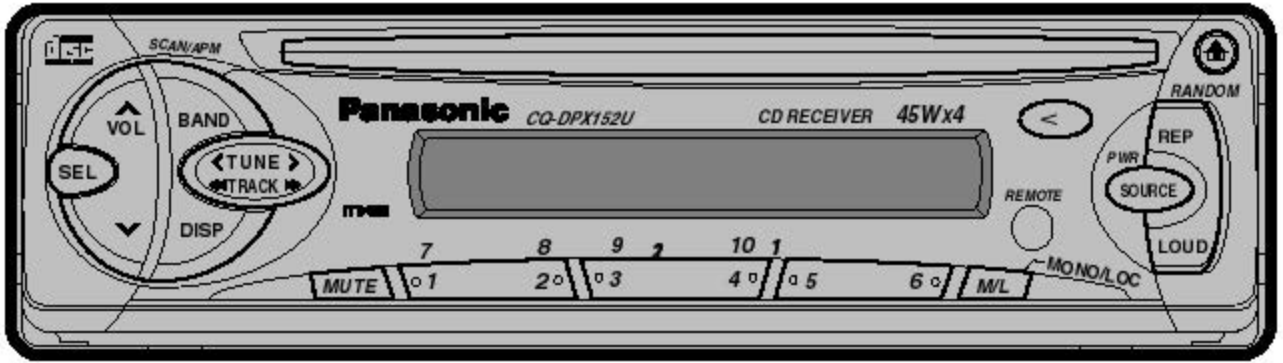
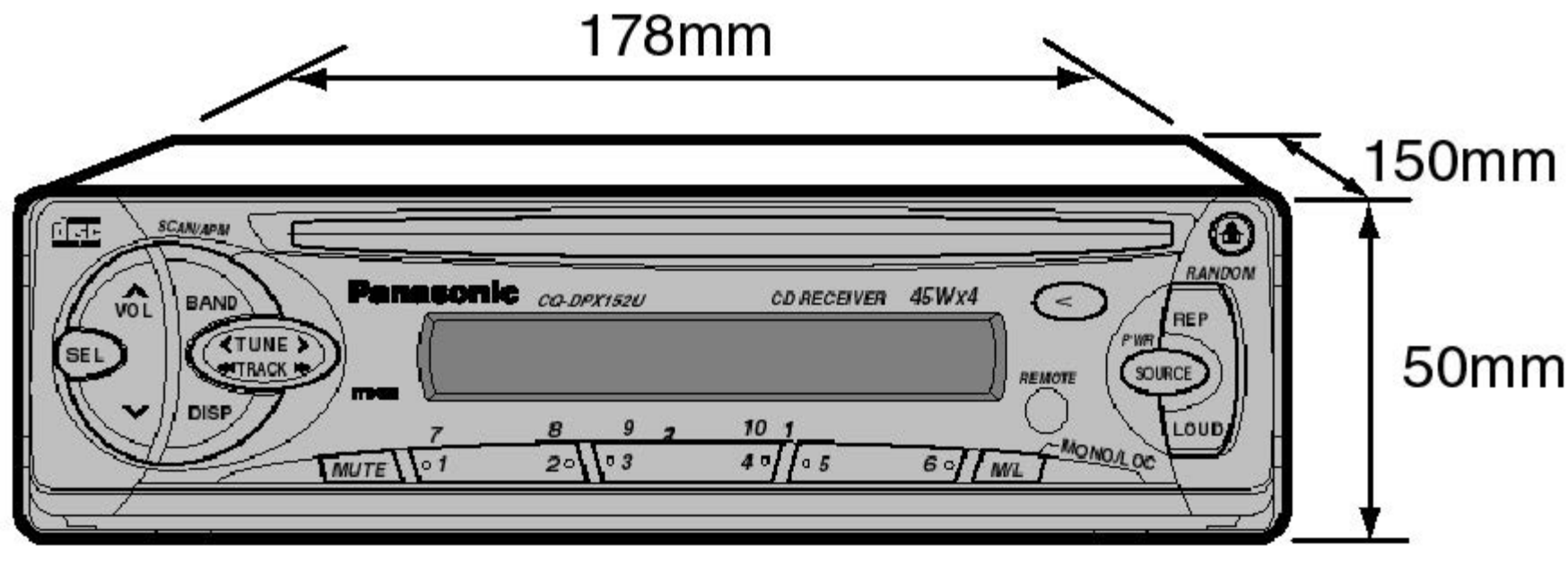

SCAN/APM
VOL
BAND
SEL
TUNE
TRACK
DISP
Panasonic
CQ-DPX152U
CD RECEIVER 45Wx4
RANDOM
REP
PWR
SOURCE
LOUD
REMOTE
MUTE
1
2
3
4
5
6
M/L
MONO/LOC

<CQ-DPX152U>


178mm
150mm
50mm
SCAN/APM
VOL
BAND
SEL
TUNE
TRACK
DISP
Panasonic
CQ-DPX152U
CD RECEIVER 45Wx4
RANDOM
REP
PWR
SOURCE
LOUD
REMOTE
MUTE
1
2
3
4
5
6
M/L
MONO/LOC

Supplement

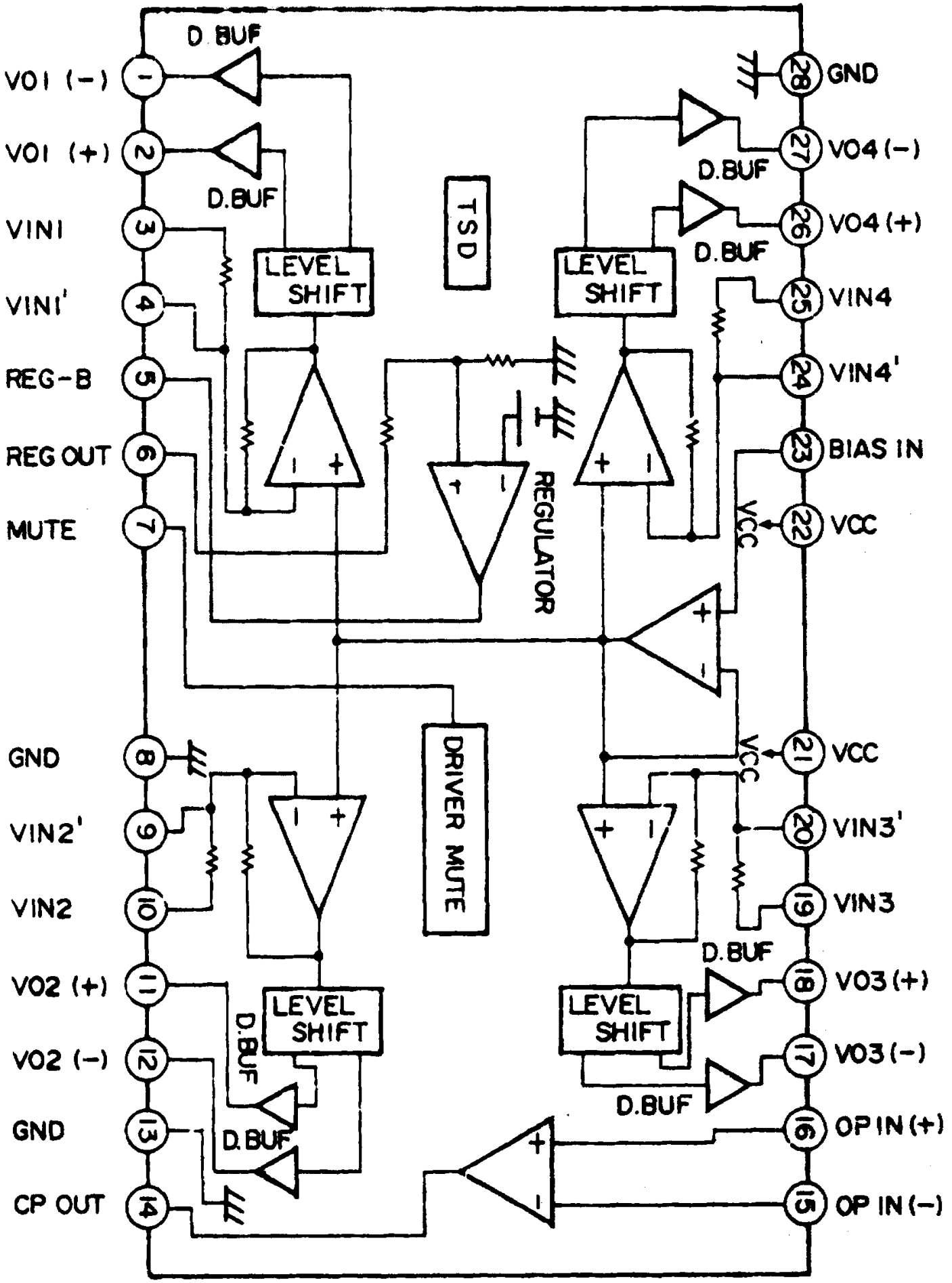
E-6896A

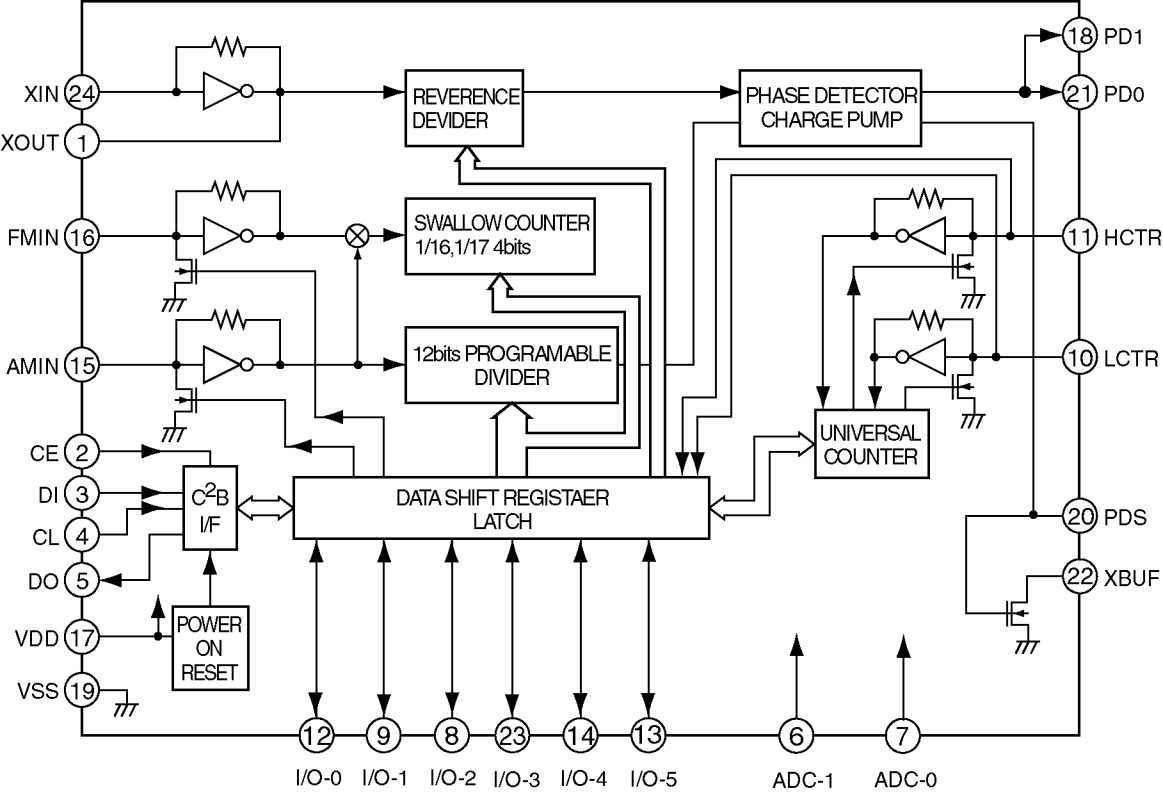
ANT51
FM ANT
AM ANT
FM / AM ELECTRONIC TUNER
PA51
RADIO L,R
MODE FM/AM
VT
FM OSC
IF
MONO/ST
+8V
FM /AM CONT Q400
LPF Q401
PLL IC400
2~5
PLL CE/CLK/MOSI/MISO
CDL,R
ELECTRONIC VOLUME IC201
CLK,DATA
16~19
36,37
FL,FR
RL,RR
MUTE Q230,330
MUTE Q231,331
<Only for CQ-DPX152U>
CN300
Lch
Rch
FRONT
<PRE OUT>
REAR
<Only for CQ-DP102U>
CN200
RL,RR
CN701
BATT
GND
RL (-)
RL (+)
RR (-)
RR (+)
FR (+)
FR (-)
FL (+)
FL (-)
NC
ACC
ANT.CNT
AMP.CNT
POWER AMP IC270
FL,FR RL,RR
ACC
MUTE Q660,661
AF MUTE
PWR_IC_MUTE
AMP_CNT
PWR CNT
CPU IC600
8~10
CD-MISO/MOSI/SCK
CD-STB/A0/RST/RFOK /LOCK/LIMIT/INSW1/SW2
CD-ON
CD_ON_5V
CD_8V
61
55
41~44
45
60
62
58
RESET
BATT DET. Q712 Q713
ACC DET. Q714 Q715
RESET IC705
VDD 5V
RM DATA
PANEL_DET
LCD DI,CLK,CE
MUTE 5V
POWER LED
ILL 8V
CN601
REG Q710
SW Q709
PLL 5V
MUTE 5V
POWER CONTROL Q703,704
REG Q705
REG Q701
REG IC704
REG IC702
CD ON
POWER SW Q716 Q717
POWER SW Q718 Q719
ANT-CONT
AMP-CONT
ANT CNT
AMP CNT
BATT

