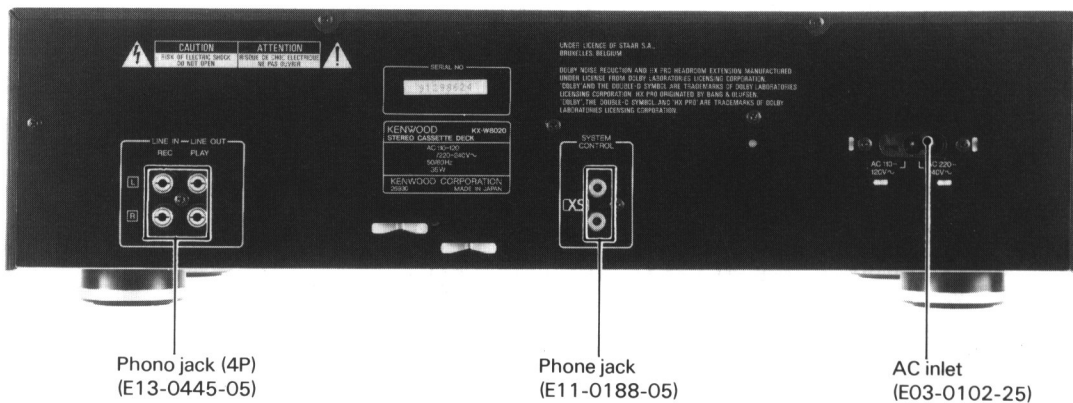
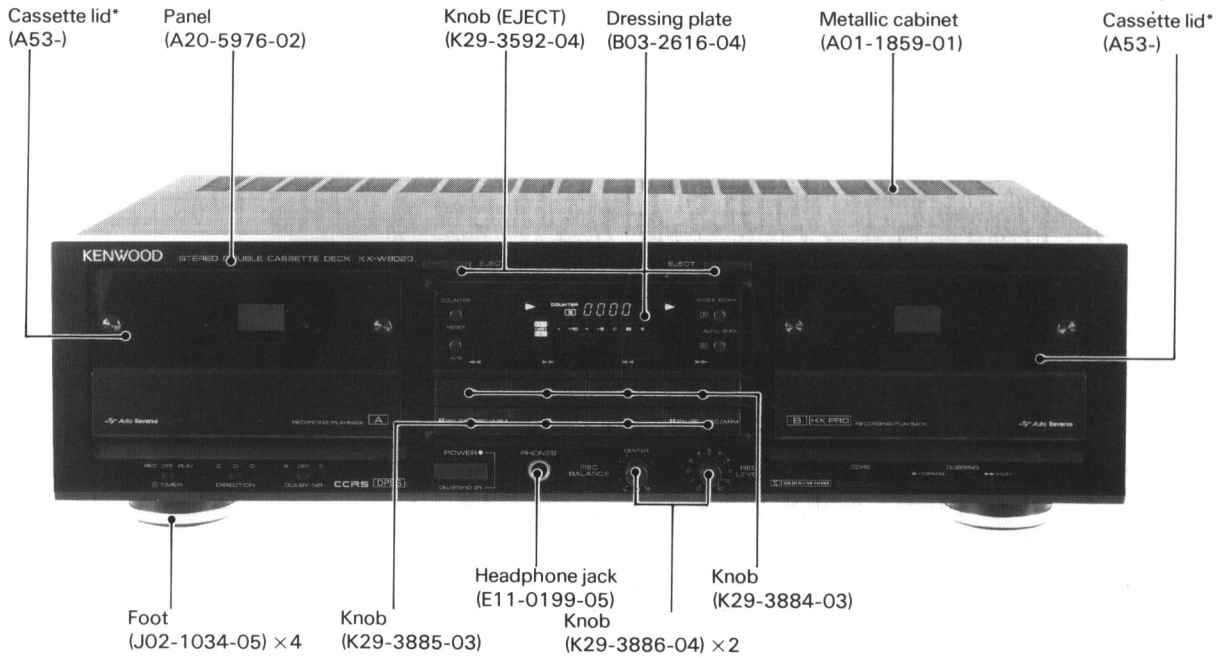
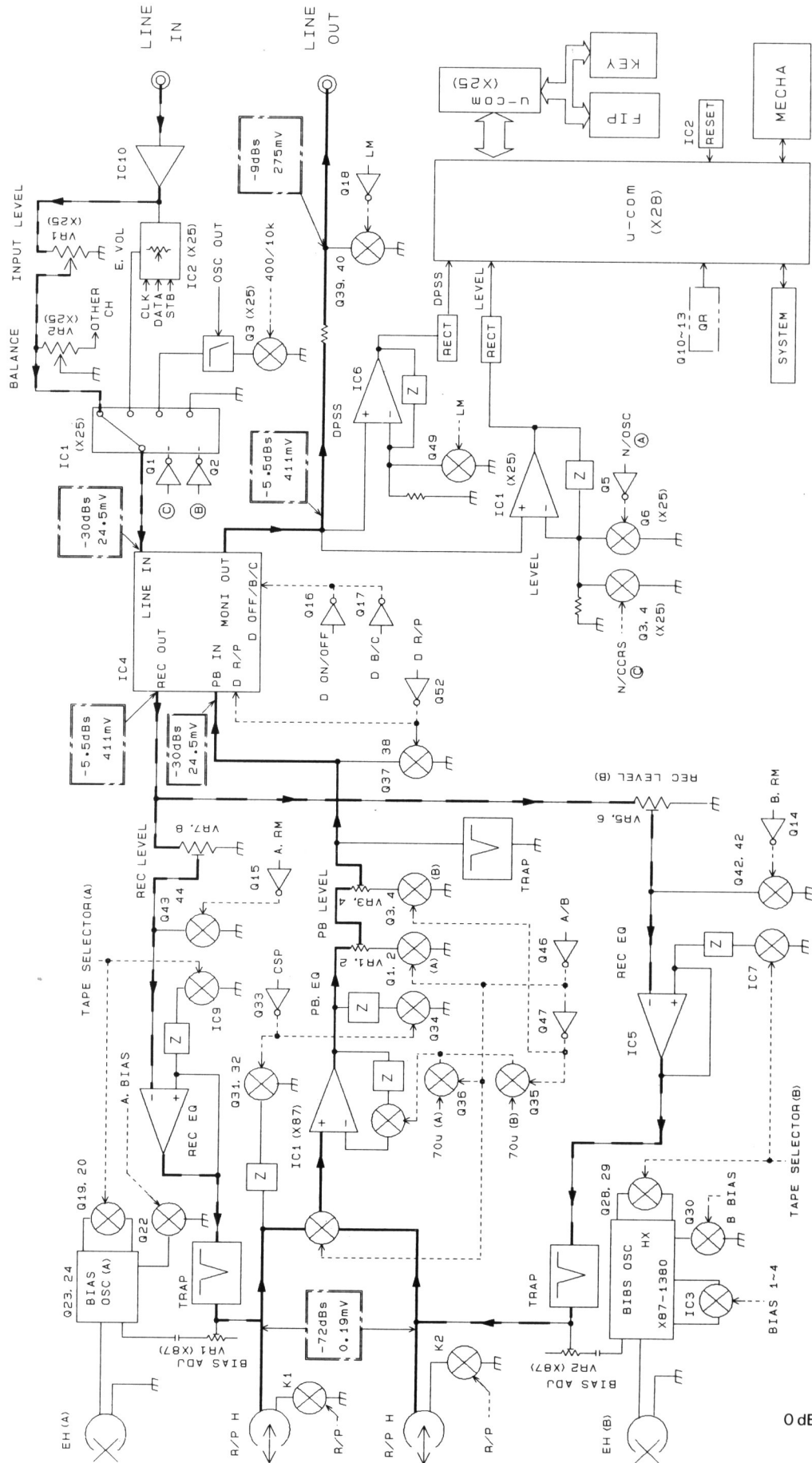


