27 $\Omega$ , 5%, RESISTOR
R905	16001052	27 $\Omega$ , 5%, RESISTOR
R906	16001052	27 $\Omega$ , 5%, RESISTOR
R907	16001052	27 $\Omega$ , 5%, RESISTOR

# SERVICE AIDS

AM RADIO TAPE





**AUDIO BOARD**  
(Copper View)

# SERVICE AIDS

2700 cc STEREO CASSETTE

U1 DM-32 ICAM		
PIN	VOLTAGE	
	FM	AM
1	5.1V	5.1V
2	7.3V	7.3V
3	7.3V	7.3V
4	5.1V	5.1V
5	.22V	.26V
6	.9V	12.3V
7	.7V	.7V
8	0V	0V
9	0V	0V
10	.66V	.69V
11	.66V	.69V
12	.66V	.69V
13	.5V	4.1V
14	7.2V	7.3V

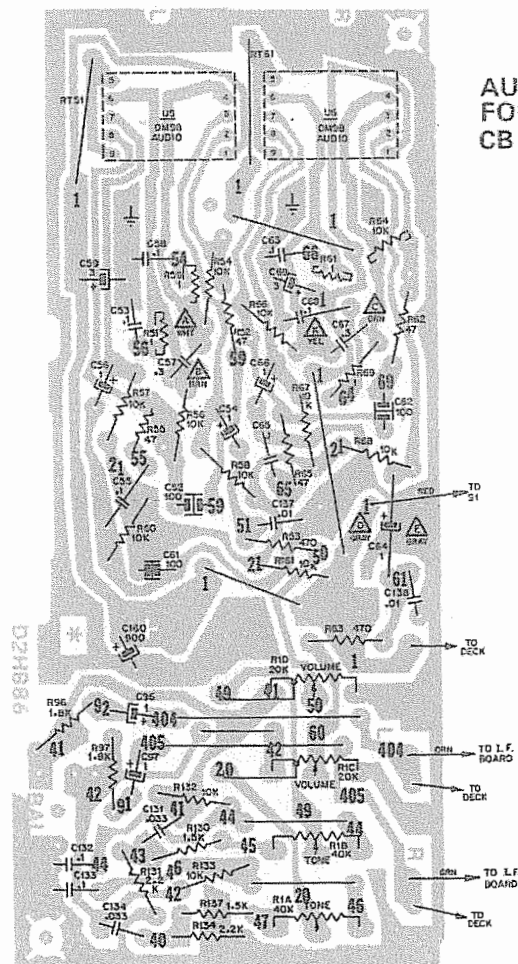
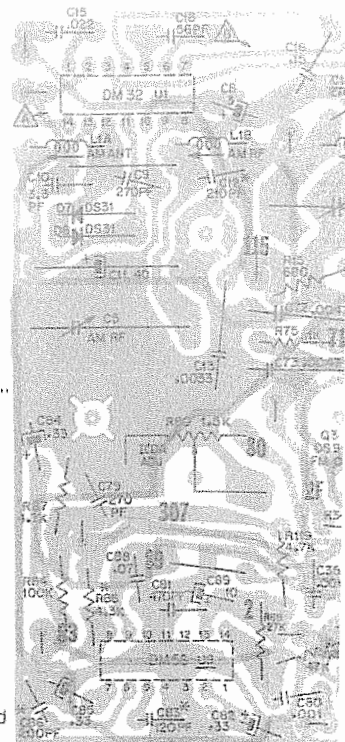
U2 DM-37 ICBM		
PIN	VOLTAGE	
1	2.0V	
2	2.0V	
3	.0V	
4	1.1V	
5	12.3V	
6	12.3V	
7	3.7V	
8	3.7V	
9	2.1V	
10	2.1V	
11	0V	
12	7.9V	
13	7.8V	5.6V
14	.6V	2.9V
15	7.9V	
16	5.3V	

U3 DM-51 ICQD		
PIN	VOLTAGE	
1	2.2V	
2	2.1V	
3	2.1V	
4	0V	
5	0V	
6	6.1V	
7	4.2V	
8	5.6V	
9	5.6V	
10	5.6V	
11	14.0V	
12	3.8V	.2V
13	.5V	1.8V
14	0V	
15	5.0V	
16	0V	

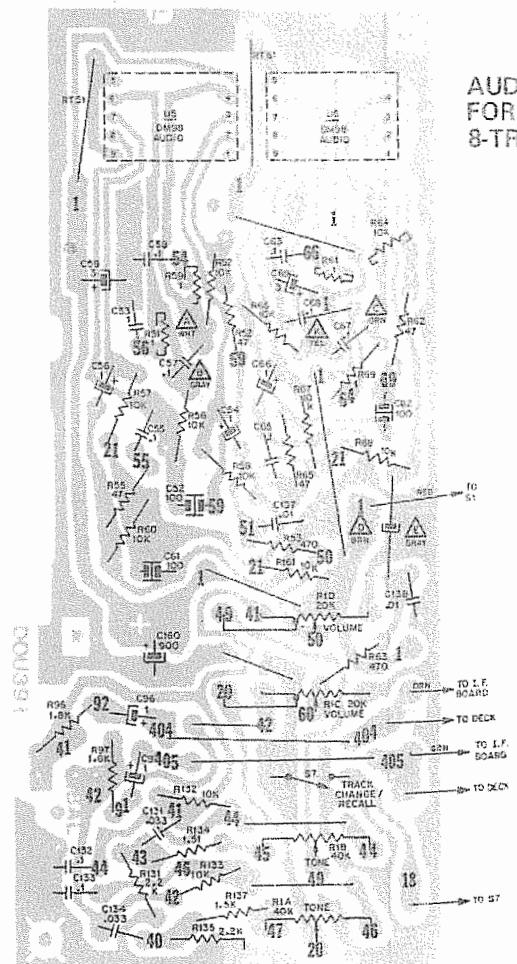
U4 DM-44 ICSD		
PIN	VOLTAGE	
1	3.8V	
2	4.9V	
3	4.1V	
4	3.0V	"I2 ON"
5	3.0V	
6	4.0V	
7	12.5V	.96
8	0V	
9	2.9V	
10	2.9V	
11	2.0V	
12	2.9V	
13	2.9V	
14	2.9V	
15	2.8V	
16	14.0V	

