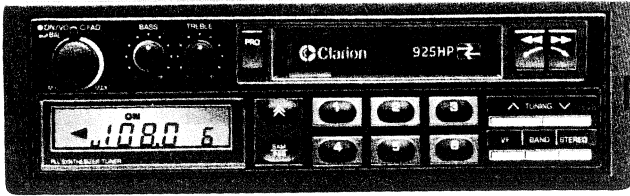


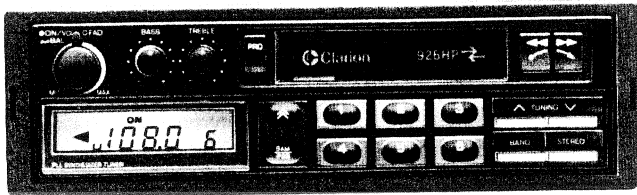


Clarion Co., Ltd.
 Export Division--22-3, Shibuya 2-chome, Shibuya-ku, Tokyo, 150 Japan
 Tel: 03-400-1121 Fax: 03-400-8679 Telex: J22908, J22152
 Service Dept--50 Kamitoda, Toda-shi, Saitama, 335 Japan Tel: 0484-43-1111 Telex: J2962628 CLAFAC-J

Service Manual



925HP



926HP

**FM·MPX/MW/LW RADIO
 CASSETTE COMBINATION**

Model **925HP** (PE-9174A-A)
926HP (PE-9175A-A)

■ SPECIFICATIONS:

Radio section

Circuit system: Superheterodyne
 Tuning system: Electronic tuning
 Receiving frequency: LW 153kHz to 281kHz
 MW 531kHz to 1,602kHz
 UKW(FM) 87.5MHz to 108MHz
 Intermediate frequency: LW, MW 459kHz
 UKW(FM) 10.7MHz

Tape section

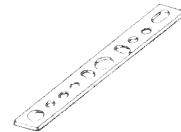
Reproduction system: Auto reversing
 4 track, 2 channel stereo
 cassette tape playback
 (Monaural also capable)
 Tape speed: 4.76cm/sec. (1 7/8 ips)

Composite

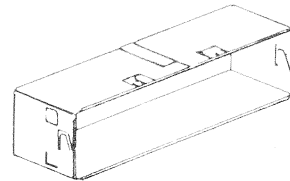
Load impedance: 4Ω×2
 Power output: 18W×2
 Power supply voltage: DC 14.4V
 (10.8V to 15.6V)
 Negative ground
 Power consumption: Less than 5A
 (at max. output)
 Dimensions: Width 177.5mm
 Height 50mm
 Depth 153.4mm
 Weight: 1.4kg

■ COMPONENTS:

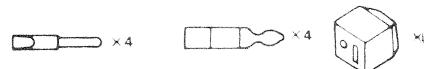
- 925HP (PE-9174A-A)
- 926HP (PE-9175A-A)
- Main unit 1
- Mounting bracket 300-6954-00 1



- Mounting bracket 300-7110-00 1



- Extension lead (925HP) 852-974300 1
- Extension lead (926HP) 852-962101 1
- Parts bag 921-802200 1
- Hook plate 330-821600 2
- Cushion 345-293400 1
- Rubber cap 345-365301 1
- Tap screw 700-501610 1
- Nut 722-031400 1
- Plate nut 725-018100 1
- Parts bag (925HP) 921-820300 1



- Parts bag 922-147000 1
- { Escutcheon 370-398100 1

FEATURES:

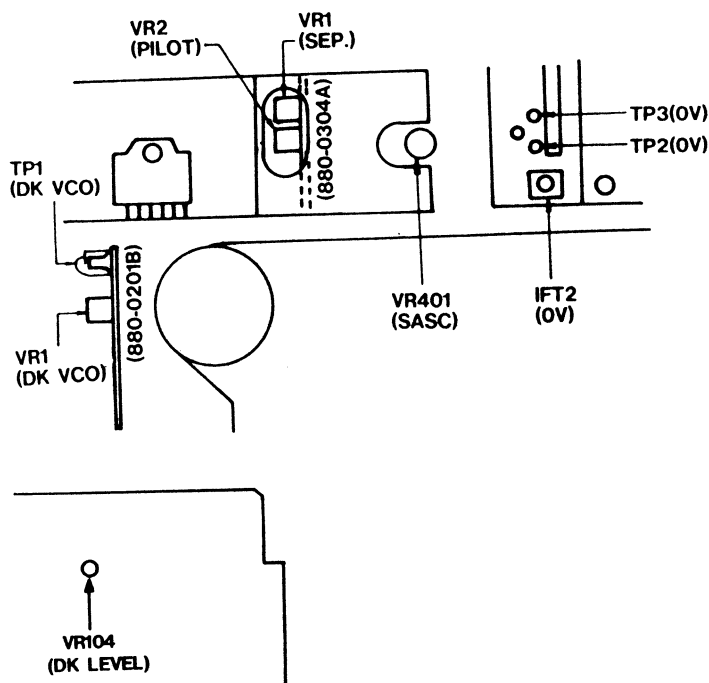
- SAM for FM (6FM) Signal Auto Memory.
- 1-Way SEEK & Manual Tuning.
- Auto DX/LO for SEEK.
- Dual Direction Azimuth.
- FADER, BASS/TREBLE.
- High Power.
- Provided Radio Traffic Information (VF). (925HP)

ADJUSTMENT:

Adjustment item	Adjustment point	Procedure
OV fine adjustment	IFT2	<ol style="list-style-type: none"> 1. Tune 98.1MHz and input a 55dB non-modulated SSG signal. 2. Connect a digital volt meter between TP2 ⊕ and TP3 ⊖. 3. Adjust IFT2 so that the voltage between TP2 and TP3 is $0V \pm 30mV$. 4. May adjust OV by receiving weak broadcasting signal.
SASC	VR401	<ol style="list-style-type: none"> 1. Tune at 98.1MHz, input an 65dB, 7kHz modulation frequency, 30% modulation degree SSG signal, and then turn on ST. SW. 2. Adjust the output level of the volume controller to 0dBm (0.775V). 3. Set the SSG output to 38dB and adjust VR401 so that the output level is -2dB.
MPX	Separation VR1 (880-0304A)	<ol style="list-style-type: none"> 1. Tune at 98.1MHz, connect the output of a stereo modulator to the external modulation terminal, and input a 65dB SSG signal. 2. Set the stereo modulator to the L or R ch and adjust VR1 so that the maximum separation is obtained.
	Pilot canceller VR2 (880-0304A)	<ol style="list-style-type: none"> 1. Tune at 98.1MHz, input a 55dB, modulation (PL 10%). 2. Adjust VR2 so that output of the set is minimum.
DK VCO (925HP)	VR1 (880-0201B)	<ol style="list-style-type: none"> 1. Tune at 98.1MHz 100% (Main + PL + DK + SK + BK) modulated SSG signal, and turn on VF. SW. 2. Connect the frequency counter to TP1 and adjust VR1 so that the counter indicates 125Hz. In the case.
DK level (925HP)	VR104	<ol style="list-style-type: none"> 1. Tune at 98.1MHz 10% modulated SSG signal, and turn on VF. SW. 2. At the time of minimum sound volume, adjust VR104 to make the speaker output 0.775V.

- SPECIFICATION -LIMIT- Quieting sensitivity: MW Less than 33dB (at 20dB S/N)
LW Less than 40dB (at 20dB S/N)
UKW Less than 15dB (at 30dB S/N)
- Stereo separation: UKW More than 20dB

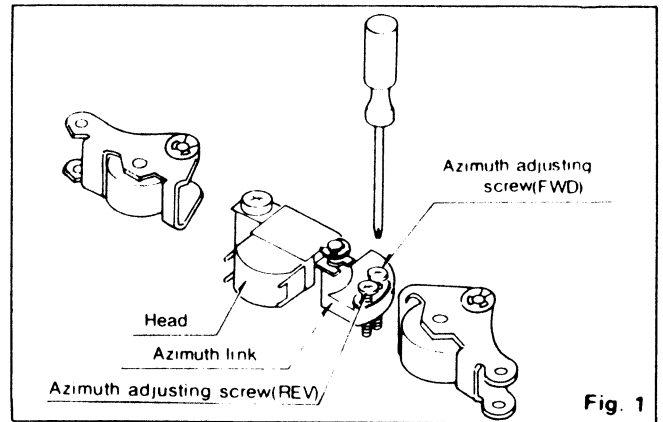
ADJUSTMENT POINT



< TAPE MECHANISM >

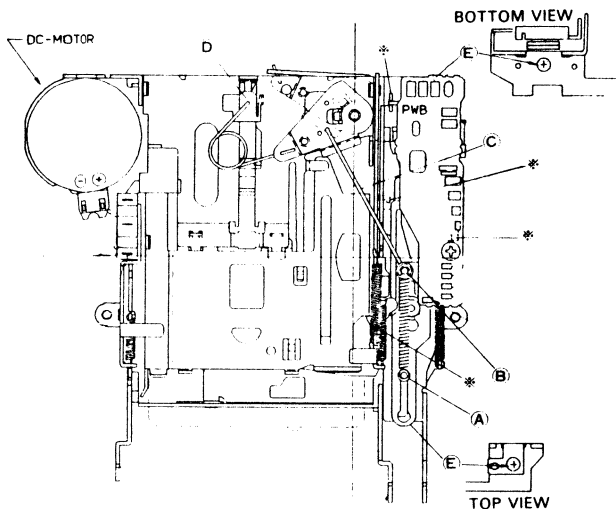
1. Head-azimuth Adjustment

Make playback for the azimuth-tape (8kHz, -10VU), and turn each azimuth-adjusting screw to make each FWD & REV maximum. After adjustment, make adhesion with bond.



