

MODEL COVERAGE

00BECT1 (16008090)	06CETT1 (16006796)
00BETR1 (16008070)	06DETT1 (16006946)
00BETT1 (16008080)	06EECT1 (16006746)
02FECT1 (16011662)	06EETR1 (16006726)
06CECT1 (16006906)	06EETT1 (16006736)
06CETR1 (16006786)	

ETR ALIGNMENT

(Requires precision generator)

AM

STEP	DISPLAY SETTING	GEN. FREQ. (MODULATED)	MONITOR	PROCEDURE
1	540	260 KHz ± 260 Hz	AUDIO	ADJUST T7 FOR MAXIMUM
2	530	—	ISLAND 60	ADJUST OSC. COIL, T6 FOR 1 VDC
3	1610	—	ISLAND 60	ADJUST OSC. TRIM., C121 FOR 9 VDC
4	REPEAT STEPS 2 AND 3 UNTIL VOLTAGES ARE 1.0 V + 0.00 V — .05 V AND 9.00 V + .25 V — 0.00 V			
5	600	600 KHz ± 1 KHz	AUDIO	ADJUST T4 AND T5 FOR MAXIMUM
6	1400	1400 KHz ± 1 KHz	AUDIO	ADJUST C104 AND C107 FOR MAXIMUM

FM

STEP	DISPLAY SETTING	GEN. FREQ. (MODULATED)	MONITOR	PROCEDURE
1	87.7	—	ISLAND 3	ADJUST OSC. COIL L2 FOR 2 VDC
2	107.9	—	ISLAND 3	ADJUST OSC. TRIM C7 FOR 8 VDC
3	REPEAT STEPS 1 AND 2 UNTIL VOLTAGES ARE 2.0 V \pm .05 V AND 8.0 V \pm .1V			
4	98.1	98.1 MHz ± 1 KHz	AUDIO	ADJUST T2 MIXER FOR MAXIMUM
5	98.1	98.1 MHz ± 1 KHz	VOLTAGE ACROSS PINS 9 AND 10, DM111	ADJUST PHASE COIL FOR 0.00 V \pm .1 V
6	87.7	87.7 MHz ± 1 KHz	AUDIO	ADJUST T1 (RF) AND L1 (ANT.) FOR MAXIMUM
7	107.9	107.9 MHz ± 1 KHz	AUDIO	ADJUST C19 (RF) AND C3 (ANT.) FOR MAXIMUM

CLOCK FREQUENCY

STEP	DISPLAY SETTING	GEN. FREQ.	MONITOR	ADJUST
1	—	—	PIN 12 OF DM-81 WITH FREQ. COUNTER	TRIMMER OFF PINS 9, 10 (DM-81) FOR 10 KHz, \pm .1 Hz

DM-119

STEP	DISPLAY SETTING	GEN. FREQ. (MODULATED)	MONITOR	PROCEDURE
1*	—	—	—	CONNECT PIN 9 TO PIN 20
2	—	—	PIN 10	ADJUST R678 FOR 53.35 KHz (52.82 TO 53.88 KHz) AT ROOM TEMP.

*14V APPLIED TO RADIO

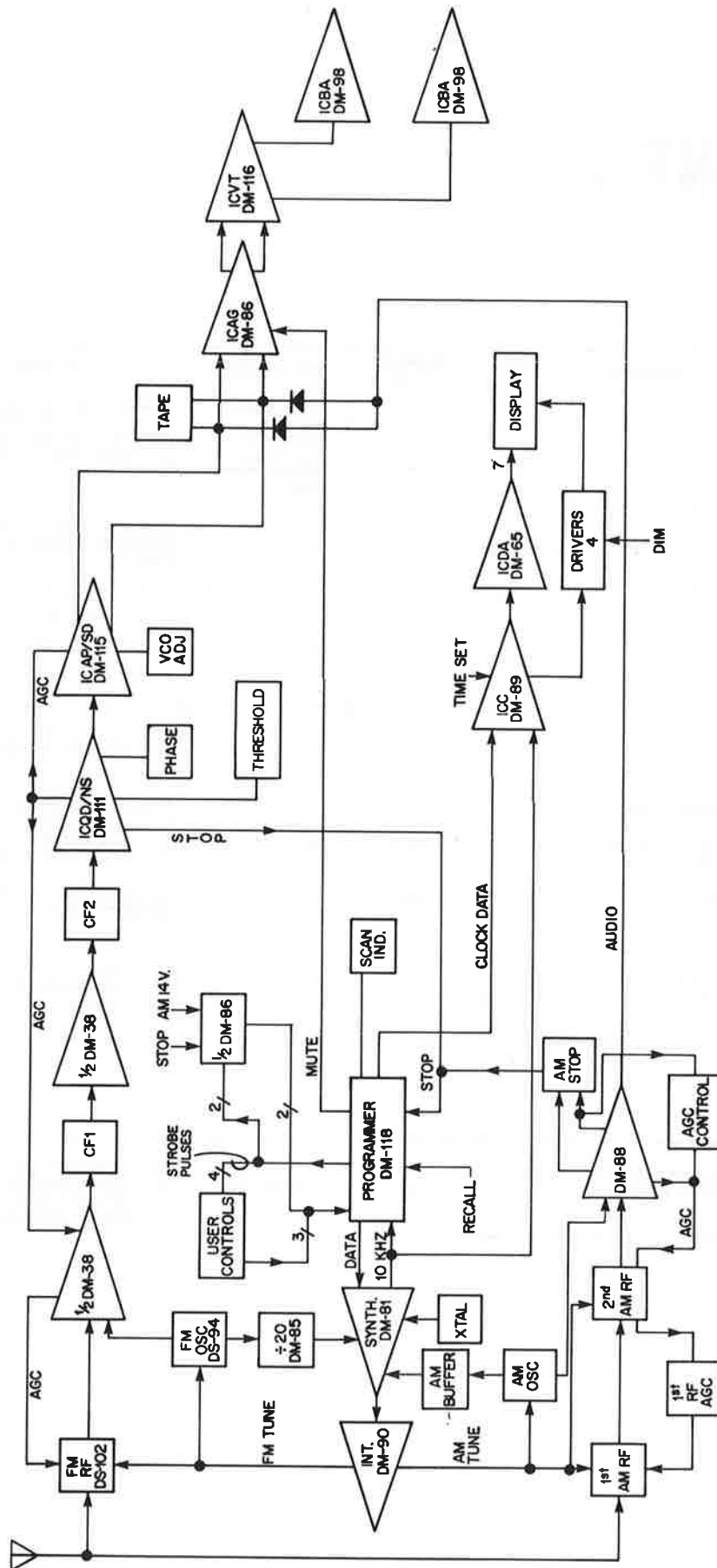
ALIGNMENT ETR

STEREO AND/OR BLEND (DM-115)

STEP	GENERATOR	DISPLAY STEP	ADJUSTMENT	ACTION
1	—	—	TURN BLEND POT FULL (OFF) (CW) AS VIEWED FROM COPPER SIDE	CONNECT A 2.4K RESISTOR BETWEEN IS 2F AND PIN 16 (DM-115). CONNECT A 250 μ F CAP FROM PIN 15 (DM-111) TO GROUND.
2	—	—	—	CONNECT FREQUENCY COUNTER TO PIN 16 (DM-115)
3	—	—	VCO	ADJUST VCO POT UNTIL COUNTER READS 19.000 KHZ \pm .050 KHZ
4	—	—	—	REMOVE 2.4K RESISTOR AND 250 μ F CAPACITOR
5	STEREO SIGNAL 5000 μ V., ONE CHANNEL MODULATED @ 98.1 MHZ	98.1	SEPARATION	TUNE GENERATOR TO RADIO. TURN SEPARATION POT FOR MINIMUM OUTPUT ON UNMODULATED CHANNEL
6	SAME	98.1	—	OBTAIN ODB REFERENCE ON MODULATED CHANNEL
7	REDUCE OUTPUT TO 40 μ V.	98.1	BLEND	TURN BLEND POT FOR —1DB DROP ON MODULATED CHANNEL

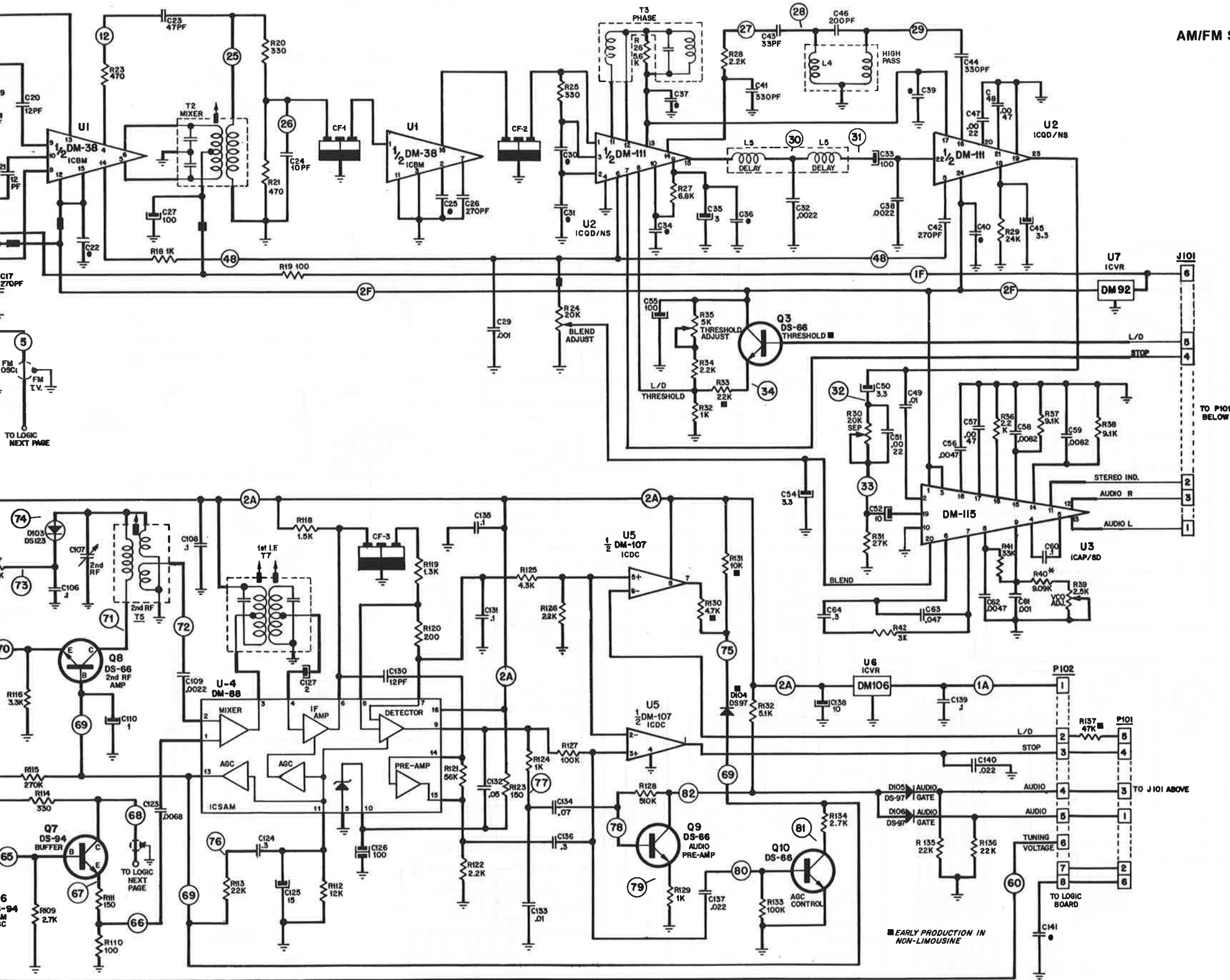
STOPPING SENSITIVITY DM-111

1	98.1 MHZ @ 15 μ V — NO MODULATION	98.1	THRESHOLD	TUNE GENERATOR TO RADIO AND TURN THRESHOLD ADJUST POT. FOR 0.00V \pm .02V ACROSS PINS 6 AND 8, DM-111
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BLOCK DIAGRAM

AM/FM STEREO — ETR **SCHEMATIC**



UNLESS OTHERWISE NOTED:

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

CAUTION:

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

VOLTAGES MEASURED WITH A VTVM 14 VOLTS APPLIED TO RADIO

● SPECIAL BYPASS CAPACITOR SEE PARTS LIST.

* SPECIAL CAPACITORS AND RESISTORS SEE PARTS LIST

SCHEMATIC

NON—CB ETR (Logic Section)

NOTICE

Maintain all CMOS module terminals at same potential until installed — by: grounding body, tweezers, work surfaces & soldering iron tips.
NEVER HANDLE DEVICE BY LEADS (even installed).
Use X100 scale on ohmmeter. Maintain humidity above 30%.
Avoid electrostatic materials such as: plastic, nylon, etc.