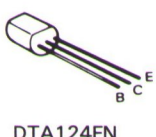
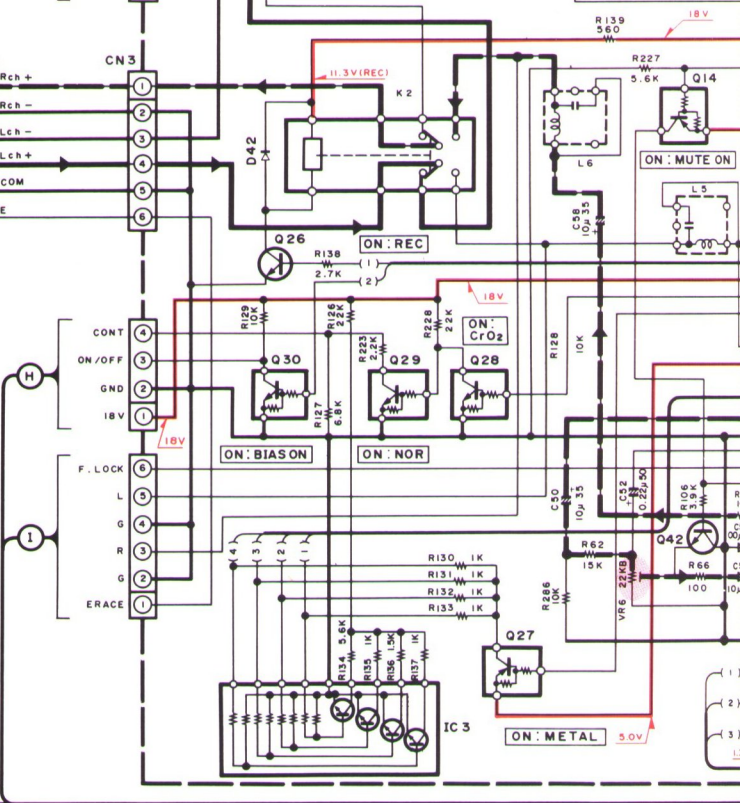
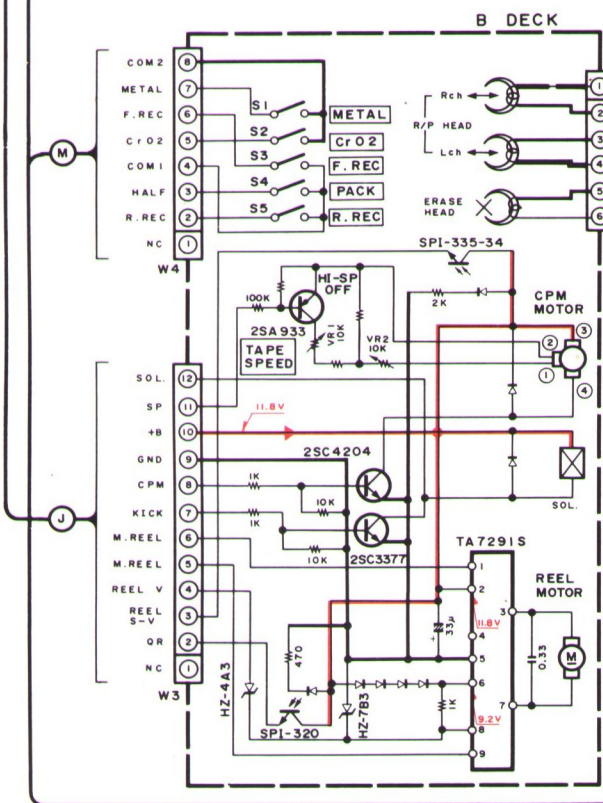
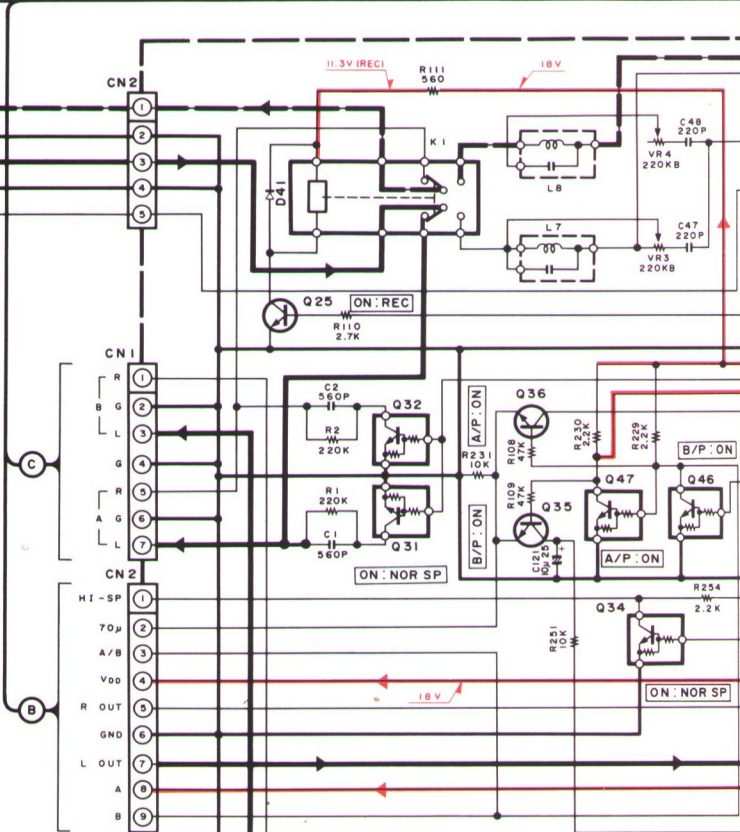
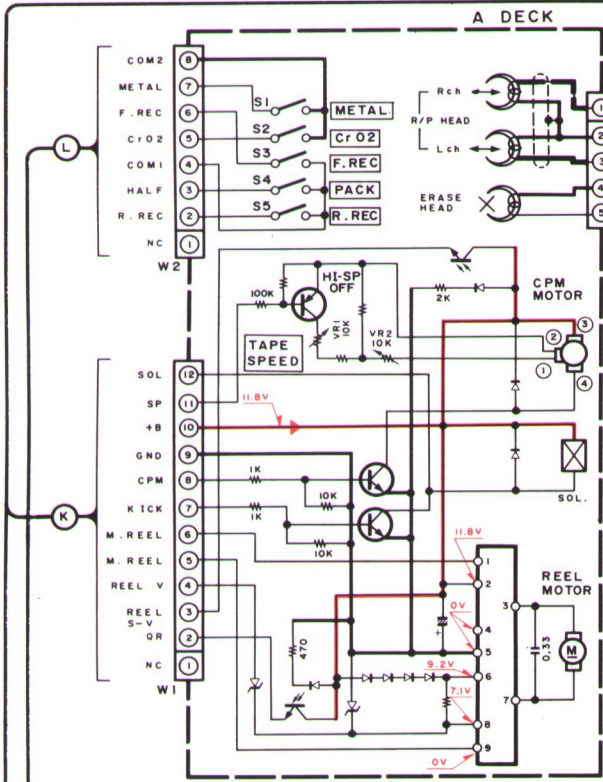
KX-W8020