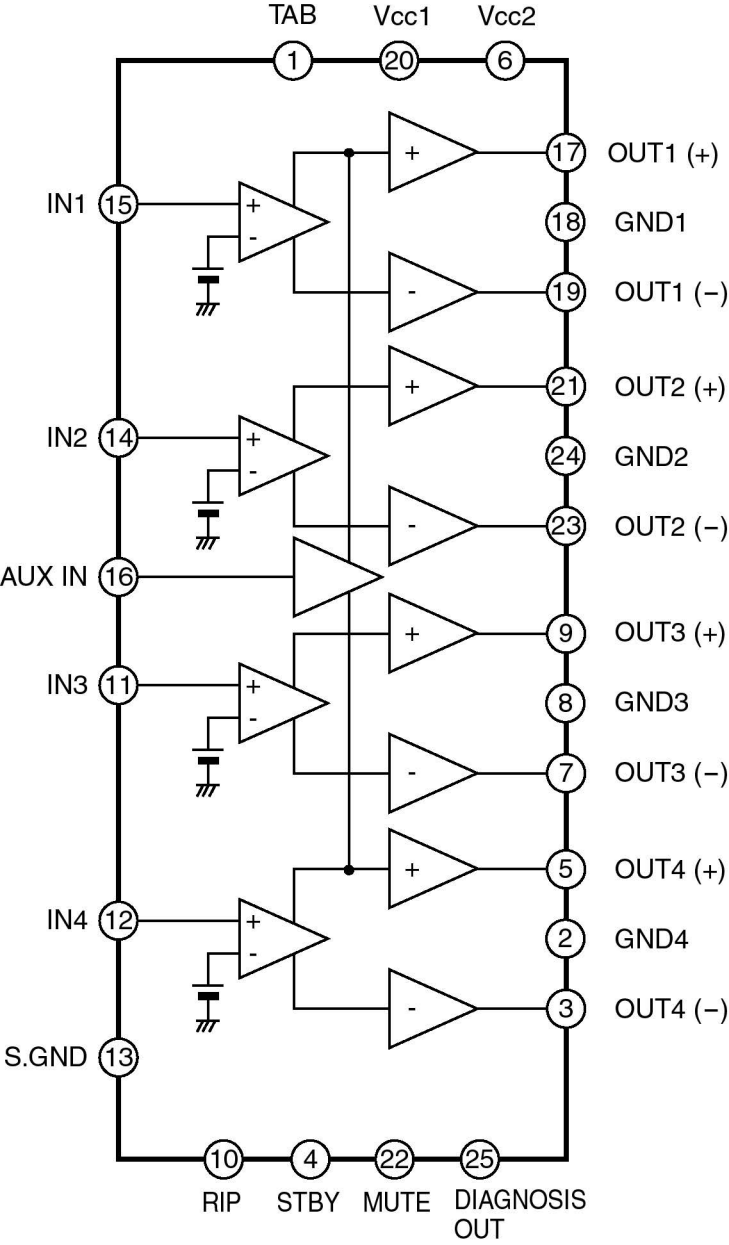
E-9136

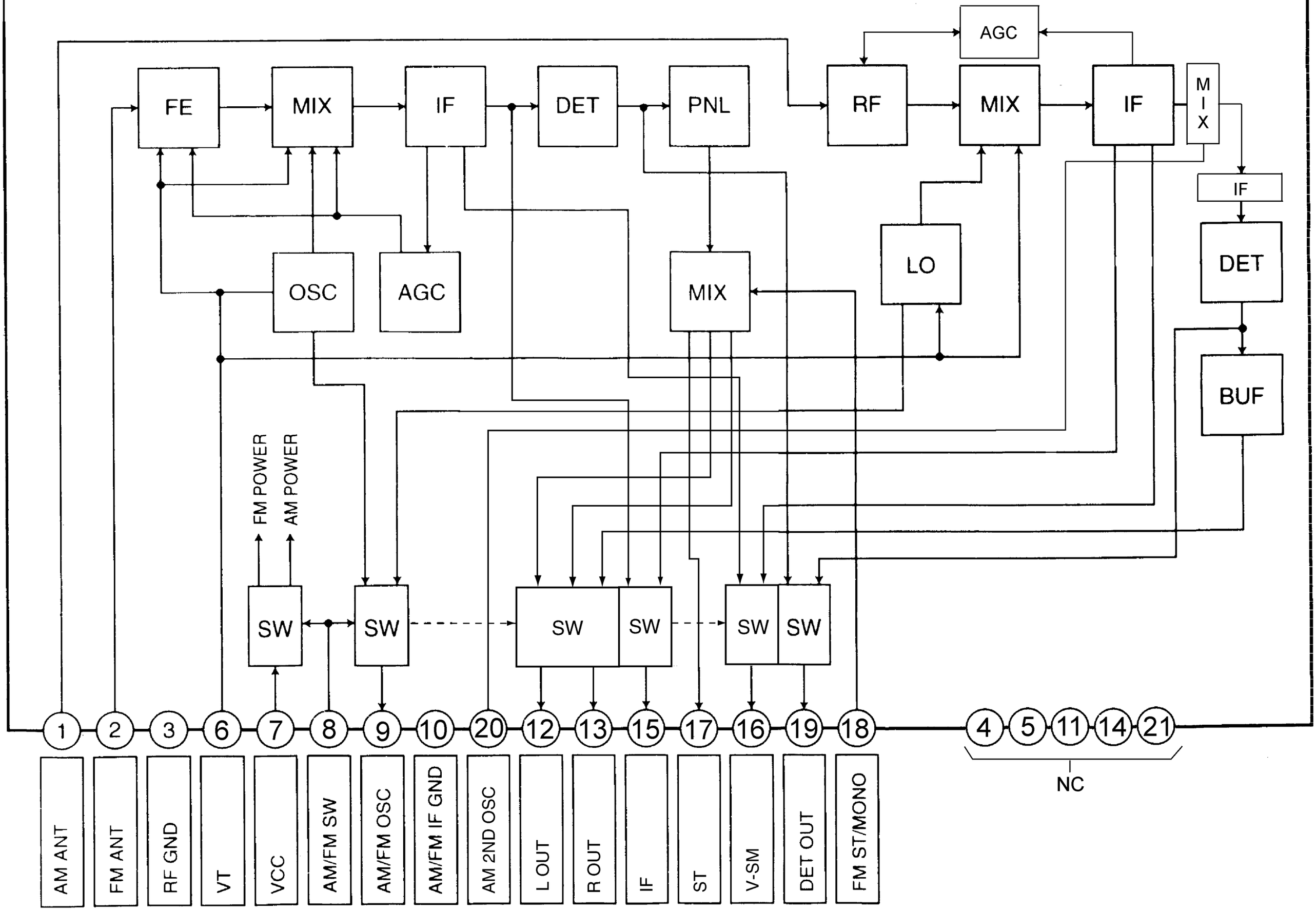
<Optical Pick-Up Ass'y>
RF AMP
TRACKING COIL
FOCUS COIL
CN2
LD+
SW Q1
LD
SERVO /DAC IC1
A - F, PD
T +/-, F+/-
Lch, Rch
CN1
CN620
RFOK,RST,A0,STB, SCK,SO,SI
CN3
Limit SW
LOADING MOTOR
LIMIT SW
SL+/-
MOTOR DRIVER IC2
SW1, 2
CN4
SPINDLE MOTOR
SP+/-
CN5
Mode SW

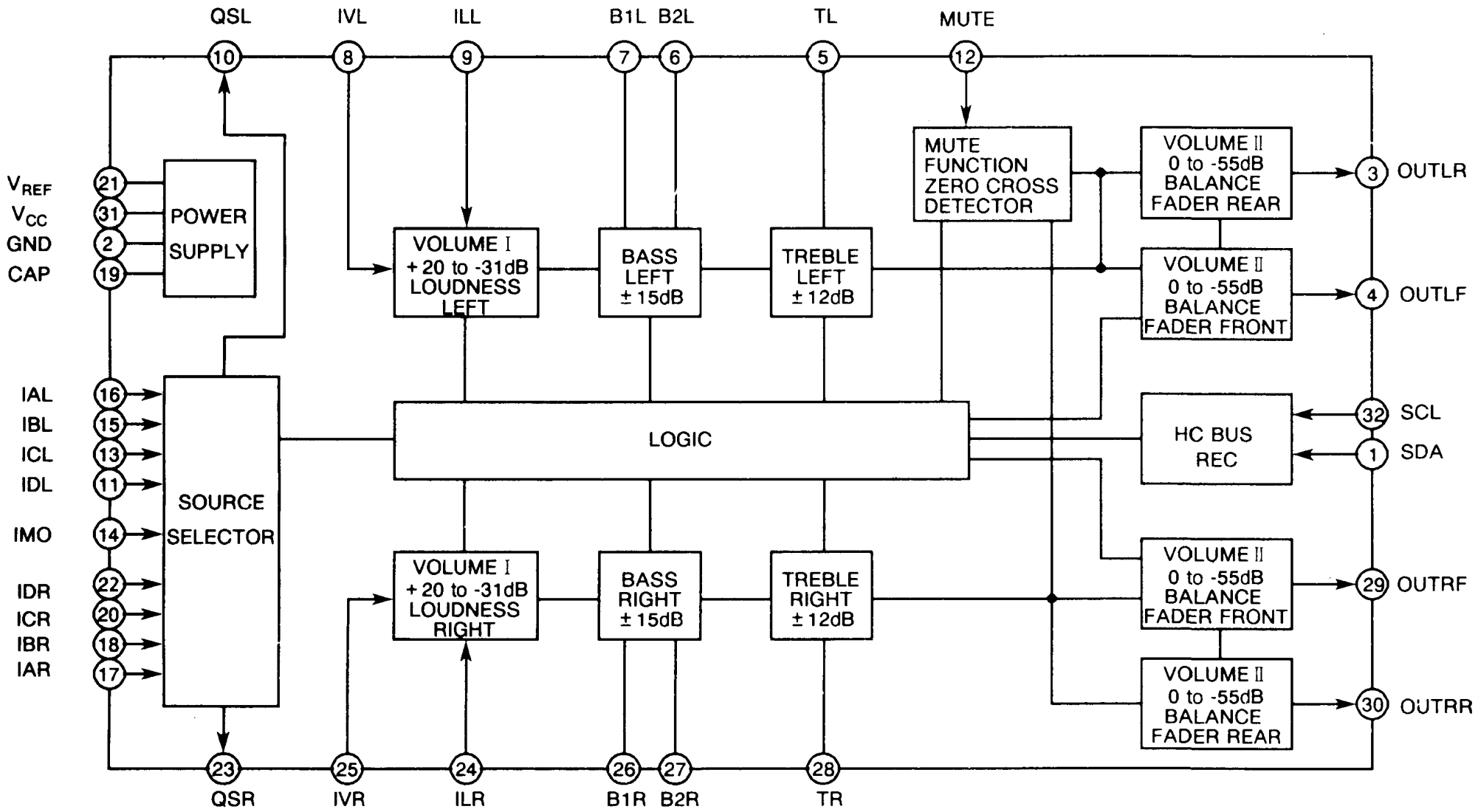
CJ640
E-9188
I.R. IC902
LCD DRIVER IC901
LCD901
VDD 5V
SWITCH Q901
D906
<Only for CQ-DPX152U>

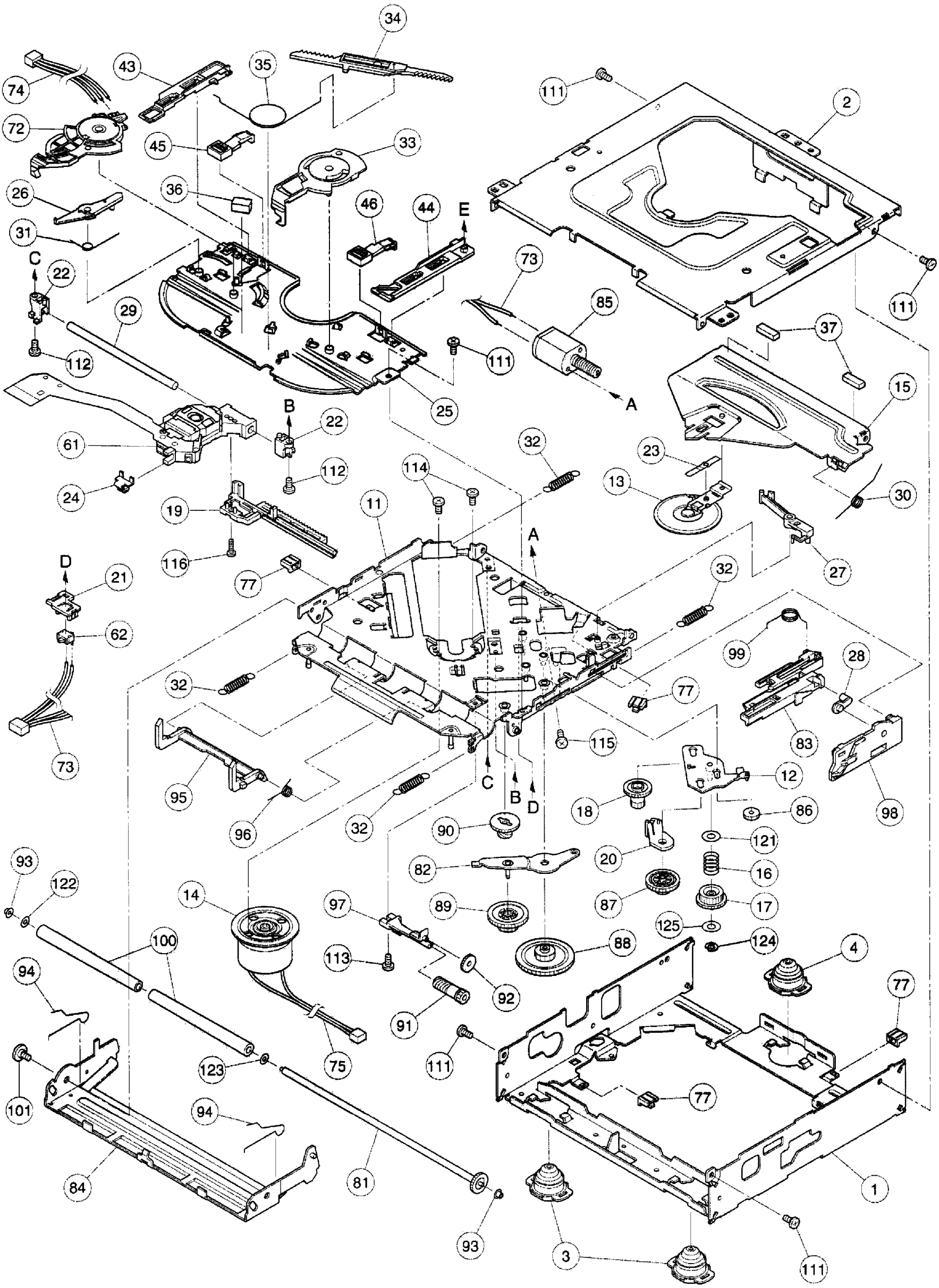

VO1 (-)
VO1 (+)
VIN1
VIN1'
REG-B
REG OUT
MUTE
GND
VIN2'
VIN2
VO2 (+)
VO2 (-)
GND
CP OUT
GND
VO4 (-)
VO4 (+)
VIN4
VIN4'
BIAS IN
VCC
VCC
VCC
VCC
VIN3'
VIN3
VO3 (+)
VO3 (-)
OP IN (+)
OP IN (-)
D. BUF
D.BUF
LEVEL SHIFT
TSD
REGULATOR
DRIVER MUTE


XIN 24
XOUT 1
FMIN 16
AMIN 15
CE 2
DI 3
CL 4
DO 5
VDD 17
VSS 19
REVERENCE DEVIDER
PHASE DETECTOR CHARGE PUMP
SWALLOW COUNTER 1/16,1/17 4bits
12bits PROGRAMABLE DIVIDER
UNIVERSAL COUNTER
C2B I/F
DATA SHIFT REGISTAER LATCH
POWER ON RESET
18 PD1
21 PD0
11 HCTR
10 LCTR
20 PDS
22 XBUF
12 I/O-0
9 I/O-1
8 I/O-2
23 I/O-3
14 I/O-4
13 I/O-5
6 ADC-1
7 ADC-0

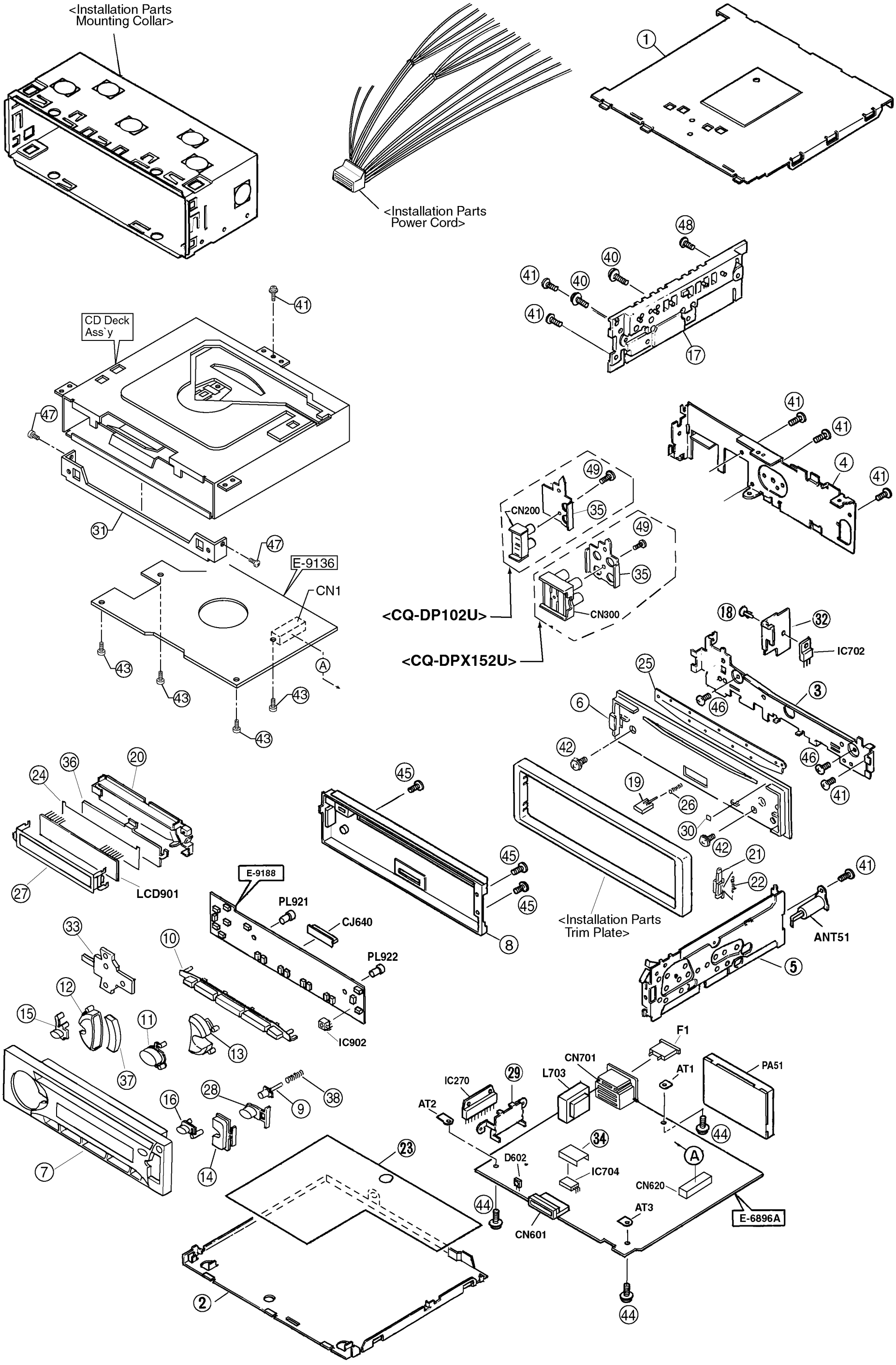

TAB
Vcc1
Vcc2
1
20
6
IN1
15
17
OUT1 (+)
18
GND1
19
OUT1 (–)
IN2
14
21
OUT2 (+)
24
GND2
23
OUT2 (–)
AUX IN
16
9
OUT3 (+)
IN3
11
8
GND3
7
OUT3 (–)
5
OUT4 (+)
IN4
12
2
GND4
3
OUT4 (–)
S.GND
13
10
4
22
25
RIP
STBY
MUTE
DIAGNOSIS OUT


AGC
FE
MIX
IF
DET
PNL
RF
MIX
IF
M
I
X
IF
DET
BUF
LO
OSC
AGC
MIX
FM POWER
AM POWER
SW
SW
SW
SW
SW
SW
1
2
3
6
7
8
9
10
20
12
13
15
17
16
19
18
4
5
11
14
21
NC
AM ANT
FM ANT
RF GND
VT
VCC
AM/FM SW
AM/FM OSC
AM/FM IF GND
AM 2ND OSC
L OUT
R OUT
IF
ST
V-SM
DET OUT
FM ST/MONO


QSL
IVL
ILL
B1L
B2L
TL
MUTE
10
8
9
7
6
5
12
V_{REF}
V_{CC}
GND
CAP
21
31
2
19
POWER SUPPLY
MUTE FUNCTION ZERO CROSS DETECTOR
VOLUME II 0 to -55dB BALANCE FADER REAR
3
OUTLR
VOLUME I +20 to -31dB LOUDNESS LEFT
BASS LEFT ±15dB
TREBLE LEFT ±12dB
VOLUME II 0 to -55dB BALANCE FADER FRONT
4
OUTLF
IAL
IBL
ICL
IDL
IMO
IDR
ICR
IBR
IAR
16
15
13
11
14
22
20
18
17
SOURCE SELECTOR
LOGIC
HC BUS REC
32
SCL
1
SDA
VOLUME I +20 to -31dB LOUDNESS RIGHT
BASS RIGHT ±15dB
TREBLE RIGHT ±12dB
VOLUME II 0 to -55dB BALANCE FADER FRONT
29
OUTRF
VOLUME II 0 to -55dB BALANCE FADER REAR
30
OUTRR
23
25
24
26
27
28
QSR
IVR
ILR
B1R
B2R
TR



FD15258
2002.3.17



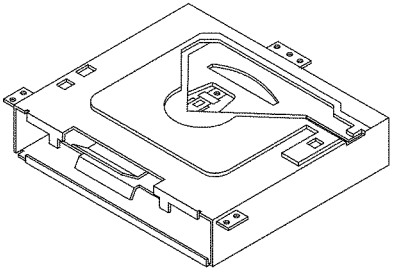
CQ-DPX152U/DP102U

CAUTION:

This product utilizes a laser diode with the unit turned "on", laser radiation is emitted from the pickup lens.