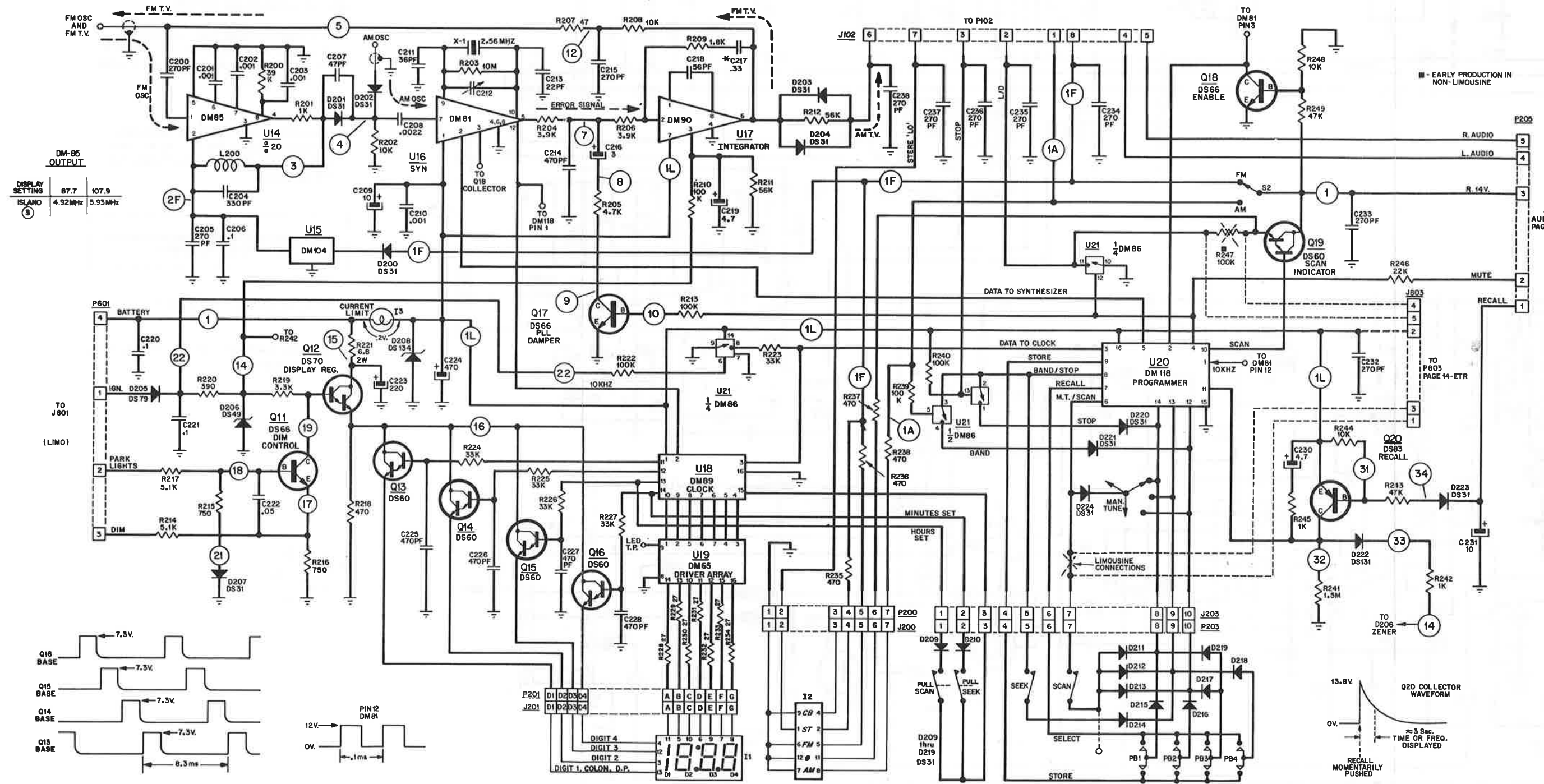
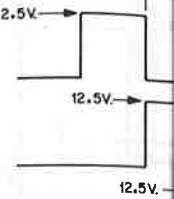
NOTICE

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

UNLESS OTHERWISE NOTED:

ALL CAPACITORS ARE SHOWN IN MFD AND ARE 50 VOLT OR HIGHER EXCEPT ELECTROLYTICS AND THOSE NOTE BY AN *

VOLTAGES M
14 VOLTS AP



U1
DM-
÷ 2

PIN

PIN	1	2	3	4	5	6	7	8
1	1	2	3	4	5	6	7	8

DIM C
D

E B C

P

E B C

72

1400 CASSETTE TAPE

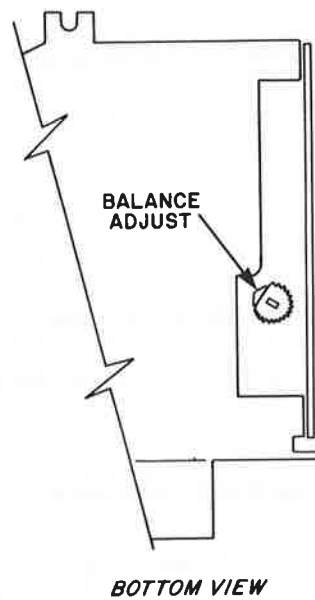
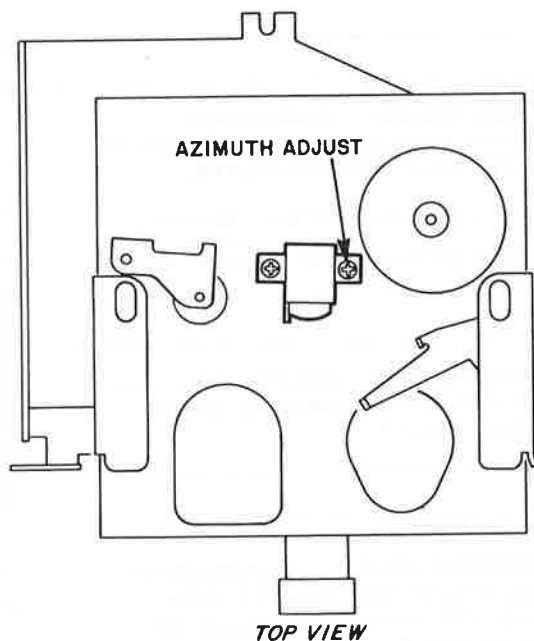
ALIGNMENT

STEP	TEST TAPE SIDE	VOLUME OR FRONT-REAR	EQUIPMENT	ADJUSTMENT
AZIMUTH (HIGH FREQUENCY) ADJUSTMENT				
1	2	VOLUME - FULL & FRONT-REAR CONTROL ON FRONT (CW)	AC VTVM ACROSS EITHER FRONT SPEAKER	PEAK AZIMUTH ADJUSTMENT SCREW FOR MAXIMUM 8KHz TONE
BALANCE ADJUSTMENT				
2	2	VOLUME - FULL & BALANCE - CENTER	AC VTVM TO EACH CHANNEL	ADJUST BALANCE CONTROL FOR EQUAL OUTPUT FROM EACH CHANNEL
MOTOR SPEED CHECK				
3	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**

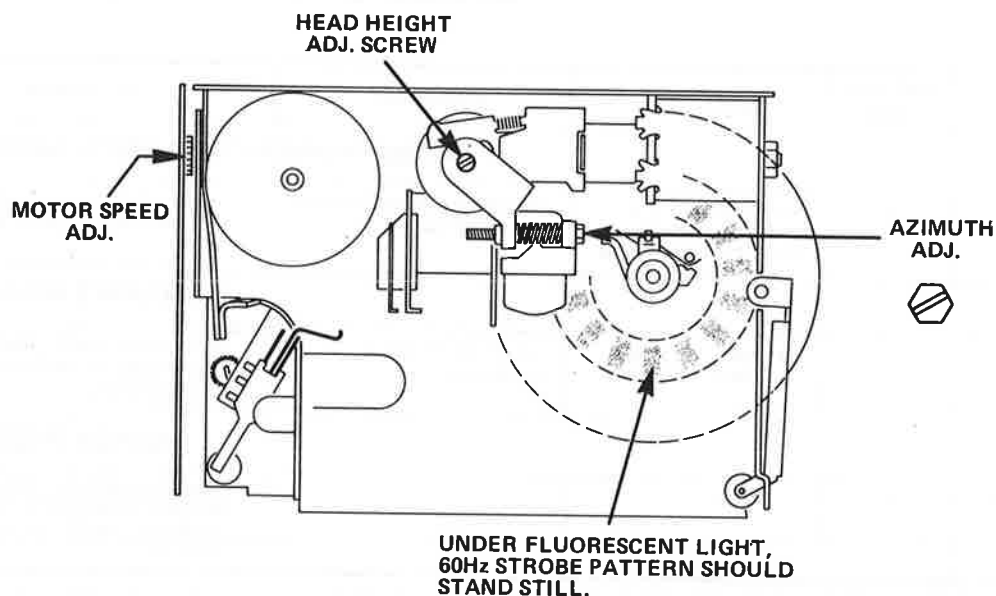
**Side 1: Beep at 60 second intervals
 for motor speed check.**

**Side 2: 8 KHz tone for azimuth and
 balance control adjustment.**



ALIGNMENT

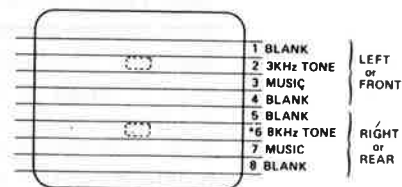
DIGITAL RADIO 8-TRACK TAPE



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.



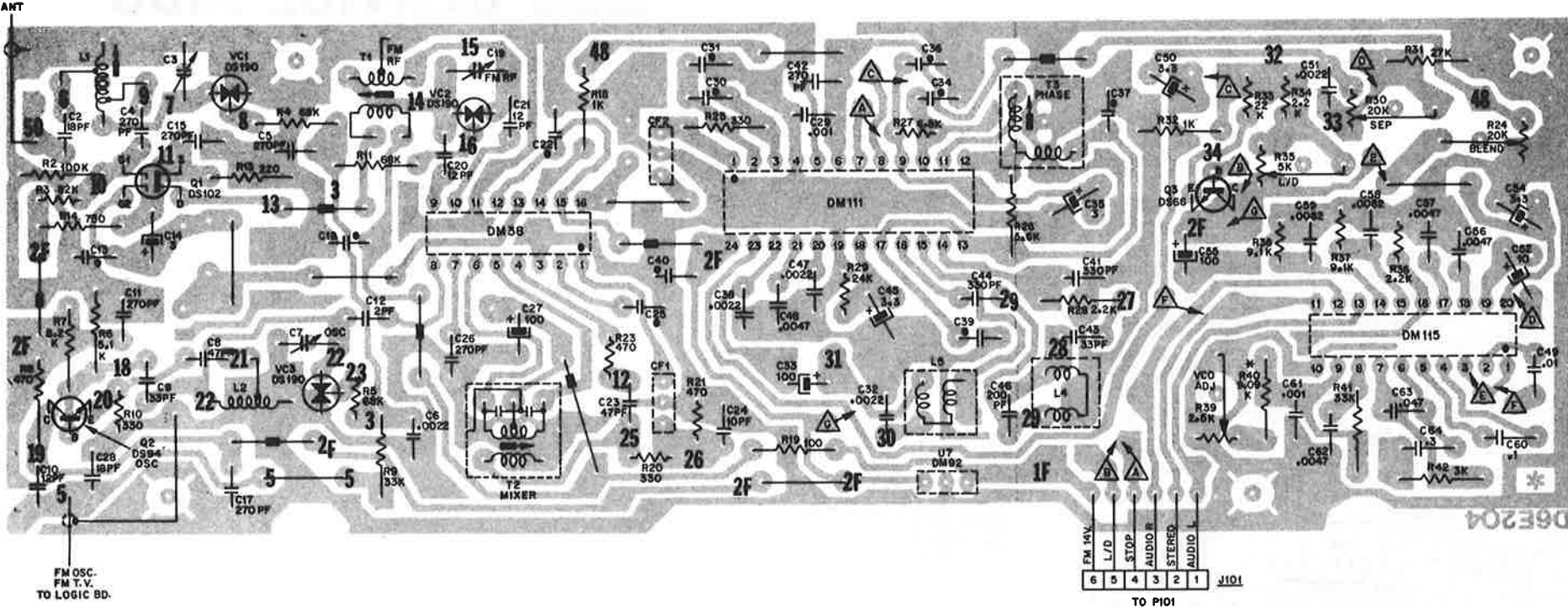
*TRACK 6 HAS 1KHz "BEEP"
AT 60 SEC INTERVALS