SERVICE MANUAL

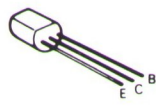


BLOCK DIAGRAM





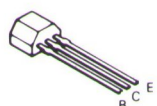
DTA124EN



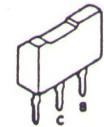
- DTC124EN
- 2SA733(A)
- 2SB764
- 2SC1845
- 2SC3246
- 2SC945(A)
- 2SD1302
- 2SD863

FWD P/R

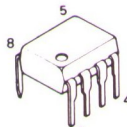
①	9.3V	7.6V
②	11.2V	11.1V
③	11.8V	11.8V
④	0V	0V
	NOR-SP	HI-SP



2SA933S
2SC1740S

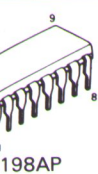
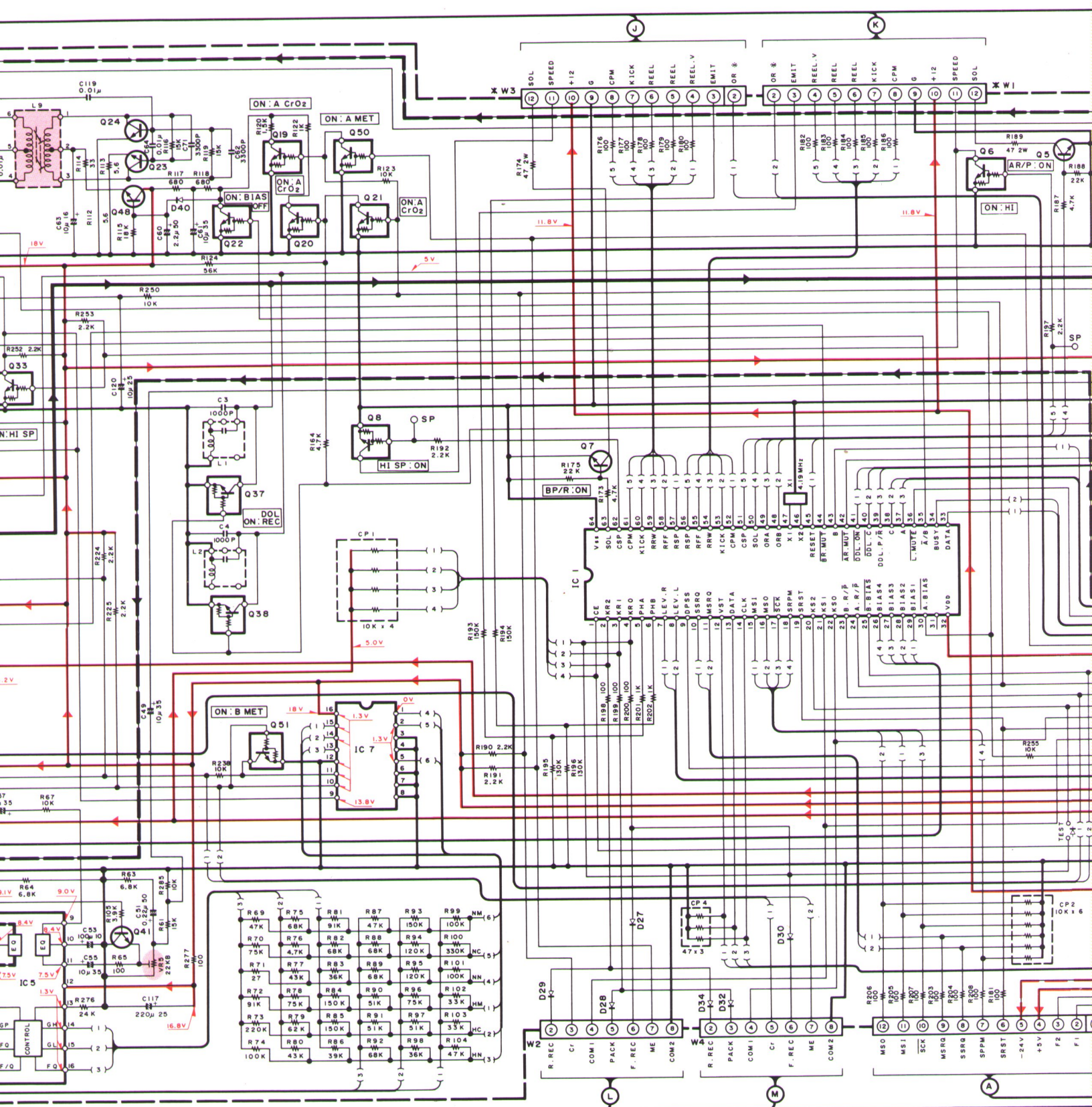


DTC144TFF



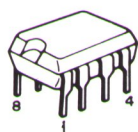
NJM4558D
NJM4558D-A

1
2
3
4
5
6
7

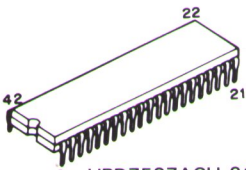


IC 7

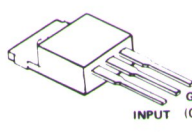
	NN	NC	NM	NN	HC	HM
9 PIN	13.8V	13.8V	13.8V	0V	0V	0V
10 PIN	0V	16.5V	0V	0V	16.5V	0V
11 PIN	0V	0V	15.8V	0V	0V	15.8V
ON PIN	1	2	3	13	15	14