Laser radiation from the pickup lens is safety level, but be sure the followings:

1. Do not disassemble the optical pickup unit, since radiation from exposed laser diode is dangerous.
2. Do not adjust the variable resistor on the pickup unit. It was already adjusted.
3. Do not look at the focus lens using optical instruments.
4. Recommend not to look at pickup lens for a long time.



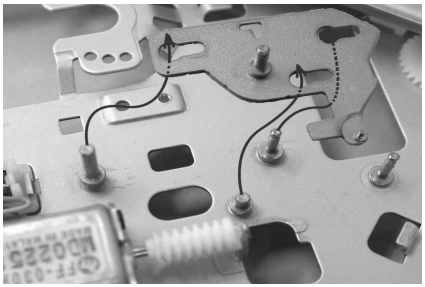
Deck Ass'y (Upper Side)

Caution

This Product utilizes a laser.

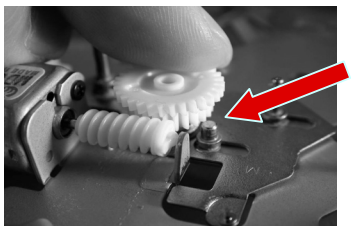
Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

1. Attach the CHANGE PLATE RIVET ASSY (12) to three shafts as shown below.



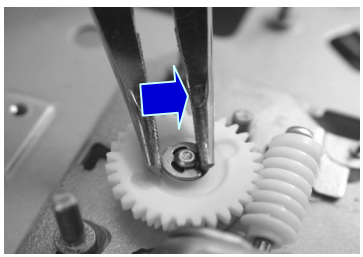
2. Insert the WASHER (121), CHANGE GEAR SPRING (16) and CHANGE GEAR 2 into the shaft of CHANGE PLATE RIVET ASSY.

* Never damage the GEAR by the top of shaft shown by arrow.

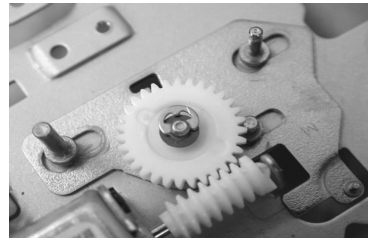


3. Insert the WASHER (125) to the shaft of CHANGE PLATE RIVET ASSY.

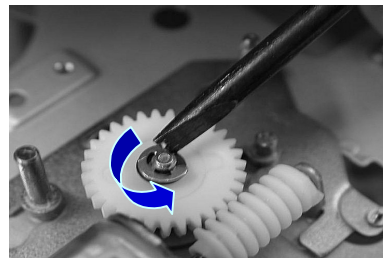
4. To inlet the E RING (124), sandwich the E RING and top of shaft by pliers and so on.



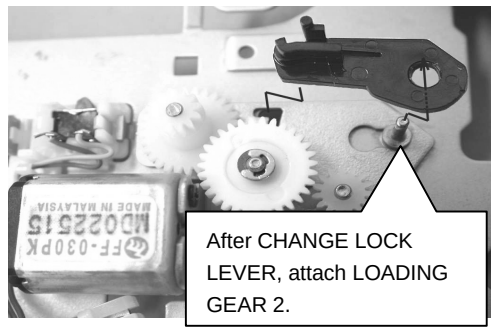
* Then they are mounted as shown below.



5. Make sure the E RING turn smoothly when it is turned.



6. Insert the boss of CHANGE LOCK LEVER M(20) to the L-type hole of CHANGE PLATE RIVET ASSY and attach it as shown below.



7. Insert the LOADING GEAR 2 (87) on the CHANGE LOCK LEVER until it snaps.

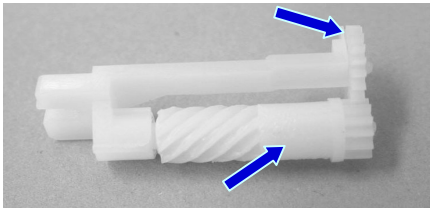
* Make sure the gears are fitted well.

1. Insert the LOADING GEAR 5 (90) until it snaps.

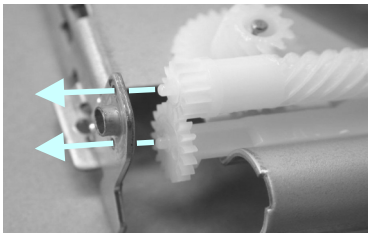
* Refer to item 3 of “4-10 Removing the LOCK ARM RIVET ASSY and LD GEAR BRACKET”.

2. Insert the LOADING GEAR 6 (91) and LOADING GEAR 7 (92) to the LD GEAR BRACKET (97) as shown below.

* Give care to the direction of LOADING GEAR 6.



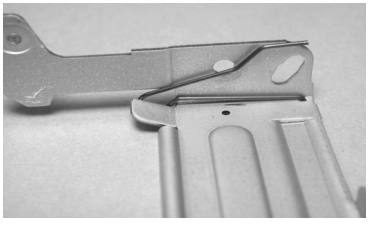
3. Fit the two bosses of LD GEAR BRACKET to the holes of chassis.



4. Mount it by two TAPPING BIND SCREWs 2x4 (113).

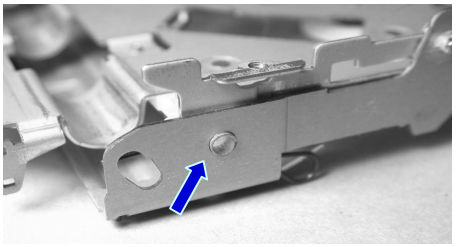
* Refer to item 2 of “4-10 Removing the LOCK ARM RIVET ASSY and LD GEAR BRACKET”.

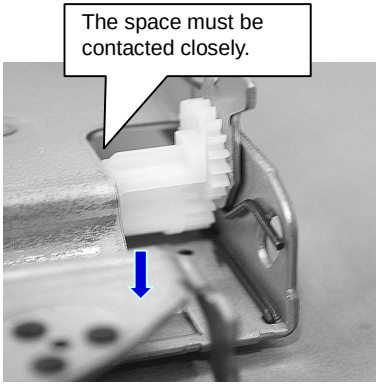
5. Place the ROLLER GUIDE SPRING temporally at the side of LOCK ARM RIVET ASSY (84) as shown below. (Only one side)



6. Fit the burring portion of chassis to the hole of LOCK ARM shown by arrow while shorting the ROLLER GUIDE SPRING.

* The spring is placed on the side of chassis.
* Make sure the chassis’s side is closely contacted with the inside of LOCK ARM.
* The other end of LOCK ARM is set after upper working.



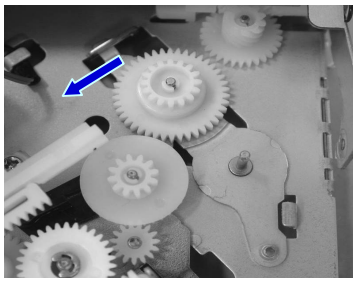


7. Tighten the PK COLLER SCREW A(101).

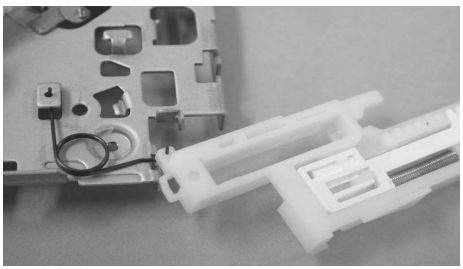
* Refer to item 1 of “4-10 Removing the LOCK ARM RIVET ASSY and LD GEAR BRACKET”.

1. Insert the LOADING GEAR 4 (89) to the LOADING GEAR PLATE RIVET ASSY (82) as shown below.

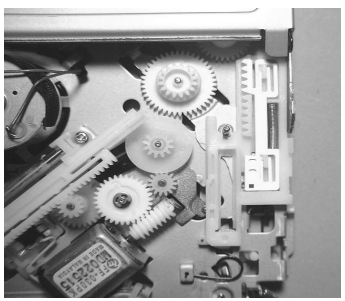
2. Place the PLATE as shown below in the direction of arrow.



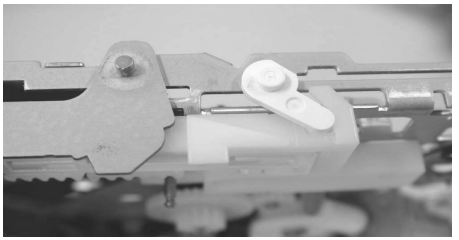
3. Hook the both ends of LOADING PLATE SPRING (99) to the chassis and LOADING PLATE ASSY (83) as shown below.



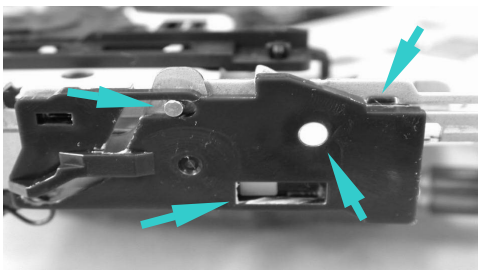
4. Attach the LOADING PLATE ASSY as shown below so that the SPRING is not removed.



5. Place the SLIDE HOOK (28) as shown below.

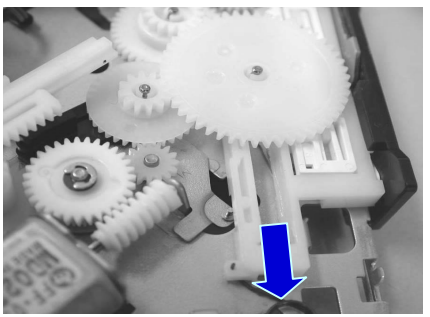


6. Fit the L SLIDE PLATE (98) to the followings.
   Square boss of LOADING PLATE ASSY
   Circle boss of SLIDE HOOK
   Stud of LOCK ARM RIVET ASSY
   And hook it to the L type hole of chassis.



7. Shift the LOADING PLATE ASSY to the arrow direction slightly.

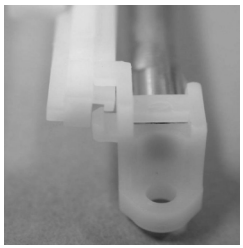
8. Then the fit LOADING GEAR 3 (88) to the deck.



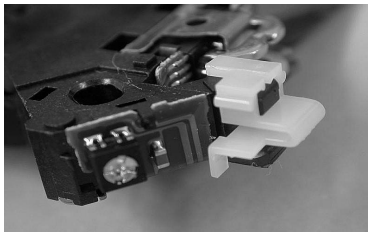
1. Turn up the bending portion of FEED SPR PLATE M(38) and mount it by the CAMERA P TAPPING 1.7x5 (116).

* Refer to item 5 of “4-8 Removing the PICK-UP UNIT”.

2. Insert the end of FEED RACK M(19) to PU SHAFT HOLDER M(22).

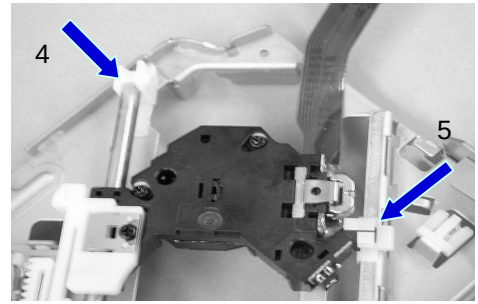


3. Mount the FD SUB HOLDER M(24) as shown below.

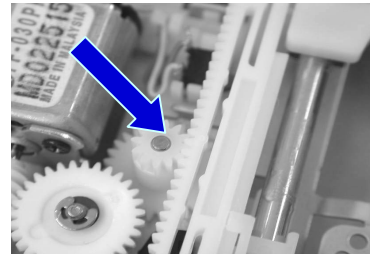


4. Insert the end of PU SHAFT M(29) to the PU SHAFT HOLDER (22) attached at chassis side.

5. Attach the FD SUB HOLDER on the rail of chassis.



6. Attach the FEED GEAR (18) so that it fits the FEED RACK.

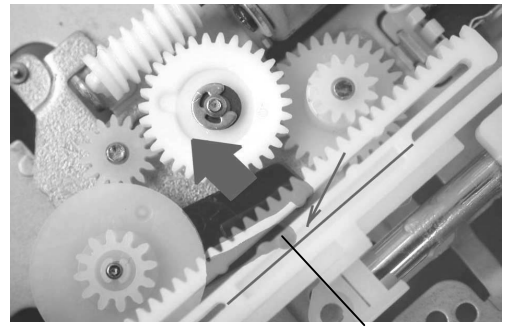


7. Shift the boss of CHANGE LOCK LEVER to the shown position.

8. Fit the screw hole of PU SHAFT HOLDER M to the screw hole of chassis.

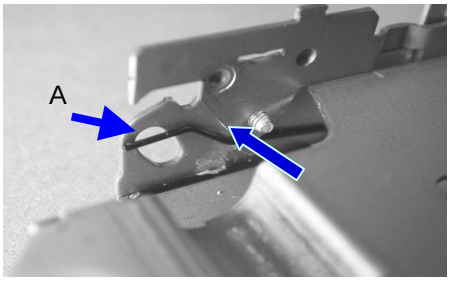
9. If the CHANGE LOCK LEVER don’t vacillate while shifting, tighten the TAPPING 2x4 (112).

* If it vacillates, the boss of CHANGE LOCK LEVER may ride on the FEED RACK M.

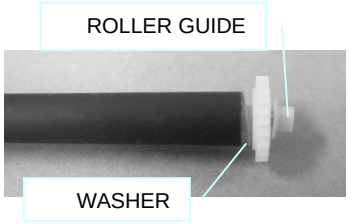


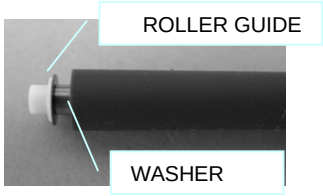
Boss of CHANGE LOCK LEVER M

1. Attach the left ROLLER GUIDE SPRING shown below. Place it at the side of chassis temporally.

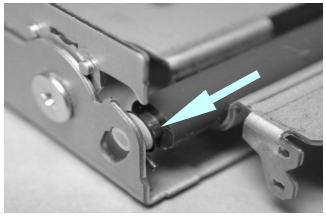


2 Attach the followings to the ROLLER SHAFT ASSY (81).
WASHER (123)
LDG ROLLER (100)
WASHER (122)
ROLLER GUIDE (92) x2





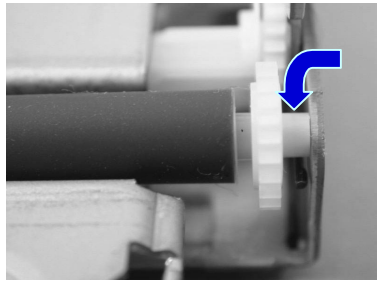
3. Then insert the ROLLER GUIDE to the chassis on the opposite side of A in item 1.



4. Hook the ROLLER GUIDE SPRING as shown in item 1 of “4-7 Removing the ROLLER”.

5. And press the ROLLER SHAFT in. Then the opposite SHAFT is set.

6. Shift the SHAFT to the right and move the ROLLR GUID SPRING to the correct position from the temporal position.

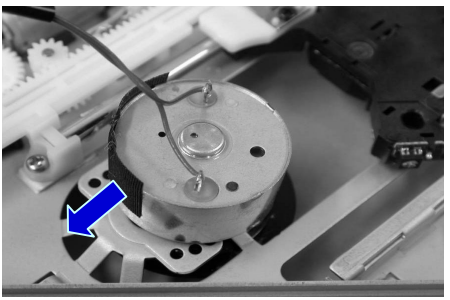


1. Move the PICK-UP UNIT to outer side than center.

   * Refer to “4-3 Moving the PICK-UP UNIT”.