TEST TAPE PROGRAM

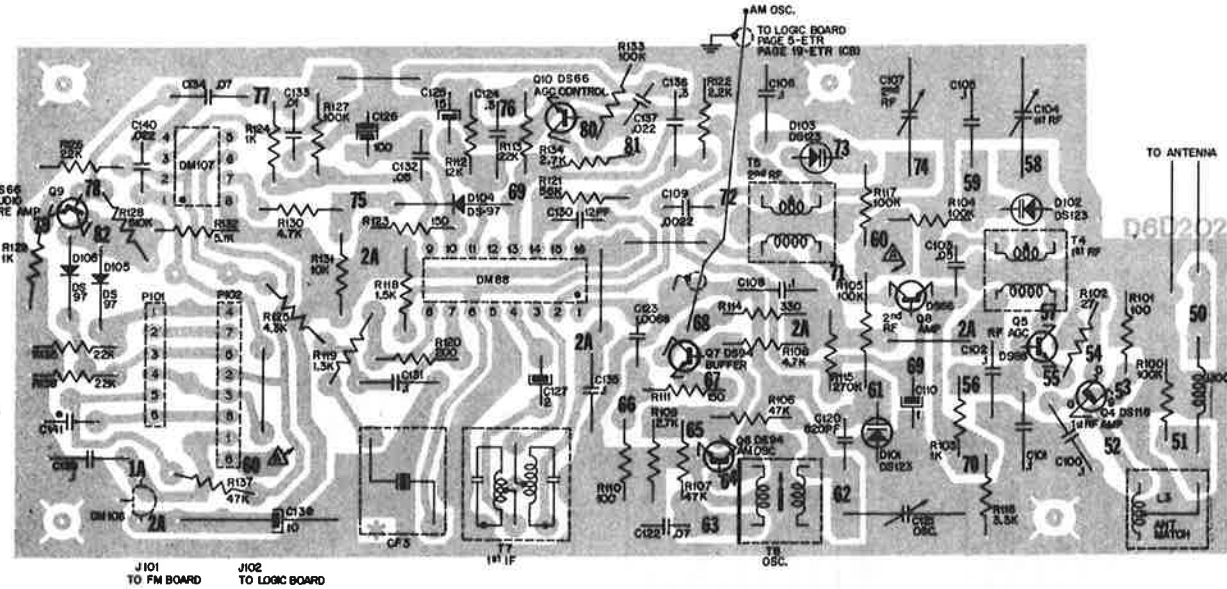
HEAD HEIGHT (CROSSTALK)		
USING J-22683:	PROGRAM 1,	FULL VOLUME – TURN SCREW UNTIL TONE IS HEARD, THEN BACK IT OFF UNTIL TONE DISAPPEARS.
	PROGRAM 4,	FULL VOLUME – SHOULD BE QUIET
USING RCA 321:	PROGRAM 2,	MODERATE VOLUME – ADJUST FOR NULL
AZIMUTH (HIGH FREQUENCY)		
EITHER TAPE:	PROGRAM 2,	HIGH VOLUME – 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).	

SERVICE AIDS ETR

ALL VOLTAGES "NO SIGNAL"
UNLESS OTHERWISE SPECIFIED.



FM COPPER PATTERN



AM COPPER PATTERN

Q1 FM RF DS-102		
	NO SIGNAL	2000 μV
G1	4.3V	4.3V
G2	7.92V	4.8V
S	4.08V	3.6V
D	11.8V	11.9V

Q2 FM OSC DS-94	
BASE TO EMITTER	.7V
C	5.3V

Q3 THRESHOLD DS-66		
	SEEK	SCAN
BASE TO EMITTER	-1.8V	.8V
C	7.9V	7.9V
E	1.8V	7.9V

Q4 RF AMP DS-116		
	NO SIGNAL	STRONG STATION
G	0V	0V
S	1.3V	.8V
D	4.3V	1.2V

Q5 RF AGC DS-66		
	NO SIGNAL	STRONG STATION
E	4.7V	1.4V
B	5.3V	2.1V
C	8.0V	8.0V

U4 DM-88 ICSAM	
PIN	VOLTAGE
1	1.1V
2	1.4V
3	8.0V
4	.7V
5	0V
6	6.3V
7	1.4V
8	1.4V
9	1.0V
10	5.7V
11	.6V
12	.3V
13	5.4V
14	.9V
15	1.5V
16	8.0V

	Q6 AM OSC DS-94	Q7 OSC BUFFER DS-94	Q9 AUDIO DS-66	Q10 AGC CONTROL DS-66
E	0V	1.1V	.6V	0V
B	.6V	1.6V	1.3V	0V
C	1.6V	6.3V	3.2V	5.9V

Q8 RF AMP DS-66		
	NO SIGNAL	STRONG STATION
E	5.1V	2.1V
B	5.6V	2.7V
C	8.0V	8.0V

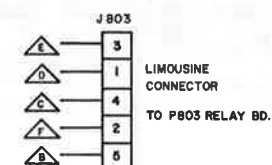
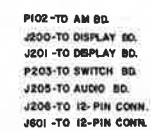
	U1 DM-38 ICBM		U2 DM-111 ISQD/NS		U3 DM-115 ICAP/SD	
PIN	NO SIGNAL	2000 μV NO MOD	NO SIGNAL	2000 μV NO MOD	NO SIGNAL	2000 μV STEREO
1	.7V	.7V	1.7V	1.8V	7.9V	7.9V
2	1.4V	1.4V	1.6V	1.8V	1.8V	1.8V
3	0V	0V	1.6V	1.8V	7.9V	7.9V
4	1.4V	1.4V	0V	0V	1.8V	1.8V
5	11.8V	11.6V	.6V	.6V	1.8V	1.8V
6	11.8V	11.6V	.4V	2.7V	1.8V	1.8V
7	3.7V	3.7V	.1V	12.5V	1.8V	1.8V
8	3.7V	3.8V	1.9V	1.7V	2.3V	2.2V
9	1.9V	1.9V	4.7V	4.8V	2.2V	2.2V
10	1.9V	1.9V	4.8V	4.8V	0V	0V
11	0V	0V	5.2V	5.2V	12.2V	.8V
12	7.9V	7.9V	5.2V	5.0V	2.3V	2.3V
13	7.9V	4.8V	5.2V	5.2V	2.6V	2.6V
14	.4V	2.7V	4.9V	5.0V	3.0V	3.0V
15	7.9V	7.9V	4.2V	4.3V	3.2V	3.2V
16	7.6V	7.6V	1.3V	1.3V	.6V	.6V
17			5.2V	5.2V	3.9V	3.9V
18			2.7V	7.0V	3.3V	3.3V
19			0V	0V	3.8V	3.8V
20			2.4V	2.4V	21V	1.1V
21			1.7V	1.7V		
22			2.6V	2.6V		
23			4.4V	4.4V		
24			7.9V	7.9V		

U5 ICDC DM-107		
PIN	NO SIGNAL	STRONG STATION
1	0V	12.6V
2	1.1V	1.1V
3	.9V	1.3V
4	0V	0V
5	1.1V	1.1V
6	0V	0V
7	8.0V	8.0V
8	8.0V	8.0V

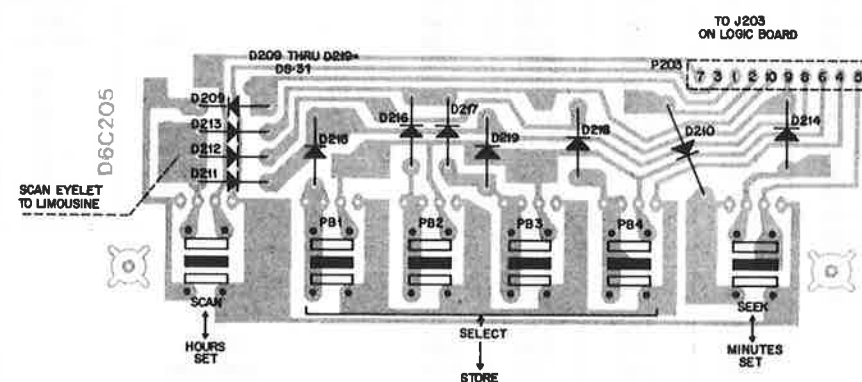
U6 ICVR DM-106	
IN	OUT
13.7V	8.0V

U7 DM-92	
IN	OUT
13.8V	7.95V

SERVICE AIDS

 DENOTES
LIMOUSINE
CONNECTIONS

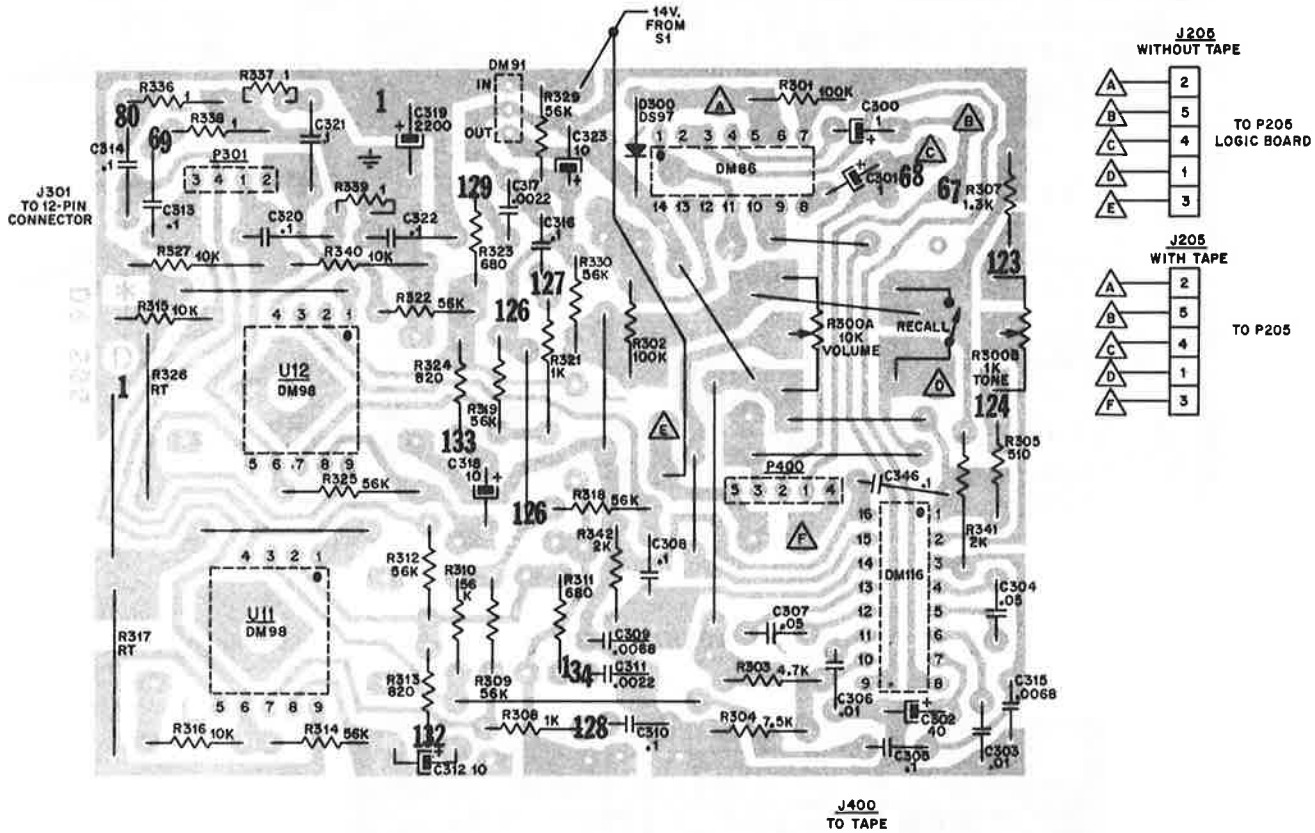
	A
F	G
E	
	D



DISPLAY BOARD

AUDIO BOARD FOR STEREO
OR TAPE

SERVICE AIDS



U8 DM-86 ICAG		
PIN	NORMAL	SEEK
1	0V	0V
2	2.2V	2.2V
3	2.2V	2.2V
4	2.2V	.4V
5	8.5V	0V
6	8.5V	0V
7	0V	0V
8	2.2V	.4V
9	2.2V	2.2V
10	2.2V	2.2V
11	0V	0V
12	0V	0V
13	0V	0V
14	8.0V	8.0V