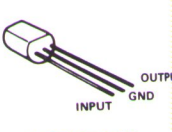
NJM4565D
NJM4565D-D



UPD7537ACU-214



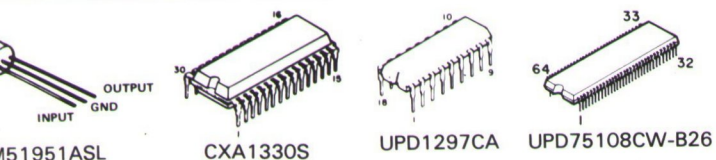
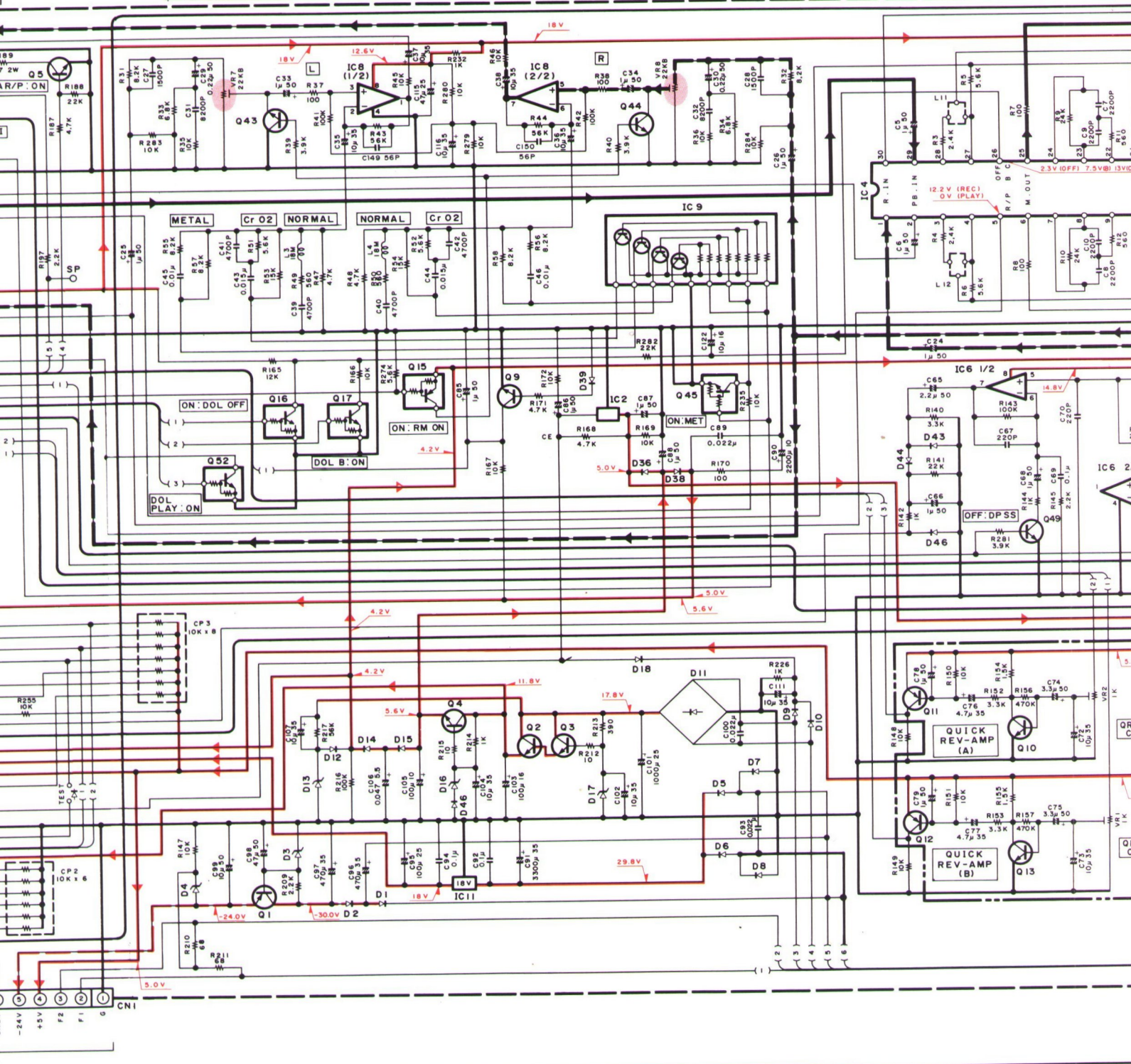
AN78M18F