2. Slide the SPINDLE MOTOR.

   * Never strike or damage the TURN TABLE. Or disc face swinging fault may occur.

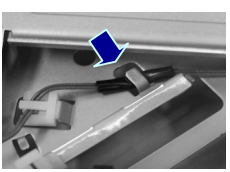


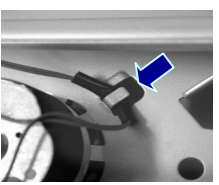
3. Turn the SPINDLE MOTOR so that the terminal positions are same with below picture.

4. Tighten the two CAMERA SCREWs 1.7x1.8 (114).

   * Refer to item 3 of “4-6 Removing the SPINDLE MOTOR”

5. Fix the wire at three positions.

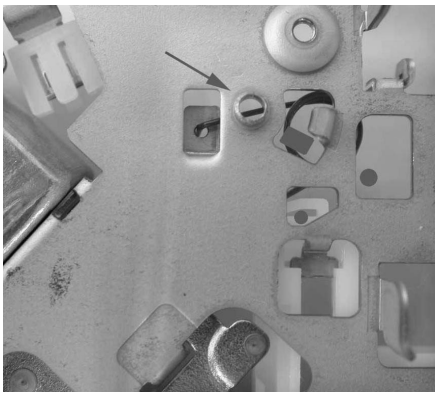


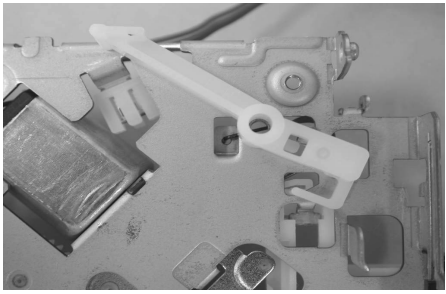


1. Move the PICK-UP UNIT to the PLAY position.

   * Refer to “4-3 Moving the PICK-UP UNIT”.

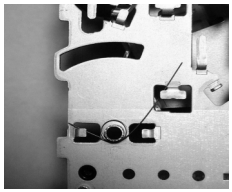
2. Fit the TRIGGER ARM’s two-circle bosses and L type boss and fit its fulcrum circle to the hole shown by arrow.



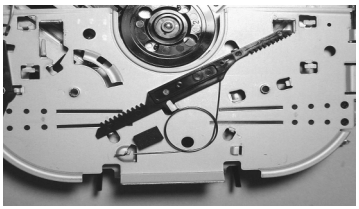


   * Mind it because it may get away easily until mounting the CLAMPER ARM M(15)

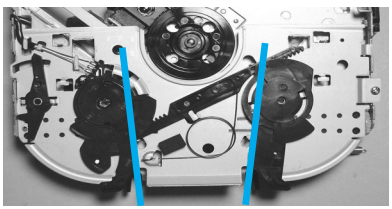
1. Hook the SELECT LOCK ARM SPRING (31) temporally as shown in the below left picture.
2. Mount the SELECT LOCK ARM (26) so that the SPRING position is the same with the below right picture.



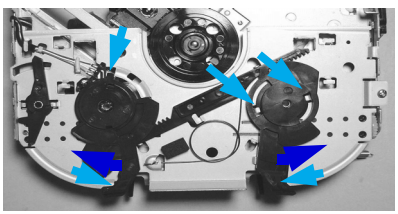
3. Hook the LINK PLATE SPRING (35) to the LINK PLATE (34) and set it in the position shown below.



4. Place the MODE SW (72) and SELECT ARM R (33) at the shown angle in the position where they are fitted for the teeth of LINK PLATE.

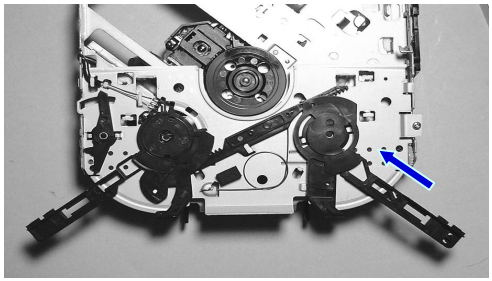


5. To let claws shown by arrows get under the TOP PLATE's bend portion, turn the MODE SW and SELECT PLATE R to the outside direction respectively.

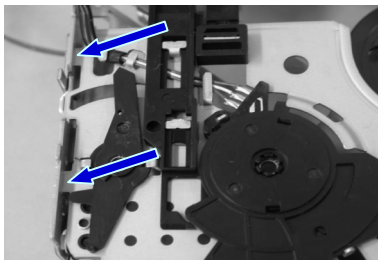


6. Attach the SELECT PLATE L (43) and SELECT PLATE R (44) as shown below, and insert them to the TOP PLATE's bend portion.

7. Mount the SELECT PIECE L (45) and SELECT PIECE R (46).



8. Insert the two saliencies of TOP PLATE (25) to the chassis's hole
9. Tighten the TAPPING 2x3 (111) at opposite side.
   * Refer to item 4 of "4-4 Removing the TOP PLATE".



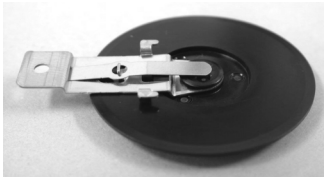
10. Fix the SW WIRE ASSY (74) as shown below.

11. Lead it to the rear side.

This section describes for CLAMPER ASSY and CLAMPER SUB SPRING.

1. Place the CLAMPER ASSY (13) and CLAMPER SUB SPRING (23) as shown below.

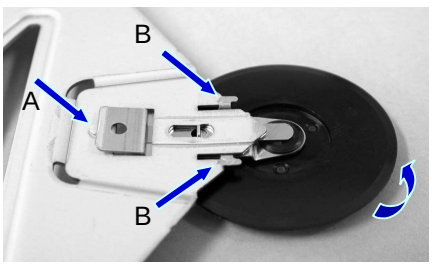
   * The CLAMPER SUB SPRING should be placed so that the bend portion forms mountain shape.



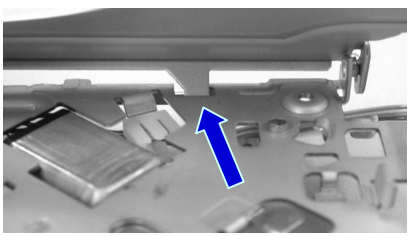
2. Fit the boss of CLAMPER ARM M(15) to the bend portion of CLAMPER ASSY shown by arrow A.

3. Slide it so that the arms shown by arrow B are hooked to the CLAMPER ARM.

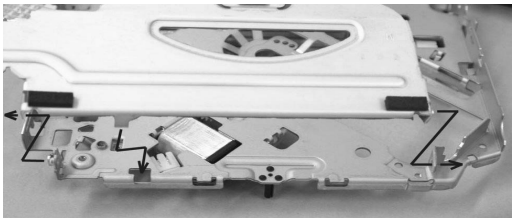
4. Fit the hole of CLAMPER ASSY to the boss of CLAMPER ARM at arrow A.



5. Fit the saliency of CLAMPER ARM M to the different shape hole of chassis.



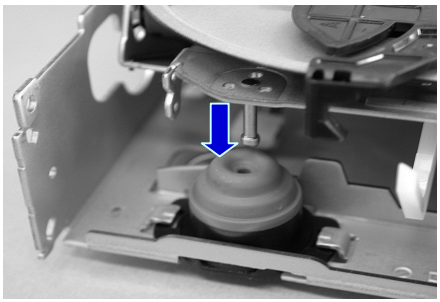
6. Fit the fulcrums of CLAMPER ARM M to the chassis as shown below.



For Old Damper Version (Ver. 1.0)
(An alphabet is not printed at the top of deck code.)

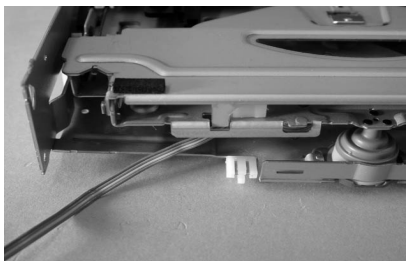
1. Insert the three PINs of chassis unit to the DAMPER F (3) and DAMPER (4) of the FRAME.

* If the top of PIN is coated with alcohol, it is easily inserted.



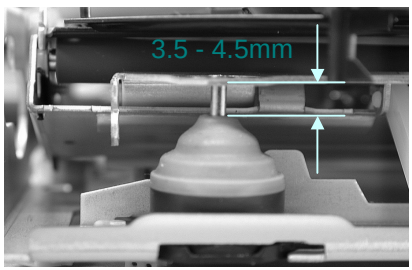
2 Lead the 4-pin wire to outside of FRAME, and lead the 2-pin /3-pin wires to inside of FRAME.

* Never shut the PICK-UPFPC and wires between chassis and FRAME.



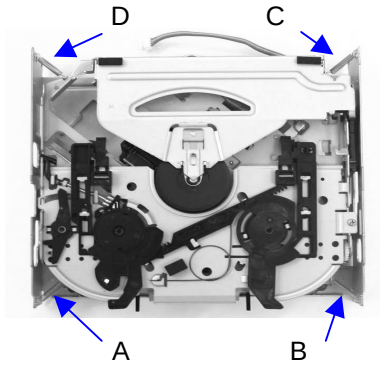
3. Make sure the visible PIN length is between 3.5 and 4.5 mm as shown below.

* If the length is longer than 4.5 mm, the PIN may not be inserted correctly.



4. Hook the four SUPENSION SPRINGs MS (32). Each position is shown in detail respectively.

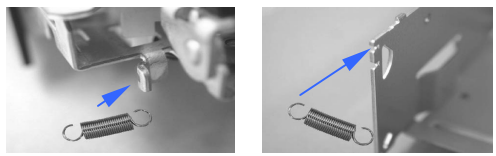
* For old damper version, hook them to upper side of two steps.



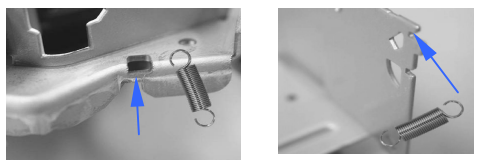
A:

B:

C:



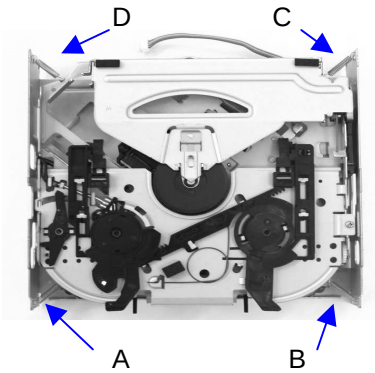
D:



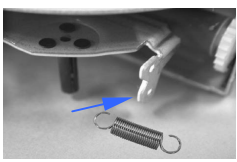
A Code version (Ver. 2.0)
(“A” is printed at the top of deck code.)

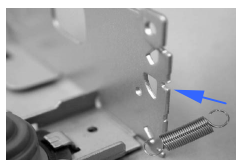
1. Hook the four SUPENSION SPRINGs MS (32). Each position is shown in detail respectively.

   * For alphabet code version, hook them to lower side of two steps.

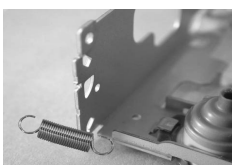


A:

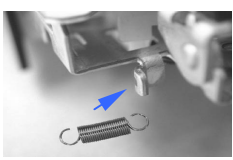


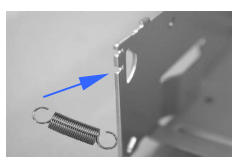


B:

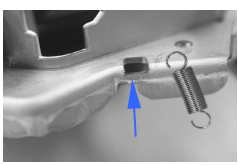


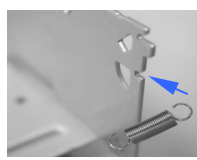
C:





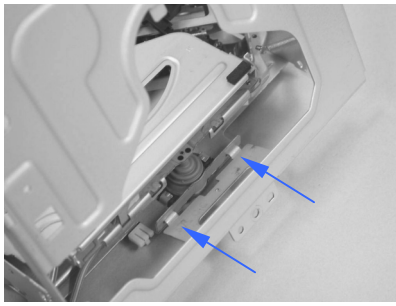
D:



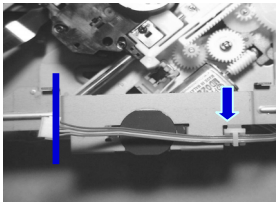


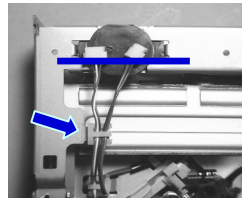
1. Insert the claws of TOP COVER (2) to the holes of FRAME M(1).

2. Close the TOP COVER so that the side bend of TOP COVER is positioned at outside of FRAME and the bend for screw is positioned at inside of FRAME