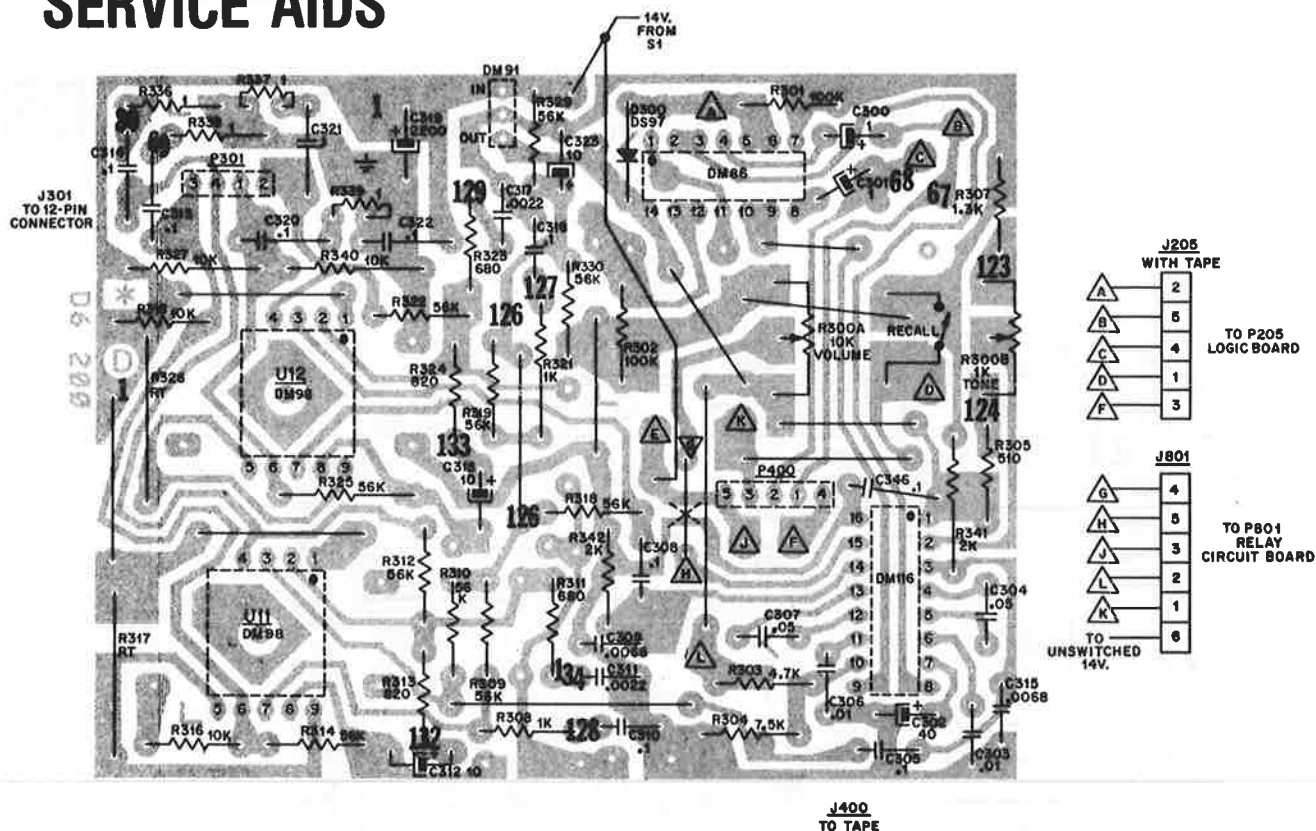
U10 DM-91 ICVR	
IN	OUT
14.0V	8.0V

U11 & 12 DM-98 ICBA	
PIN	VOLTAGE
1	14.0V
2	6.9V
3	6.9V
4	7.0V
5	14.0V
6	6.9V
7	6.8V
8	6.9V
9	14.0V

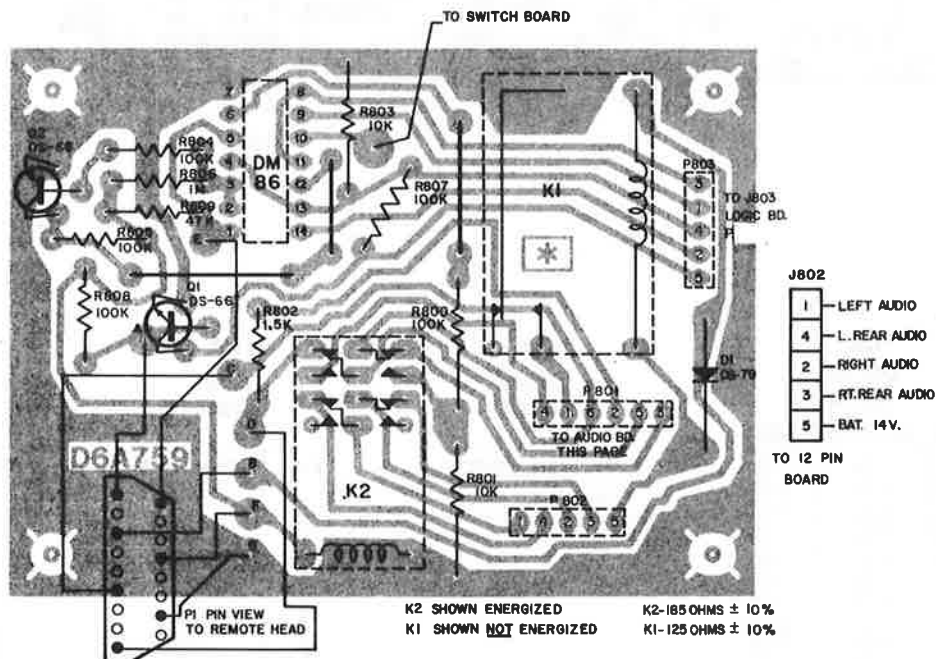
U9 DM-116 ICVT	
PIN	VOLTAGE
1	8.0V
2	4.9V ●
3	.6V
4	2.2V
5	2.7V
6	2.8V
7	2.2V
8	2.2V
9	2.2V
10	4.0V
11	2.6V
12	2.4V
13	2.2V
14	.6V
15	4.3V ▲
16	0V

▲ LOW VOLUME
● TONE AT DETENT

SERVICE AIDS



AUDIO BOARD



RELAY BOARD

SCHEMATIC

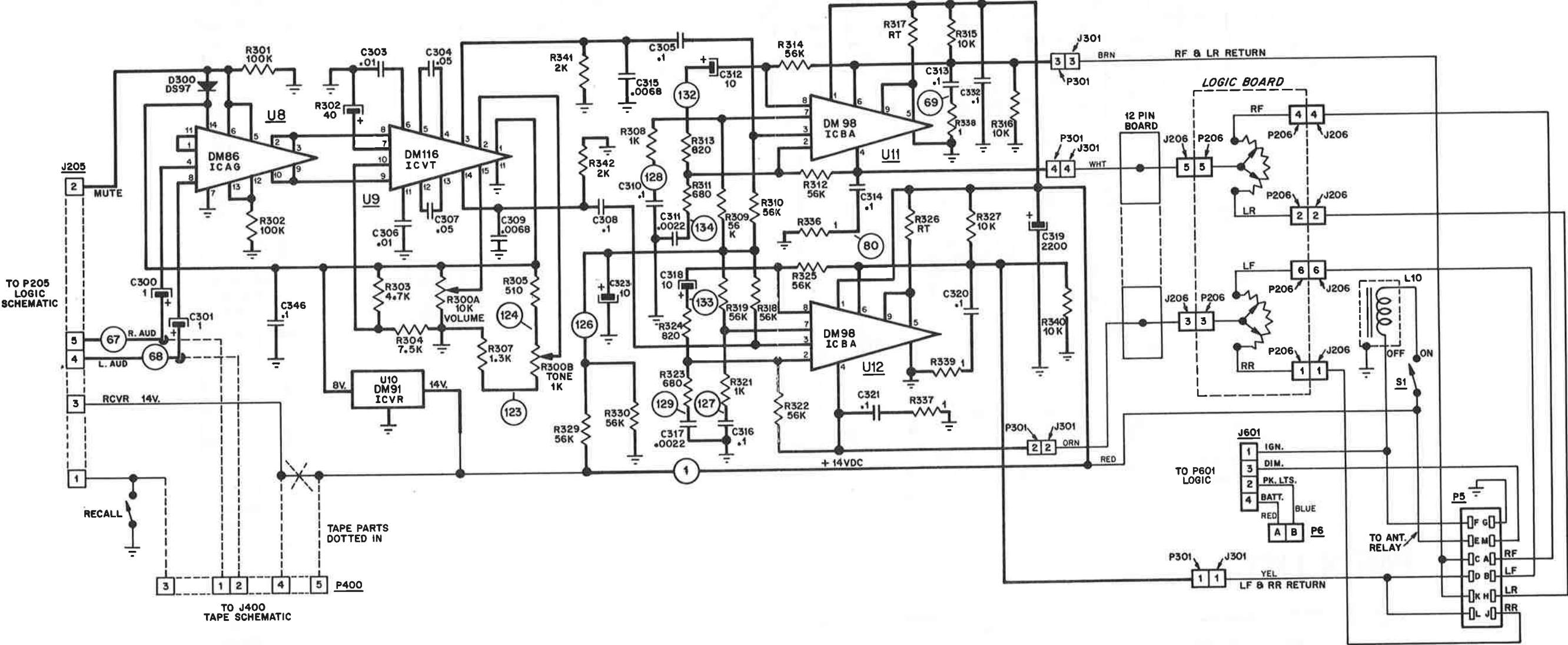
AUDIO FOR STEREO OR TAPE

UNLESS OTHERWISE NOTED:
ALL CAPACITORS ARE SHOWN IN MFD

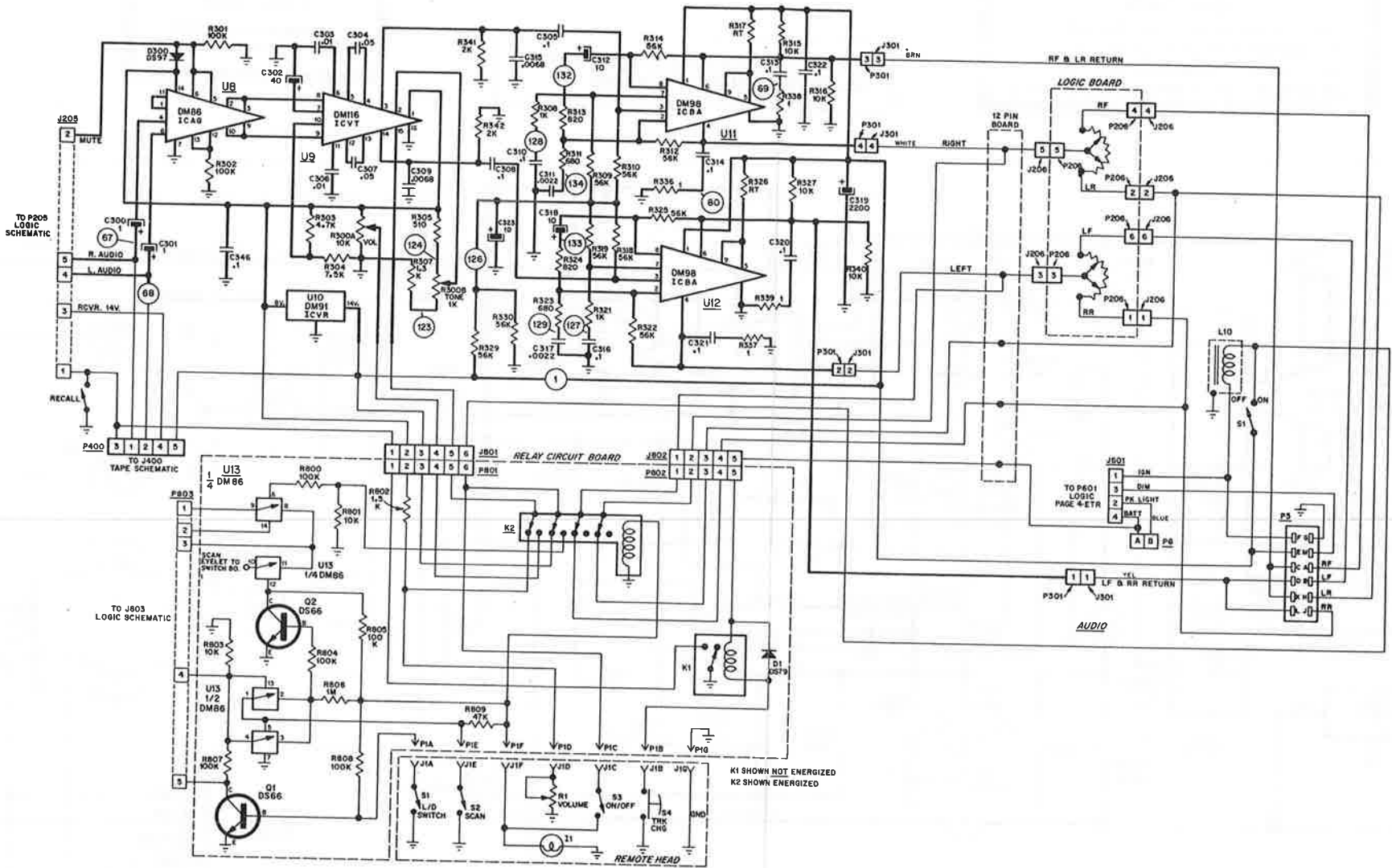
CAUTION
GROUND PROBE BEFORE MAKING
MEASUREMENTS ON IC. ALSO, DO
NOT SHORT IC PINS TOGETHER OR
TO GROUND OR IC MAY BE DESTROYED.