M51951ASL

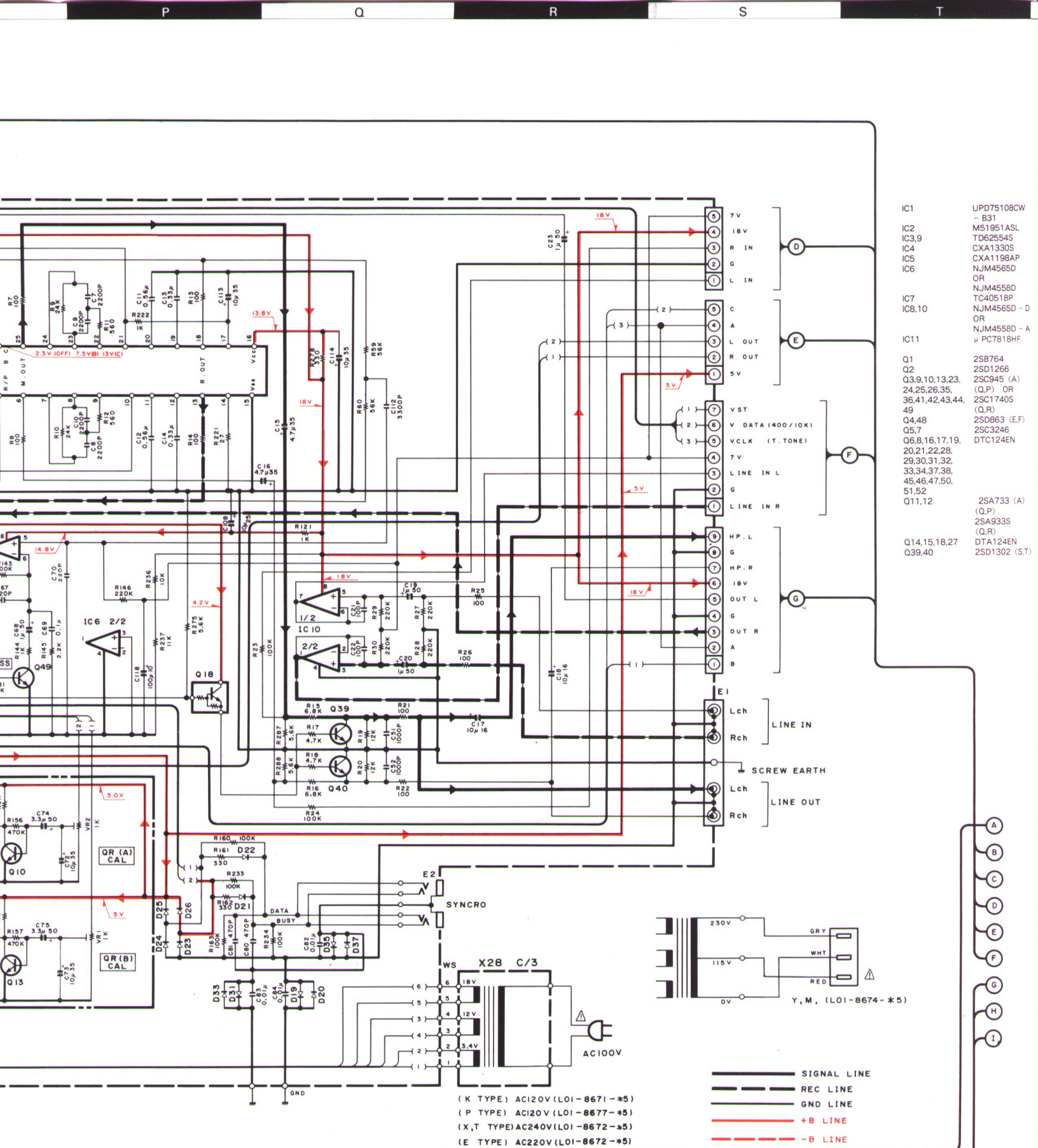
X28-214X-XX

	W2	W3	A MECHA	B MECHA	
O - I I	K, P, Y, M, X	IOP	IOP	D40-0906-05	D40-0907-05
O - O O	T, E	IIP	IIP	D40-0908-05	D40-0909-05



DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

Les tensions c.c. doivent être mesurées avec un voltmètre haute impédance. Les valeurs peuvent différer légèrement à cause des variations inhérentes aux appareils et aux instruments de mesure individuels.



- IC1 UPD75108CW - B31
- IC2 M51951ASL
- IC3,9 TD62554S
- IC4 CXA1330S
- IC5 CXA1198AP
- IC6 NJM4565D OR NJM4558D TC4051BP
- IC7 NJM4565D - D OR NJM4558D - A
- IC8,10 μ PC7818HF
- IC11
- Q1 2S8764
- Q2 2SD1266