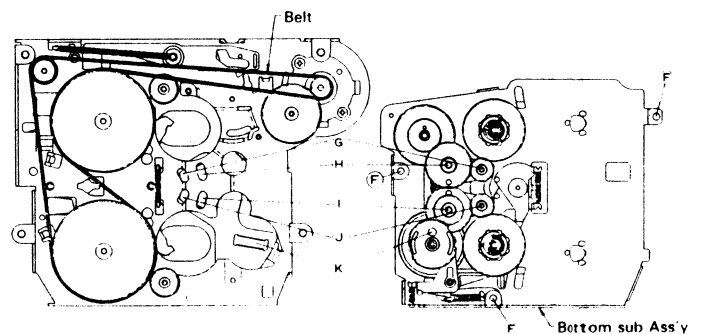
① Method of installing/removing frame sub-ass'y

(This removing enables you to exchange the head.)



1. Remove spring (A).
2. Remove E-ring (B).
3. Remove eject rod spring (C).
4. Drop pack guide (D).
5. Remove machine screw (E) (2 pcs.) fixing the frame sub-ass'y, and remove the sub-ass'y upward.
6. After exchanging the head, install the head in the opposite way to above.
(Furthermore, make sure to engage 4 clicks, marked with "*", with one another.)

② Method of Exchanging Belt



1. Remove screw (F) (3 pcs.) so that the bottom sub-ass'y can be removed, and exchange the belt.
2. In installing, make sure to engage clicks (G), (H), (I), (J) and (K) with one another.

■ EXPLANATION OF IC's:

REFER TO THE EXPLANATION OF IC's VOL. 1 & VOL. 2.

■ PARTS LIST:

⊙ Electrical section

⊙ MAIN P.W.B

REF.NO.	PART NO.	DESCRIPTION	Q'TY
D ^{202,303,401,402} D _{303,503} 506-516	001-0330-00	Diode (1SS119)	17
D ₃₀₄	001-0334-00	Diode (DSA17B)	1
D ^{304,505}	001-0360-00	Diode (S5566B)	2
D ₄₀₄	001-0423-12	Diode (MA4030)	1
D ₅₀₂	001-0423-19	Diode (MA4056)	1
D ₃₀₁	001-0423-22	Diode (MA4075)	1
D ₄₀₅	001-0423-23	Diode (MA4082)	1
D ₅₀₁	001-0423-24	Diode (MA4091)	1
L ₃₀₁	009-0642-00	Choke	1
L ₄₀₁	010-2046-17	Coil	1
VR ₁₀₄	012-3808-05	Variable resistor (4.7kΩ VR)	1
VR ₄₀₁	012-3808-11	Variable resistor (220kΩ VR)	1
C ₅₀₂	042-0201-00	Electrolytic capacitor (16V3.3μF TAN)	1
C ₃₀₈	042-0348-00	Electrolytic capacitor (16V2200μF)	1
CCT ₅₀₁	050-0077-00	Component circuit	1
IC ₃₀₂	051-0158-00	IC (TC4016BP)	1
IC ₃₀₁	051-0301-02	IC (M51522AL)	1
IC ₃₀₃	051-0606-01	IC (KC-819)	1
IC ₅₀₁	051-0731-00	IC (μPD1708G-219-03)	1
SUP ₁₀₁	060-0122-00	Surge protector	1
X ₅₀₁	061-1053-00	Crystal-OSC	1
Q ^{407,509,511,512}	100-1175-00	Transistor (2SA1175)	4
Q ^{102,202,301,401} Q ^{405,409,503,504} 505,506,507,508	102-2458-00	Transistor (2SC2458)	12
Q ^{402,501,502} 510,513	102-2458-51	Transistor (2SC2458GR,BL)	5
Q ₄₀₈	102-3400-00	Transistor (2SC3400AC)	1
Q ₄₀₆	103-1227-00	Transistor (2SD1227)	1
Q ^{302,403,404}	103-1450-00	Transistor (2SD1450)	3
Q ₅₀₄	125-2003-04	Transistor (RN1204)	1

REF.NO.	PART NO.	DESCRIPTION	Q'TY
R ₃₁₀	114-5601-21	Film resistor (2W56Ω) OM	1
C ₄₀₄	160-8212-05	Ceramic capacitor (820pF B) HD	1
C ^{101,201,402,403}	171-1023-06	Ceramic capacitor (1000pF SR) SC	4
C ^{501,503,505}	171-1033-06	Ceramic capacitor (0.01μF SR) SC	3
C ^{307,401,405,406} 490	171-2233-06	Ceramic capacitor (0.022μF) SC	5
C _{110,210}	171-4723-06	Ceramic capacitor (0.0047μF) SC	2
C ₄₁₀	171-4733-06	Ceramic capacitor (0.047μF) SC	1
C ₃₀₆	173-1042-10	Polyester capacitor (0.1μF) S	1
C _{104,204}	173-6822-10	Polyester capacitor (8800pF) S	2
C _{510,511}	174-2200-13	Ceramic capacitor (22pF CH) TC	2
C ₅₀₆	179-1073-22	Electrolytic capacitor (10V100μF) S	1
C ₅₀₉	179-1083-23	Electrolytic capacitor (10V1000μF) S	1
C ₃₀₄	179-2263-32	Electrolytic capacitor (16V22μF) S	1
C ₃₀₂	179-2273-33	Electrolytic capacitor (16V220μF) S	1
C ₅₀₈	179-4773-23	Electrolytic capacitor (10V470μF) S	1
C ^{106,107,206,207} 407,408	182-1053-62	Electrolytic capacitor (50V1μF) SS	6
C ^{108,109,208,209}	182-1063-32	Electrolytic capacitor (16V10μF) SS	4
C _{301,409}	182-1073-22	Electrolytic capacitor (10V100μF) SS	2
C ₃₀₃	182-1073-32	Electrolytic capacitor (16V100μF) SS	1
C _{111,211}	182-2243-62	Electrolytic capacitor (50V0.22μF) SS	2
C ^{102,105,202,205}	183-1053-62	Electrolytic capacitor (50V1μF) USS	4
C ₄₁₂	183-1063-32	Electrolytic capacitor (16V10μF) USS	1
C _{112,212}	183-1553-62	Electrolytic capacitor (50V1.5μF) USS	2
C ^{413,509}	183-2253-62	Electrolytic capacitor (50V2.2μF) USS	2
C _{301,305}	183-2263-32	Electrolytic capacitor (16V22μF) USS	2
C ₅₀₇	183-3343-62	Electrolytic capacitor (50V0.33μF) USS	1
C ₄₁₁	183-4743-62	Electrolytic capacitor (50V0.47μF) USS	1
C ^{103,203}	183-4763-32	Electrolytic capacitor (16V47μF) USS	2

⊙ FM TUNER BLOCK Ass'y 880-1406F

REF.NO.	PART NO.	DESCRIPTION	Q'TY
D ^{101,102,103}	001-0384-00	Diode (1SV103)	3
IFT ₁	005-0944-00	IF transformer (FM-MIX)	1
CF _{1,2}	005-0967-00	IF-transformer (FM-10 7CF)	2
IFT ₂	005-0976-00	IF-transformer (FM-IF)	1
L ₁₀₂	010-2082-00	Coil (RF)	1
L ₁₀₃	010-2083-01	Coil (RF)	1
L ₁₀₁	010-2111-01	Coil (ANT)	1
L ₁₀₄	010-2123-00	Coil (OSC COIL)	1
IC ₁₀₁	051-0356-00	IC (AN7254)	1
IC ₁₀₂	051-0798-20	IC (TA7411AP)	1
Q ₂	102-2668-25	Transistor (2SC2668Y)	1
Q ₁	124-0114-15	FET (3SK1140)	1
R ₁₂₀	116-2431-10	Chip resistor ($\frac{1}{4}$ W24kΩ)	1
R ₁₀₂	116-1041-10	Chip resistor ($\frac{1}{4}$ W100kΩ)	1
R ₁₀₉	116-2231-10	Chip resistor ($\frac{1}{4}$ W22kΩ)	1
R ₁₀₄	116-6831-10	Chip resistor ($\frac{1}{4}$ W68kΩ)	1
R ₁₀₈	117-1041-10	Chip resistor ($\frac{1}{4}$ W100kΩ) S	1

REF.NO.	PART NO.	DESCRIPTION	Q'TY
R ₁₁₈	117-1231-10	Chip resistor ($\frac{1}{4}$ W12kΩ) S	1
R ₁₁₄	117-1511-10	Chip resistor ($\frac{1}{4}$ W150Ω) S	1
R ₁₂₁	117-1521-10	Chip resistor ($\frac{1}{4}$ W1.5kΩ) S	1
R ₁₁₂	117-1831-10	Chip resistor ($\frac{1}{4}$ W18kΩ) S	1
R ₁₀₇	117-2211-10	Chip resistor ($\frac{1}{4}$ W220Ω) S	1
R ^{111,115}	117-3311-10	Chip resistor ($\frac{1}{4}$ W330Ω) S	2
R ₁₁₃	117-3941-10	Chip resistor ($\frac{1}{4}$ W390kΩ) S	1
R ₁₀₆	117-4701-10	Chip resistor ($\frac{1}{4}$ W47Ω) S	1
R ₁₁₉	117-3931-10	Chip resistor ($\frac{1}{4}$ W39kΩ) S	1
R ₁₀₃	117-6831-10	Chip resistor ($\frac{1}{4}$ W68kΩ) S	1
C ₁₁₈	160-1022-05	Ceramic capacitor (1000pF) HD	1
C ₁₂₀	171-1033-06	Ceramic capacitor (0.01μF) SC	1
C ^{107,110,129}	171-2233-06	Ceramic capacitor (0.022μF) SC	3
C ₁₁₁	174-1010-13	Ceramic capacitor (100pF CH) TC	1
C ₁₁₃	174-1200-13	Ceramic capacitor (12pF CH) TC	1
C ₁₀₁	175-1001-00	Ceramic chip capacitor (10pF CH) TC	1
C ₁₀₆	175-4096-00	Ceramic chip capacitor (4pF CH) TC	1