VOLTAGES MEASURED WITH A VTVM
14 VOLTS APPLIED TO RADIO

CAUTION
BENCH SPEAKERS
MUST BE UNGROUNDED



LIMOUSINE BACK SEAT
REMOTE CONTROL



U9
DM-116
ICVT

PIN	VOLTAGE
1	8.0V
2	4.9V ●
3	.6V
4	2.2V
5	2.7V
6	2.8V
7	2.2V
8	2.2V
9	2.2V
10	4.0V
11	2.6V
12	2.4V
13	2.2V
14	.6V
15	4.3V ▲
16	0V

▲ LOW VOLUME
● TONE AT DETENT

U11 & 12
DM-98
ICBA

PIN	VOLTAGE
1	14.0V
2	6.9V
3	6.9V
4	7.0V
5	14.0V
6	6.9V
7	6.8V
8	6.9V
9	14.0V

U10
DM-91
ICVR

IN	OUT
14.0V	8.0V

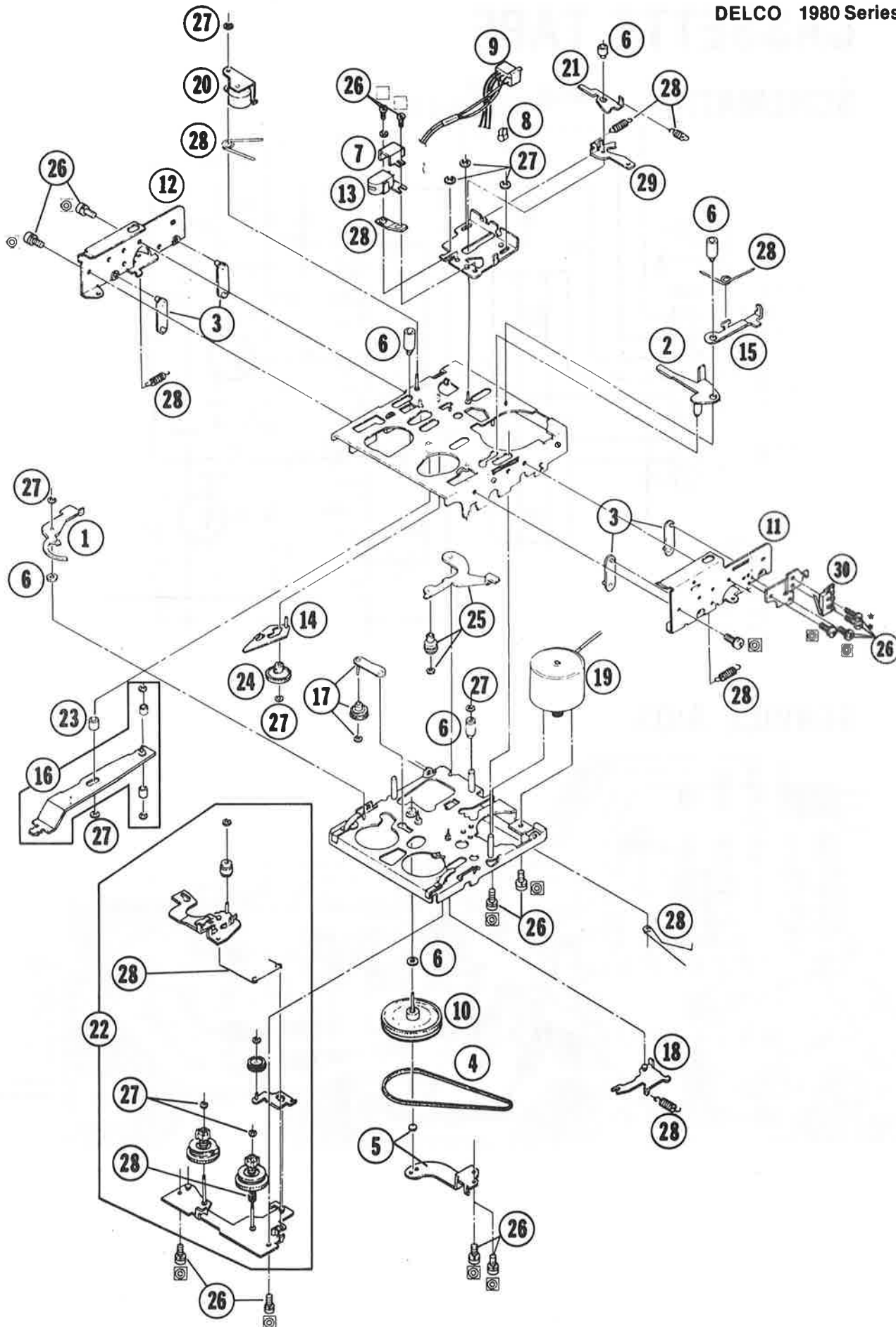
U8
DM-86
ICAG

PIN	NORMAL	SEEK
1	0V	0V
2	2.2V	2.2V
3	2.2V	2.2V
4	2.2V	.4V
5	8.5V	0V
6	8.5V	0V
7	0V	0V
8	2.2V	.4V
9	2.2V	2.2V
10	2.2V	2.2V
11	0V	0V
12	0V	0V
13	0V	0V
14	8.0V	8.0V

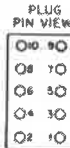
PARTS LIST

Illus. No.	Service No.	Description
RELAY BOARD		
D1	DS-79	DIODE, ISOLATION
K1	16005087	RELAY, SPDT
K2	16004821	RELAY, 4 PDT
P1	16004823	CONNECTOR ASM.
P801	16009584	CONNECTOR, 6-PIN
J801	16010162	CONNECTOR, 6-WIRE, ON AUDIO BD.
P802	16001157	CONNECTOR, 5-PIN
J802	16009558	CONNECTOR, 5-WIRE, ON AUDIO BD.
P803	16001157	CONNECTOR, 5-PIN
J803	16010163	CONNECTOR ASM, 5-WIRE, LIMO ON LOGIC BOARD
Q1	DS-66	TRANSISTOR
Q2	DS-66	TRANSISTOR
U13	DM-86	TRANSFER GATE

Illus. No.	Service No.	Description
REMOTE HEAD		
I1		LAMP, NO. 250
J1	16004014	CABLE ASM, REMOTE TO RADIO
R1	16004483	CONTROL, VOLUME (ALSO S1, S3, S4)
	7279805	NUT, HEX
S2	9349438	SWITCH, SCAN — NC, PP
	16003522	PUSHBUTTON, ROUND



SCHEMATIC



SERVICE AIDS



CASSETTE DECK

PARTS LIST

8-TRACK TAPE ETR/8-TRACK TAPE

SCHEMATIC

Illus. No.	Service No.	
TAPE MECH		
1	16001505	ARM, ...
2	16008576	BELT, ...
3	7896704	CAM, ...
4	16011725	FLYW, ...
5	16011726	WASH, ...
6	16006297	GUIDE, ...
7	7896694	GUIDE, ...
8	16010767	HEAD, ...
9	16011269	MOTO, ...
10	16011747	PAWL, ...
11	9349291	PLUNG, ...
12	7896705	SCREW, ...
13	1224435	SCREW, ...
14	16010175	SOLE, ...
15	7896706	SPRIN, ...
16	7898886	SPRIN, ...
17	16003539	SPRIN, ...
18	1223673	SPRIN, ...
19	1224227	STRIP, ...
20	16009930	BRAC, ...
21	16009568	PLATE, ...
CONT		
R400 ... 16005034 ... POT,		

U22
DM-50
ICPA

PIN	VOLTAGE
1	0V
2	0V
3	0V
4	.6V
5	.6V
6	1.9V
7	1.4V
8	3.2V
9	9.8V
10	3.2V
11	1.4V
12	1.9V
13	.6V
14	.6V

Q501 DS-66		Q502 DS-66	
E	.3V	E	.3V
B	.9V	B	.9V
C	4.4V	C	4.4V

D501
DS-159

6.3V

Illus. No.	Service No.	Description
CASSETTE DECK PARTS		
1	1224366	ARM, DETECTING
2	1224364	ARM, EJECT ASM.
3	1224368	ARM, PIVOT
4	1224370	BELT
5	1224369	BRACKET, FLYWHEEL BRG. ASM.
6	1224403	BUSHING PKG.
7	1224362	CASE, HEAD SHIELD
8	1224367	CLAMP, CORD
9	1224365	CONNECTOR ASM.
10	1224355	FLYWHEEL
11	1224356	GUIDE, CARTRIDGE (RIGHT)
12	1224357	GUIDE, CARTRIDGE (LEFT)
13	1224350	HEAD, PLAYBACK
14	1224359	HOOK
15	1224360	LEVER, EJECT
16	1224353	LEVER, EJECT ASM.
17	1224354	LEVER, IDLER ASM.
18	1224361	LEVER, IDLER SW. ASM.
19	1224400	MOTOR, ASM.
20	1224351	PINCH ROLLER ASM.
21	1224406	PLATE, REW DETECTING
22	1224396	REEL BASE ASM. PKG.
23	1224352	ROLLER, EJECT
24	1224358	ROLLER, HOOK
25	1224363	ROLLER, TAPE END DETECTING
26	1224380	SCREW PACKAGE
27	1224375	SNAP RING PACKAGE
28	1224390	SPRING PACKAGE
29	1224407	STOPPER, REW DETECTING
30	1224405	SWITCH, MICRO

SEMICONDUCTORS

D501	DS-159	DIODE, DS-159
D502	DS-97	DIODE, DS-97
D503	DS-97	DIODE, DS-97
Q501	DS-66	TRANSISTOR, BUFFER
Q502	DS-66	TRANSISTOR, BUFFER
U22	DM-50	IC PRE-AMP

CAPACITORS

C501	9342269	500 MFD, 16 VOLT, ELECT.
C505	7936360	10 MFD, 10 VOLT, TANT.
C507	7936360	10 MFD, 10 VOLT, TANT.
C510	7296363	3 MFD, 10 VOLT, TANT.
C511	7296363	3 MFD, 10 VOLT, TANT.

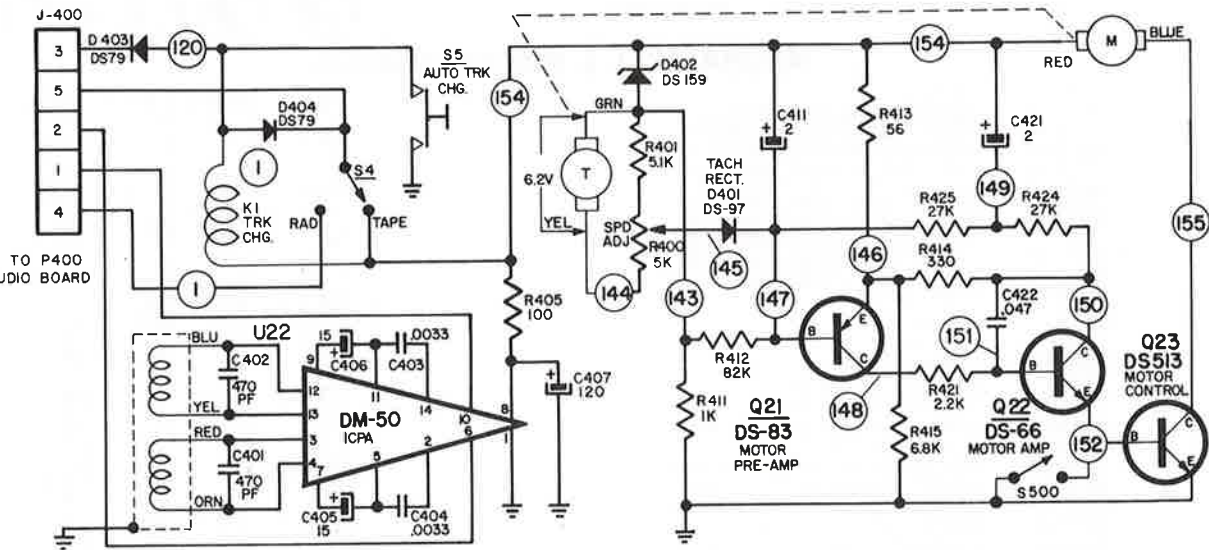
CONTROLS

R523	16005419	CONTROL, 2K BALANCE
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MISCELLANEOUS