- Q3,9,10,13,23,24,25,26,35,36,41,42,43,44,49 Q3,9,10,13,23,24,25,26,35,36,41,42,43,44,49 (Q,P) OR 2SC1740S (Q,R)
- Q4,48 2SD863 (E,F)
- Q5,7 2SC3246
- Q6,8,16,17,19,20,21,22,28,29,30,31,32,33,34,37,38,45,46,47,50,51,52 DTC124EN
- Q11,12 2SA733 (A)
- Q14,15,18,27, Q39,40 2SA933S (Q,R) DT124EN 2SD1302 (S,T)

h impedance volt-
iations between indi-
avec un voltmètre à
différer légèrement du
ils et aux instruments

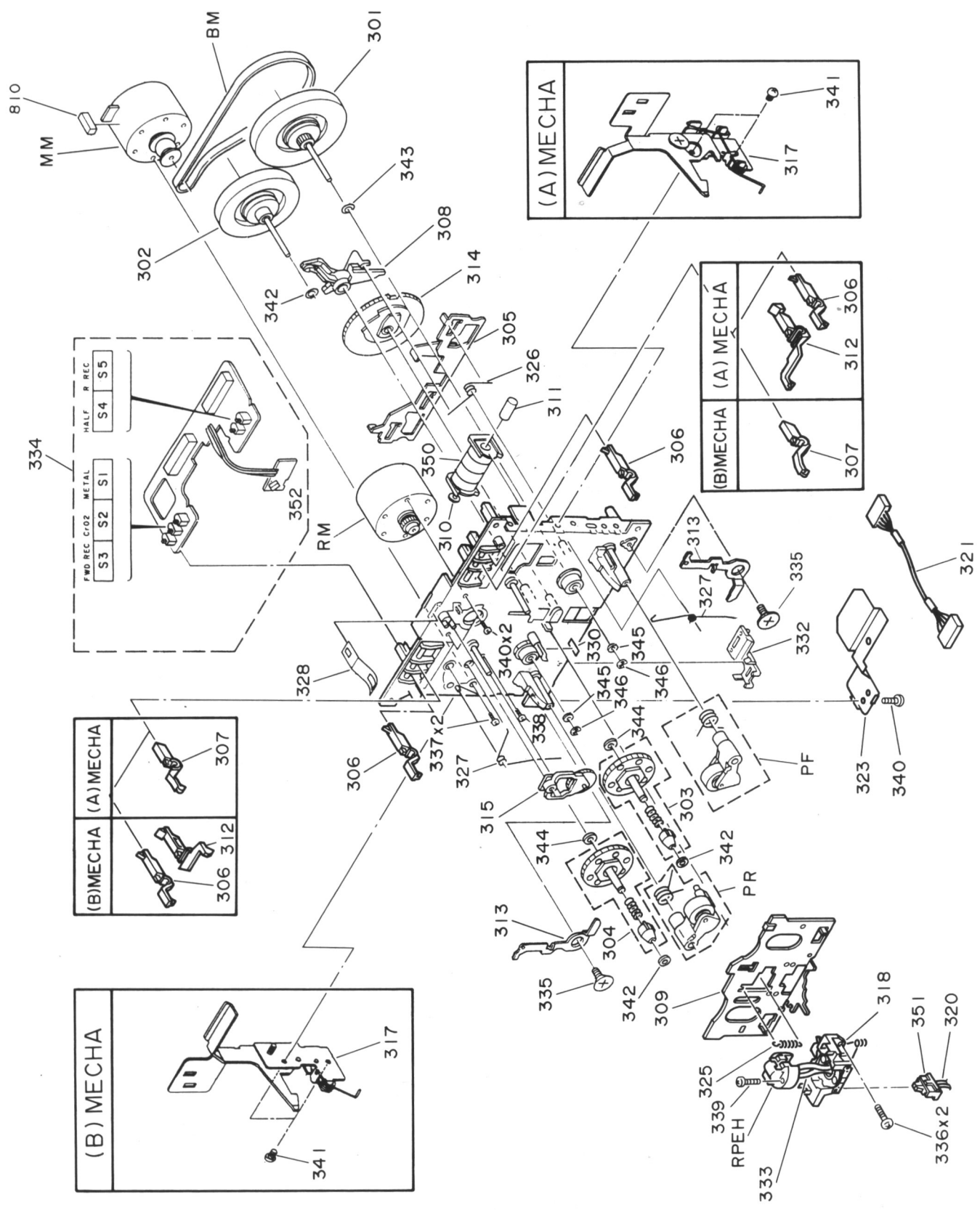
Die angegebenen Gleichspannungswerte wurden mit einem hochohmhigen Spannungsmesser gemessen. Dabei schwanken die Meßwerte aufgrund von Unterschieden zwischen einzelnen Instrumenten oder Geräten u. U. geringfügig.

CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). ⚠ Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.



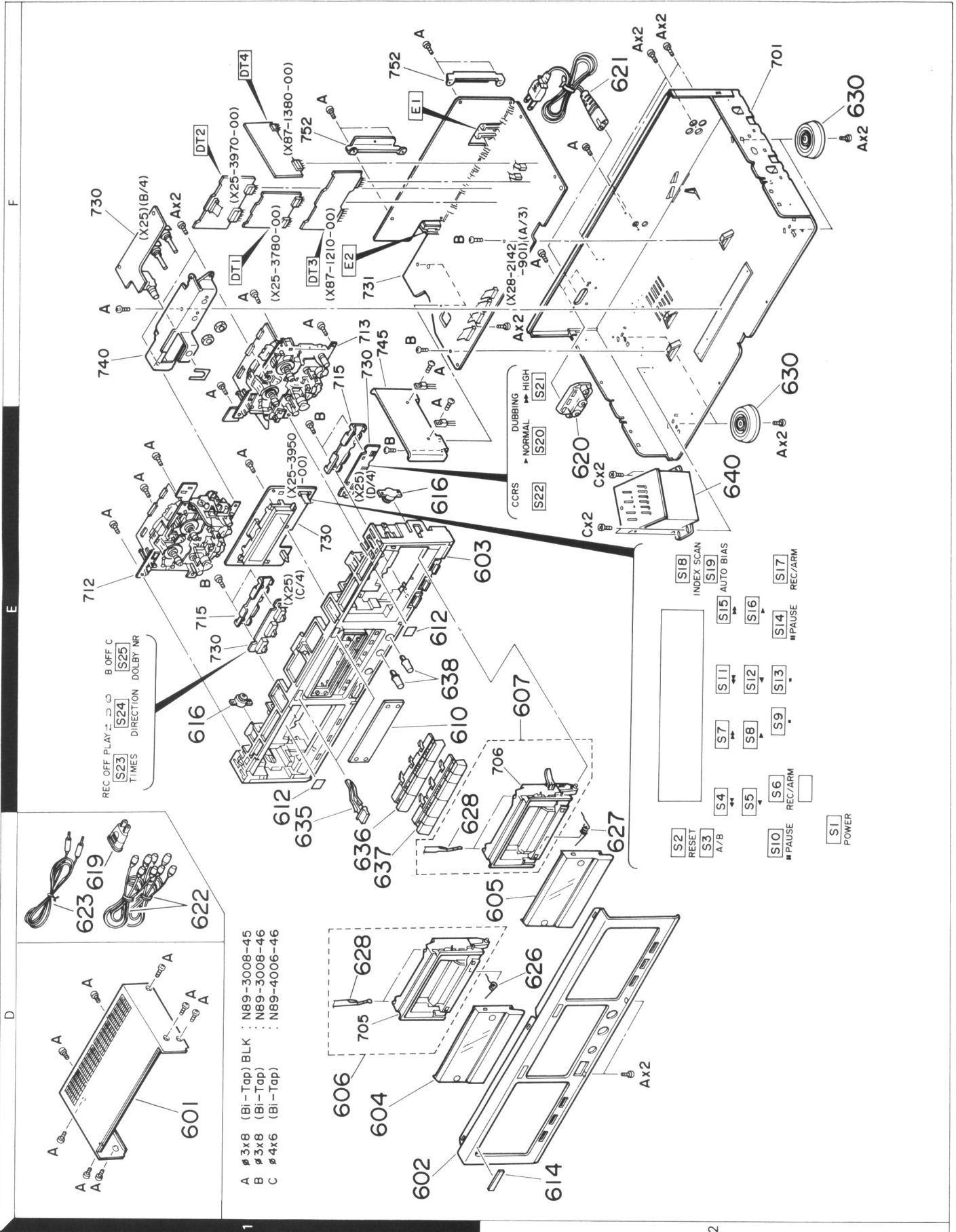
EXPLODED VIEW (MECHANISM)