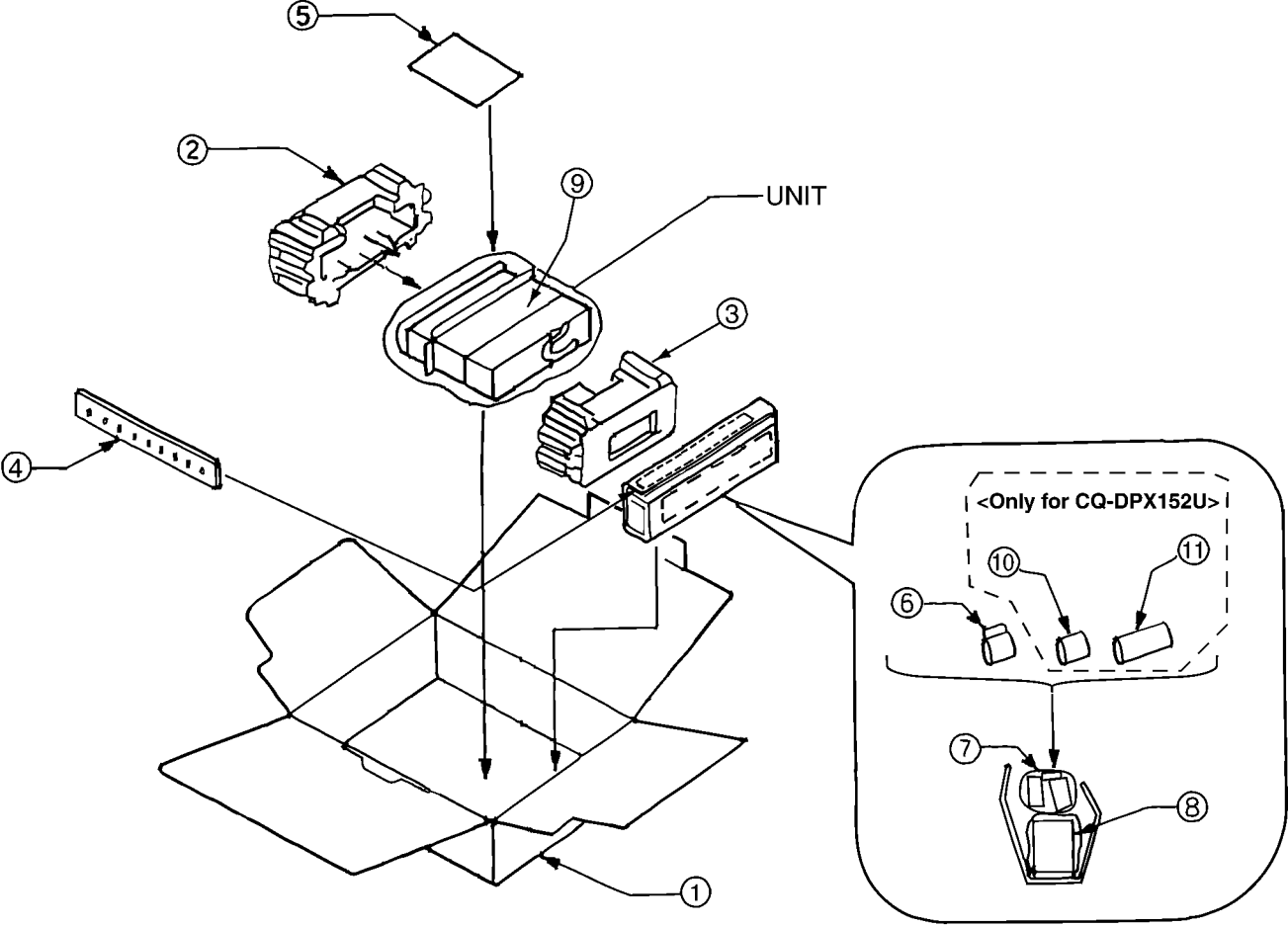


3. Fix the harness wires by using the WIRE CLAMPER M(77) as shown below.



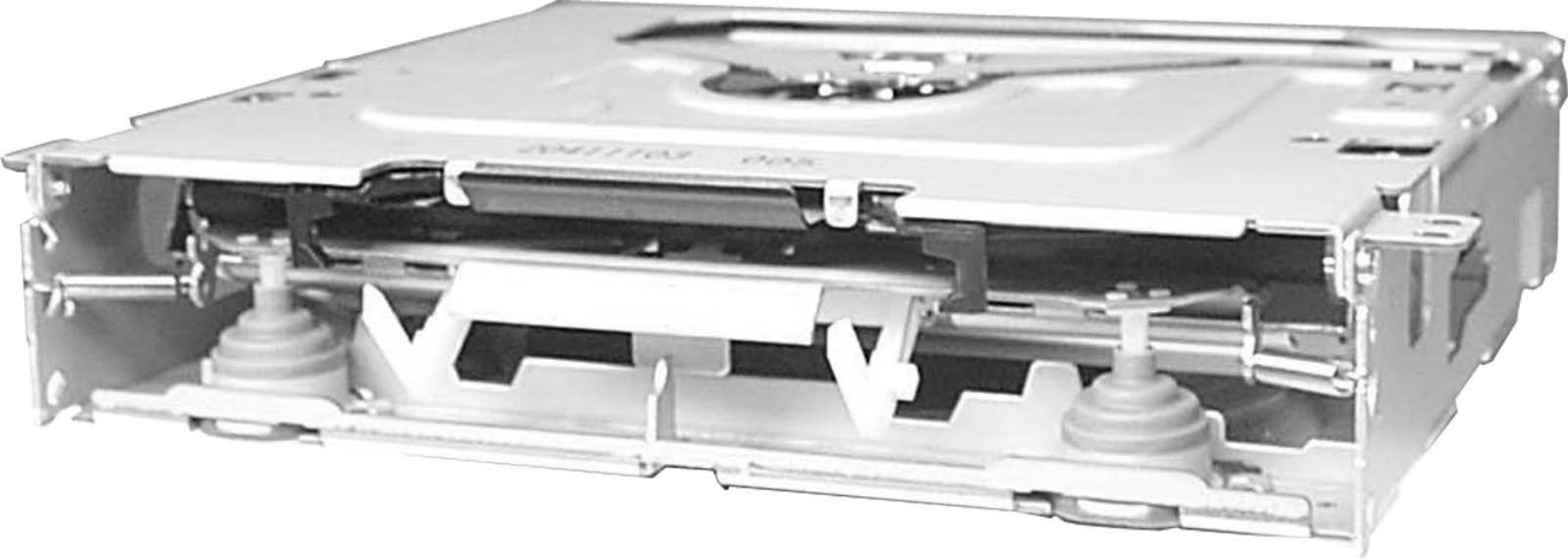


4. Tighten the four TAPPING 2x3 (111).

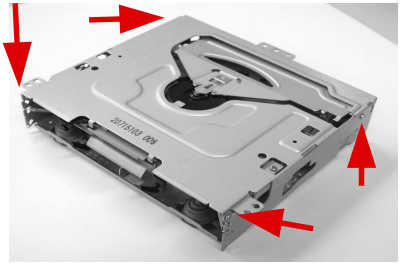


• Item numbers listed below should not order regular spare parts. **(not available)**

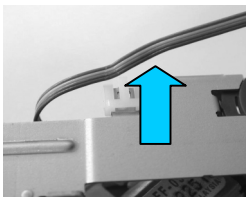
Item No.	Part No.	Part Name & Description	Q'ty	Remarks
1	–	Inner Carton	1	Not available
2	–	Packing Pad Front	1	Not available
3	–	Packing Pad Rear	1	Not available
4	YEFG04019	Rear Support Strap	1	
5	YEP9PR3648	Instruction Book Kit <CQ-DPX152U>	1	Not available
	YEP9PR3649	Instruction Book Kit <CQ-DP102U>	1	Not available
	YEFM283892	Instruction Book	(1)	
		Warranty Card	(1)	Not available
		Servicenter List	(1)	Not available
6	YEP9FZ2714	Screw Kit	1	
7	YEAJ02842	Power Connector	1	
8	YEFA131551	Front Plate Case	1	
9	YEFX0214198	Mounting Collar	1	
10	CR2025/1F	Battery <Only for CQ-DPX152U>	1	
11	YEFX9992013	Remote Controller <Only for CQ-DPX152U>	1	

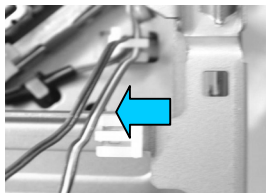


1. Remove the four screws for TOP COVER (2) shown below.



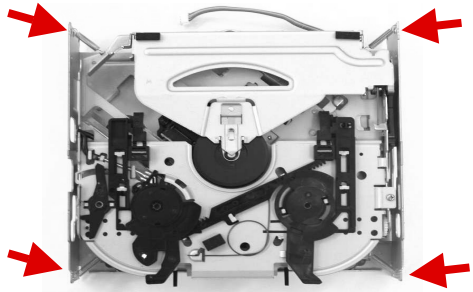
2. Remove the three wires from the WIRE CLAMPER M(77).



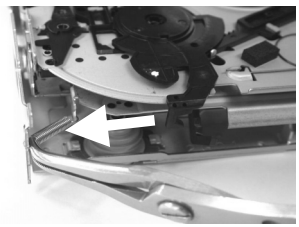


3. Open the front side and remove the TOP COVER M (2).

4. Remove the four SUSPENSION SPRINGs MS(32) connecting to the FRAME (1).



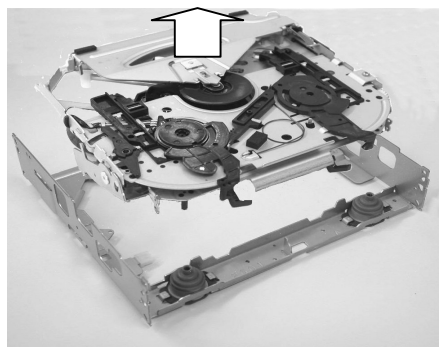
* Never change the shape of spring hook.



5.

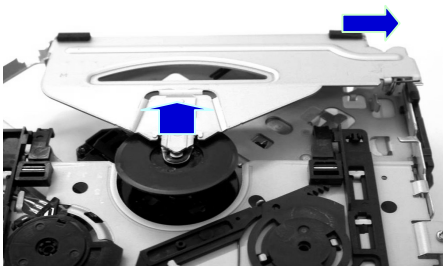
For A code Version (Ver. 2.0)
(“A” is printed at the top of deck code.)
Check that wires and FPC of PICK UP are not hooked to the FRAME and then remove the internal mechanism.

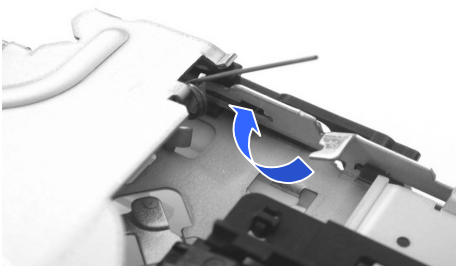
For Older Damper Version (Ver. 1.0)
(An alphabet is not printed at the top of deck code.)
Check that wires and FPC of PICK UP are not hooked to the FRAME and then remove the internal mechanism. Pull out the DAMPER (3) and DAMPER (4) vertically.



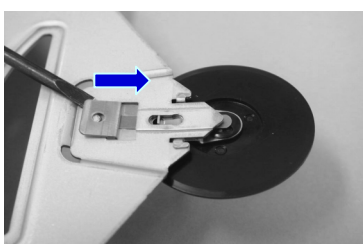
This section describes for CLAMPER ASSY and CLAMPER SUB SPRING.

1. To unhook the CLAMPER ARM SPRING M(30), lift the CLAMPER ARM (15) and shift it to the right.



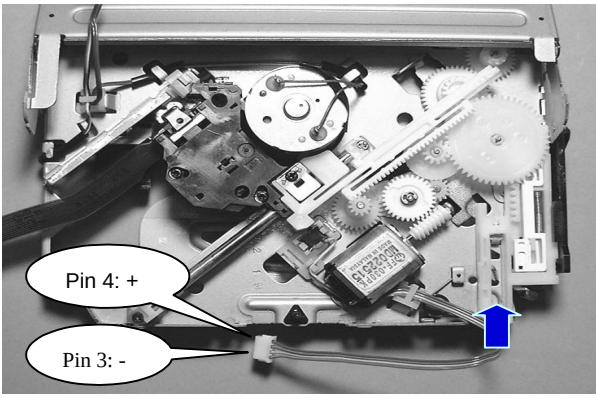


2. To remove the CLAMPER ASSY (13) and CLAMPER SUB SPRING (23), lift the bend position and shift to the arrow direction.

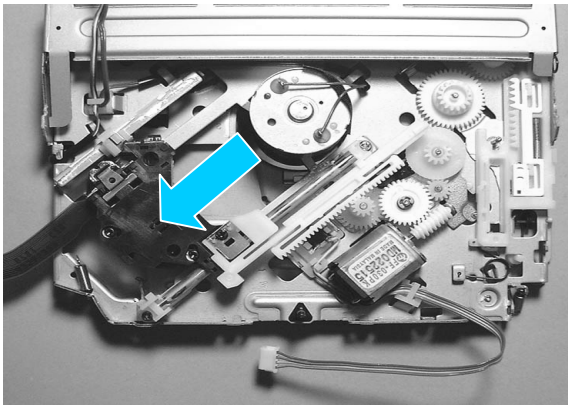


The unit can move the PICK-UP UNIT to EJECT or PLAY position.

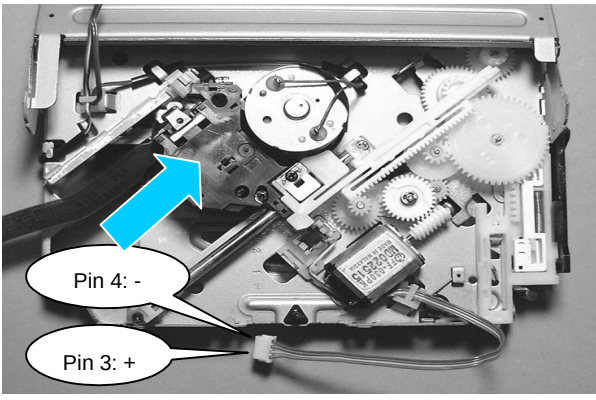
1. Apply 3V – 5V power to the Pin 4 of four-pin connector and GND to the Pin 3 (White marking).
2. Press the LOADING PLATE ASSY (83) to the arrow direction softly. Then the PICK-UP UNIT moves to PLAY position.



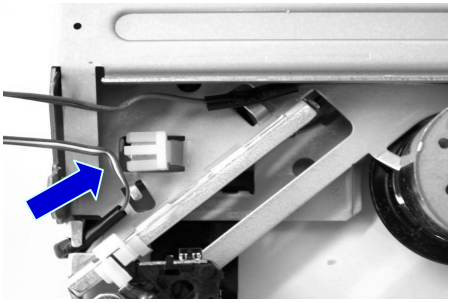
3. Stop the PICK-UP UNIT when it reaches the EJECT position.



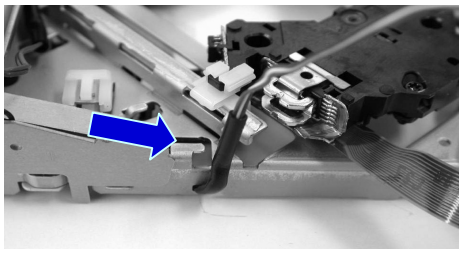
4. To return it to EJECT position, apply the reverse polarity power.



1. Unhook the wire shown below from the WIRE CLAMPER (77).



2. Unhook the wire shown below.

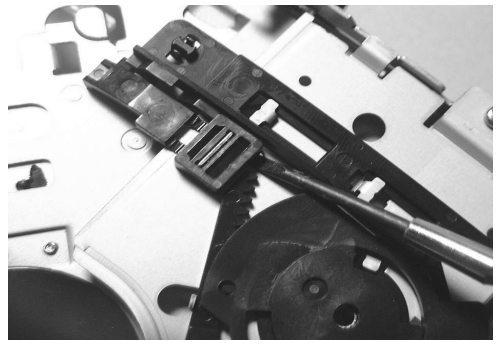


3. Remove the screw shown below.

4. Remove the TOP PLATE ASSY while minding wires.

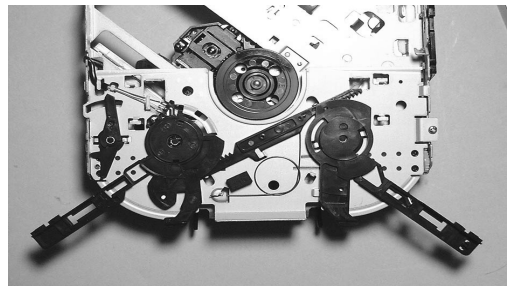
5. Remove the SELECT PIECE L (45) and SELECT PIECE R (46) by using a minus screw driver as shown below.

* Never change the bend position shape of TOP PLATE (25).
* After removing them, make sure that the bend portion is correctly vertical.
* The SELECT PIECE L and SELECT PIECE R can be reused.

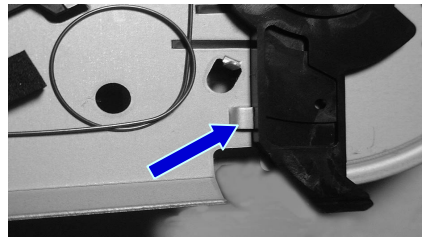


6. Turn the SELECT PLATE L (43) and SELECT PLATE R (44) as shown below

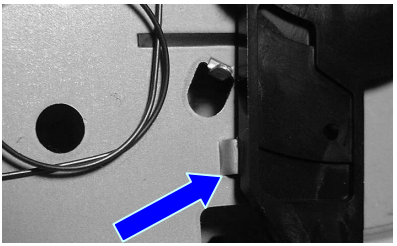
7. Remove them while lifting the boss of SELECT ARM R or boss of MODE SW.



8. To unhook the position of SELECT ARM R (33) shown below, lift the position.

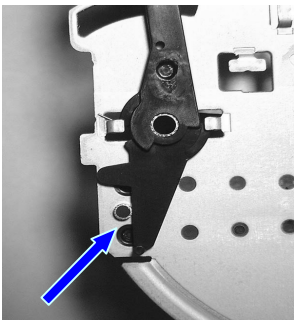


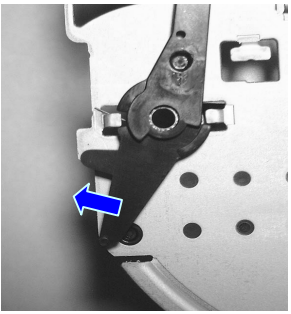
9. Then, the SELECT ARM R, LINK PLATE (34), LINK PLATE SPRING (35) and MODE SW (72) can be removed.



10. To unhook the position of SELECT LOCK ARM (26), warp the position shown below. Then remove it.

* This work must be done after removing the TOP PLATE.

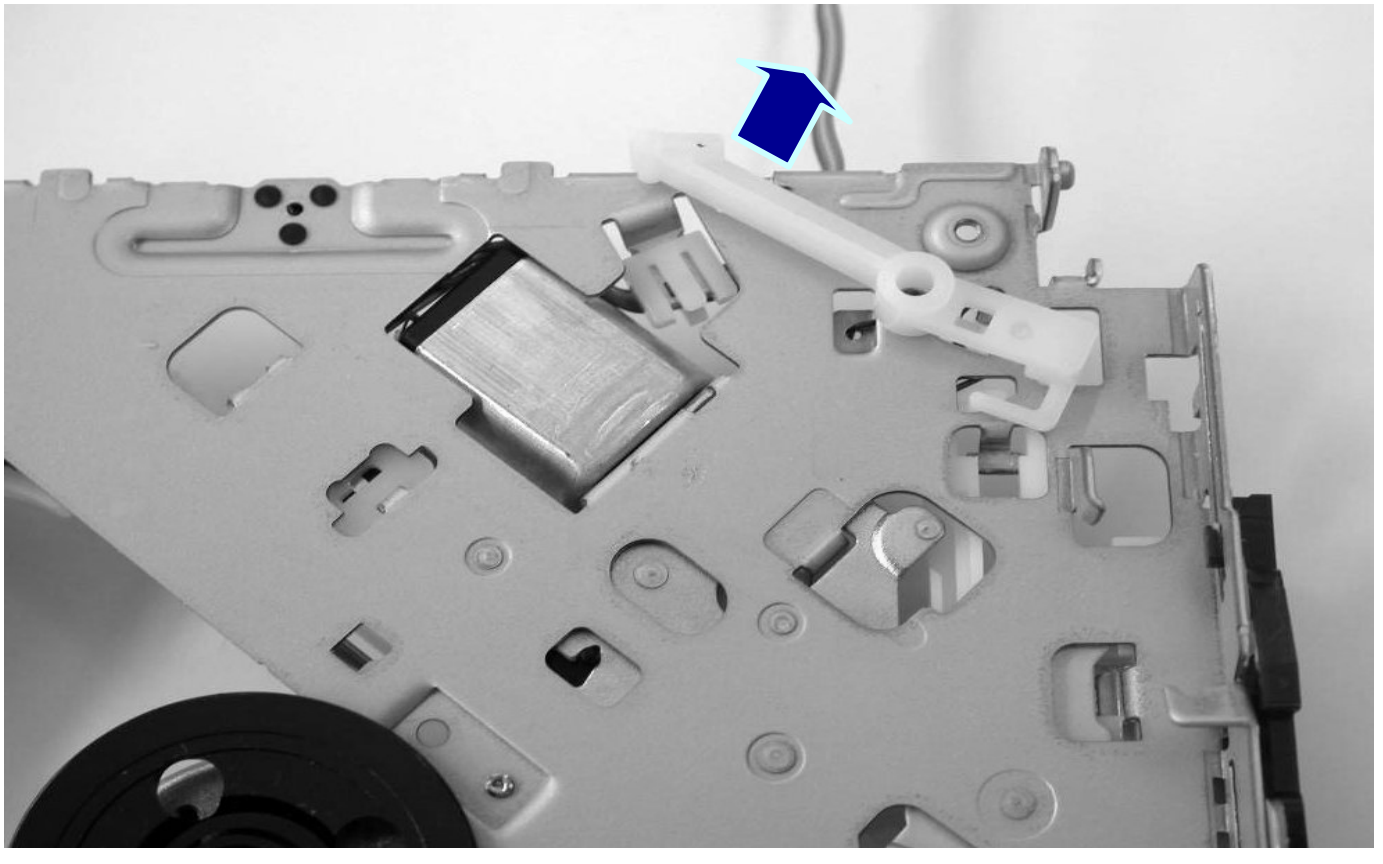




1. Move the PICK-UP UNIT to the PLAY position.

   * Refer to “4-3 Moving the PICK-UP UNIT”.