40	16005291	PUSHBUTTON
J400	16009946	CONNECTOR, 5-WIRE
P500	1224365	CONNECTOR, 10-PIN
S1	1224405	SWITCH, MICRO

SERVICE AIDS



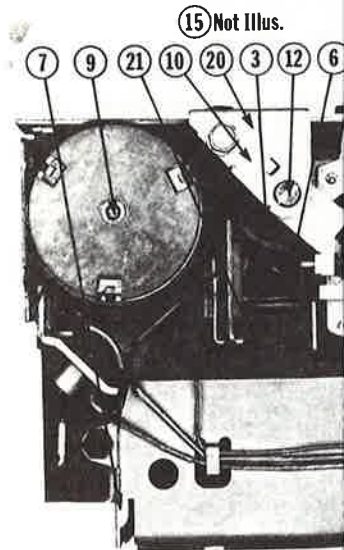
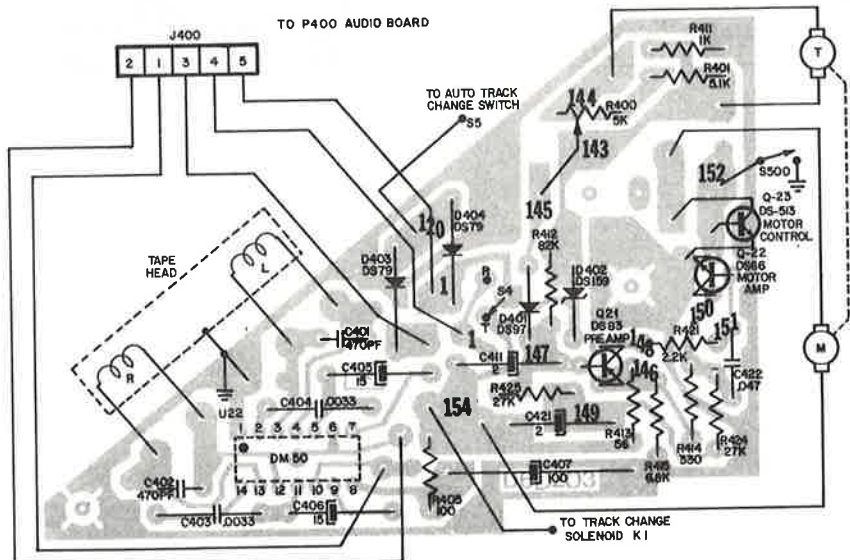
Q21 DS-83 MOTOR PRE-AMP		Q22 DS-66 MOTOR AMP		Q23 DS-513 MOTOR CONTROL	
BASE TO EMITTER	.5V	BASE TO EMITTER	.6V	E	0V
C	1.2V	C	13.5V	B	.5V
				C	7.6V

D402
DS-159

6.2V

U22
DM-50
ICPA

PIN	VOLTAGE
1	0V
2	0V
3	.6V
4	.6V
5	2.0V
6	1.4V
7	3.2V
8	13.2V
9	3.3V
10	1.5V
11	2.1V
12	.6V
13	.6V
14	0V



PARTS LIST

Description

DECK PARTS

DETECTING
EJECT ASM.
PIVOT

CKET, FLYWHEEL BRG. ASM.
HING PKG.

E, HEAD SHIELD

MP, CORD

NECTOR ASM.

WHEEL

E, CARTRIDGE (RIGHT)

E, CARTRIDGE (LEFT)

O, PLAYBACK

K

R, EJECT

R, EJECT ASM.

R, IDLER ASM.

R, IDLER SW. ASM.

OR, ASM.

H ROLLER ASM.

E, REW DETECTING

BASE ASM. PKG.

ER, EJECT

ER, HOOK

ER, TAPE END DETECTING

EW PACKAGE

P RING PACKAGE

NG PACKAGE

PPER, REW DETECTING

CH, MICRO

INDUCTORS

E, DS-159

E, DS-97

E, DS-97

ISISTOR, BUFFER

ISISTOR, BUFFER

RE-AMP

CAPACITORS

MFD, 16 VOLT, ELECT.

FD, 10 VOLT, TANT.

FD, 10 VOLT, TANT.

D, 10 VOLT, TANT.

D, 10 VOLT, TANT.

CONTROLS

CONTROL, 2K BALANCE

MISCELLANEOUS

IBUTTON

NECTOR, 5-WIRE

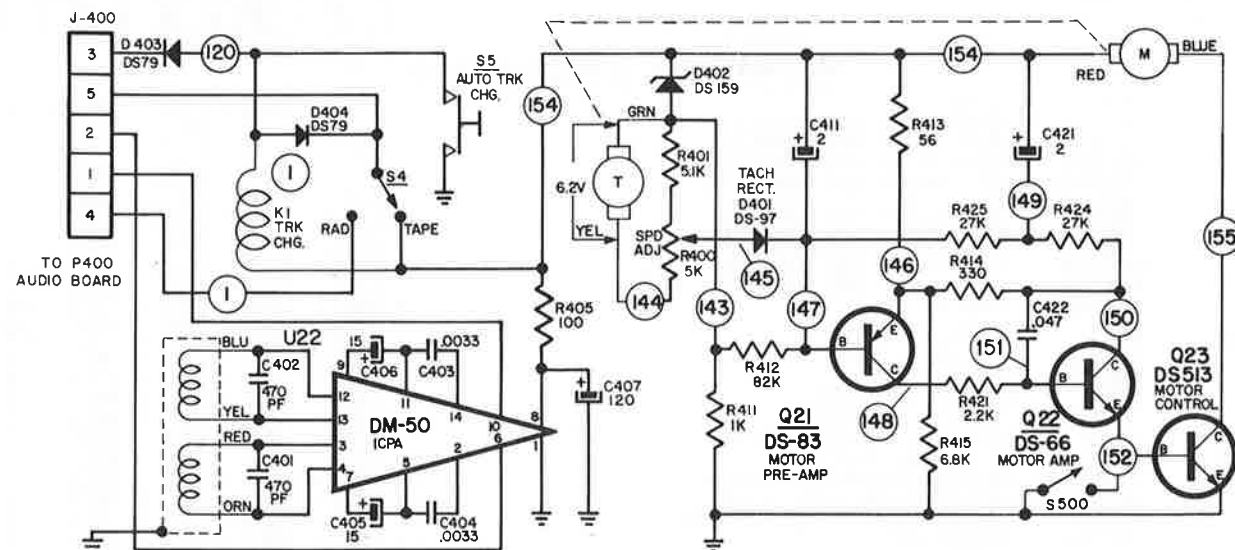
NECTOR, 10-PIN

CH, MICRO

8-TRACK TAPE

ETR/8-TRACK TAPE

SCHEMATIC



Q21
DS-83
MOTOR
PRE-AMP

BASE TO EMITTER	.5V
C	1.2V

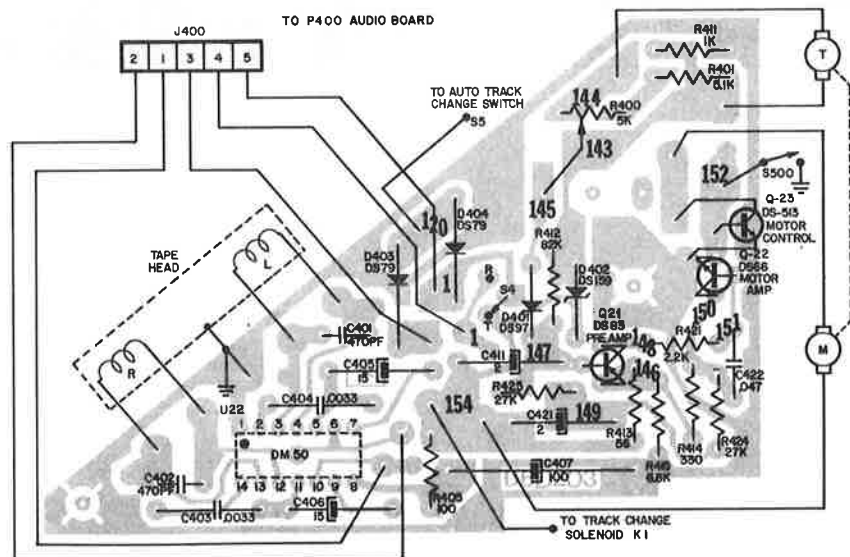
Q22
DS-66
MOTOR
AMP

BASE TO EMITTER	.6V
C	13.5V

Q23
DS-513
MOTOR
CONTROL

E	0V
B	.5V
C	7.6V

SERVICE AIDS



D402
DS-159

6.2V

U22
DM-50
ICPA

PIN	VOLTAGE
1	0V
2	0V
3	.6V
4	.6V
5	2.0V
6	1.4V
7	3.2V
8	13.2V
9	3.3V
10	1.5V
11	2.1V
12	.6V
13	.6V
14	0V

8-TRACK TAPE PARTS LIST

ETR/8-TRACK TAPE

Illus. No.	Service No.	Description
TAPE MECHANICAL		
1	16001505	ARM, CART. LOCK
2	16008576	BELT, DRIVE
3	7896704	CAM, TRACK CHANGE
4	16011725	FLYWHEEL & BEARING ASM.
5	16011726	WASHER, THRUST
6	16006297	GUIDE ASM., TAPE
7	7896694	GUIDE PLATE, CART., PLASTIC
8	16010767	HEAD & CARRIAGE ASM. INCL. CABLE
9	16011269	MOTOR
10	16011747	PAWL, CAM
11	9349291	PLUNGER & RATCHET ASM.
12	7896705	SCREW, HEAD HEIGHT ADJ.
13	1224435	SCREW PACKAGE, MOTOR MOUNT (6/PKG.)
14	16010175	SOLENOID
15	7896706	SPRING, CAM
16	7898886	SPRING, LOCK ARM
17	16003539	SPRING, PLUNGER
18	1223673	SPRING, RATCHET (10/PKG.)
19	1224227	STRIPPER
20	16009930	BRACKET, MOUNTING AND CAM
21	16009568	PLATE ASM., CART.

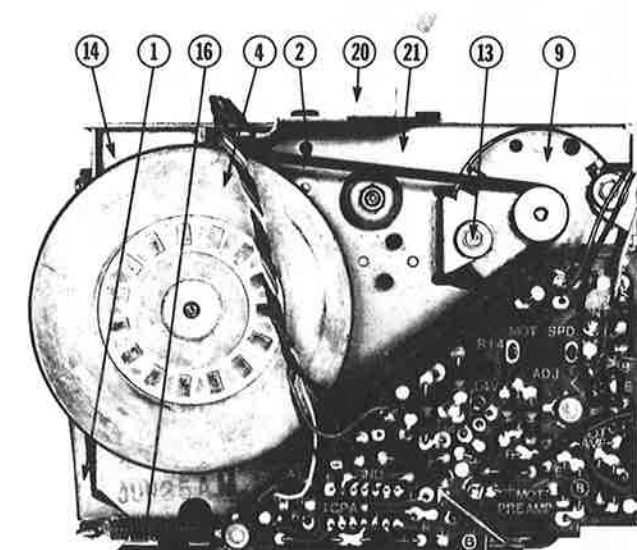
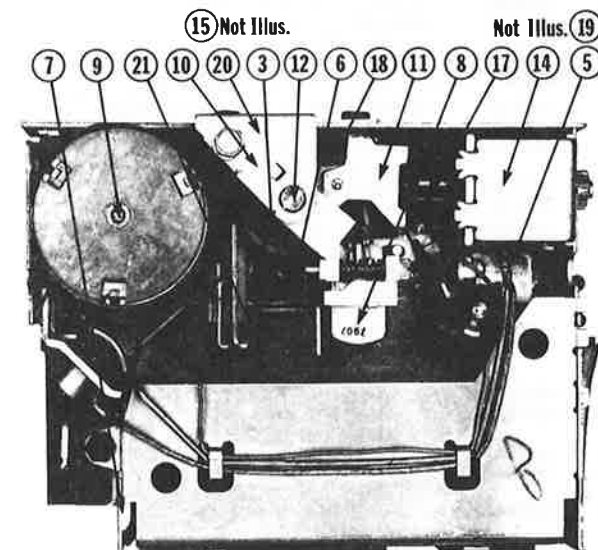
CONTROLS

R400 ... 16005034 ... POT, MOTOR SPEED, 5K

Illus. No.	Service No.	Description
SEMICONDUCTORS		
D401	DS-97	DIODE, TACH. RECT.
D402	DS-159	DIODE, ZENER, 7 VOLT
D403	DS-79	DIODE
D404	DS-79	DIODE
Q21	DS-83	MOTOR PRE-AMP
Q22	DS-66	MOTOR AMP
Q23	DS-513	MOTOR CONTROL
U22	DM-50	IC, PRE-AMP
CAPACITORS		
C405	9348339	15 MFD, 3 VOLT, ELECTROLYTIC
C406	9348339	15 MFD, 3 VOLT, ELECTROLYTIC
C407	9349025	100 MFD, -10, +250, 16 VOLT, ELECTROLYTIC
C411	7932103	2 MFD, 10 VOLT, ELECTROLYTIC
C421	7932103	2 MFD, 10 VOLT, ELECTROLYTIC
MISCELLANEOUS		
S4	1224709	TRANSISTOR MOUNTING PKG.
J400	16006758	SWITCH, R/T (ON CIRCUIT BOARD)
J400	16009446	CONNECTOR ASM., 5-WIRE, TO AUDIO BOARD