⚡ No Signal Applied

■ Strong Signal Applied

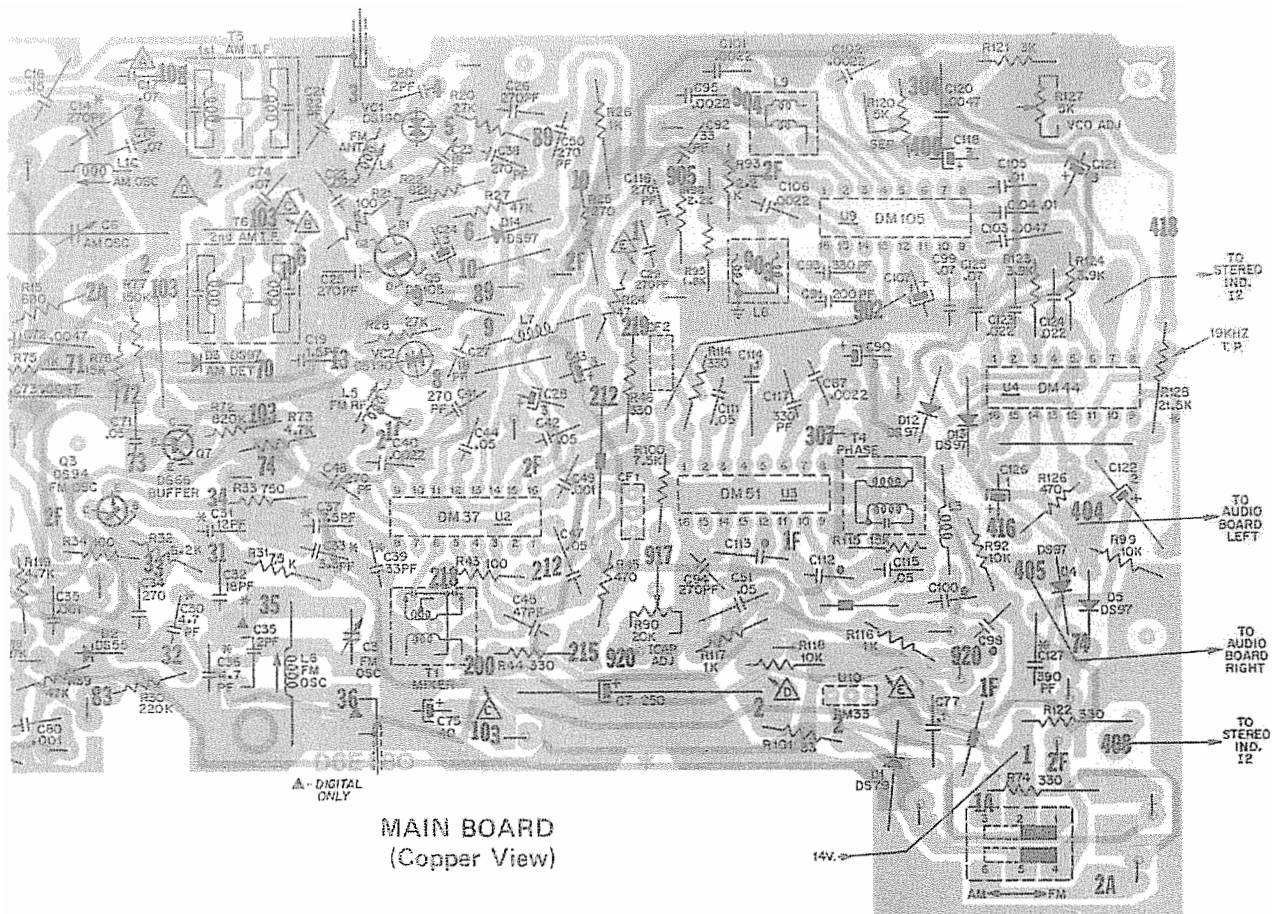


AUDIO BOARD  
FOR STEREO,  
CB & CASSETTE



AUDIO BOARD  
FOR STEREO,  
CB & CASSETTE





DIO BOARD  
3 DIGITAL OR  
RACK TAPE



**U5 & U6  
DM-98  
ICBA**

Pin	Voltages
1	14.0V
2	7.0V
3	7.0V
4	7.0V
5	14.0V
6	7.0V
7	7.0V
8	7.0V
9	14.0V

**U8  
DM-56  
ICDA**

PIN	VOLTAGE
1	0V
2	4.1V
3	0V
4	0V
5	.8V
6	2.3V
7	2.5 - 5.0V
8	1.8 - 4.3V
9	2.05 - 7.65V
10	0V
11	0V
12	0V
13	7.9V
14	4.9V

**U9  
DM-105  
ICNB/AP**

PIN	VOLTAGE
1	7.9V
2	3.6V
3	2.2V
4	2.2V
5	2.9V
6	2.3V
7	2.4V
8	1.7V
9	3.9V
10	1.2V
11	2.5V
12	.66V
13	0V
14	.2V
15	.66V
16	1.3V