2. To remove the TRIGGER ARM M(27), turn it to the arrow direction and lift it.

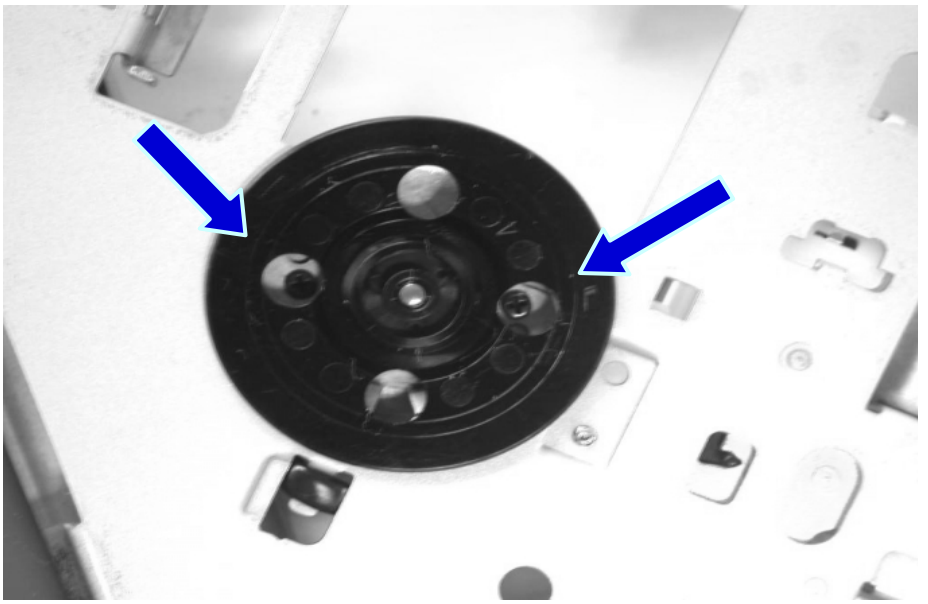


4-5 Removing the TRIGGER ARM

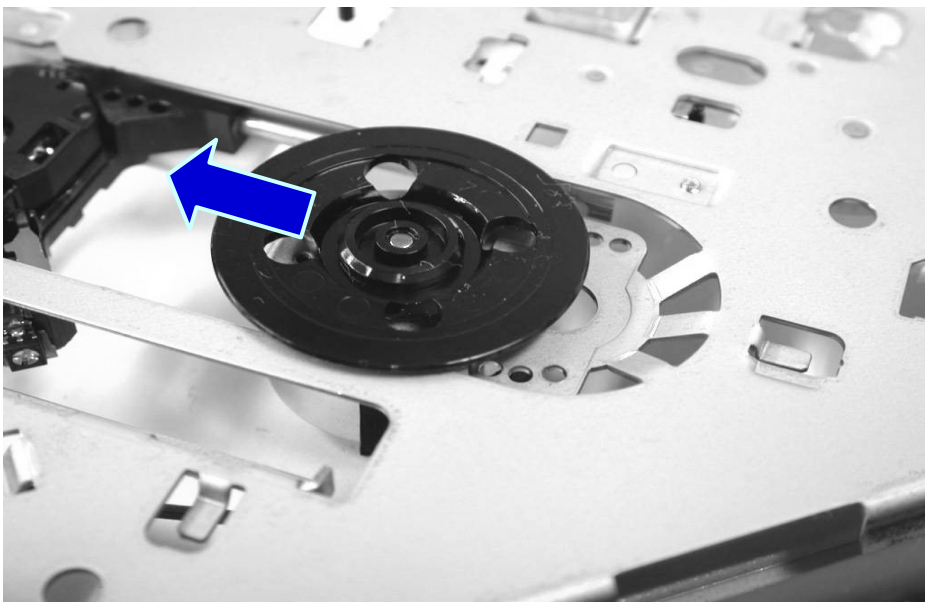
1. Move the PICK-UP UNIT to the PLAY position.

   * Refer to “4-3 Moving the PICK-UP UNIT”.

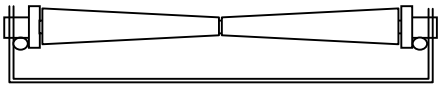
2. Fit the holes shown by arrows to the screws.
3. Remove two screws.



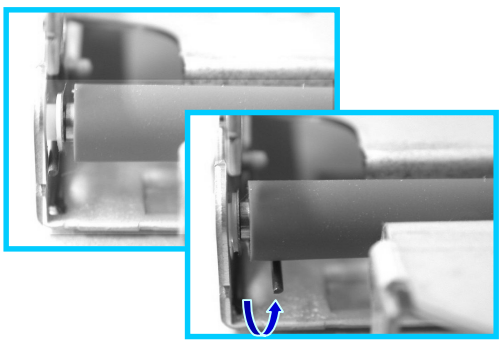
4. To remove the SPINDLE MOTOR, shift it while minding wires.



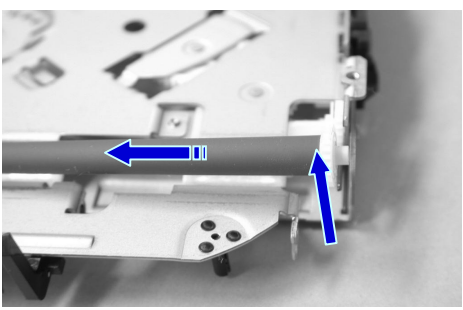
The below figure is peripheral parts of ROLLER.



1. Remove the right ROLLER GUIDE SPRING (94) and hook it as shown below temporarily.



2. To remove the SHAFT, shift the whole of ROLLER.

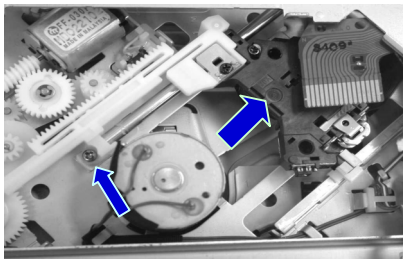


3. Then the followings can be removed.
   Left ROLLER GUIDE SPRING
   ROLLER GUIDE (93)
   LDG ROLLER (100)
   ROLLER SHAFT ASSY (81)

1. Move the PICK-UP UNIT to the center position.

   * Refer to “4-3 Moving the PICK-UP UNIT”.

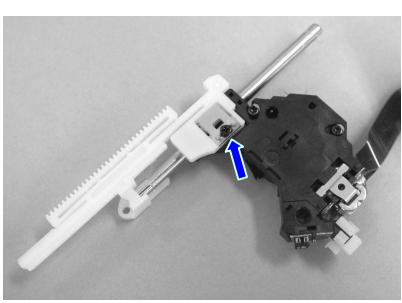
2. Remove two screws shown by arrows.



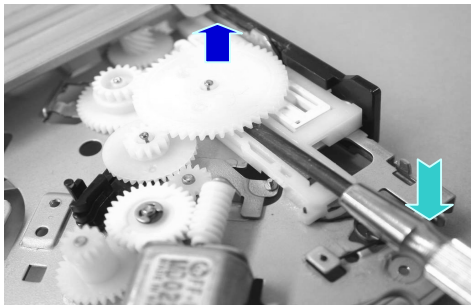
3. To remove the PU SHAFT M(29) with PICK-UP UNIT, lift the PU SHAFT HOLDER M(22) and pull it toward you as shown below.

4. Then the followings can be removed.
   PU SHAFT M(29)
   PU SHAFT HOLDER M(22)
   PU SHAFT HOLDER M attached on the chassis
   FD SUB HOLDER M(24)

5. Remove the screw shown by arrow. Then the FEED SPR PLATE M(38) and FEED RACK M(19) can be removed.

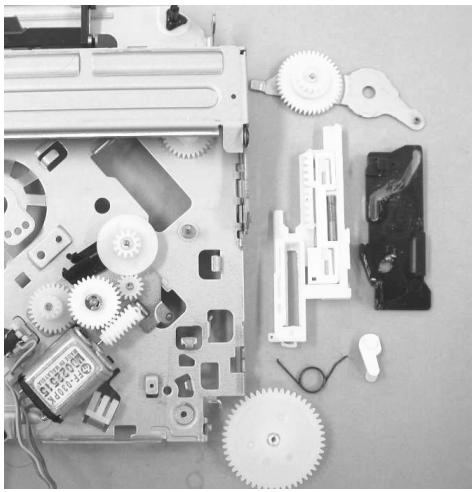


1. To remove the LOADING GEAR 3 (88), raise it with a lever by using a minus screw driver and so on.

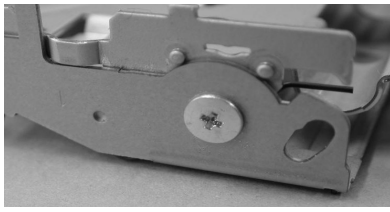


* Never damage the LOADING PLATE ASSY.
* The LOADING GEAR 3 is reuse impossible parts.

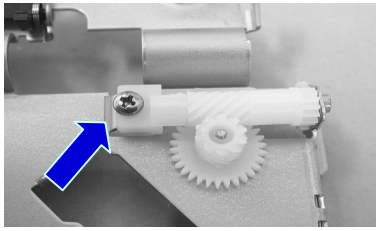
2. The followings can be removed.
   LOADING PLATE ASSY (83)
   L SLIDE PLATE (98)
   SLIDE HOOK (28)
   LOADING PLATE SPRING (99)
   LOADING PLATE ASSY (83)



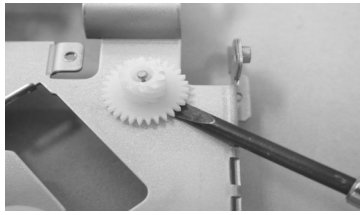
1. Remove the screw shown below. Then the LOCK ARM RIVET ASSY and right ROLLER GUIDE SPRING (94) can be removed.



2. Remove the screw shown below. Then the followings can be removed.
   LD GEAR BRACKET (97)
   LOADING GEAR 6 (91)
   LOADING GEAR 7 (92)

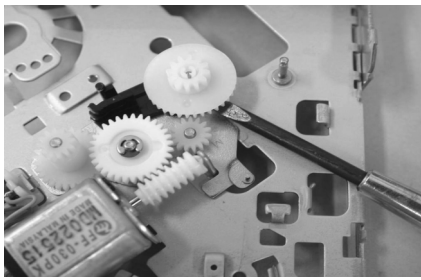


3. To remove the LOADING GEAR 5 (90), raise it with a lever by using a minus screw driver and so on.



* The LOADING GEAR 5 is reuse impossible parts.

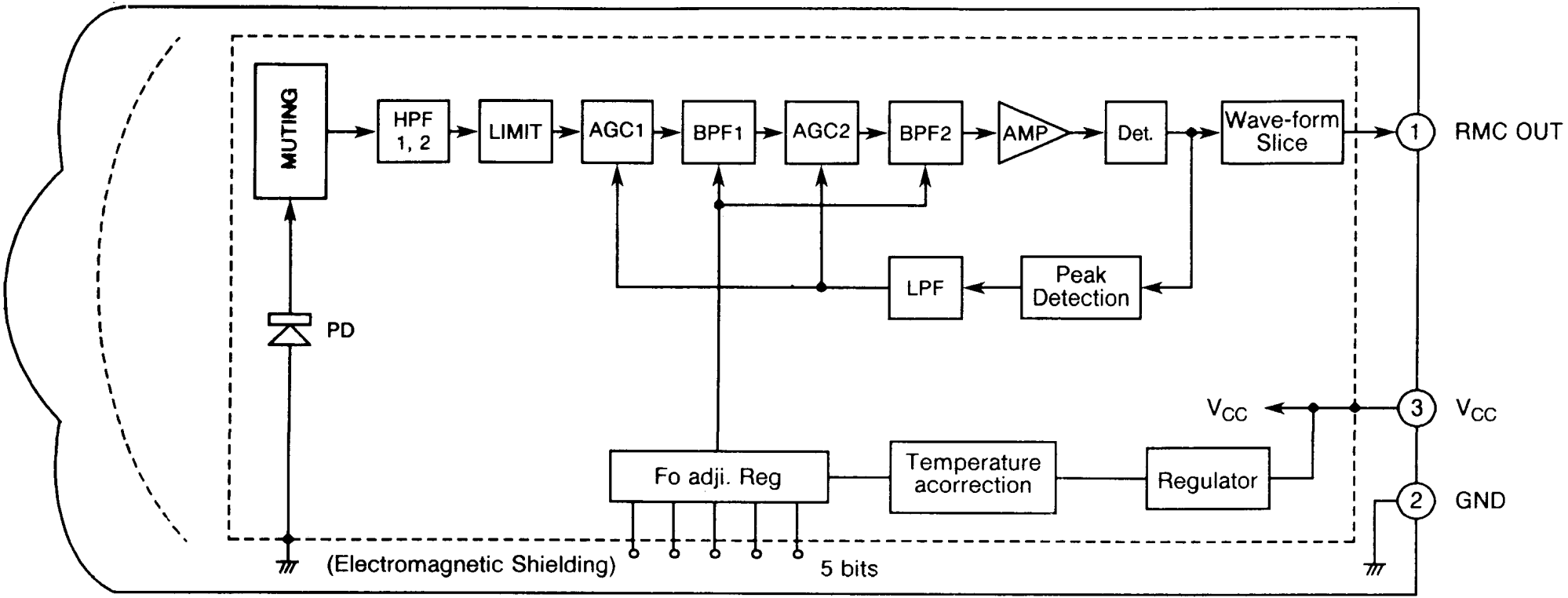
1. To remove the LOADING GEAR 2 (87), raise it with a lever by using a minus screw driver and so on.