REF NO	PART NO.	DESCRIPTION	Q'TY
C ₁₀₂	175-5096-00	Ceramic chip capacitor (5pF CH) TC	1
C _{103,126}	176-1007-00	Ceramic chip capacitor (10pF CH) TC,S	2
C ₁₀₈	176-4096-00	Ceramic chip capacitor (4pF CH) TC,S	1
C ₁₁₇	176-1096-00	Ceramic chip capacitor (1pF CH) TC,S	1
C ₁₁₄	176-1201-00	Ceramic chip capacitor (12pF CH) TC,S	1
C ₁₃₁	176-2211-00	Ceramic chip capacitor (220pF) TC,S	1
C ₁₁₆	176-3301-00	Ceramic chip capacitor (33pF CH) TC,S	1

REF.NO.	PART NO.	DESCRIPTION	Q'TY
C _{112,119}	176-6097-00	Ceramic chip capacitor (6pF CH) TC,S	2
C _{105,119,121,122,127}	178-1032-05	Ceramic chip capacitor (0.01μF) HD,S	5
C ₁₀₄	178-2232-05	Ceramic chip capacitor (0.022μF) HD,S	1
C _{109,125,130}	182-1053-62	Electrolytic capacitor (50V1μF) SS	3
C ₁₂₄	182-1063-32	Electrolytic capacitor (16V10μF) SS	1
C ₁₂₅	182-2253-62	Electrolytic capacitor (50V2.2μF) SS	1
C ₁₂₈	182-4763-32	Electrolytic capacitor (16V47μF)	1

◎NC/MPX BLOCK Ass'y 880-0304A

REF.NO.	PART NO.	DESCRIPTION	Q'TY
VR ₁	012-3707-05	Variable resistor (VR10kΩ)	1
VR ₂	012-3707-08	Variable resistor (VR100kΩ)	1
CCT ₁	050-0099-50	Component circuit	1
IC ₁	051-0407-00	IC (LA2110)	1
IC ₂	051-0733-01	IC (LA3430)	1
X ₁	060-0115-02	Ceramic resonator	1
Q ₁	102-2458-49	Transistor (2SC2458-YGR)	1
R _{2,12}	117-1041-10	Chip resistor (1/4W100kΩ) S	2
R _{8,9}	117-2221-10	Chip resistor (1/4W2.2kΩ) S	2
R ₁₄	117-2231-10	Chip resistor (1/4W22kΩ) S	1
R ₆	117-3331-10	Chip resistor (1/4W33kΩ) S	1
R ₁₀	117-3921-10	Chip resistor (1/4W3.9kΩ) S	1
R ₁	117-4721-10	Chip resistor (1/4W4.7kΩ) S	1
R _{4,11,13}	117-5621-10	Chip resistor (1/4W5.6kΩ) S	3

REF.NO.	PART NO.	DESCRIPTION	Q'TY
R ₅	117-6821-10	Chip resistor (1/4W6.8kΩ) S	1
R ₃	117-8211-10	Chip resistor (1/4W820Ω) S	1
C ₆	171-2223-06	Ceramic capacitor (0.0022μF) SC	1
C ₁₆	171-3333-06	Ceramic capacitor (0.033μF) SC	1
C ₇	171-4733-06	Ceramic capacitor (0.047μF) SC	1
C _{2,3}	178-1032-05	Ceramic chip capacitor (0.01μF) HD,S	2
C ₁₀	178-2232-05	Ceramic chip capacitor (0.022μF) HD,S	1
C ₉	178-4722-05	Ceramic chip capacitor (0.0047μF) HD,S	1
C _{4,15}	178-6822-05	Ceramic chip capacitor (0.0068μF) HD,S	2
C _{11,12}	182-1053-62	Electrolytic capacitor (50V1μF) SS	2
C ₁₄	182-1063-32	Electrolytic capacitor (16V10μF) SS	1
C ₁₃	182-2243-62	Electrolytic capacitor (50V0.22μF) SS	1
C ₅	182-2263-32	Electrolytic capacitor (16V2.2μF) SS	1
C _{1,8}	182-4753-52	Electrolytic capacitor (35V4.7μF) SS	2

◎SDK P.W.B 880-0201B

REF.NO.	PART NO.	DESCRIPTION	Q'TY
VR ₁	012-3707-05	Variable resistor (VR-10kΩ)	1
CCT ₁	050-0103-00	Component circuit (TCB06T0006)	1
IC ₂	051-0501-00	IC (LA3365)	1
IC ₁	051-0739-00	IC (LA2220)	1
X ₁	060-0115-01	Ceramic resonator (CBS456F11)	1
C ₂	171-4733-06	Ceramic capacitor (0.047μF)	1
C ₁₅	172-6831-20	Polyester capacitor (0.068μF)	1
C _{3,8}	042-0249-00	Electrolytic capacitor (16V0.22μF TAN)	2
C ₁₄	182-1053-62	Electrolytic capacitor (50V1μF)	1

REF.NO.	PART NO.	DESCRIPTION	Q'TY
C _{3,11,16}	182-1063-32	Electrolytic capacitor (16V10μF)	3
C ₉	182-1073-12	Electrolytic capacitor (6.3V100μF)	1
C ₁	182-1073-22	Electrolytic capacitor (10V100μF)	1
C ₇	182-2263-22	Electrolytic capacitor (10V22μF)	1
C ₆	182-3343-62	Electrolytic capacitor (50V0.33μF)	1
C ₁₂	183-6863-22	Electrolytic capacitor (10V68μF)	1
C ₄	182-4743-62	Electrolytic capacitor (50V0.47μF)	1
C ₁₃	182-4753-52	Electrolytic capacitor (35V4.7μF)	1
C ₁₀	182-4763-22	Electrolytic capacitor (10V47μF)	1

◎POWER P.W.B

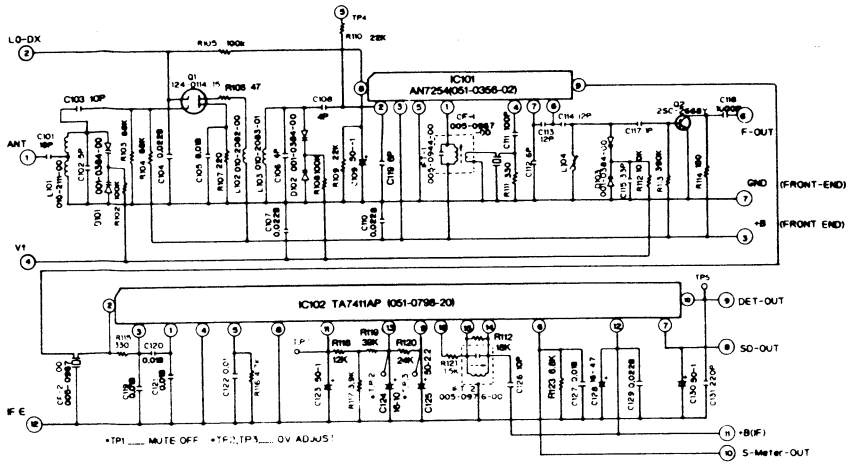
REF.NO.	PART NO.	DESCRIPTION	Q'TY
D _{1,3}	001-0330-00	Diode (1SS119)	2
D ₂	001-0377-44	Diode (MA4082M)	1
C ₁₆	042-0348-00	Electrolytic capacitor (16V2200μF)	1
IC _{1,2}	051-0735-02	IC (TA7274P-CL)	2
Q _{2,3}	102-2458-00	Transistor (2SC2458)	2
Q _{1,4}	103-1225-50	Transistor (2SD1225)	2

REF.NO.	PART NO.	DESCRIPTION	Q'TY
C _{2,10}	160-1022-05	Ceramic capacitor (1000pF B)HD	2
C _{5-7,13-15}	173-2242-10	Polyester capacitor (0.22μF) S	6
C _{4,12}	179-2273-23	Electrolytic capacitor (10V220μF) S	2
C ₈	179-2273-33	Electrolytic capacitor (16V220μF) S	1
C ₁₇	182-1073-22	Electrolytic capacitor (10V100μF) SS	1
C _{1,3,9,11}	182-4753-52	Electrolytic capacitor (35V4.7μF) SS	4

Note : OM (Oxidized Metal)
 S (Small)
 HD (Higher Dielectric)
 SC (Semi-Conductor)
 SS (Super Small)
 TC (Temperature-Compensating)
 LL (Low Leak)
 USS (Ultra Super Small)