1.0V

**U10  
DM-33  
ICVR**

Pin	Voltages
IN	14.0V
OUT	7.9V

**Q2  
DS-105  
RF AMP**

Pin	Voltages
G1	4.3V
G2	7.8V
S	4.3V
D	12.9V

**Q3  
DS-94  
FM OSC**

Pin	Voltages
E	3.7V
B	3.9V
C	7.2V

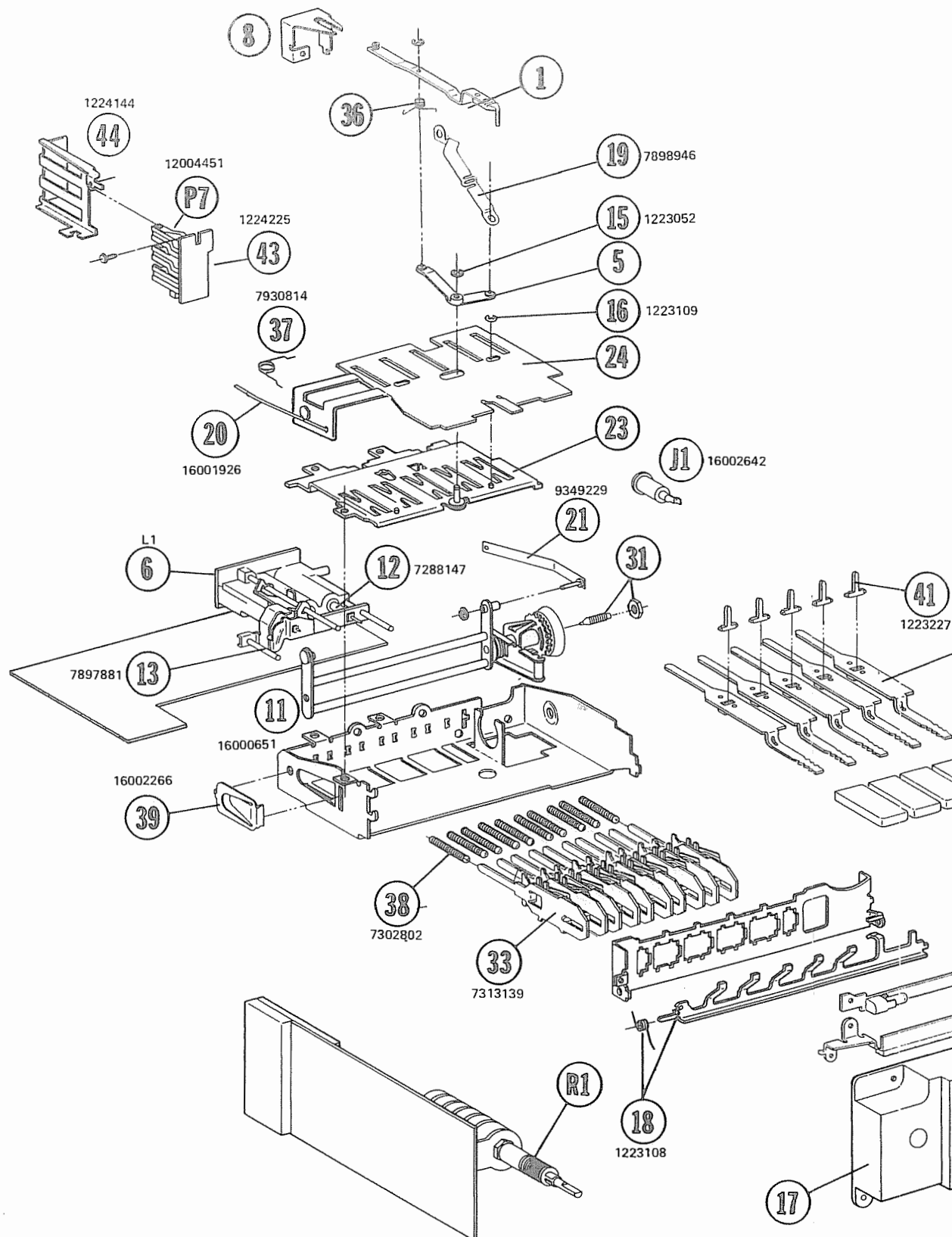
**Q7  
DS-66  
BUFFER**

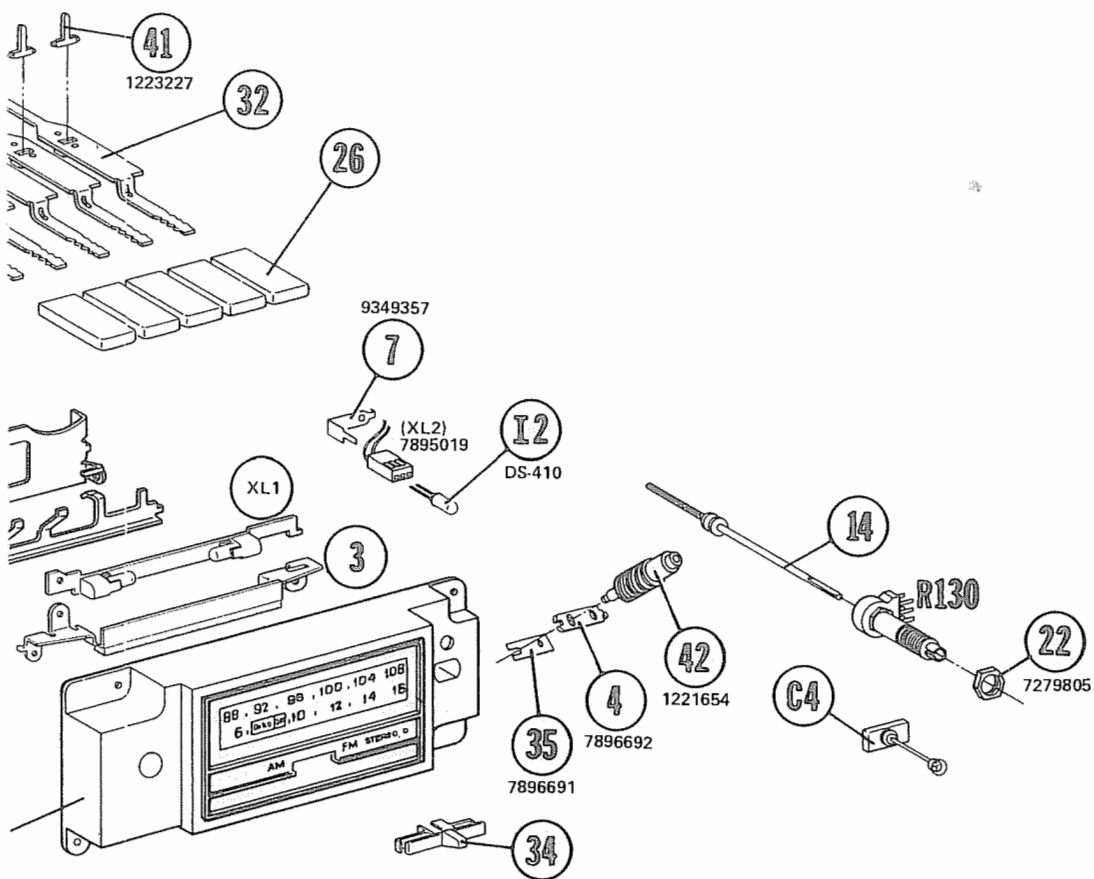
Pin	Voltages
E	3.9V
B	4.4V
C	12.3V



# PARTS BREAKDOWN

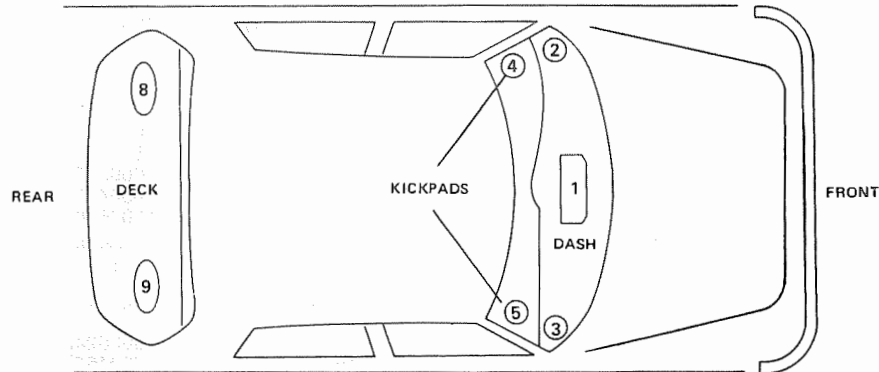
Delco 1980 Series  
2700 cc





# COMPLETE SPEAKER LISTING

## SPEAKER LOCATION GUIDE (TO BE USED WITH SPEAKER LIST)



### SPEAKER CODES:

A - 6 x 9  
AX - 6 x 9 Extended Range  
C - 4 x 10  
CX - 4 x 10 Extended Range  
D - 4 x 6  
DX - 4 x 6 Extended Range  
E - 3 1/2 Round

### CAR CODES:

HATCHBACK .....H  
PASSENGER CARS .....C  
STATION WAGONS .....W  
TRUCKS .....T

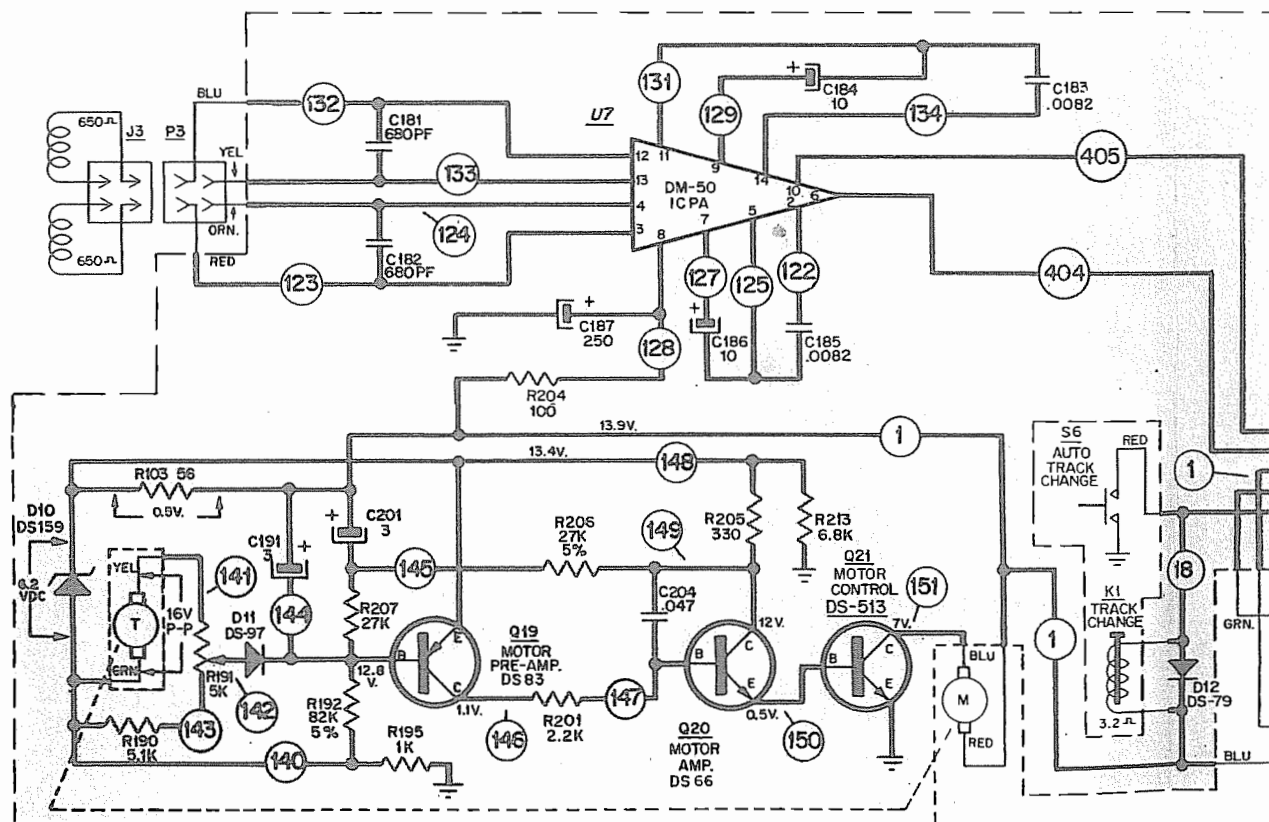
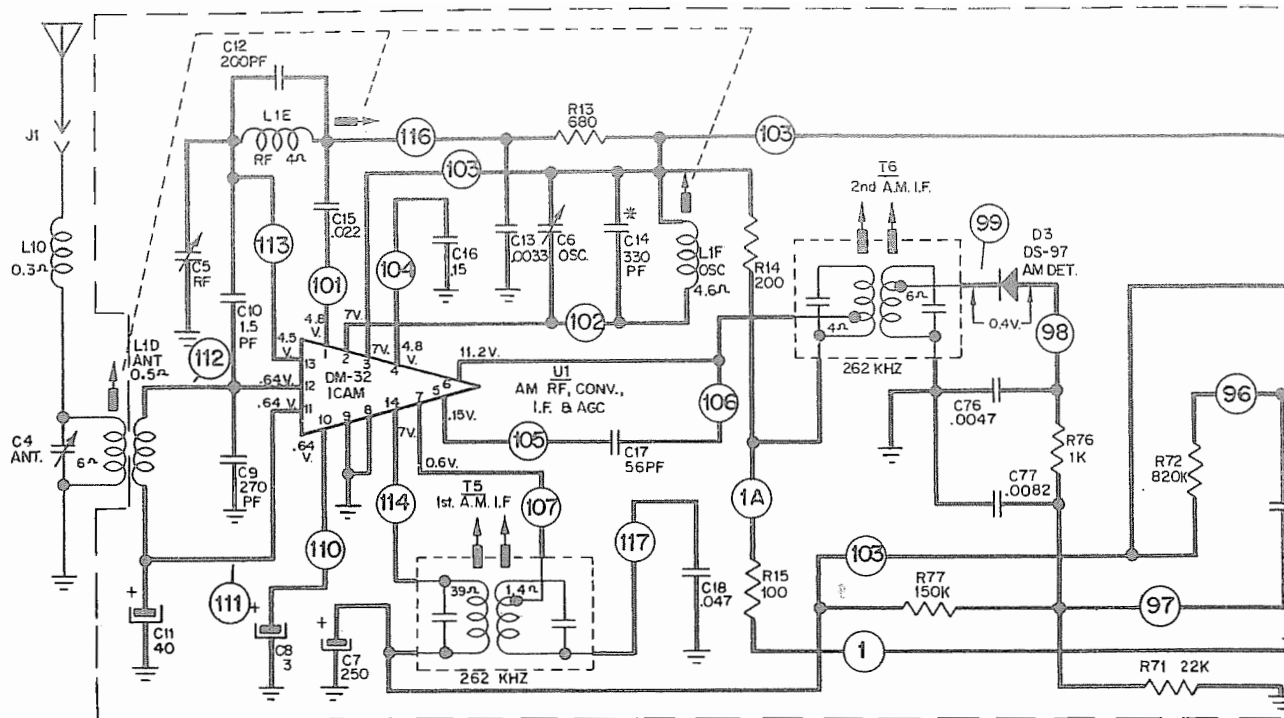
CAR NAME	LOCATION & SPEAKER CODE	CAR CODE	SERVICE SPEAKER NO.
CENTURY .....	2E & 3E	CW	16006260
	8A or 9A	C	16004570
	8C or 9C	W	16003571
	8AX & 9AX	C	16004150
LE SABRE & ELECTRA .....	2D & 3D	CW	16006240
	2DX & 3DX	CW	16009940
	8A or 9A	C	16004570
	8C or 9C	W	16001261
REGAL .....	8AX & 9AX	C	16004150
	2E & 3E	C	16006260
	8C or 9C	C	16003571
	8CX & 9CX	C	16005080
RIVIERA .....	2D & 3D	C	16006240
	8C or 9C	C	16003571
	8CX & 9CX	C	16005080
SKYLARK .....	2D & 3D	C	16006240
	8C or 9C	C	16003571
SKYHAWK .....	1C	H	16006741
	9A	H	16004570
DEVILLE AND FLEETWOOD ...	2D & 3D	C	16006240
	8A & 9A	C	16004570
ELDORADO .....	2D & 3D	G	16006240
	8C & 9C	C	16003571
SEVILLE .....	2D & 3D	C	16006240
	8C & 9C	C	16003571
MALIBU .....	1C	CW	16006250
	2E & 3E	CW	16006260
	8A or 9A	C	16004570
	8C or 9C	W	16003571
MONTE CARLO .....	1C	C	16006250
	2E & 3E	C	16006260
	8C or 9C	C	16003571
CHEVETTE .....	1C	C	16006911
	8D or 9D	C	16008150
CHEVROLET .....	1C	CW	16006250
	2D & 3D	CW	16006240
	8A or 9A	C	16004570
	8C or 9C	W	16001261
CAMARO .....	1C	C	*16010591
	9A	C	16004570