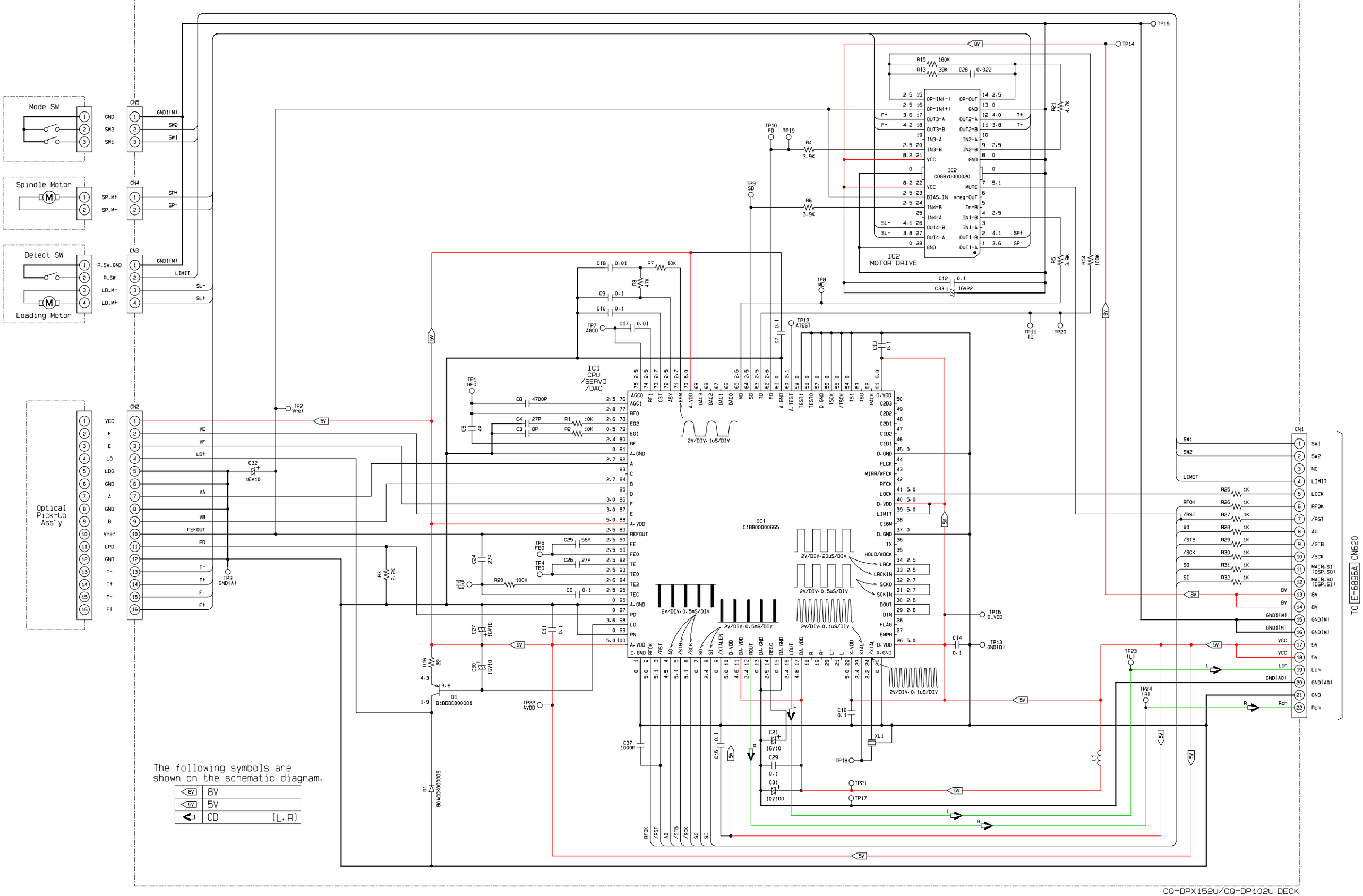


2. Then the followings can be removed.
   LOADING GEAR 1 (86)
   CHANGE LOCK LEVER M(20)
   FEED GEAR (18)

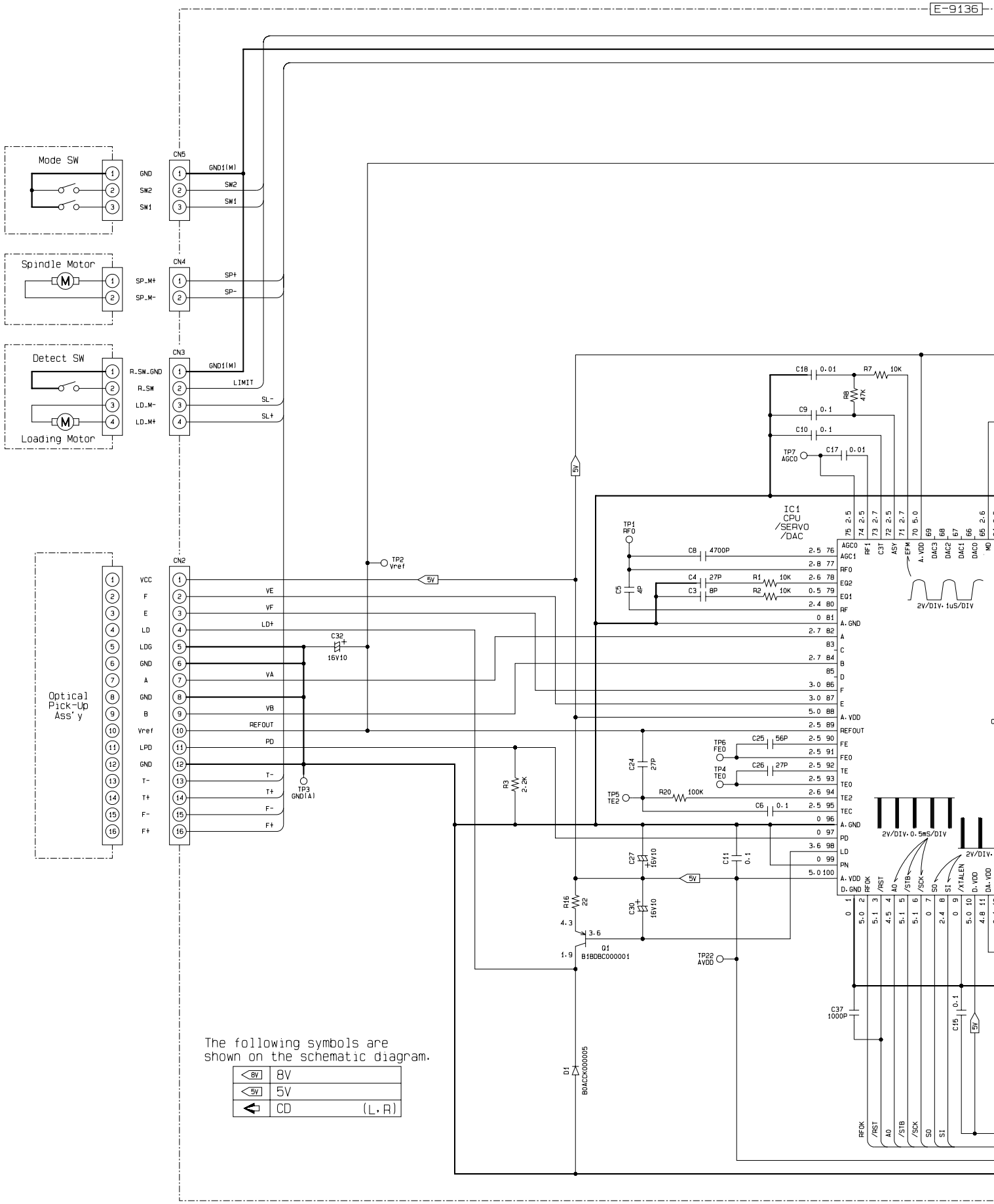
   * The LOADING GEAR 5 is reuse impossible parts.

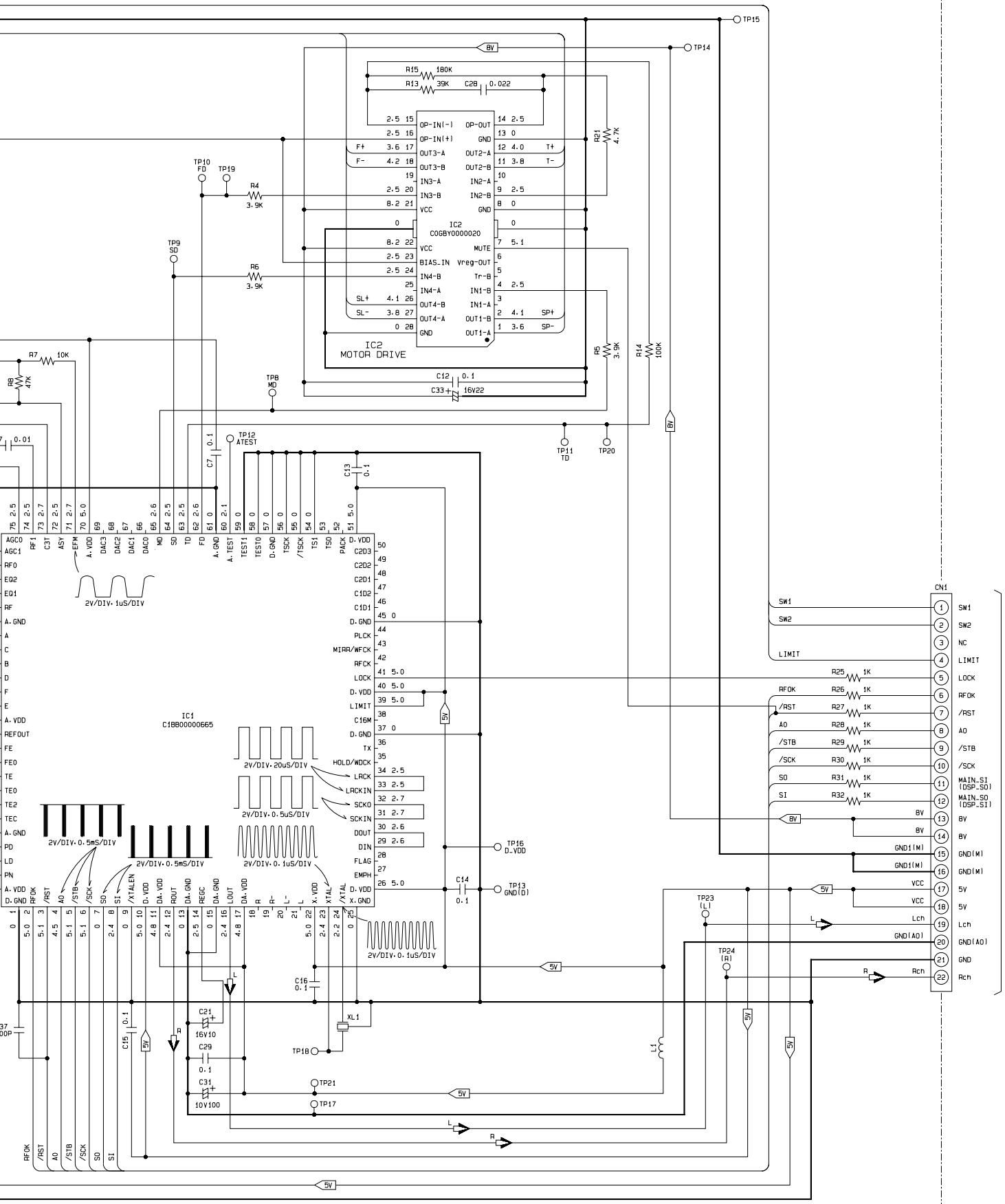
3. Remove the E RING (124) attached to the CHANGE GEAR 2. Then the followings can be removed.
   CHANGE GEAR 2 (17)
   CHANGE GEAR SPRING (16)
   WASHER (121)
   CHANGE PLATE RIVET ASSY (12)

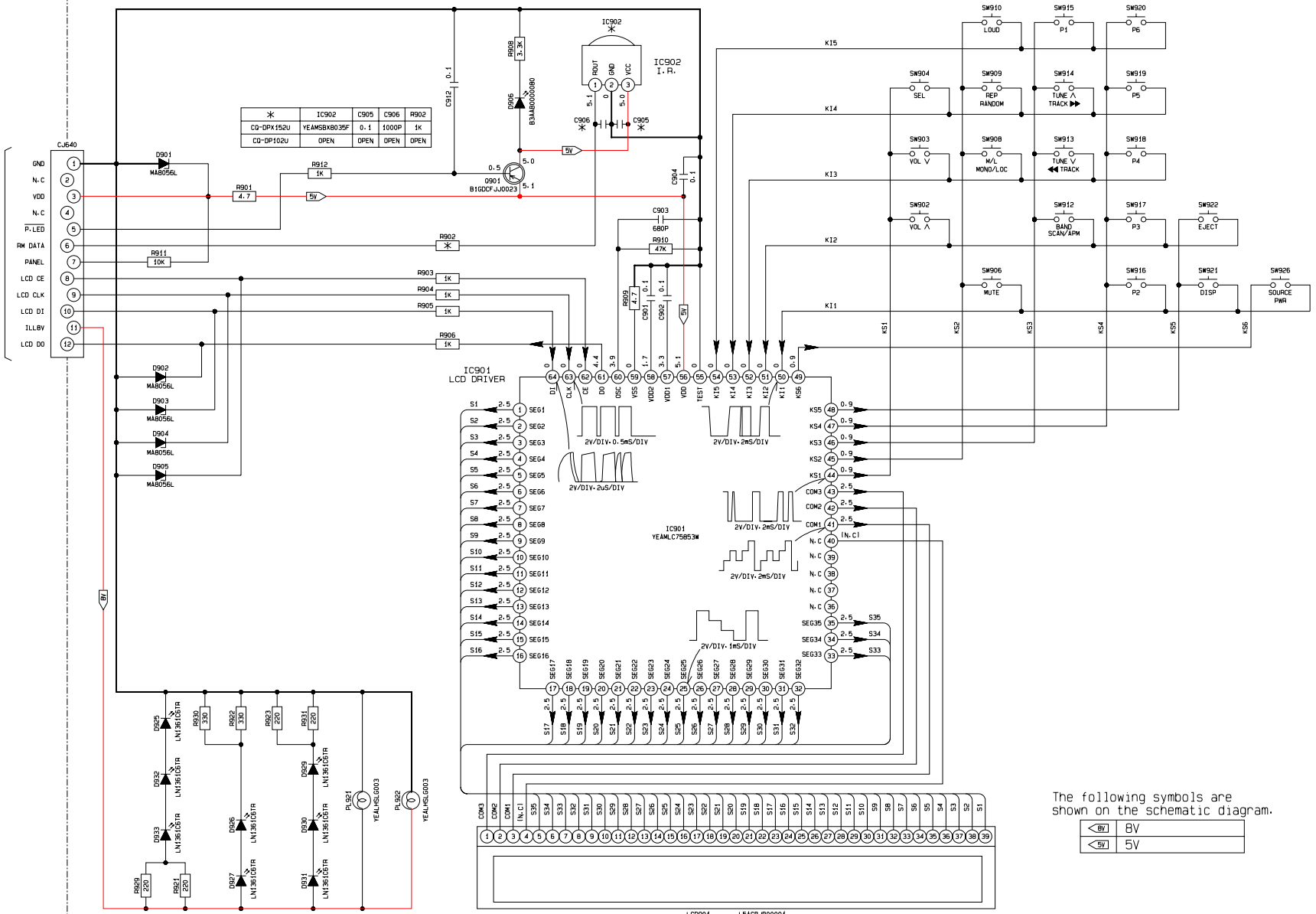

MUTING
HPF 1, 2
LIMIT
AGC1
BPF1
AGC2
BPF2
AMP
Det.
Wave-form Slice
1
RMC OUT
PD
LPF
Peak Detection
V_{CC}
3
V_{CC}
Fo adji. Reg
Temperature acorrection
Regulator
2
GND
(Electromagnetic Shielding)
5 bits


Mode SW
GND
SW2
SW1
CN5
GND1(M)
SW2
SW1
Spindle Motor
SP_M+
SP_M-
CN4
SP+
SP-
Detect SW
R_SW_GND
R_SW
LD_M-
LD_M+
Loading Motor
CN3
GND1(M)
LIMIT
SL-
SL+
Optical Pick-Up Ass'y
VCC
F
E
LD
LDG
GND
A
GND
B
Vref
LPD
GND
T-
T+
F-
F+
CN2
VE
VF
LD+
VA
VB
REFOUT
PD
IC2
MOTOR DRIVE
COGBY0000020
IC1
CPU /SERVO /DAC
IC1
C1BB00000665
Q1
B1BDBC000001
D1
B0ACCK000005
2V/DIV. 1uS/DIV
2V/DIV. 20uS/DIV
2V/DIV. 0.5uS/DIV
2V/DIV. 0.5mS/DIV
2V/DIV. 0.1uS/DIV
TO E-6996A CN620
The following symbols are shown on the schematic diagram.
8V 8V
5V 5V
CD (L,R)

18.2. CD Servo Block



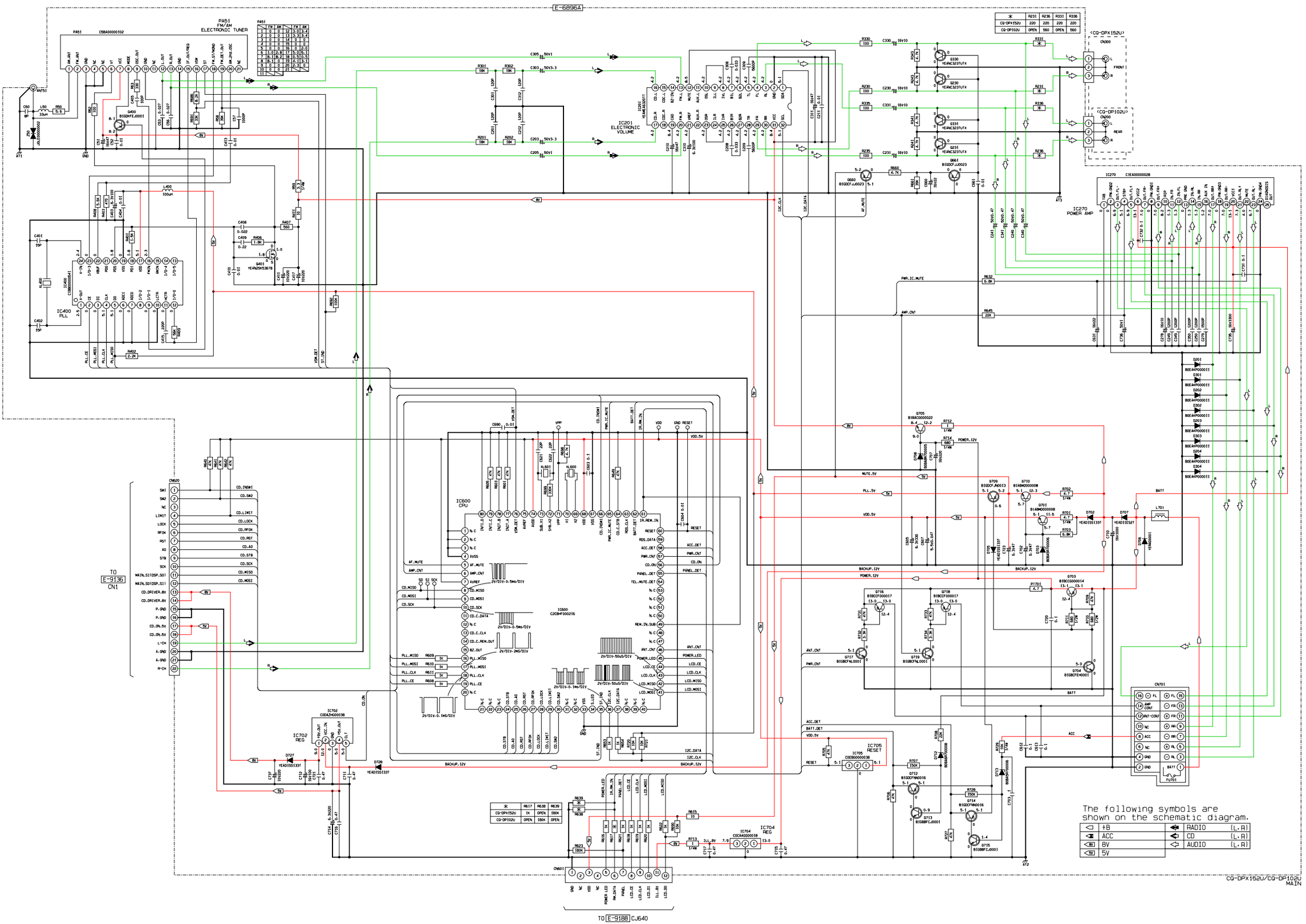

IC2
MOTOR DRIVE
IC2
C0GBY0000020
IC1
C1BB00000665
CN1
TO E-6896A CN620
2V/DIV. 1uS/DIV
2V/DIV. 20uS/DIV
2V/DIV. 0.5uS/DIV
2V/DIV. 0.5mS/DIV
2V/DIV. 0.1uS/DIV