*PARTS FIRST USED IN 1980

PARTS BREAKDOWN



PARTS LIST

Illus. No.	Service No.	Description
CAPACITORS		
C2	7285233	18 PF, 5%, 100V, NPO
C3	9348419	TRIMMER, FM ANT
C4	16009797	270 PF, 20%, 100V, DISC
C5	16009797	270 PF, 20%, 100V, DISC
C6	16009799	.0022 MFD, 20%, 100V, DISC
C7	9348419	TRIMMER, FM OSC.
C8	16005092	47 PF, 10%, 50V, NPO
C9	16005090	33 PF, 5%, 50V, NPO
C10	16011266	12 PF, 10%, 100V, NPO
C11	16009797	270 PF, 20%, 100V, DISC
C12	16009794	2 PF, 12%, 100V, NPO
C13	16009903	BYPASS
C14	7936359	3 MFD, 20%, 35V, TANT
C15	16009797	270 PF, 20%, 100V, DISC
C17	16009797	270 PF, 20%, 100V, DISC
C18	16009903	BYPASS
C19	9348419	TRIMMER, FM RF
C20	16011266	12 PF, 10%, 100V, NPO
C21	16011266	12 PF, 10%, 100V, NPO
C22	16009903	BYPASS
C23	16005092	47 PF, 10%, 50V, NPO
C24	16009795	10 PF, 5%, 100V, NPO
C25	16009903	BYPASS
C26	16009797	270 PF, 20%, 100V, DISC
C27	16009487	100 MFD, -20 + 80%, 16V, LYTIC
C28	7285233	18 PF, 5%, 100V, NPO
C30	16009903	BYPASS
C31	16009903	BYPASS
C32	16009799	.0022 MFD, 20%, 100V, DISC
C33	16009487	100 MFD, -20 + 80%, 16V, LYTIC
C34	16009903	BYPASS
C35	16009485	3.3 MFD, -20 + 80%, 10V, LYTIC
C36	16009903	BYPASS
C37	16009903	BYPASS
C38	16009799	.0022 MFD, 20%, 100V, DISC
C39	16009903	BYPASS
C40	16009903	BYPASS
C42	16009797	270 PF, 20%, 100V, DISC
C43	16005090	33 PF, 5%, 50V, NPO
C45	16009485	3.3 MFD, -20 + 80%, 10V, LYTIC
C46	16009474	200 PF, 10%, 100V, DISC
C47	16009799	.0022 MFD, 20%, 100V, DISC
C48	16009800	.0047 MFD, 20%, 100V, DISC
C50	16009485	3.3 MFD, -20 + 80%, 10V, LYTIC
C52	7936360	10 MFD, 20%, 10V, TANT
C54	16009485	3.3 MFD, -20 + 80%, 10V, LYTIC
C55	16009487	100 MFD, -20 + 80%, 16V, LYTIC
C56	16009800	.0047 MFD, 20%, 100V, DISC
C57	16009800	.0047 MFD, 20%, 100V, DISC
C58	16011265	.0082 MFD, 10%, 10V, DISC
C59	16011265	.0082 MFD, 10%, 10V, DISC
C61	16010969	.001 MFD, 5%, 100V, NPO
C62	16009800	.0047 MFD, 20%, 100V, DISC
C64	16003529	.3 MFD, 20%, 10V, DISC
C103	7287087	.05 MFD, 16V, DISC
C104	16001482	TRIMMER, 1ST RF
C107	16001482	TRIMMER, 2ND RF
C110	7936365	1 MFD, 10V, TANT
C120	16010945	820 PF, 50V, NPO, CERAMIC
C121	16001482	TRIMMER, OSC
C123	7288619	.0068 MFD, 100V, DISC
C125	7936361	15 MFD, 6V, TANT
C126	9349947	100 MFD, 16V, NON-POLAR
C127	7936364	2 MFD, 10V, TANT
C132	7287087	.05 MFD, 16V, DISC
C133	7291069	.01 MFD, 16V, DISC
C134	7288631	.07 MFD, 16V, DISC
C138	16009973	10 MFD, 10V, LYTIC
C141	7897655	BYPASS
C200	7288049	270 PF, 10%, 100V, DISC
C201	16005096	.001 MFD, 20%, 50V
C202	16005096	.001 MFD, 20%, 50V
C203	16005096	.001 MFD, 20%, 50V
C205	16005095	270 PF, 20%, 50V
C207	16005092	47 PF, 10%, 50V, NPO

Illus. No.	Service No.	Description
CAPACITORS (Continued)		
C209	7895005	10 MFD, 20%, 15V, TANT
C210	16005096	.001 MFD, 20%, 50V
C211	16005027	36 PF, 5%, 100V, NPO
C212	16008570	TRIMMER, OSC. ADJ., NPO
C213	7283625	22 PF, 5%, 100V, NPO
C214	7288048	470 PF, 10%, 100V
C215	7288049	270 PF, 10%, 100V
C216	7936359	3 MFD, 20%, 35V, TANT
C217	16002010	.33 MFD, 10%, 75V, FILM
C218	7295186	56 PF, 5%, 100V, NPO
C219	7936362	4.7 MFD, 20%, 10V, TANT
C222	7287087	.05 MFD, 20%, 16V, DISC
C223	16005099	220 MFD, -10 + 100%, 16V, LYTIC
C224	16005253	470 MFD, -10 + 100%, 16V, LYTIC
C225	thru	
C228	7288048	470 PF, 10%, 100V, DISC
C229	16005095	270 PF, 20%, 50V
C230	7897499	4.7 MFD, 10%, 16V, LYTIC
C231	7895005	10 MFD, 20%, 15V, TANT
C232	7288049	270 PF, 10%, 100V
C233	7288049	270 PF, 10%, 100V
C234	thru	
C238	16005095	270 PF, 20%, 50V
C300	7936365	1 MFD, 20%, 10V, TANT
C301	7936365	1MFD, 20%, 10V, TANT
C302	7298555	40 MFD, 20%, 6V, LYTIC
C303	7291069	.01 MFD, 20%, 16V, DISC
C304	7287087	.05 MFD, 20%, 16V, DISC
C306	7291069	.01 MFD, 20%, 16V, DISC
C307	7287087	.05 MFD, 20%, 16V, DISC
C311	7283696	.0022 MFD, 10%, 100V, DISC
C312	7936360	10 MFD, 20%, 10V, TANT
C317	7283696	.0022 MFD, 10%, 100V, DISC
C318	7936360	10 MFD, 20%, 10V, TANT
C319	16011651	2200 MFD, -10 + 75, 16V, LYTIC
C323	7936360	10 MFD, 20%, 10V, TANT
CONNECTORS AND HARNESES		
J5	1224150	12-PIN, 1-PIECE, BENCH HOOK-UP
J5	1224198	12-PIN, 3-PIECE, BENCH HOOK-UP
P5	12004451	CONNECTOR, 12-PIN, POWER AND SPEAKERS
J6	16001639	HARNESS, CAR, 2-WIRE
P6	7895132	CONNECTOR, PIGTAIL, 2-WIRE
P101	16009467	CONNECTOR, 6-PIN, ON AM BOARD
J101	16009488	CONNECTOR ASM., 6-WIRE, RIBBON, ON FM BD.
J102	16009482	CONNECTOR ASM., 8-WIRE, RIBBON, ON LOGIC BD.
P102	16009469	CONNECTOR, 8-PIN, ON AM BOARD
J200	16005030	CONNECTOR ASM., 7-WIRE RIBBON, ON DISPLAY BD.
P200	16005454	CONNECTOR, 7-PIN, ON LOGIC BD.
J201	16010389	CONNECTOR ASM., 11-WIRE, RIBBON, ON DISPLAY BD.
P201	16009479	CONNECTOR, 11-PIN, ON LOGIC BD.
J203	16009480	CONNECTOR ASM., 10-WIRE, RIBBON, ON LOGIC BD.
P203	16009472	CONNECTOR, 10-PIN, ON SWITCH BOARD
J205	16009558	CONNECTOR ASM., 5-WIRE, AUDIO TO LOGIC
P205	16001157	CONNECTOR, 5-PIN, ON LOGIC BOARD
J206	16009575	CONNECTOR ASM., 6-WIRE, AUDIO
P206	16009584	CONNECTOR, 6-PIN, ON LOGIC BD.
J301	16001551	CONNECTOR ASM., 4-WIRE, AUDIO
P301	16001212	CONNECTOR, 4-PIN, ON AUDIO BD.
P400	16001157	CONNECTOR, TAPE, 5-PIN, ON AUDIO BOARD
J601	16009573	CONNECTOR ASM., 4-WIRE, INPUT TO LOGIC
P601	16001212	CONNECTOR, 4-PIN, ON LOGIC BD.

*PARTS FIRST USED IN 1980

PARTS LIST NON-CB/ETR

Illus. No.	Service No.	Description	MODEL NO.											
			00BEE	00CEE	00SEE	00BEE	00CEE	00SEE	00DEE	00BEE	02FEE	00CEE	00SEE	
MECHANICAL & MISCELLANEOUS														
X1	* 16006225	CRYSTAL	X	X	X	X	X	X	X	X	X	X	X	X
	* 16010113	ESCUTCHEON ASM, COMPLETE	X											
	* 16010108	ESCUTCHEON ASM, COMPLETE		X										
	* 16010112	ESCUTCHEON ASM, COMPLETE			X									
	* 16010103	ESCUTCHEON ASM, COMPLETE				X								
	* 16010107	ESCUTCHEON ASM, COMPLETE					X		X					
	* 16010110	ESCUTCHEON ASM, COMPLETE						X						
	* 16009977	ESCUTCHEON ASM, COMPLETE								X	X			
	* 16010106	ESCUTCHEON ASM, COMPLETE										X		
	* 16009975	ESCUTCHEON ASM, COMPLETE											X	
I3	16005032	LAMP, BALLAST	X	X	X	X	X	X	X	X	X	X	X	X
I2	DS-151	INDICATOR	X	X	X	X	X	X	X	X		X	X	X
I1	DS-152	DISPLAY, 3½ DIGIT	X	X	X	X	X	X	X	X		X	X	X
	7898970	PUSHBUTTON	X	X	X	X	X	X	X	X	X	X	X	X
	7898971	PUSHBUTTON, SEEK	X	X	X	X	X	X	X	X	X	X	X	X
	7899375	PUSHBUTTON, SCAN	X	X	X	X	X	X	X	X	X	X	X	X
I2	DS-835	INDICATOR, FUNCTION, RED									X			
I1	DS-834	DISPLAY, 3½ DIGIT, RED									X			
	16009566	SWITCH AND PUSHBUTTON ASM.	X	X	X	X	X	X	X	X	X	X	X	X
	16010193	CIRCUIT BOARD, INPUT, 12-PIN	X	X	X	X	X	X	X	X	X	X	X	X
	1224709	TRANSISTOR MTG. PKG., DS-70, DS-513	X	X	X	X	X	X	X	X	X	X	X	X
	16011639	SOCKET, ANT.	X	X	X	X	X	X	X	X	X	X	X	X
	1224144	BRACKET, 12-PIN CONNECTOR MTG.	X	X	X	X	X	X	X	X	X	X	X	X
	16011752	HARNESS ASM, 4-WIRE, DISPLAY DIM										X		
	1224711	GROUND SPRING PKG., 4/PKG.	X	X	X	X	X	X	X	X	X	X	X	X
	1224712	SCREW PKG., SHORT (CASE) 25/PKG.	X	X	X	X	X	X	X	X	X	X	X	X
	1224413	TERMINAL PKG. 12-PIN, CONTAINS 15 TERMINALS	X	X	X	X	X	X	X	X	X	X	X	X
	16012602	BRACKET, PB SWITCH GROUNDING	X	X	X	X	X	X	X	X	X	X	X	X
CONTROLS AND RESISTORS														
R24	9349022	POTENTIOMETER, 20K, BLEND ADJ.	X	X	X	X	X	X	X	X	X	X	X	X
R30	9349022	POTENTIOMETER, 20K, SEPARATION ADJ.	X	X	X	X	X	X	X	X	X	X	X	X
R35	9349445	POTENTIOMETER, 5K, THRESHOLD ADJ.	X	X	X	X	X	X	X	X	X	X	X	X
R39	16010973	POTENTIOMETER, 2.5K, VCO ADJ.	X	X	X	X	X	X	X	X	X	X	X	X
R40	16006639	9.09K, 1%, VCO	X	X	X	X	X	X	X	X	X	X	X	X
	16006690	CONTROL, ON-OFF, VOL, TONE, RECALL	X		X	X		X		X		X		X
	16009456	CONTROL, ON-OFF, VOL, TONE, RECALL		X			X		X				X	
	16006689	CONTROL, MANUAL TUNE, BAND, FADER	X		X	X		X		X				X
	16006688	CONTROL, MANUAL TUNE, BAND, FADER		X			X		X				X	
	16011576	CONTROL, MANUAL TUNE, BAND, FADER										X		
R220	16001068	390 OHM, 1W	X	X	X	X	X	X	X	X		X	X	X
R221	16001067	6.8 OHM, 2W	X	X	X	X	X	X	X	X	X	X	X	X