\*CAMARO — USE BRACKET 16010525

# COMPLETE SPEAKER LISTING

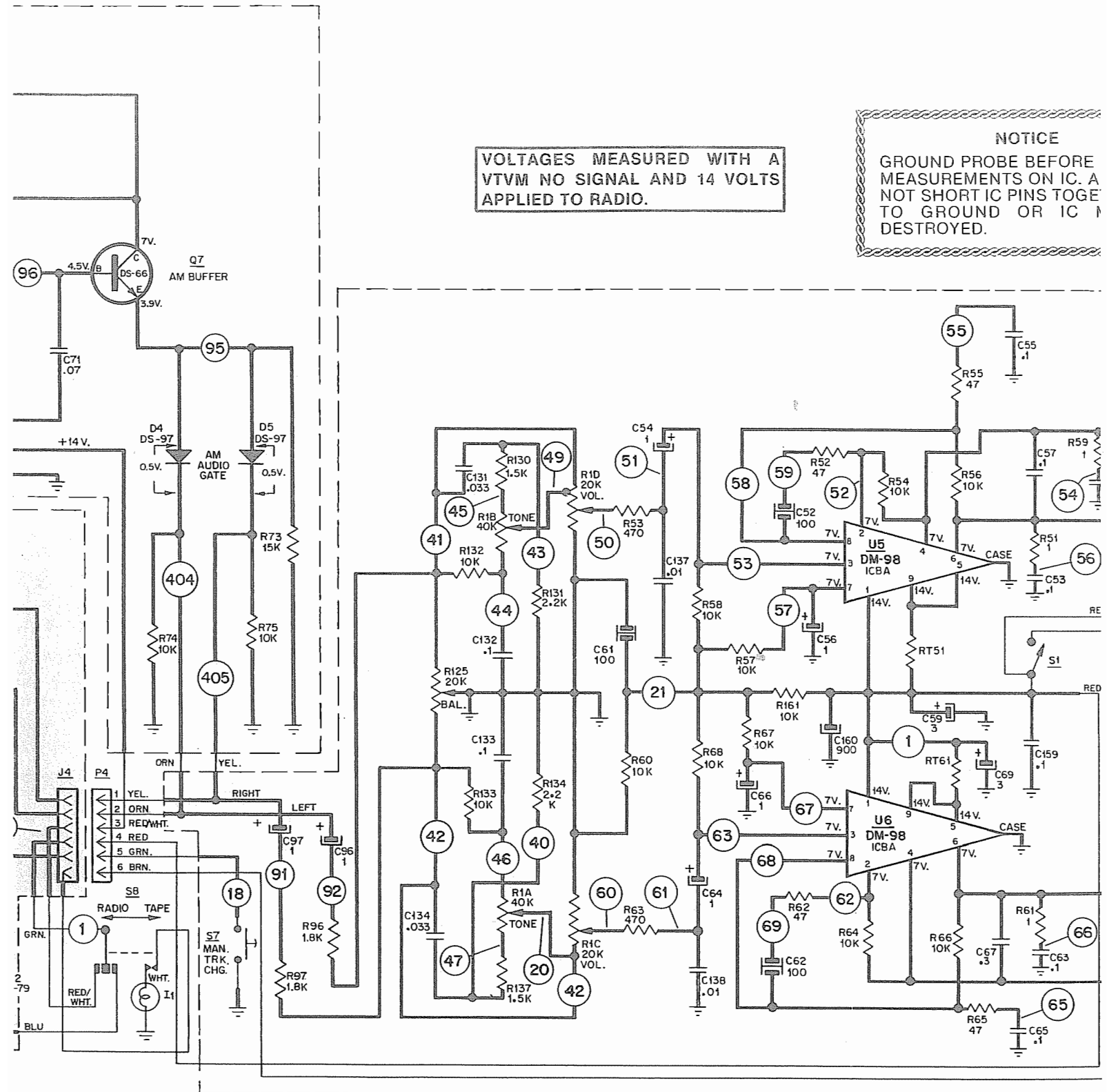
CAR NAME	LOCATION & SPEAKER CODE	CAR CODE	SERVICE SPEAKER NO.
MONZA .....	1C	CH	16006741
	9A	H	16004570
	9C	C	16003571
CORVETTE .....	2D & 3D	C	16006240
	8A & 9A	C	16006921
CITATION .....	1C	CH	16003571
	2E & 3E	CH	16006260
	8C or 9C	CH	16003571
LEMANS .....	1C	CW	16006250
	2E & 3E	CW	16010212
	8A or 9A	C	16004570
	8C or 9C	W	16003571
	8AX & 9AX	C	16004150
	8CX & 9CX	W	16005080
GRAND PRIX .....	1C	C	16006250
	2E & 3E	C	16010212
	8C or 9C	C	16003571
	8CX & 9CX	C	16005080
CATALINA & BONNEVILLE .....	2D & 3D	CW	16006240
	8A or 9A	C	16004570
	8C or 9C	W	16001261
FIREBIRD .....	1C	C	*16010592
	2E & 3E	C	16010212
	8A or 9A	C	16004570
	8AX & 9AX	C	16004150
SUNBIRD .....	1C	CH	16006741
	9A	H	16004570
	9C	C	16003571
PHOENIX .....	2D & 3D	CH	16006240
	8C or 9C	CH	16003571
88 AND 98 .....	2E & 3E	CW	16009923
	8A or 9A	C	16004570
	8C or 9C	W	16001261
CUTLASS & CUTLASS SUPREME .....	2E & 3E	CW	16009923
CUTLASS .....	8A or 9A	C	16004570
	8C or 9C	W	16003571
CUTLASS SUPREME .....	8C or 9C	C	16003571
TORONADO .....	2D & 3D	C	16006240
	8C or 9C	C	16003571
OMEGA .....	2D & 3D	C	16006240
	8C or 9C	C	16003571
STARFIRE .....	1C	H	16006741
	9A	H	16004570
EL CAMINO .....	1C	T	16006250
	2E & 3E	T	16006260
CHEVY PICK-UP, BLAZER & SUBURBAN .....	1C	T	16001261
	2D & 3D	T	16006240
	8C & 9C	T	16001261
STEP VAN .....	1C	T	16003571
"G" VAN .....	2D & 3D	T	16006240
	8A or 9A	T	16004570
	8C or 9C	T	16001261
STEEL TILT CAB .....	1A	T	16004570
ALUMINUM TILT CAB .....	1C	T	16006911
	2C & 3C	T	16006911
	8C & 9C	T	16006911
MEDIUM DUTY .....	1C	T	16006911
	2C & 3C	T	16006911
	8C & 9C	T	16001261

\*FIREBIRD — USE BRACKET 16010526



VOLTAGES MEASURED WITH A VTVM NO SIGNAL AND 14 VOLTS APPLIED TO RADIO.

NOTICE  
GROUND PROBE BEFORE MEASUREMENTS ON IC. A NOT SHORT IC PINS TO GROUND OR IC DESTROYED.