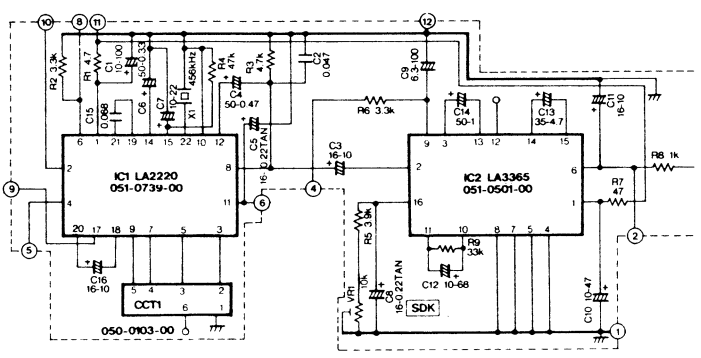
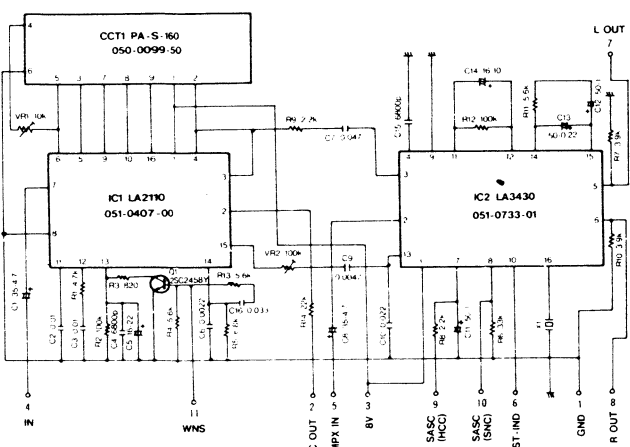
BLOCK CIRCUIT DIAGRAM:

FM TUNER BLOCK Ass'y 880-1406F

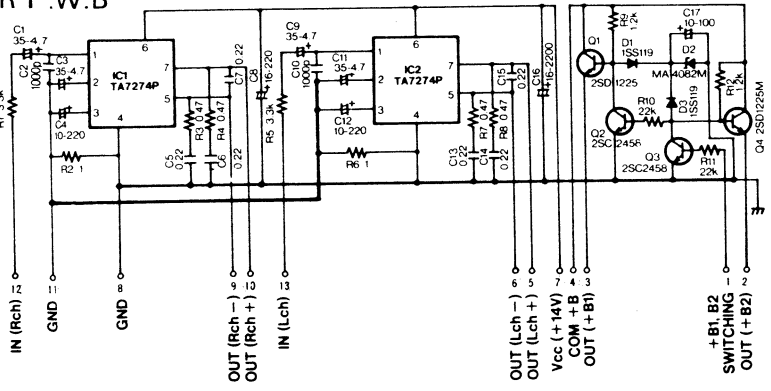


NC/MPX BLOCK Ass'y 880-0304A

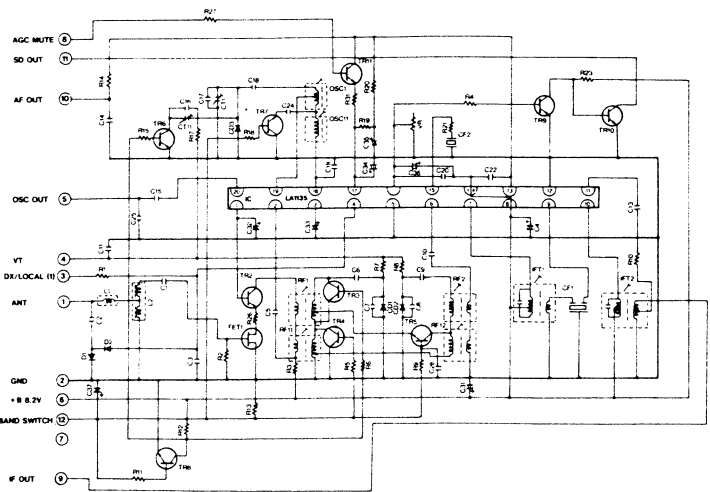
SDK BLOCK Ass'y 880-0201B



POWER P.W.B

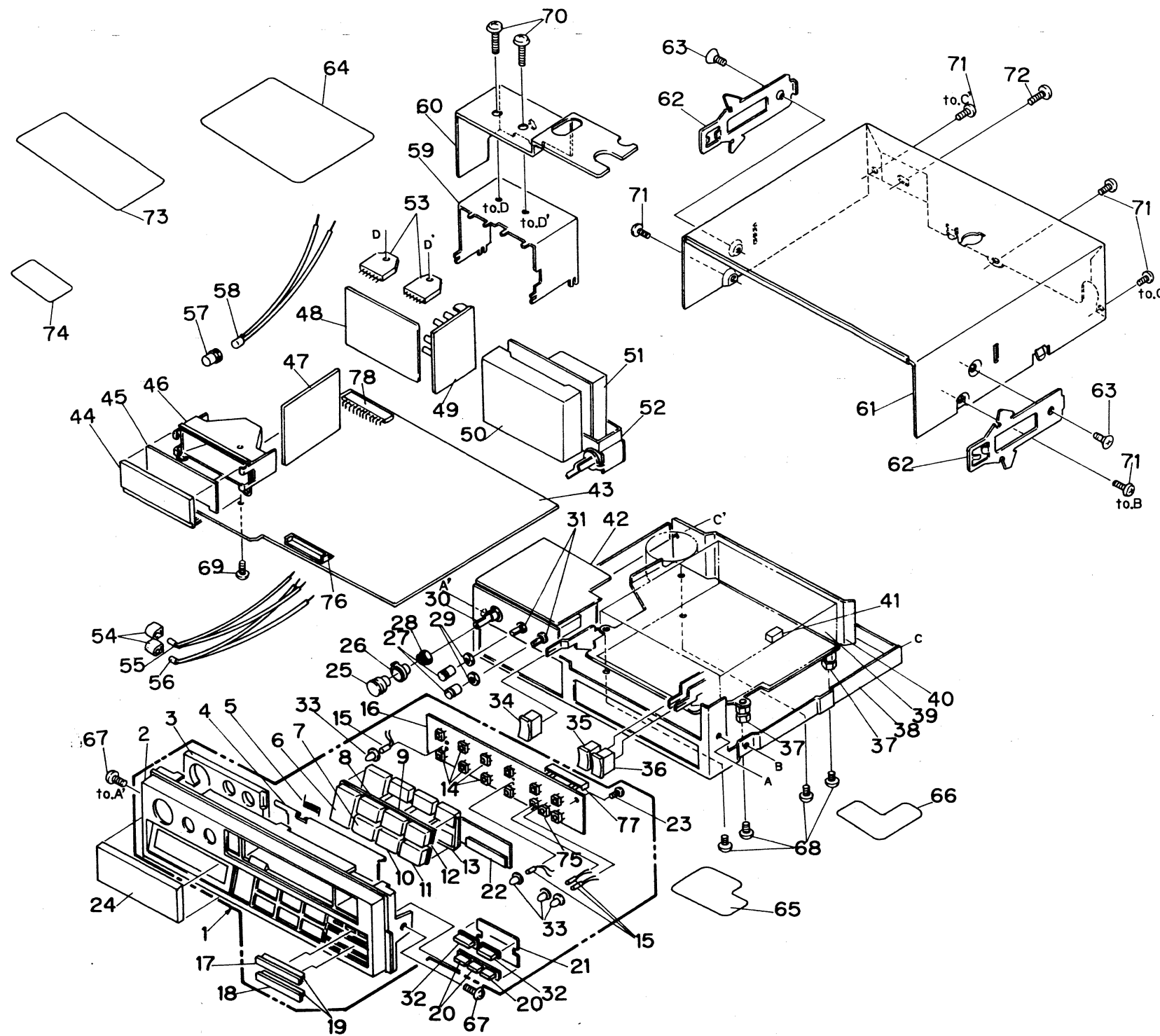


MW/LW TUNER PACK: 941-0159-02



EXPLODED VIEW · PARTS LIST:

©Main section



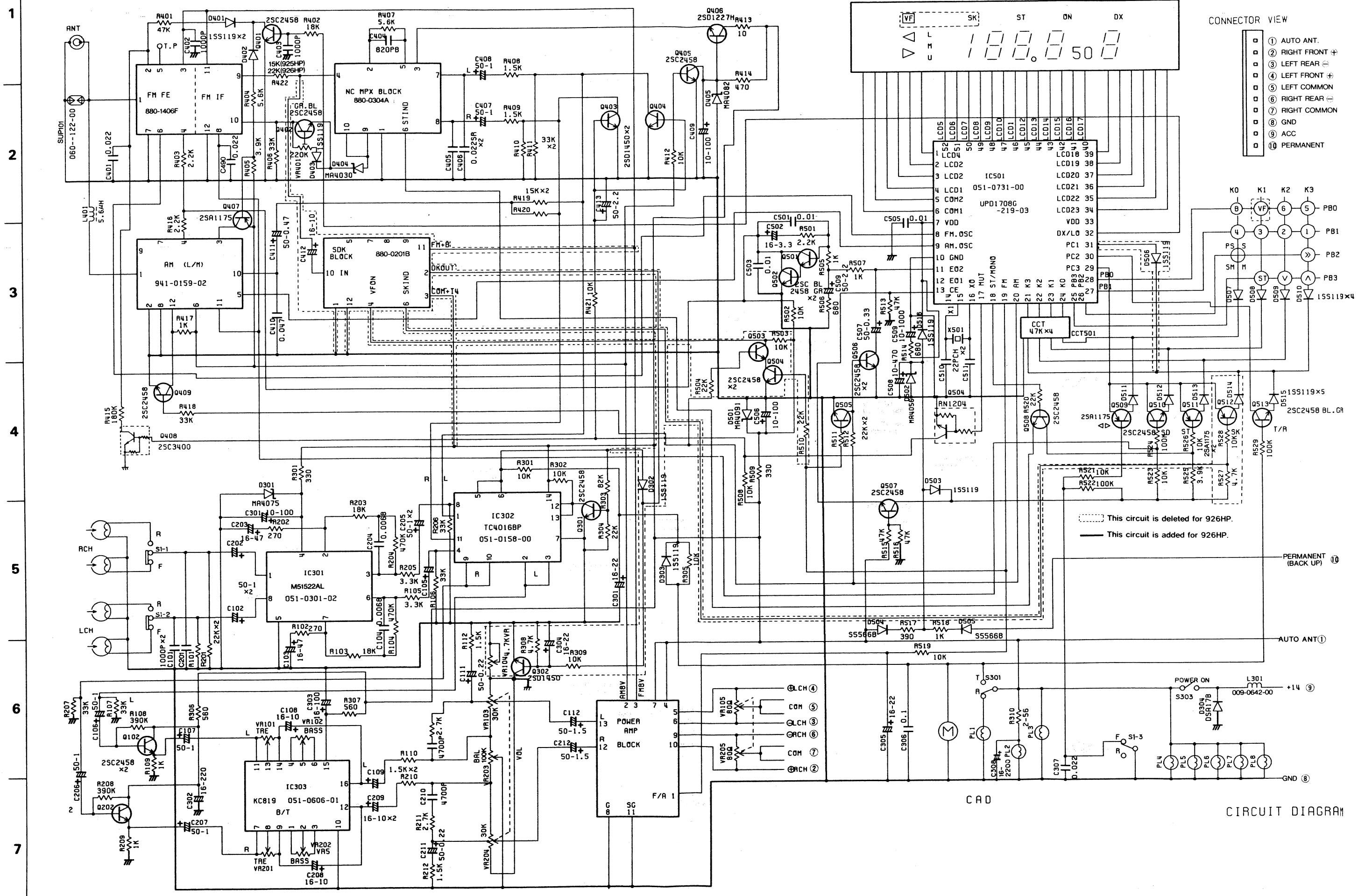
REF.NO.	PART NO.	DESCRIPTION	Q'TY
1	940-0778A	Escutcheon ass'y (926HP)	1
	940-0777A	Escutcheon ass'y (925HP)	
2	370-3996-00	Escutcheon	1
3	335-2426-00	Illumi. plate	1
4	320-0401-06	Dust proof cover (926HP)	1
	320-0401-05	Dust proof cover (925HP)	
5	750-2626-00	Spring	1
6	382-1256-02	Button (A · SAM)	1
7	382-1257-07	Button (4)	1
8	382-1257-00	Button (1)	1

REF.NO.	PART NO.	DESCRIPTION	Q'TY
9	382-1257-01	Button (2)	1
10	382-1257-08	Button (5)	1
11	382-1257-10	Button (6)	1
12	382-1257-06	Button (3)	1
13	347-2338-00	Conductor	1
14	013-3694-00	Switch	12
15	017-0377-00	Pilot lamp (16V 38mA)	4
16	099-8003-00	SW-P.W.B (926HP)	1
	099-8002-00	SW-P.W.B (925HP)	
17	378-0104-10	Badge (∨ ^)	1

REF.NO.	PART NO.	DESCRIPTION	Q'TY
18	378-0104-09	Badge (926HP)	1
	378-0104-11	Badge (925HP)	
19	347-2335-00	Double face	2
20	382-1261-00	Button (925HP)	3
21	347-2336-00	Film	1
22	345-4410-00	Shade	1
23	716-0648-00	Screw	1
24	373-0480-04	Dial cover	1
25	380-4832-00	Knob (VOL)	1
26	380-4831-00	Knob (FADER)	1

REF.NO.	PART NO.	DESCRIPTION	Q'TY
27	380-4830-00	Knob (BASS/TRE)	2
28	722-0370-00	Nut (VOL/FAD)	1
29	722-0433-00	Nut (B/T)	2
30	012-4588-01	Volume (VOL/FAD)	1
31	012-4578-00	Volume (B/T)	2
32	382-1260-00	Button (926HP) (925HP)	4 2
33	345-4441-01	P.L. cap	4
34	382-1255-00	Button (PRO)	1
35	382-1254-00	Button (REW)	1
36	382-1253-00	Button (FF)	1
37	716-0375-00	Screw (MECHA)	4
38	311-1271-01	Lower case	1
39	930-0552-12	Mechanism	1
40	330-8574-00	Shilde case	1
41	345-4438-00	Spacer	1
42	099-8001-00	VOL-P.W.B	1
43	099-8001-00	MAIN-P.W.B	1
44	379-0154-00	Indicator	1
45	347-2337-00	Film	1
46	335-2460-00	LCD holder	1
47	880-0201B	SDK BLOCK (925HP)	1
48	099-7868-00	P.W.B (Power)	1
49	880-0304A	NC MPX BLOCK	1
50	941-0159-02	MW/LW tuner	1
51	880-1406F	FM Tuter block	1
52	092-0599-02	Antenna receptacle	1
53	051-0735-02	Power IC	1
54	345-3922-02	P.L. cap	2
55	017-0377-03	Pilot lamp	1
56	017-0377-01	Pilot lamp (16V 38mA)	1
57	345-3667-11	P.L. cap	1
58	017-0346-03	Pilot lamp (8V 100mA)	1
59	330-8524-00	IC holder	1
60	313-1283-01	Heat sink	1
61	310-1310-00	Upper case	1
62	750-2486-00	Spring	2
63	714-3006-41	Machine screw (M3x6)	2
	286-6009-00	Set plate (926HP)	
64	286-6010-00	Set plate (925HP)	1
	347-2343-00	Ladel	
65	347-2343-00	Ladel	1
66	347-2342-00	Label	1
67	714-3004-80	Machine screw (M3x4)	2
68	714-3005-81	Machine screw (M3x5)	4
	702-2606-80	Tap screw (2.6x6)	
69	702-2606-80	Tap screw (2.6x6)	1
70	714-2608-81	Machine screw (M2.6x8)	2
71	731-3006-80	Tap tight (M3x6)	5
72	714-3008-80	Machine screw (M3x8)	1
73	285-0915-00	Guide label	1
74	285-1199-00	Guide label (LOCK PIN)	1
75	013-3694-00	Switch (925HP)	1
76	076-0277-10	Plug	1
77	852-9632-00	Extension lead	1
78	076-0310-10	Plug	1

CIRCUIT DIAGRAM:



- CONNECTOR VIEW
- ① AUTO ANT.
 - ② RIGHT FRONT +
 - ③ LEFT FRONT +
 - ④ LEFT FRONT -
 - ⑤ LEFT COMMON
 - ⑥ RIGHT REAR +
 - ⑦ RIGHT COMMON
 - ⑧ GND
 - ⑨ ACC
 - ⑩ PERMANENT

--- This circuit is deleted for 926HP.
 ——— This circuit is added for 926HP.