A B C

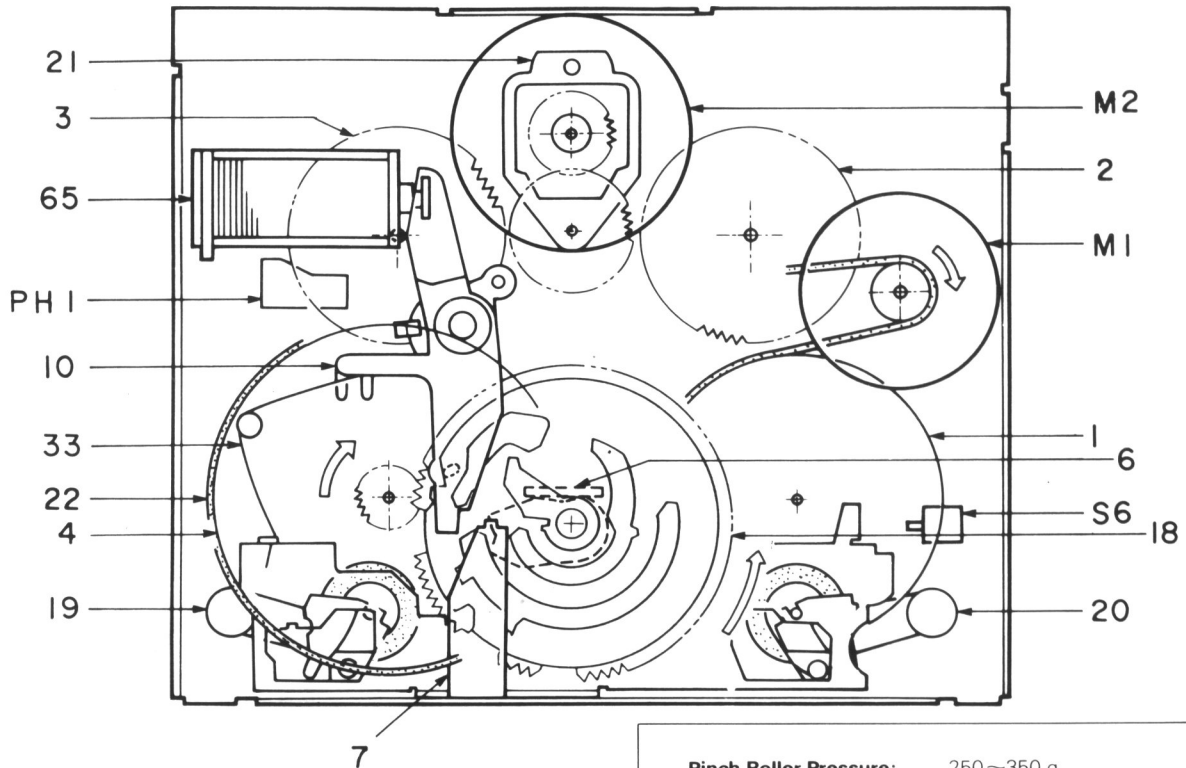


Parts with the exploded numbers larger than 700 are not supplied.

EXPLODED VIEW (UNIT)



MECHANISM DESCRIPTION



Pinch Roller Pressure:	250~350 g
Take-up Torque:	30~70 g·cm (2.5 V)
FF. REW Torque:	90~180 g·cm (3.8 V)
Back Tension Torque:	2~6 g·cm

KX-W8020 is not provided with Auto Reverse Function. This description and drawings are based on the Auto Reverse Mechanism.

STOP to FWD PLAY/REC Operation

Press the PLAY key.

Only in the STOP to REC mode, the REEL MOTOR rotates in the REW direction for 20 msec. to rewind the tape slightly.

By a signal from the microcomputer, the CAPSTAN MOTOR M1 rotates, and the SOLENOID (65) turns ON.

The PLAY ARM (10) swings in the direction of the arrow (➡ **A**).

The pin **B** of the PLAY ARM is released from the stopper section **C** of the CAM GEAR (18).

The CAM GEAR rotates slightly and engages with the gear of the FLYWHEEL (4).

After a while, the SOLENOID turns OFF.

Since the SLIDER (7) is pushed by the torsion spring (33) in the direction of the arrow (➡), the protrusion swings along the orbit **H**.

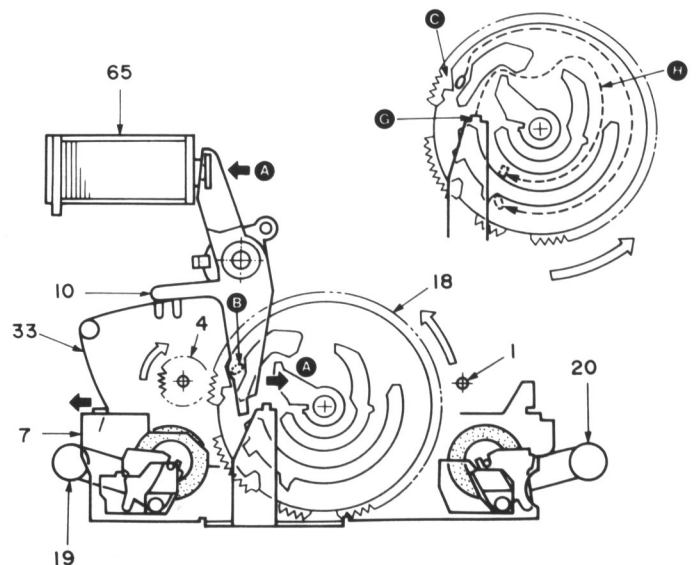


Fig. 2 STOP to FWD (forward) PLAY/REC operation

WIRING DIAGRAM