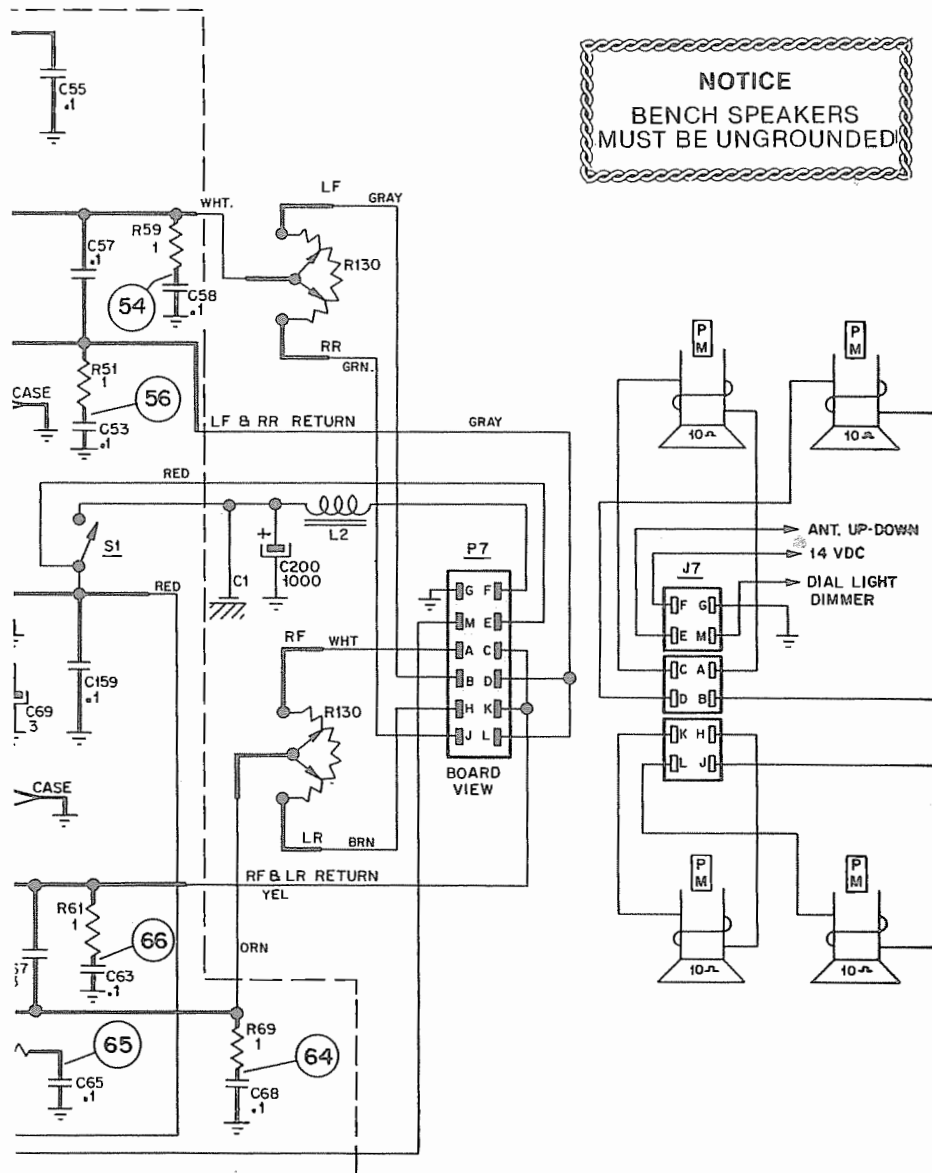
**NOTICE**  
OBE BEFORE MAKING  
ENTS ON IC. ALSO, DO  
IC PINS TOGETHER OR  
ID OR IC MAY BE

\*SPECIAL CAPACITORS, SEE PARTS LIST

**UNLESS OTHERWISE NOTED:**

ALL RESISTORS ARE  $\pm 10\%$

ALL CAPACITORS ARE SHOWN IN MFD  
AND ARE 75 VOLT OR HIGHER EXCEPT  
ELECTROLYTICS AND THOSE NOTED BY  
AN \*



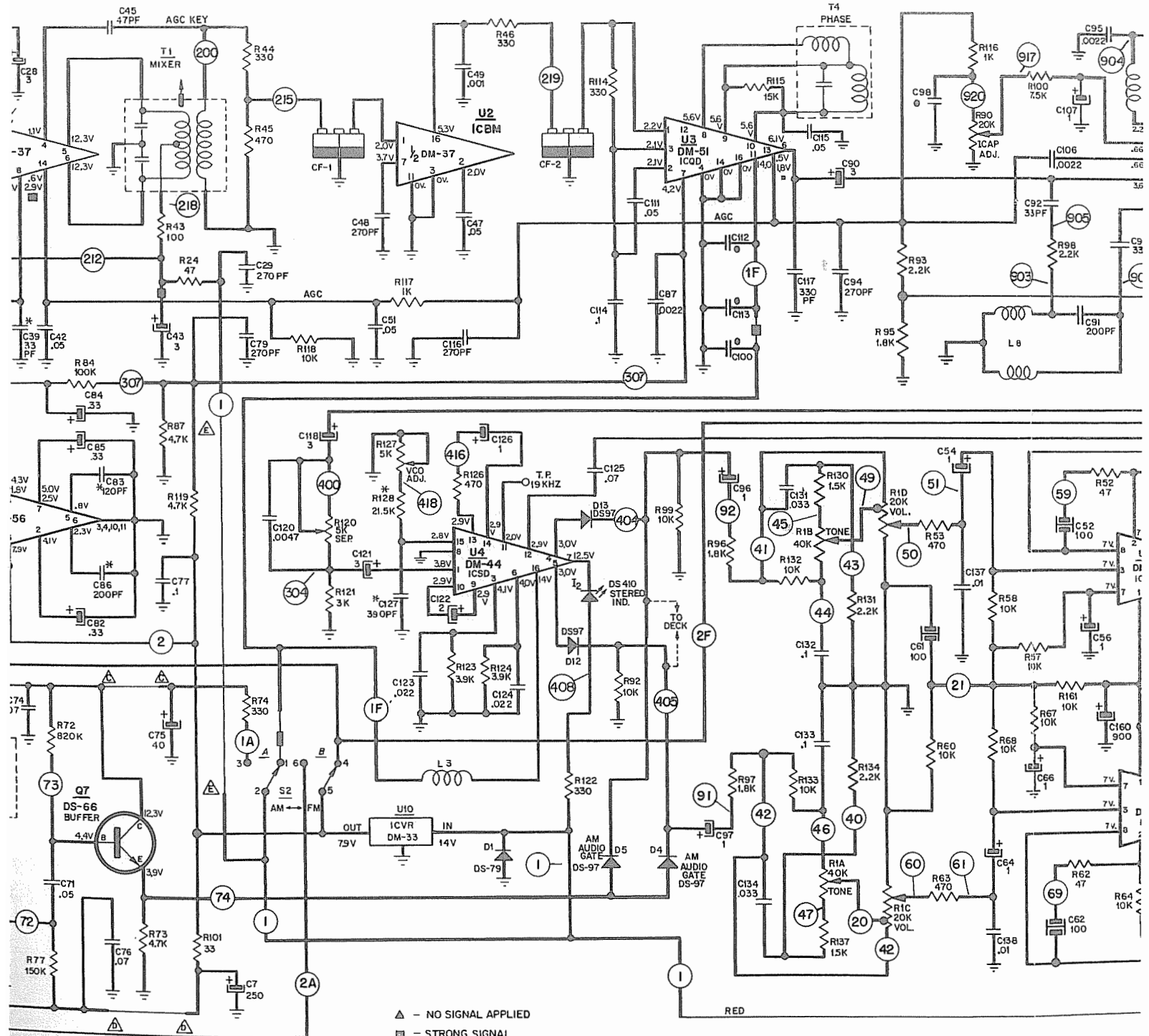
ALL CAPACITORS ARE SHOWN IN MFD  
AND ARE 75 VOLT OR HIGHER EXCEPT  
ELECTROLYTICS AND THOSE NOTED BY  
AN \*





VOLTAGES MEASURED WITH A VTVM NO SIGNAL AND 14 VOLTS APPLIED TO RADIO.

NOTICE  
GROUND PROBE BEFORE MEASUREMENTS ON IC. NOT SHORT IC PINS TO GROUND OR IC DESTROYED.



# NOTICE

ROBE BEFORE MAKING  
MENTS ON IC. ALSO, DO  
TIC PINS TOGETHER OR  
ND OR IC MAY BE  
D.