PERMANENT (BACK UP) ⑩

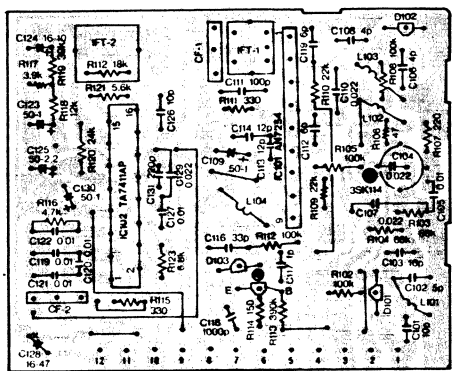
AUTO ANT ①

POWER ON S303

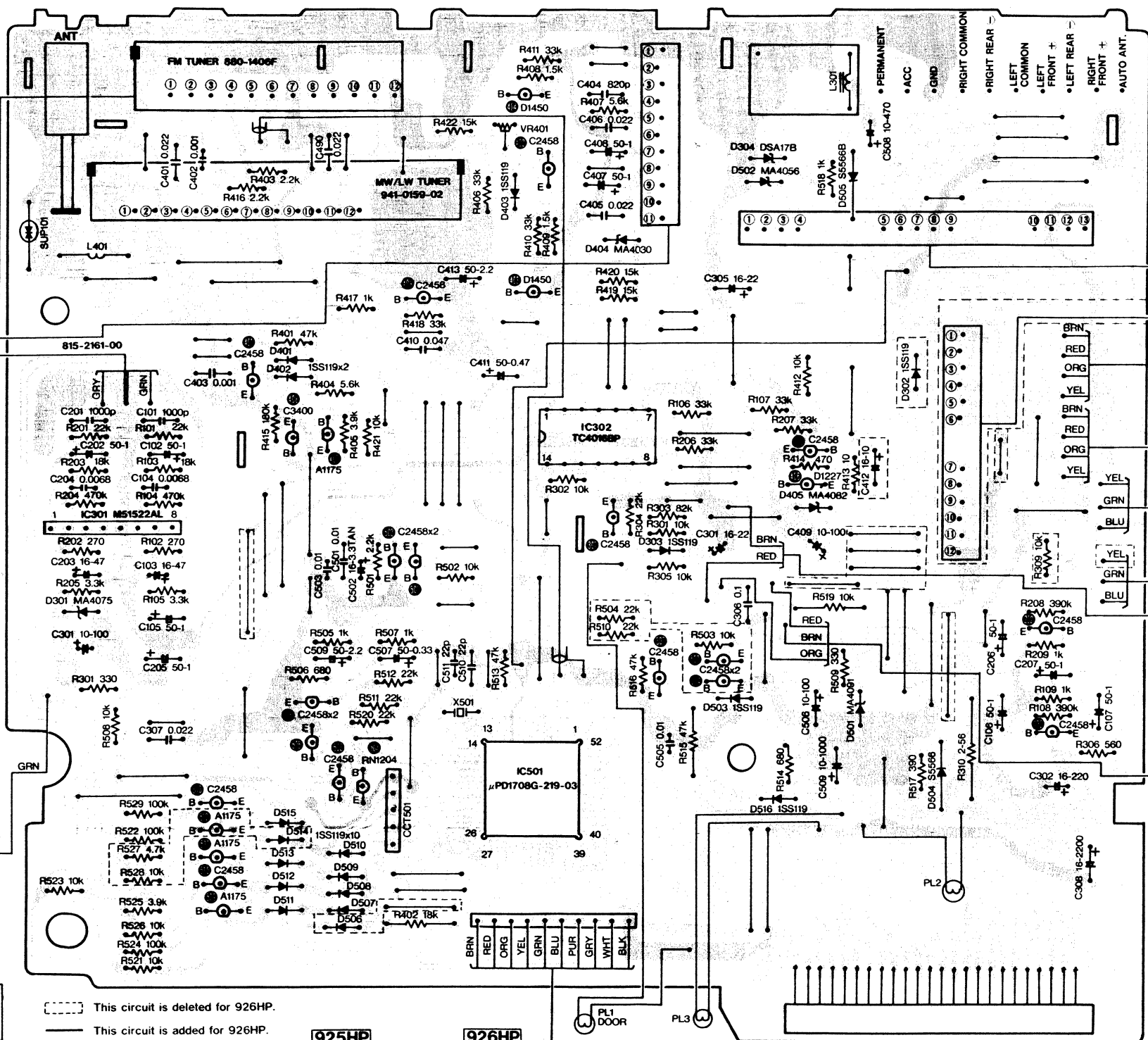
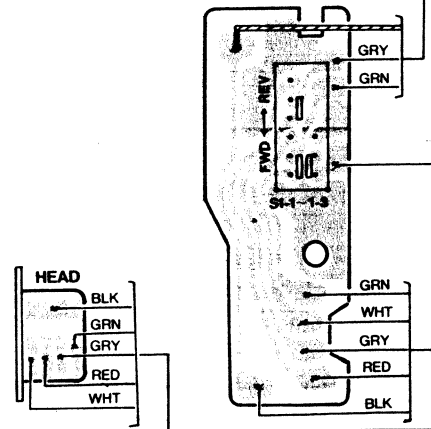
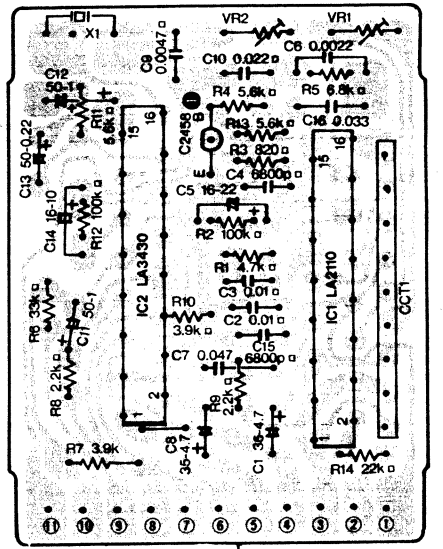
GND ⑧

PRINTED WIRING BOARD:

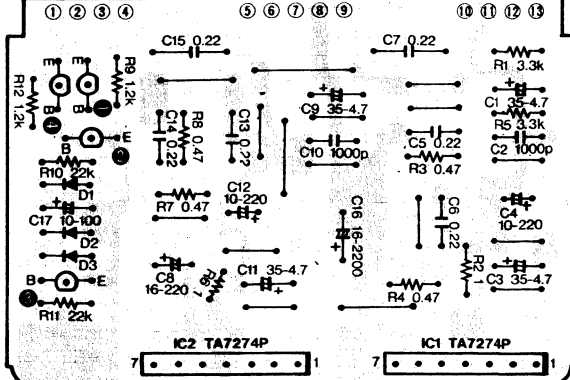
FM BLOCK Ass'y 880-1406F



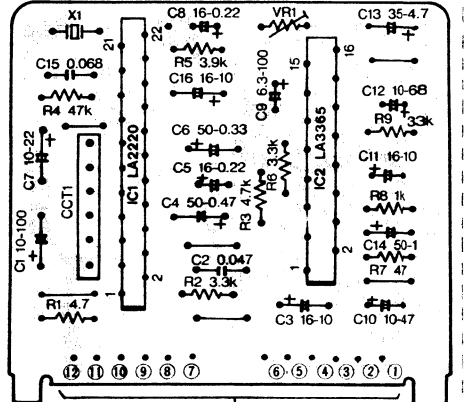
NC/MPX BLOCK Ass'y 880-0304A



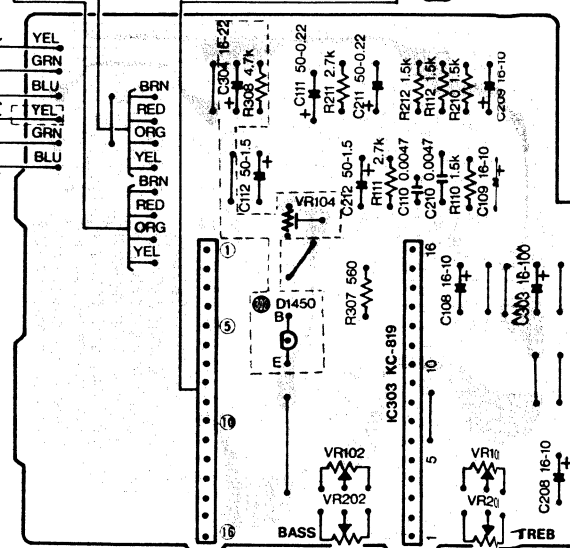
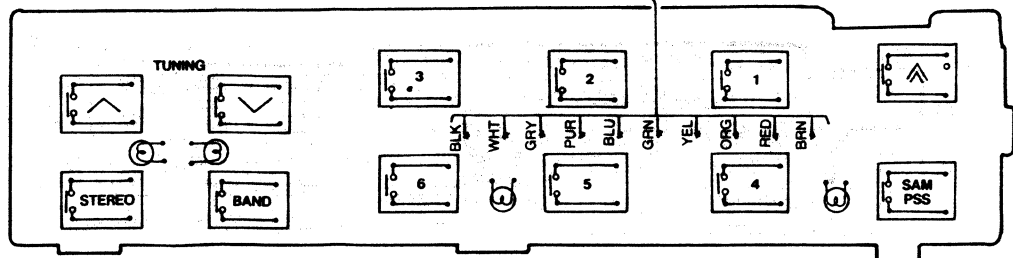
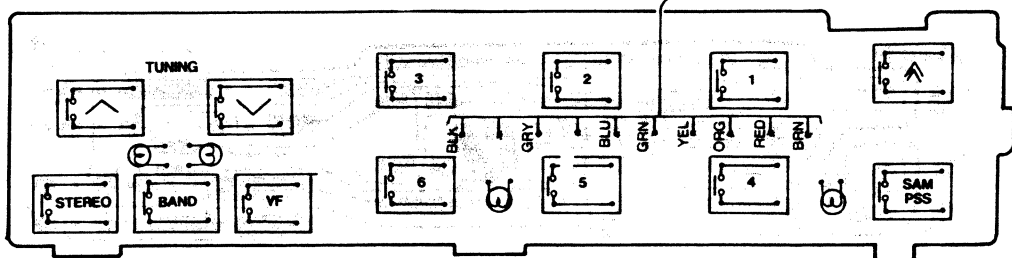
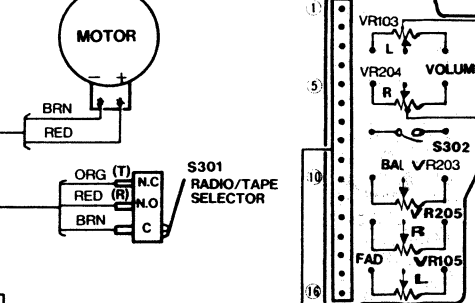
POWER P.W.B



SDK BLOCK Ass'y 880-0201B

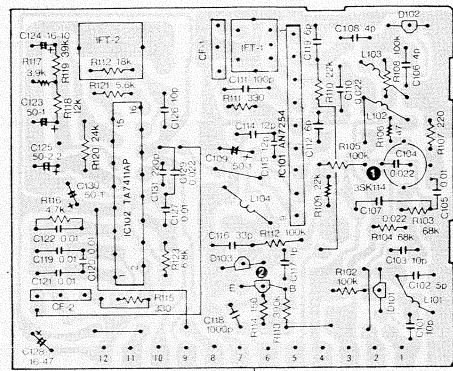


076-0324-16

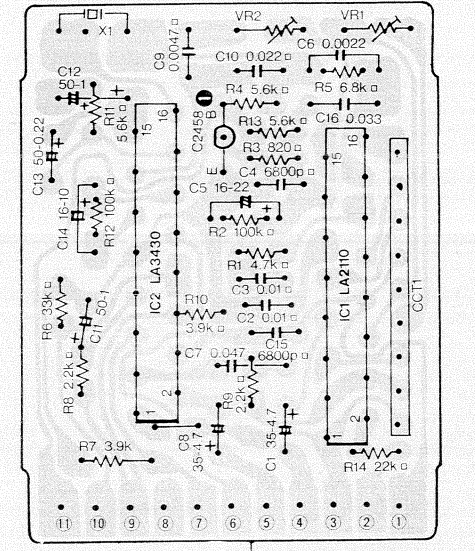


PRINTED WIRING BOARD:

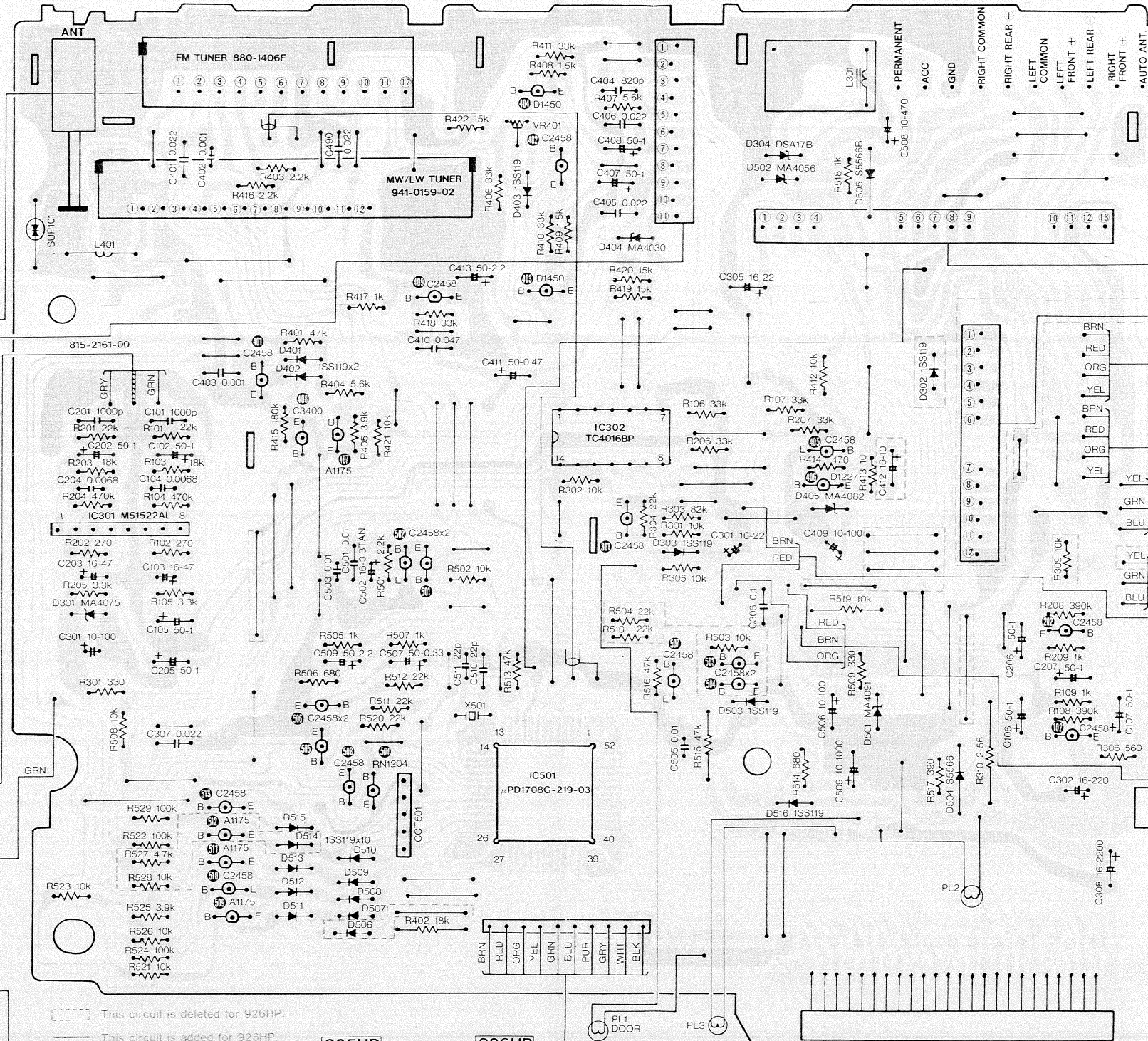
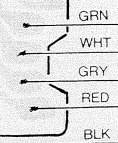
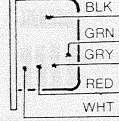
FM BLOCK Ass'y 880-1406F



NC/MPX BLOCK Ass'y 880-0304A



HEAD

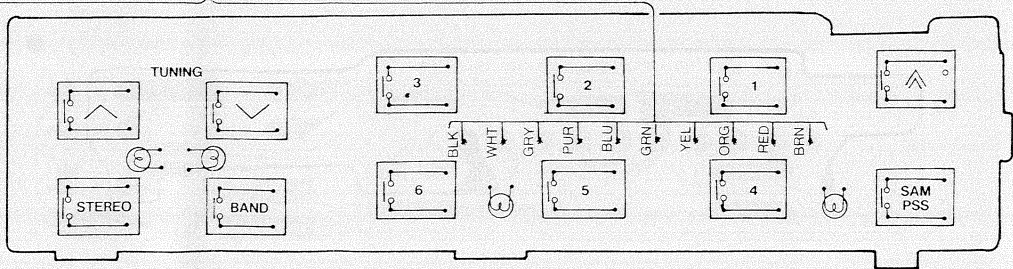
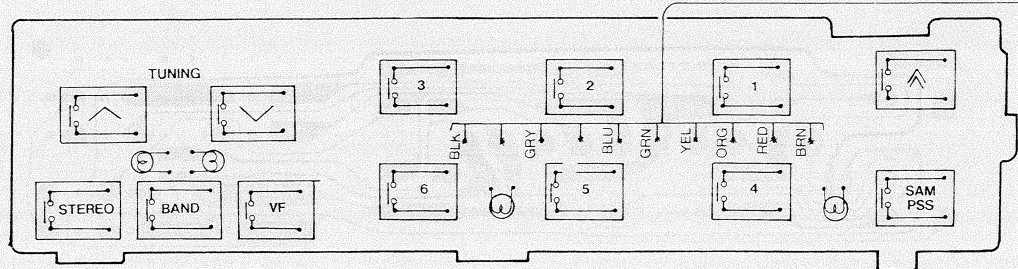


--- This circuit is deleted for 926HP.

--- This circuit is added for 926HP.

925HP

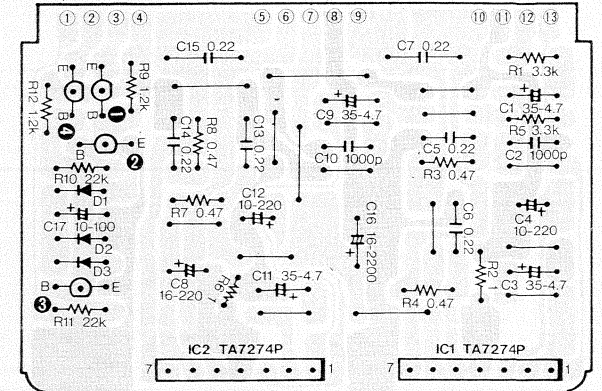
926HP



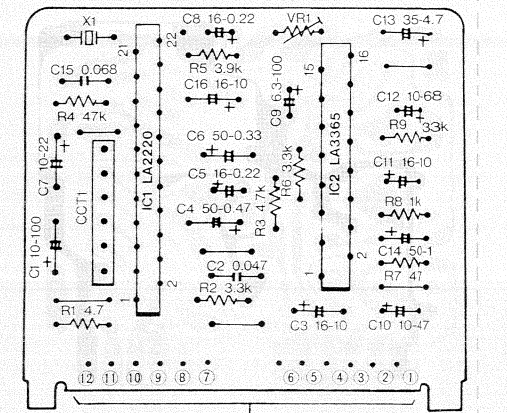
925HP-926HP

925HP-926HP

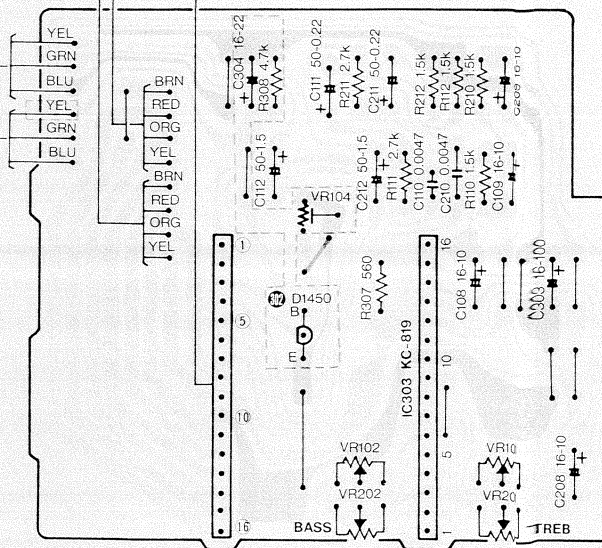
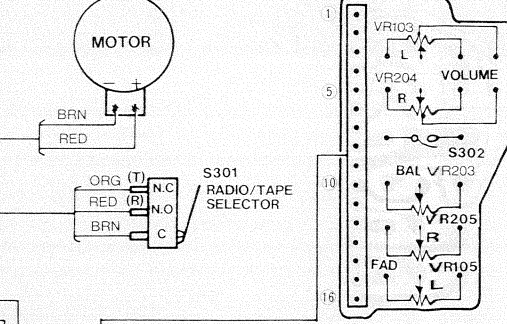
POWER P.W.B