DELCO 1980 Series

PARTS LI

Illus. No.	Service No.	Description
INTEGRATED		
U1	DM-38	BALANCE
U2	DM-111	QUADRA
U3	DM-115	NOISE P
U4	DM-88	AUDIO P
U5	DM-107	STEREO
U6	DM-106	SYNTH
U7	DM-92	DUAL CO
U8	DM-86	VOLTAG
U9	DM-116	AUDIO G
U10	DM-91	VOLUME
U11	DM-98	VOLTAG
U12	DM-98	BRIDGE
U13	DM-86	BRIDGE
U14	DM-85	TRANSF
U15	DM-104	+ 20
U16	DM-81	VOLTAG
U17	DM-90	SYNTH
U18	DM-89	INTEGRA
U19	DM-65	CLOCK
U20	DM-118	DRIVER
U21	DM-86	PROGRA
U22	DM-50	TRANSF
		PRE-AMP
DIODE		
D101,		
D102 and		
D103	DS-123	AM VAR
D104	DS-97	ISOLATI
D105	DS-97	ISOLATI
D106	DS-97	AM AUD
D200	DS-31	ISOLATI
D201	DS-31	ISOLATI
D202	DS-31	ISOLATI
D203	DS-31	ISOLATI
D204	DS-31	SPEED-U
D205	DS-79	ISOLATI
D206	DS-49	ISOLATI
D207	DS-31	ZENER,
D208		TEMPER
D209		
D219	DS-31	ISOLATI
D220	DS-31	ISOLATI
D221	DS-31	ISOLATI
D222	DS-131	ISOLATI
D223	DS-31	ISOLATI
D224	DS-31	ISOLATI
D300	DS-97	ISOLATI
VC1	DS-190	VARACT
VC2	DS-190	VARACT
VC3	DS-190	VARACT

PARTS LIST

Description

RS (Continued)

FD, 20%, 15V, TANT
MFD, 20%, 50V
F, 5%, 100V, NPO
MER, OSC. ADJ., NPO
F, 5%, 100V, NPO

F, 10%, 100V
F, 10%, 100V
D, 20%, 35V, TANT
FD, 10%, 75V, FILM
F, 5%, 100V, NPO

FD, 20%, 10V, TANT
FD, 20%, 16V, DISC
MFD, -10 + 100%, 16V, LYTIC
MFD, -10 + 100%, 16V, LYTIC

F, 10%, 100V, DISC

F, 20%, 50V
FD, 10%, 16V, LYTIC
FD, 20%, 15V, TANT
F, 10%, 100V
F, 10%, 100V

F, 20%, 50V
D, 20%, 10V, TANT
F, 20%, 10V, TANT
FD, 20%, 6V, LYTIC

FD, 20%, 16V, DISC
FD, 20%, 16V, DISC
FD, 20%, 16V, DISC
FD, 20%, 16V, DISC
MFD, 10%, 100V, DISC

FD, 20%, 10V, TANT
MFD, 10%, 100V, DISC
D, 20%, 10V, TANT
MFD, -10 + 75, 16V, LYTIC
D, 20%, 10V, TANT

ND HARNESSES

N, 1-PIECE, BENCH HOOK-UP
N, 3-PIECE, BENCH HOOK-UP
ECTOR, 12-PIN, POWER
SPEAKERS
ESS, CAR, 2-WIRE
ECTOR, PIGTAIL, 2-WIRE

ECTOR, 6-PIN, ON AM BOARD
ECTOR ASM., 6-WIRE,
ON, ON FM BD.
ECTOR ASM., 8-WIRE,
ON, ON LOGIC BD.
ECTOR, 8-PIN, ON AM BOARD
ECTOR ASM., 7-WIRE
ON, ON DISPLAY BD.

ECTOR, 7-PIN, ON LOGIC BD.
ECTOR ASM., 11-WIRE,
ON, ON DISPLAY BD.
ECTOR, 11-PIN, ON LOGIC BD.
ECTOR ASM., 10-WIRE,
ON, ON LOGIC BD.
ECTOR, 10-PIN, ON
CH BOARD

ECTOR ASM., 5-WIRE,
O TO LOGIC
ECTOR, 5-PIN, ON
IC BOARD

ECTOR ASM., 6-WIRE, AUDIO
ECTOR, 6-PIN, ON LOGIC BD.
ECTOR ASM., 4-WIRE, AUDIO

ECTOR, 4-PIN, ON AUDIO BD.
ECTOR, TAPE, 5-PIN,
AUDIO BOARD
ECTOR ASM., 4-WIRE, INPUT
OGIC
ECTOR, 4-PIN, ON LOGIC BD.

PARTS LIST NON-CB/ETR

Illus. No.	Service No.	Description	00BET	06CET	06EET	00BET	06CET	06EET	06DET	00BEC	02FEC	06CEC	06EEC
MECHANICAL & MISCELLANEOUS													
X1	* 16006225	CRYSTAL	X	X	X	X	X	X	X	X	X	X	X
	* 16010113	ESCUTCHEON ASM, COMPLETE	X										
	* 16010108	ESCUTCHEON ASM, COMPLETE		X									
	* 16010112	ESCUTCHEON ASM, COMPLETE			X								
	* 16010103	ESCUTCHEON ASM, COMPLETE				X							
	* 16010107	ESCUTCHEON ASM, COMPLETE					X	X					
	* 16010110	ESCUTCHEON ASM, COMPLETE					X						
	* 16009977	ESCUTCHEON ASM, COMPLETE								X	X		
	* 16010106	ESCUTCHEON ASM, COMPLETE										X	
	* 16009975	ESCUTCHEON ASM, COMPLETE											X
I3	16005032	LAMP, BALLAST	X	X	X	X	X	X	X	X	X	X	X
I2	* DS-151	INDICATOR	X	X	X	X	X	X	X			X	X
I1	* DS-152	DISPLAY, 3½ DIGIT	X	X	X	X	X	X	X			X	X
	7898970	PUSHBUTTON	X	X	X	X	X	X	X			X	X
	7898971	PUSHBUTTON, SEEK	X	X	X	X	X	X	X			X	X
	7899375	PUSHBUTTON, SCAN	X	X	X	X	X	X	X			X	X
I2	* DS-835	INDICATOR, FUNCTION, RED									X		
I1	* DS-834	DISPLAY, 3½ DIGIT, RED									X		
	* 16009566	SWITCH AND PUSHBUTTON ASM.	X	X	X	X	X	X	X	X		X	X
	* 16010193	CIRCUIT BOARD, INPUT, 12-PIN	X	X	X	X	X	X	X	X		X	X
	* 1224709	TRANSISTOR MTG. PKG., DS-70, DS-513	X	X	X	X	X	X	X	X		X	X
	* 16011639	SOCKET, ANT.	X	X	X	X	X	X	X	X		X	X
	1224144	BRACKET, 12-PIN CONNECTOR MTG.	X	X	X	X	X	X	X	X	X	X	X
	* 16011752	HARNESS ASM, 4-WIRE, DISPLAY DIM									X		
	1224711	GROUND SPRING PKG., 4/PKG.	X	X	X	X	X	X	X	X		X	X
	1224712	SCREW PKG., SHORT (CASE) 25/PKG.	X	X	X	X	X	X	X	X		X	X
	1224413	TERMINAL PKG. 12-PIN, CONTAINS 15 TERMINALS	X	X	X	X	X	X	X	X	X	X	X
	16012602	BRACKET, PB SWITCH GROUNDING	X	X	X	X	X	X	X	X	X	X	X

CONTROLS AND RESISTORS													
R24	9349022	POTENTIOMETER, 20K, BLEND ADJ.	X	X	X	X	X	X	X	X	X	X	X
R30	9349022	POTENTIOMETER, 20K, SEPARATION ADJ.	X	X	X	X	X	X	X	X	X	X	X
R35	9349445	POTENTIOMETER, 5K, THRESHOLD ADJ.	X	X	X	X	X	X	X	X	X	X	X
R39	16010973	POTENTIOMETER, 2.5K, VCO ADJ.	X	X	X	X	X	X	X	X	X	X	X
R40	16006639	9.09K, 1%, VCO	X	X	X	X	X	X	X	X	X	X	X
	* 16006690	CONTROL, ON-OFF, VOL, TONE, RECALL	X		X	X		X	X	X		X	
	* 16009456	CONTROL, ON-OFF, VOL, TONE, RECALL		X			X		X			X	
	* 16006689	CONTROL, MANUAL TUNE, BAND, FADER		X			X		X			X	
	* 16006688	CONTROL, MANUAL TUNE, BAND, FADER					X		X			X	
	* 16011576	CONTROL, MANUAL TUNE, BAND, FADER								X			
R220	16001068	390 OHM, 1W	X	X	X	X	X	X	X	X	X	X	X
R221	16001067	6.8 OHM, 2W	X	X	X	X	X	X	X	X	X	X	X

DELCO 1980 Series

PARTS LIST NON-CB

Illus. No.	Service No.	Description
INTEGRATED CIRCUITS		
U1	*DM-38	BALANCED MIXER
U2	*DM-111	QUADRATURE DETECTOR/ NOISE SUPPRESSOR
U3	*DM-115	AUDIO PROCESSOR/ STEREO DECODER
U4	DM-88	SYNTHESIZED AM
U5	DM-107	DUAL COMPARATOR
U6	DM-106	VOLTAGE REGULATOR, 8V
U7	DM-92	VOLTAGE REGULATOR, 8V
U8	DM-86	AUDIO GATE
U9	*DM-116	VOLUME, TONE, BALANCE
U10	DM-91	VOLTAGE REGULATOR, 8V
U11	DM-98	BRIDGE AUDIO
U12	DM-98	BRIDGE AUDIO
U13	DM-86	TRANSFER GATE, LIMOUSINE
U14	DM-85	+ 20
U15	DM-104	VOLTAGE REGULATOR, 5V
U16	DM-81	SYNTHESIZER
U17	DM-90	INTEGRATOR
U18	DM-89	CLOCK
U19	DM-65	DRIVER ARRAY
U20	*DM-118	PROGRAMMER
U21	DM-86	TRANSFER GATE
U22	DM-50	PRE-AMP, TAPE
DIODES		
D101, D102 and D103	DS-123	AM VARICAP (MATCHED SET OF 3)
D104	DS-97	ISOLATION
D105	DS-97	AM AUDIO GATE
D106	DS-97	AM AUDIO GATE
D200	DS-31	ISOLATION
D201	DS-31	ISOLATION
D202	DS-31	ISOLATION
D203	DS-31	SPEED-UP
D204	DS-31	SPEED-UP
D205	DS-79	ISOLATION
D206	DS-49	ZENER, 8V
D207	DS-31	TEMPERATURE COMP.
D208	DS-134	ZENER, 14V
D209		thru
D219	DS-31	ISOLATION
D220	DS-31	ISOLATION
D221	DS-31	ISOLATION
D222	DS-131	ISOLATION
D223	DS-31	ISOLATION
D224	DS-31	ISOLATION
D300	DS-97	ISOLATION
VC1	DS-190	VARACTOR, FM ANT
VC2	DS-190	VARACTOR, FM RF
VC3	DS-190	VARACTOR, FM OSC

Illus. No.	Service No.	Description
TRANSISTORS		
Q1	DS-102	FM RF AMP
Q2	DS-94	FM OSC
Q3	DS-66	STOP THRESHOLD
Q4	*DS-116	AM RF AMP, FIRST
Q5	DS-66	AM RF AGC, FIRST
Q6	DS-94	AM OSC
Q7	DS-94	BUFFER
Q8	DS-66	AM RF AMP, SECOND
Q9	DS-66	AM AUDIO PRE-AMP
Q10	DS-66	AM AGC CONTROL
Q11	DS-66	DIM CONTROL
Q12	DS-70	DISPLAY REGULATOR
Q13	DS-60	DIGIT DRIVER
Q14	DS-60	DIGIT DRIVER
Q15	DS-60	DIGIT DRIVER
Q16	DS-60	DIGIT DRIVER
Q17	DS-66	PLL DAMPER
Q18	DS-66	ENABLE
Q19	DS-60	SCAN INDICATOR
Q20	DS-83	RECALL
Q21	DS-83	MOTOR PRE-AMP
Q22	DS-66	MOTOR AMP
Q23	DS-513	MOTOR CONTROL
Q501	DS-66	AUDIO AMP
Q502	DS-66	AUDIO AMP
COILS & TRANSFORMERS		
CF1 and CF2	7897580	CERAMIC FILTER, 10.7 MHZ
CF3	16004160	CERAMIC FILTER, AM
L1	16001130	COIL, FM ANT.
L2	16001129	COIL FM, OSC
L3	16005269	COIL, ANTENNA MATCHING
L4	7898999	COIL, DUAL, HIGH-PASS
L5	7898999	COIL, DUAL, AUDIO DELAY
L10	*16009760	CHOKE, FILTER, A +
L100	7934553	CHOKE, AM
L200	16001074	CHOKE, RF
T1	16008568	TRANSFORMER, FM RF
T2	*16011600	TRANSFORMER, FM MIXER
T3	9346543	TRANSFORMER, FM PHASE
T4	16008685	TRANSFORMER, AM FIRST RF
T5	16006685	TRANSFORMER, AM SECOND RF
T6	16004006	TRANSFORMER, AM OSC
T7	16008198	TRANSFORMER, AM IF

*PARTS FIRST USED IN 1980