2700 cc  
STEREO

# SCHEMATIC

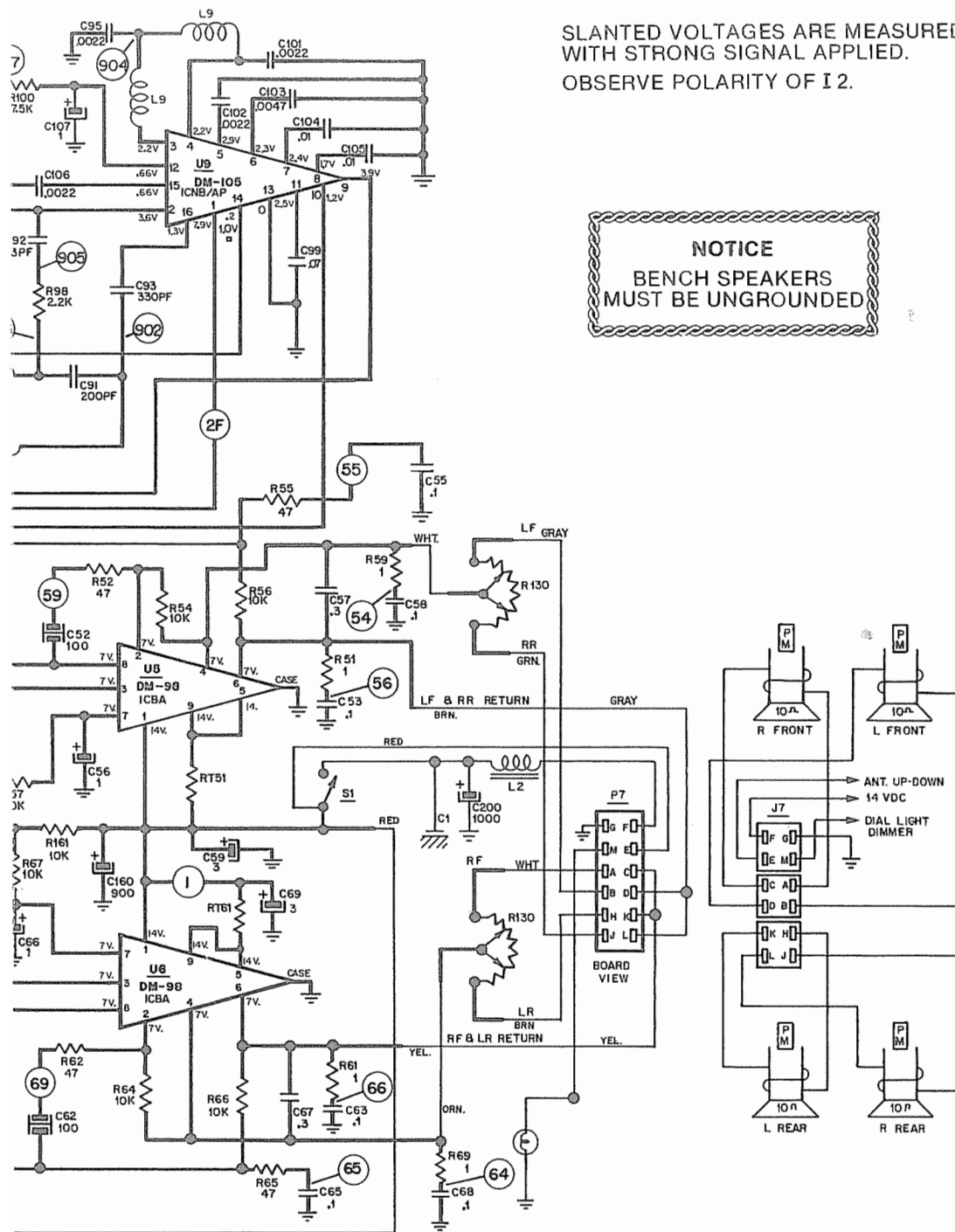
\* INDICATES SPECIAL CAPACITOR OR  
RESISTOR, SEE PARTS LIST.

● DENOTES SPECIAL BY-PASS,  
SEE PARTS LIST.

SLANTED VOLTAGES ARE MEASURED  
WITH STRONG SIGNAL APPLIED.  
OBSERVE POLARITY OF I 2.

# NOTICE

BENCH SPEAKERS  
MUST BE UNGROUNDED



Model No.

Illus. No.	Service No.	Description	00BFMT1	01YFM1	00BFMT1	01YFM1	00BFMC1	01YFM1	00BFCT1	01YFM1	01BFMD1	00BFPC1	00BPBT1	00BFTC1
---------------	----------------	-------------	---------	--------	---------	--------	---------	--------	---------	--------	---------	---------	---------	---------

### SEMICONDUCTORS

D1	DS-79	DIODE, SPIKE SUPPRESSION	X	X	X	X	X	X	X	X	X	X	X	X
D2	DS-55	DIODE, AFC	X	X	X	X	X	X	X	X	X	X	X	X
D3	DS-97	DIODE, AM DET.	X	X	X	X	X	X	X	X	X	X	X	X
D4	DS-97	DIODE, AUDIO GATE	X	X	X	X	X	X	X	X	X	X	X	X
D5	DS-97	DIODE, AUDIO GATE	X	X	X	X	X	X	X	X	X	X	X	X
D7	DS-31	DIODE, SPIKE SUPPRESSION	X	X	X	X	X	X	X	X	X	X	X	X
D8	DS-31	DIODE, SPIKE SUPPRESSION	X	X	X	X	X	X	X	X	X	X	X	X
D14	DS-97	DIODE, FM AGC	X	X	X	X	X	X	X	X	X	X	X	X
Q2	DS-105	TRANSISTOR, FM RF AMP, MOSFET	X	X	X	X	X	X	X	X	X	X	X	X
Q3	DS-94	TRANSISTOR, FM OSCILLATOR	X	X	X	X	X	X	X	X	X	X	X	X
Q7	DS-66	TRANSISTOR, AM BUFFER AMP	X	X	X	X	X	X	X	X	X	X	X	X
VC1	DS-190	DIODE, FM ANTENNA VARICAP	X	X	X	X	X	X	X	X	X	X	X	X
VC2	DS-190	DIODE, FM RF VARICAP	X	X	X	X	X	X	X	X	X	X	X	X
I-1	DS-450	INDICATOR, TAPE	X	X	X	X	X	X	X	X	X	X	X	X
I-2	DS-410	INDICATOR, STEREO—LED	X	X	X	X	X	X	X	X	X	X	X	X
U1	DM-32	MODULE, ICAM	X	X	X	X	X	X	X	X	X	X	X	X
U2	DM-37	MODULE, ICBM, BALANCED MIXER	X	X	X	X	X	X	X	X	X	X	X	X
U3	DM-51	MODULE, ICQD, QUAD. DET.	X	X	X	X	X	X	X	X	X	X	X	X
U4	DM-44	MODULE, ICSD, STEREO DECODER	X	X	X	X	X	X	X	X	X	X	X	X
U5	DM-98	MODULE, ICBA, BRIDGE AUDIO	X	X	X	X	X	X	X	X	X	X	X	X
U6	DM-98	MODULE, ICBA, BRIDGE AUDIO	X	X	X	X	X	X	X	X	X	X	X	X
U8	DM-56	MODULE, ICDA, DIGITAL/ANALOG	X	X	X	X	X	X	X	X	X	X	X	X
U9	DM-105	MODULE, ICNB/AP, NOISE BLANKER/AUDIO PROCESSOR	X	X	X	X	X	X	X	X	X	X	X	X
U10	DM-33	MODULE, ICVR, VOLTAGE REG.	X	X	X	X	X	X	X	X	X	X	X	X

### COILS & TRANSFORMERS

CF-1	1223695	FM I.F., CERAMIC (2/PKG.)	X	X	X	X	X	X	X	X	X	X	X	X
CF-2	1223695	FM I.F., CERAMIC (2/PKG.)	X	X	X	X	X	X	X	X	X	X	X	X
L1	16002369	COIL, AM ANTENNA, RF OSC.	X	X	X	X	X	X	X	X	X	X	X	X
L1	7312805	COIL, AM ANTENNA, RF OSC.	X	X	X	X	X	X	X	X	X	X	X	X
L1	16002374	COIL, AM ANTENNA, RF OSC.	X	X	X	X	X	X	X	X	X	X	X	X
L2	7302543	CHOKE, A + LINE FILTER	X	X	X	X	X	X	X	X	X	X	X	X
L3	7934553	CHOKE, RF	X	X	X	X	X	X	X	X	X	X	X	X
L4	9348413	COIL, FM ANTENNA	X	X	X	X	X	X	X	X	X	X	X	X
L5	9348414	COIL, FM RF	X	X	X	X	X	X	X	X	X	X	X	X
L6	7897878	COIL, FM OSCILLATOR	X	X	X	X	X	X	X	X	X	X	X	X
L7	7934553	CHOKE, FM RF	X	X	X	X	X	X	X	X	X	X	X	X
L8	7898999	CHOKE, DUAL	X	X	X	X	X	X	X	X	X	X	X	X
L9	7898999	CHOKE, DUAL	X	X	X	X	X	X	X	X	X	X	X	X
L10	7255738	CHOKE, ANTENNA	X	X	X	X	X	X	X	X	X	X	X	X
T1	9346544	TRANSFORMER, MIXER	X	X	X	X	X	X	X	X	X	X	X	X
T4	9346543	COIL, PHASE	X	X	X	X	X	X	X	X	X	X	X	X
T5	7898449	AM 1ST I.F.	X	X	X	X	X	X	X	X	X	X	X	X
T6	9349372	AM 2ND I.F.	X	X	X	X	X	X	X	X	X	X	X	X