SDK BLOCK Ass'y 880-0201B



076-0324-15

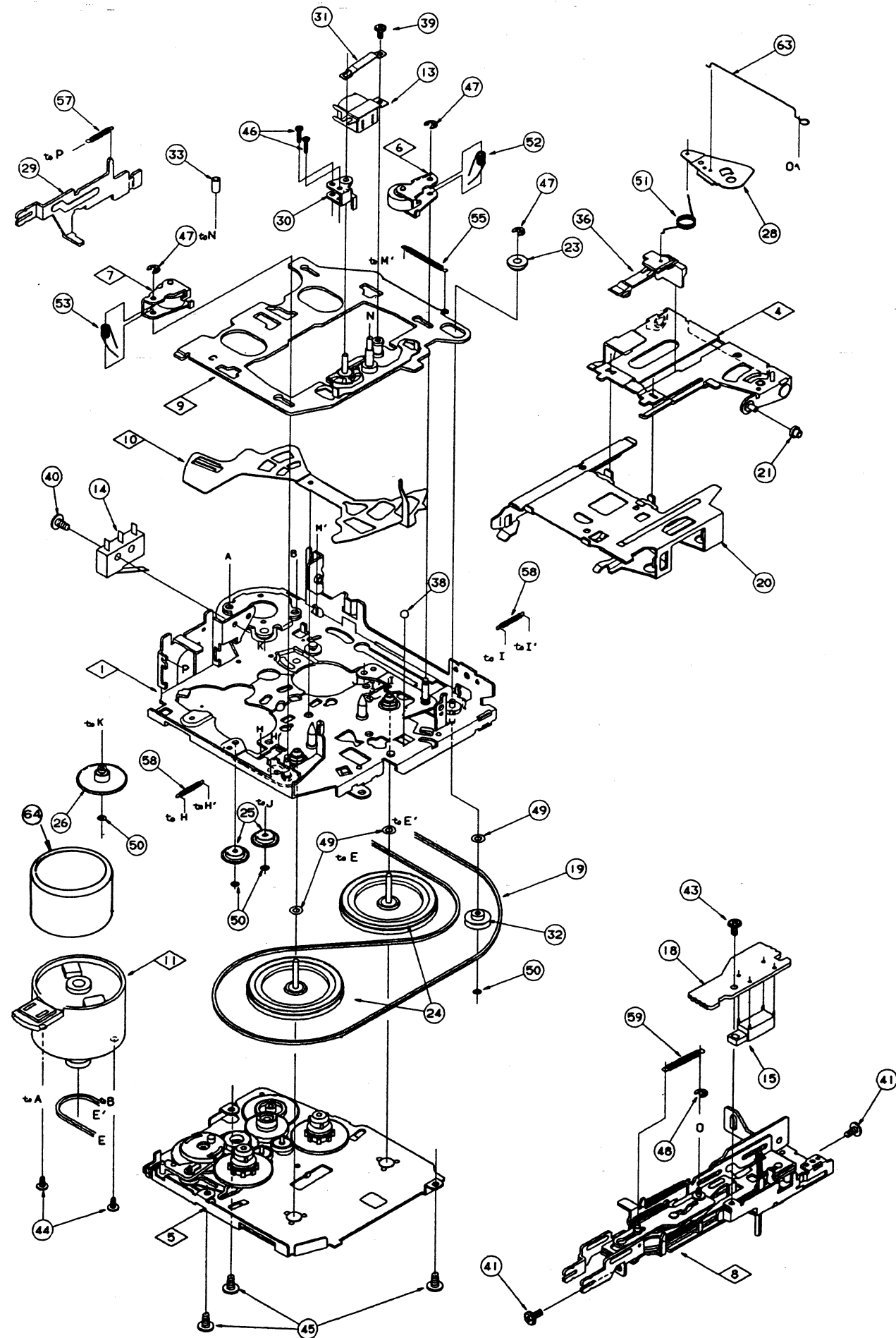


- 12 -

- 11 -

EXPLODED VIEW • PARTS LIST:

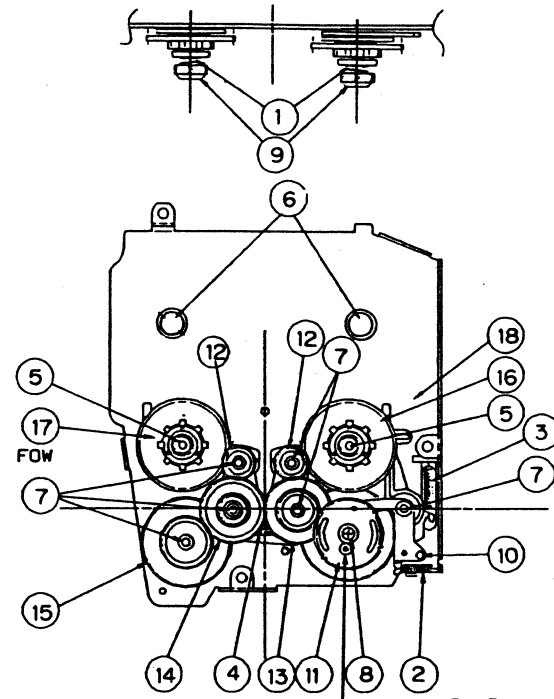
©Tape mechanism section



REF.NO.	PART NO.	DESCRIPTION	Q'TY
1	960-3833-01	Deck-P-ass'y C	1
4	960-3840-02	Guide arm-ass'y	1
5	960-3850-03	Bottom sub-A-C	1
6	960-3852-02	Roller-ass'y-F	1
7	960-3853-02	Roller-ass'y-R	1
8	960-3889-02	Frame sub-A-CS	1
9	960-3890-02	Head-P-ass'y CD	1
10	960-3881-02	CH plate-ass'y	1
11	SMA-112-100	Motor-ass'y	1
13	011-0298-10	Head	1
14	013-2690-02	Switch	1
15	013-3807-00	Switch	1
18	099-7852-00	P.W.B	1
19	602-0103-00	Belt	1
20	606-0083-01	Pack guide	1
21	610-0226-00	Roller	1
23	610-0294-01	Head-P-G-roller	1
24	611-0077-00	Flywheel	2
25	613-0095-01	FF idler gear	2
26	613-0087-01	Gear A	1
28	630-1932-02	Swing arm	1
29	630-1934-01	Program lever	1
30	630-1956-01	Adjust link	1
31	632-1962-01	Head spring	1

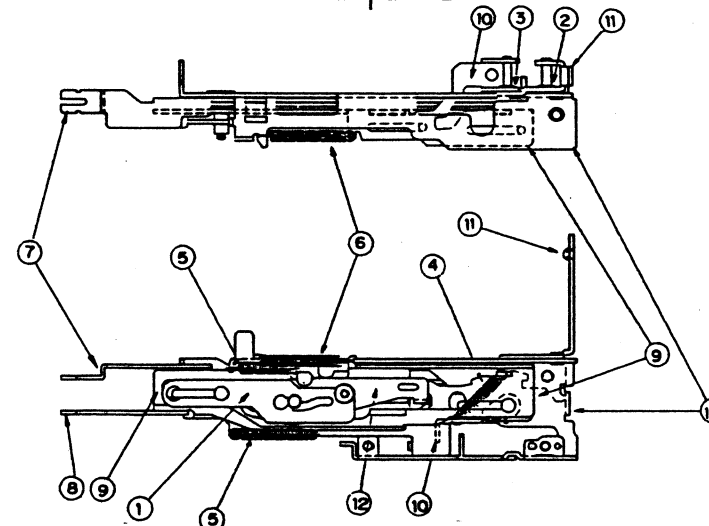
REF.NO.	PART NO.	DESCRIPTION	Q'TY
32	631-0370-00	Tention pulley	1
33	631-0545-01	Eject roller	1
36	631-0552-02	Pack stopper	1
38	632-1888-00	Ball	1
39	714-2003-81	Machine screw (M2x3)	1
40	714-2308-81	Machine screw (M2.3x8)	1
41	714-2604-81	Machine screw (M2.6x4)	2
43	716-0485-00	Machine screw	1
44	716-0715-00	Screw	2
45	716-0717-00	Screw	3
46	716-0718-10	Screw	2
47	743-1500-20	E-ring	3
48	743-2000-20	E-ring	1
49	746-0624-00	Washer	3
50	746-0761-00	Washer	4
51	750-2361-01	Spring	1
52	750-2535-01	Roller spring F	1
53	750-2536-01	Roller spring R	1
55	750-2560-02	Head-P-spring	1
57	750-2541-01	Program spring	1
58	750-2545-00	FF gear spring	2
59	750-2620-00	Click spring	1
63	750-2569-02	Eject rod RS	1
64	630-2028-00	Shield case	1

©BOTTOM SUB-A-C 960-3850-03



REF.NO.	PART NO.	DESCRIPTION	Q'TY
1	750-2564-01	Slide spring	2
2	750-2544-01	Lock-L-spring	1
3	750-2543-01	Sensing spring	1
4	750-2542-00	Idler-P-spring	1
5	746-0768-00	Washer	2
6	746-0767-00	Washer	2
7	746-0761-00	Washer	6
8	716-0716-00	Screw	1
9	631-0554-00	Slide bush	2
10	631-0546-01	Lock link	1
11	613-0093-01	CH gear	1
12	613-0091-00	Play idler gear	2
13	613-0090-01	Gear R	1
14	613-0089-01	Gear F	1
15	613-0088-01	Gear B	1
16	960-3855-02	Reel ass'y R	1
17	960-3854-02	Reel ass'y F	1
18	960-3846-02	Bottom ass'y C	1

©FRAME SUB-A-CS 960-3889-02



REF.NO.	PART NO.	DESCRIPTION	Q'TY
1	960-3845-01	Click-P-ass'y	1
2	743-2000-20	E-ring	1
3	743-1500-20	E-ring	1
4	750-2557-01	Lock arm spring	1
5	750-2550-02	FF spring C	2
6	750-2548-01	Eject spring	1
7	630-1949-02	REW lever C	1
8	630-1945-02	FF lever C	1
9	630-1974-03	Eject plate CS	1
10	630-1931-01	Lock arm	1
11	630-1930-01	Off arm	1
12	960-3887-00	Select-P-ass'y-S	1
13	960-3882-01	Frame-ass'y-CS	1