### CAPACITORS & TRIMMERS

C3	9348419	TRIMMER, FM OSCILLATOR	X	X	X	X	X	X	X	X	X	X	X	X
C4	16001446	TRIMMER, AM ANTENNA	X	X	X	X	X	X	X	X	X	X	X	X
C4	16001447	TRIMMER, AM ANTENNA	X	X	X	X	X	X	X	X	X	X	X	X
C5	9346601	TRIMMER, AM RF	X	X	X	X	X	X	X	X	X	X	X	X
C5	7936524	TRIMMER, AM RF	X	X	X	X	X	X	X	X	X	X	X	X
C6	7311368	TRIMMER, AM OSCILLATOR	X	X	X	X	X	X	X	X	X	X	X	X
C6	7282165	TRIMMER, AM OSCILLATOR	X	X	X	X	X	X	X	X	X	X	X	X
C7	7936628	250 MFD, 16V, ELECTROLYTIC	X	X	X	X	X	X	X	X	X	X	X	X
C8	7296348	3 MFD, 10V, ELECTROLYTIC	X	X	X	X	X	X	X	X	X	X	X	X
C11	7298555	40 MFD., 6V, TANTALUM	X	X	X	X	X	X	X	X	X	X	X	X
C12	9340498	210PF, 100V, CERAMIC, N750	X	X	X	X	X	X	X	X	X	X	X	X
C12	7898960	200 PF, 1000 CERAMIC, N750	X	X	X	X	X	X	X	X	X	X	X	X
C14	7896854	270 PF, N220, DISC CERAMIC	X	X	X	X	X	X	X	X	X	X	X	X
C14	9349756	330 PF, N080	X	X	X	X	X	X	X	X	X	X	X	X
C24	7936359	3 MFD, 35V, TANTALUM	X	X	X	X	X	X	X	X	X	X	X	X
C28	7296348	3 MFD, 10V, TANTALUM	X	X	X	X	X	X	X	X	X	X	X	X
C30	9341540	4.7 PF, 100V, N330, TUBE CERAMIC	X	X	X	X	X	X	X	X	X	X	X	X
C31	7897766	12 PF, 100V, N330 TUBULAR CERAMIC	X	X	X	X	X	X	X	X	X	X	X	X
C32	7897740	18 PF, 100V, NPO TUBULAR CERAMIC	X	X	X	X	X	X	X	X	X	X	X	X
C33	9341429	3.3 PF, 100V, N330 TUBULAR CERAMIC	X	X	X	X	X	X	X	X	X	X	X	X

\*PARTS FIRST USED IN 1979

## MODEL NO.

Illus. No.	Service No.	Description	MODEL NO.											
			00BFMT1	01YFM1	00BFMT1	01YFMT1	00BFMC1	01YFMC1	00BFCT1	01YFCT1	01BFMD1	00BFPC1	00BPBT1	00BFCT1
CAPACITORS (cont'd.)														
C36 ...	7897765 ...	4.7 PF, 100V, N150, TUBULAR CERAMIC	X	X	X	X	X	X	X	X	X	X		X
C39 ...	7286878 ...	33PF, 100V, NPO	X	X	X	X	X	X	X	X	X	X		X
C43 ...	7936348 ...	3 MFD, 10V, TANTALUM	X	X	X	X	X	X	X	X	X	X		X
C52 ...	9349947 ...	100 MFD, NON-POLAR	X	X	X	X	X	X	X	X	X	X		X
C54 ...	7936365 ...	1 MFD, 10V, TANTALUM	X	X	X	X	X	X	X	X	X	X		X
C56 ...	7936365 ...	1 MFD., 10V, TANTALUM	X	X	X	X	X	X	X	X	X	X		X
C59 ...	7936359 ...	3 MFD, 35V, TANTALUM	X	X	X	X	X	X	X	X	X	X		X
C61 ...	9349947 ...	100 MFD, 16V, NON-POLAR	X	X	X	X	X	X	X	X	X	X		X
C62 ...	9349947 ...	100 MFD, 16V, NON-POLAR	X	X	X	X	X	X	X	X	X	X		X
C64 ...	7930782 ...	1 MFD, 10V, TANTALUM	X	X	X	X	X	X	X	X	X	X	X	X
C66 ...	7936365 ...	1 MFD., 10V, TANTALUM	X	X	X	X	X	X	X	X	X	X		X
C69 ...	7936359 ...	3 MFD, 35V, TANTALUM	X	X	X	X	X	X	X	X	X	X	X	X
C75 ...	9340269 ...	40 MFD, 16V, NON-POLAR	X	X	X	X	X	X	X	X	X	X	X	X
C82 ...	7936748 ...	.33 MFD, 35V, TANTALUM	X	X	X	X	X	X	X	X	X	X	X	X
C83 ...	7898320 ...	120PF, 100V, N080	X	X	X	X	X	X	X	X	X	X	X	X
C84 ...	7936748 ...	.33 MFD., 35V, TANTALUM	X	X	X	X	X	X	X	X	X	X		X
C85 ...	7936748 ...	.33 MFD, 35V, TANTALUM	X	X	X	X	X	X	X	X	X	X		X
C86 ...	729137 ...	200 PF, 100V, N750	X	X	X	X	X	X	X	X	X	X		X
C89 ...	7936360 ...	10 MFD, 16V, TANTALUM	X	X	X	X	X	X	X	X	X	X		X
C90 ...	7936363 ...	3 MFD, 10V, TANTALUM	X	X	X	X	X	X	X	X	X	X		X
C91 ...	7898162 ...	200PF, 100V, N750	X	X	X	X	X	X	X	X	X	X		X
C92 ...	7286878 ...	33 PF, 100V, NPO	X	X	X	X	X	X	X	X	X	X		X
C96 ...	7936365 ...	1 MFD, 10V, TANTALUM	X	X	X	X	X	X	X	X	X	X	X	X
C97 ...	7936365 ...	1 MFD, 10V, TANTALUM	X	X	X	X	X	X	X	X	X	X		X
C98 ...	7897655 ...	FM BY-PASS	X	X	X	X	X	X	X	X	X	X		X
C100 ...	7895980 ...	FM BY-PASS	X	X	X	X	X	X	X	X	X	X		X
C107 ...	7936365 ...	1 MFD., 10V, TANTALUM	X	X	X	X	X	X	X	X	X	X		X
C112 ...	7897655 ...	FM BY-PASS	X	X	X	X	X	X	X	X	X	X		X
C113 ...	7896282 ...	FM BY-PASS	X	X	X	X	X	X	X	X	X	X		X
C117 ...	7314193 ...	330 PF, 100V, N220 CERAMIC	X	X	X	X	X	X	X	X	X	X		X
C118 ...	7936363 ...	3 MFD, 10V, TANTALUM	X	X	X	X	X	X	X	X	X	X		X
C121 ...	7936363 ...	3 MFD, 10V, TANTALUM	X	X	X	X	X	X	X	X	X	X		X
C122 ...	7313127 ...	2 MFD, 10V, TANTALUM	X	X	X	X	X	X	X	X	X	X		X
C126 ...	7936365 ...	1 MFD., 10V, TANTALUM	X	X	X	X	X	X	X	X	X	X		X
C127 ...	9341036 ...	390 PF, 100V, 2% N220	X	X	X	X	X	X	X	X	X	X		X
C128 ...	16003529 ...	.33 MFD, 35V	X	X	X	X	X	X	X	X	X	X		X
C160 ...	7898283 ...	900 MFD, 16V	X	X	X	X	X	X	X	X	X	X	X	X
C183 ...	7898320 ...	120 PF, 100V, N80	X	X	X	X	X	X	X	X	X	X	X	X
C200 ...	9341267 ...	1000 MFD, 10V, ELECTROLYTIC	X	X	X	X	X	X	X	X	X	X	X	X

**CONTROLS & RESISTORS**

R1 ...	16004812 ..	CONTROL; VOLUME, TONE & SWITCH	X	X	X	X	X	X	X	X	X	X	X	X
R1 ...	16004815 ..	CONTROL; VOLUME, TONE & SWITCH	X	X	X	X	X	X	X	X	X	X	X	X
R80 ...	7899466 ...	CONTROL; ICDA CAL 1.5K	X	X	X	X	X	X	X	X	X	X	X	X
R86 ...	7897739 ...	RESISTOR, 4.3K, 2%	X	X	X	X	X	X	X	X	X	X	X	X
R90 ...	9349022 ...	CONTROL; PROCESSOR ADJ., 20K	X	X	X	X	X	X	X	X	X	X	X	X
R120 ...	9349445 ...	CONTROL, SEPARATION, 5K	X	X	X	X	X	X	X	X	X	X	X	X
R127 ...	9349445 ...	CONTROL, VCO ADJ., 5K	X	X	X	X	X	X	X	X	X	X	X	X
R128 ...	9341039 ...	RESISTOR, 21.5K	X	X	X	X	X	X	X	X	X	X	X	X
R130 ...	7899383 ...	CONTROL, FADER	X	X	X	X	X	X	X	X	X	X	X	X
R130 ...	16002017 ...	CONTROL, FADER	X	X	X	X	X	X	X	X	X	X	X	X

**TUNER**

1 ...	16006230 ..	ARM, POINTER	X	X	X	X	X	X	X	X	X	X	X	X
1 ...	16006241 ..	ARM, POINTER	X	X	X	X	X	X	X	X	X	X	X	X
1 ...	16008061 ..	ARM, POINTER	X	X	X	X	X	X	X	X	X	X	X	X
1 ...	16006232 ..	ARM, POINTER	X	X	X	X	X	X	X	X	X	X	X	X
3 ...	16006019 ..	BACKPLATE, POINTER	X	X	X	X	X	X	X	X	X	X	X	X
3 ...	9349479 ...	BACKPLATE, POINTER	X	X	X	X	X	X	X	X	X	X	X	X
4 ...	7896692 ...	BEARING, DRIVE SHAFT	X	X	X	X	X	X	X	X	X	X	X	X
5 ...	16004405 ...	BELL CRANK	X	X	X	X	X	X	X	X	X	X	X	X
5 ...	16008059 ...	BELL CRANK	X	X	X	X	X	X	X	X	X	X	X	X
6 ...	7312805 ...	BOARD COILS & HOUSING AM (L1)	X	X	X	X	X	X	X	X	X	X	X	X
6 ...	16002374 ...	BOARD COILS & HOUSING AM (L1)	X	X	X	X	X	X	X	X	X	X	X	X
6 ...	16002369 ...	BOARD COILS & HOUSING AM (L1)	X	X	X	X	X	X	X	X	X	X	X	X
7 ...	9349357 ...	BRACKET, LED SOCKET MTNG.	X	X	X	X	X	X	X	X	X	X	X	X
8 ...	16004401 ...	BRACKET, POINTER ARM GUIDE	X	X	X	X	X	X	X	X	X	X	X	X
8 ...	16006947 ...	BRACKET, POINTER ARM GUIDE	X	X	X	X	X	X	X	X	X	X	X	X

\*PARTS FIRST USED IN 1980

			MODEL No.											
Illus. No.	Service No.	Description	00BFMT1	011FMT1	00BFMT1	011FMT1	00BFMC1	011FMC1	00BFCT1	011FCT1	00BFMD1	002BMC1	00BPBT1	00BFTC1
TUNER (cont'd.)														
11	16000651	CLUTCH, INCLUDES TREADLE ASM.	X	X	X	X	X	X	X	X	X	X	X	X
12	7288147	CORE, TUNING AM	X	X	X	X	X	X	X	X	X	X	X	X
13	7897881	CORE, TUNING FM OSC	X	X	X	X	X	X	X	X	X	X	X	X
14	9347857	DRIVE SHAFT ASM., (INCL. FLEX DRIVE SHAFT)	X	X	X	X	X	X	X	X	X	X	X	X
15	1223052	'E' RINGS (20/PKG.), TREADLE & BELLCRANK	X	X	X	X	X	X	X	X	X	X	X	X
16	1223109	'E' RINGS (20/PKG.), SHIFTER PLATE	X	X	X	X	X	X	X	X	X	X	X	X
17	7897364	ESCUTCHEON ASM., (INCL. DIAL FACE)								X				
17	16006752	ESCUTCHEON ASM., (INCL. DIAL FACE)		X										
17	16006748	ESCUTCHEON ASM., (INCL. DIAL FACE)	X											
17	9348274	ESCUTCHEON ASM., (INCL. DIAL FACE)							X	X			X	
17	16008062	ESCUTCHEON ASM., (INCL. DIAL FACE)							X	X				
17	16005617	ESCUTCHEON ASM., (INCL. DIAL FACE)					X	X				X		
17	16005616	ESCUTCHEON ASM., (INCL. DIAL FACE)					X	X						
17	16001225	ESCUTCHEON ASM., (INCL. DIAL FACE)												X
17	7897819	ESCUTCHEON ASM., (INCL. DIAL FACE)			X	X								
18	1223108	FINGER BAR PACKAGE	X	X	X	X	X	X	X	X	X	X	X	X
19	7898946	LINK, POINTER ADJ.	X	X	X	X	X	X	X	X	X	X	X	X
20	16001926	LINK, SWITCH	X	X	X	X	X	X	X	X	X	X	X	X
21	9349229	LINK, TREADLE TO CORE BAR	X	X	X	X	X	X	X	X	X	X	X	X
22	7279805	NUT, DRIVE SHAFT	X	X	X	X	X	X	X	X	X	X	X	X
23	9347929	PLATE 'T' SHUTTLE GUIDE	X	X	X	X	X	X	X	X	X	X	X	X
23	9348283	PLATE PB SLIDE RETAINER											X	
24	7898052	PLATE 'T' SHUTTLE SHIFTER	X	X	X	X	X	X				X		
24	16000665	PLATE 'T' SHUTTLE SHIFTER												X
24	7897369	PLATE 'T' SHUTTLE SHIFTER								X				
24	16006938	PLATE 'T' SHUTTLE SHIFTER							X	X				
26	7897816	PUSHBUTTON BLACK		X		X	X	X	X	X				
26	9349753	PUSHBUTTON CHROME	X		X		X	X	X	X	X	X	X	X
27	7898372	PUSHBUTTON, EJECT			X								X	
27	7898371	PUSHBUTTON, EJECT				X								
29	1221501	SET SCREW & NUT PKG. CLUTCH	X	X	X	X	X	X	X	X	X	X	X	X
32	9348335	SLIDE ASM. PB	X	X	X	X	X	X	X	X	X	X	X	X
32	9348282	SLIDE ASM. PB											X	
33	7313139	SLIDE ASM., TUNER	X	X	X	X	X	X	X	X	X	X	X	X
34	16005333	SLIDE BAR BLACK								X				
34	16000643	SLIDE BAR, AM/FM CHROME												X
	16000644	SLIDE BAR MODE												X
34	16001986	SLIDE BAR AM/FM BLACK		X		X		X			X			
34	16001985	SLIDE BAR CHROME	X		X		X					X		
34	16000450	SLIDE BAR CHROME							X					
35	7896691	SPRING, DRIVE SHAFT RETAINER	X	X	X	X	X	X	X	X	X	X	X	X
36	16004497	SPRING, POINTER TORSION	X	X	X	X	X	X	X	X	X	X	X	X
36	16009935	SPRING, POINTER TORSION							X	X	X	X		
37	7930814	SPRING, OVERCENTER	X	X	X	X	X	X	X	X	X	X		X
38	7302802	SPRING, SLIDE RETURN	X	X	X	X	X	X	X	X	X	X	X	X
39	16002266	SPRING, TREADLE	X	X	X	X	X	X	X	X	X	X	X	X
41	1223227	T-SHUTTLE (5/PKG.)	X	X	X	X	X	X	X	X	X	X	X	X
42	1221654	WORM PKG.	X	X	X	X	X	X	X	X	X	X	X	X

**MISCELLANEOUS**

43	1224225	BOARD, 12-PIN CONN.	X	X	X	X	X	X	X	X	X	X	X
	16000434	BRACKET SIDE MOUNT	X	X	X	X	X	X	X	X	X	X	X
44	1224144	BRACKET PKG., 12-PIN CONNECTOR	X	X	X	X	X	X	X	X	X	X	X
J4	7897460	CONNECTOR & LEAD ASM. 6-PIN (SQUARE)								X			
J4	16001697	CONNECTOR & LEAD ASM 6-PIN			X	X						X	X
J4	16001248	CONNECTOR & LEAD ASM 4-PIN						X	X				
J4	7898521	CONNECTOR & LEAD ASM 9-PIN				X	X				X		
J5	16001182	CONNECTOR & LEAD ASM CB-INTERFACE											X
J7	1224150	CONNECTOR PKG., BENCH HOOK UP	X	X	X	X	X	X	X	X	X	X	X
P7	12004451	CONNECTOR ASM., INPUT 12-PIN	X	X	X	X	X	X	X	X	X	X	X
P8 & P9	7895181	CONNECTOR PLUG, COAX								X			
P8	16001132	CONNECTOR, 10 CAVITY						X	X				
P9	16010145	CONNECTOR ASM., 2-WIRE						X	X				
I1	DS-450	LED, TAPE, GREEN						X	X				
I2	DS-410	LED, STEREO, YELLOW	X	X	X	X	X	X	X	X			X

\*PARTS FIRST USED IN 1980

MODEL No.

Illus. No.	Service No.	Description	MODEL No.										
			00BFMT1	01YFMT1	00BFMT1	01YFMT1	00BFMC1	01YFMC1	00BFCT1	01YFCT1	00BFMD1	00BFPC1	00BPBT1
MISCELLANEOUS (cont'd.)													
I3	16005999	LAMP, DIAL						X	X				
XL1	16004007	SOCKET, DIAL LIGHT	X	X			X	X			X		
XL1	16006012	SOCKET, DIAL LIGHT ASM., INCL. BOARD						X	X				
XL2	7899306	SOCKET ASM., LED	X	X	X	X	X	X	X				X
XL3	16008068	SOCKET AND LEAD ASM., TAPE INDICATOR						X	X				
	9349334	SOCKET, DIAL LAMP						X	X				
	16005998	FILTER, DIAL LAMP, BLUE						X	X				
J1	16002642	SOCKET, ANTENNA	X	X	X	X	X	X	X	X	X	X	X
S2	7898278	SWITCH AM/FM	X	X	X	X	X	X	X	X	X	X	X
S3	16001228	SWITCH ASM., MODE											X

\*PARTS FIRST USED IN 1980