*	IC902	C905	C906	R902
CQ-DPX152U	YEAMSBX8035F	0.1	1000P	1K
CQ-DP102U	OPEN	OPEN	OPEN	OPEN

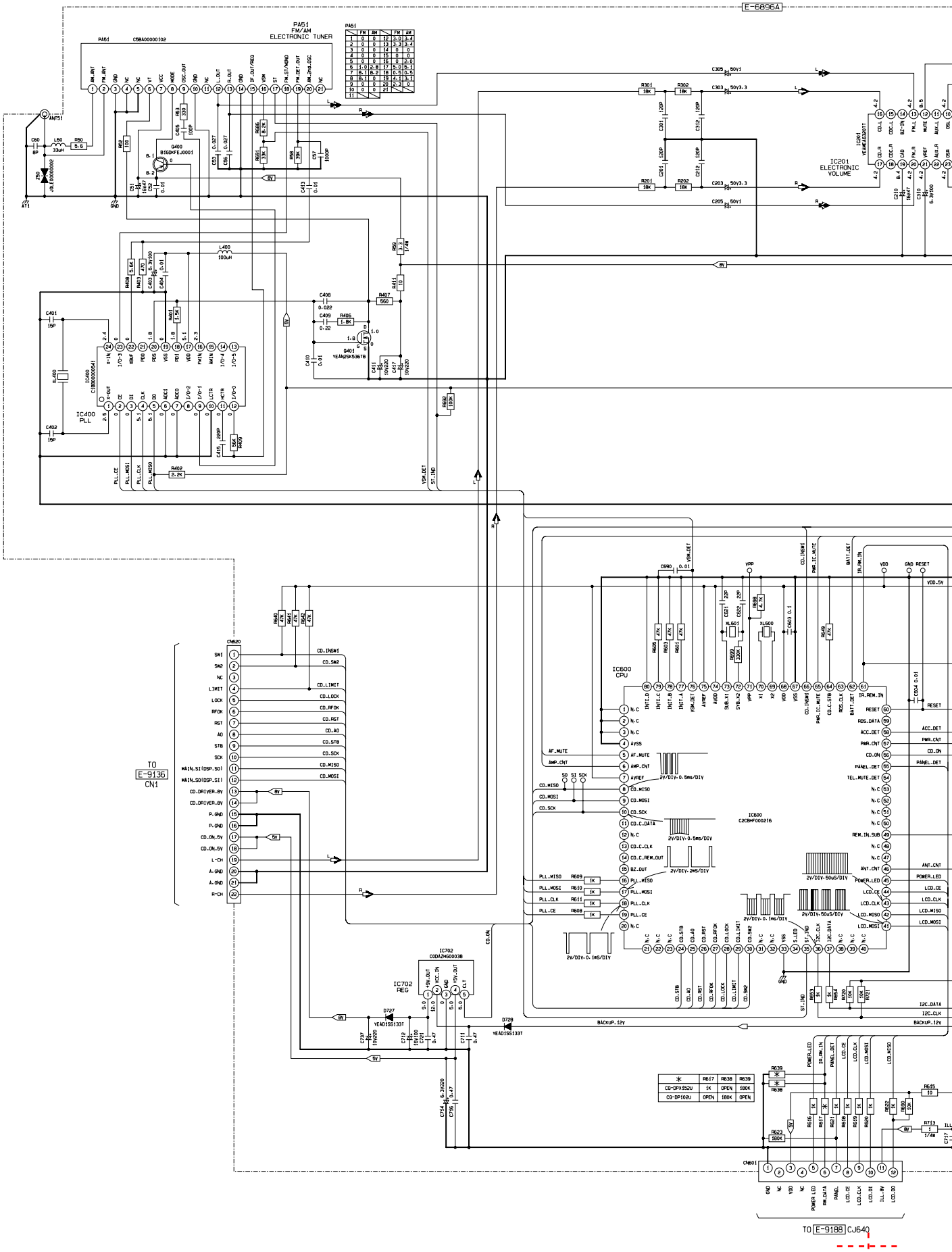
The following symbols are shown on the schematic diagram.

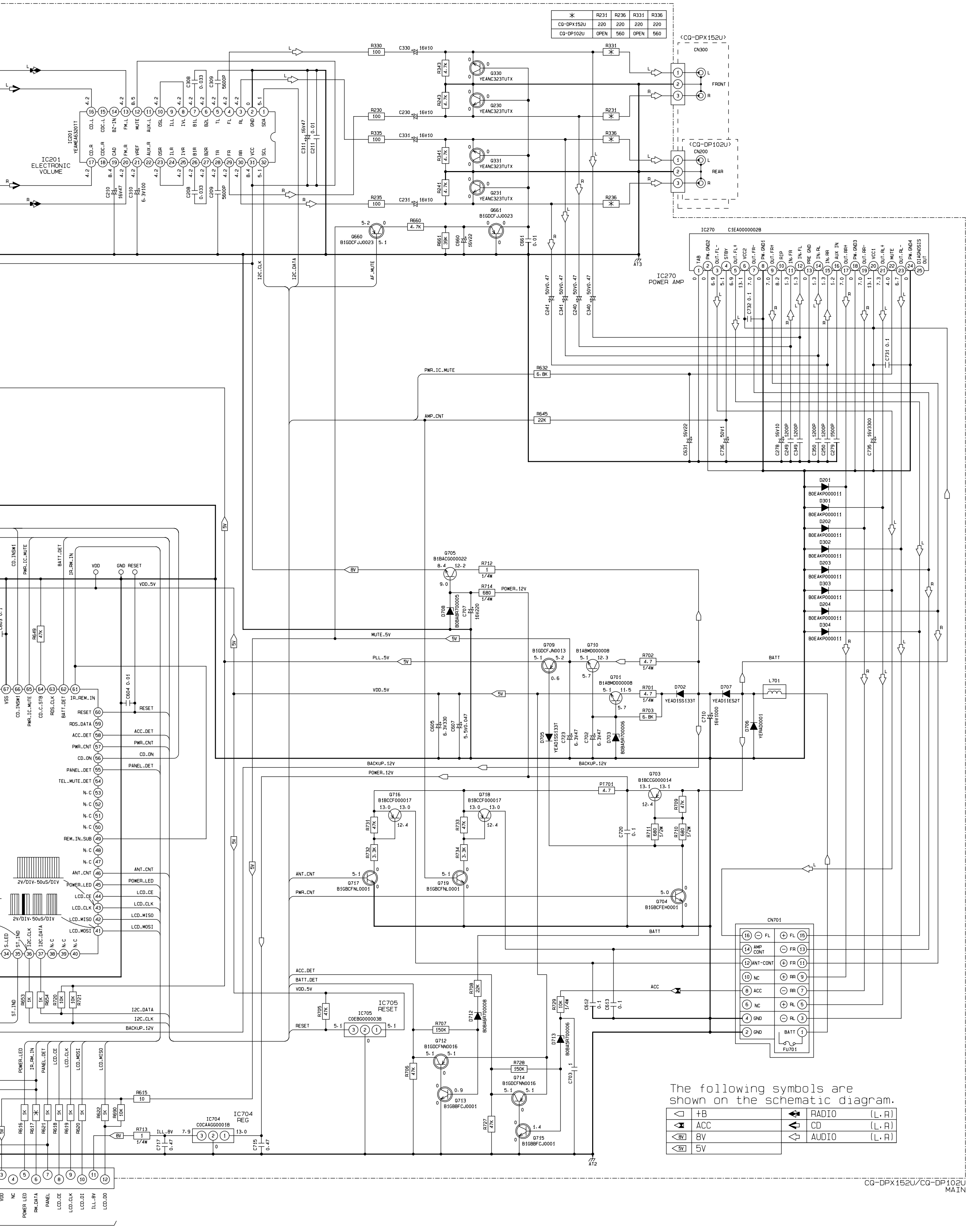
<8V	8V
<5V	5V


E-6896A
PA51
FM/AM
ELECTRONIC TUNER
IC201
ELECTRONIC
VOLUME
IC270
POWER AMP
IC400
PLL
IC600
CPU
IC702
REG
IC704
REG
IC705
RESET
TO
E-9136
CN1
TO E-9188 CJ640
The following symbols are
shown on the schematic diagram.
+B
ACC
BV
5V
RADIO (L.A)
CD (L.A)
AUDIO (L.A)
CG-DPX152U/CG-DP102U
MAIN

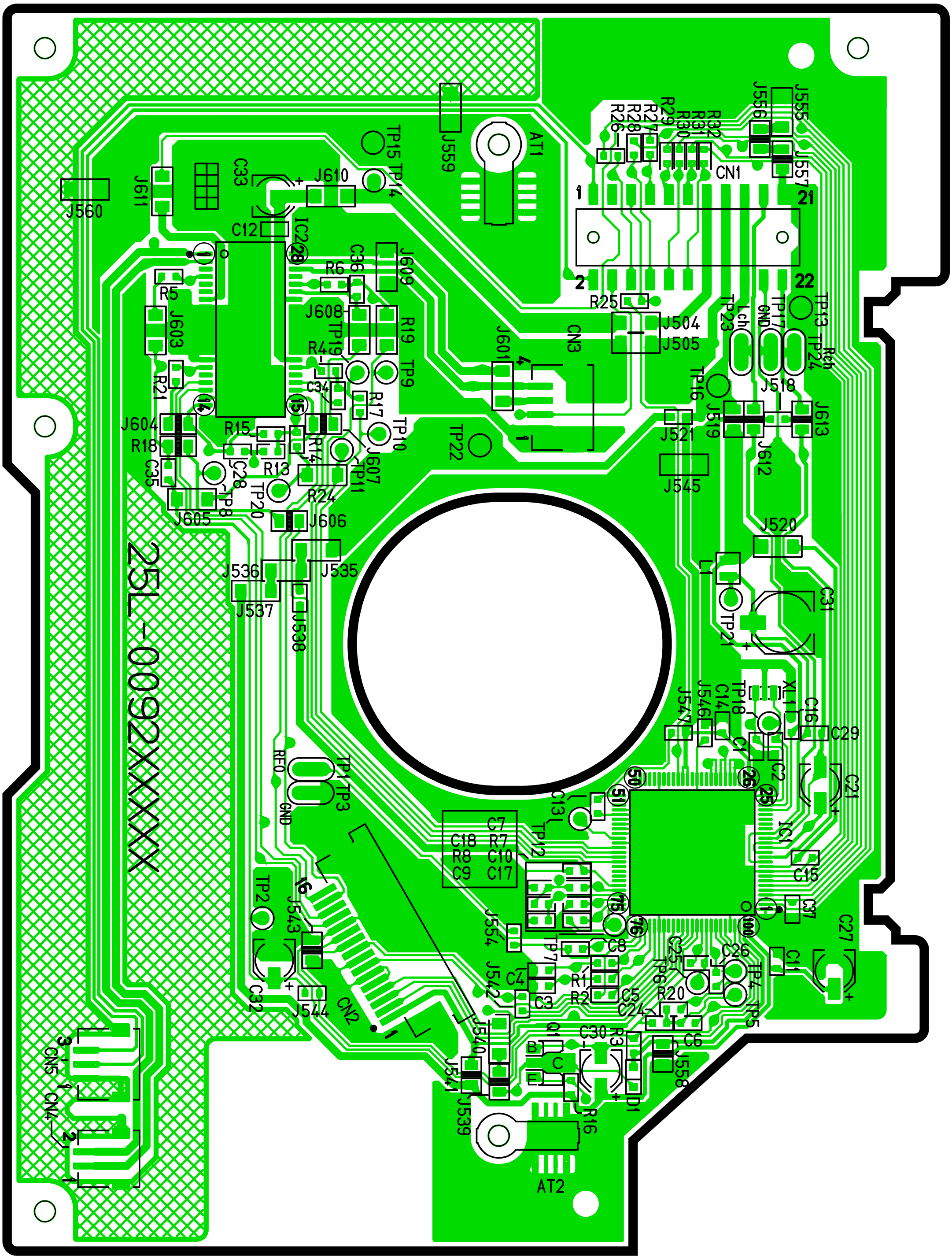
18 SCHEMATIC DIAGRAM -2

18.1. Main Block

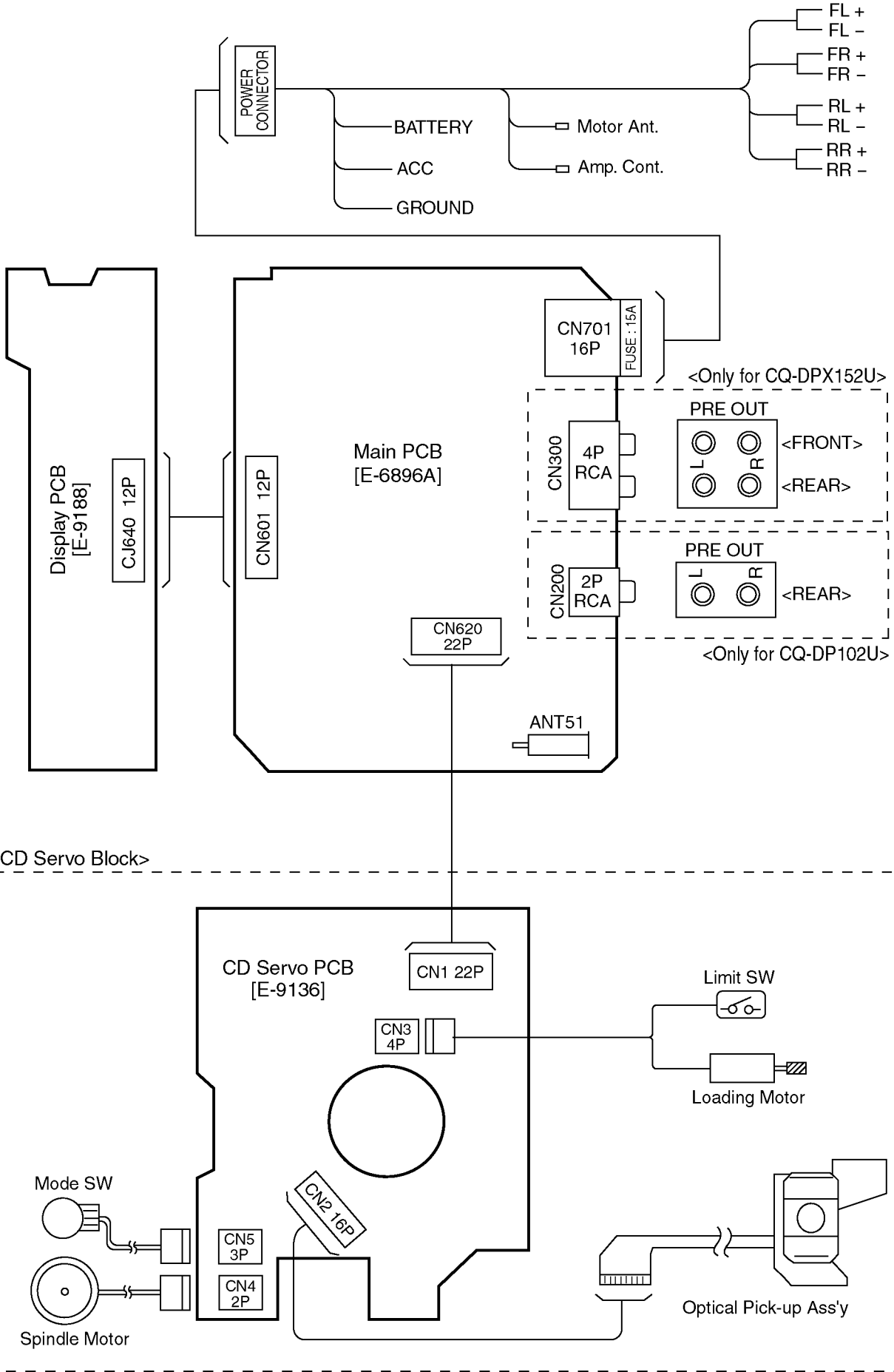


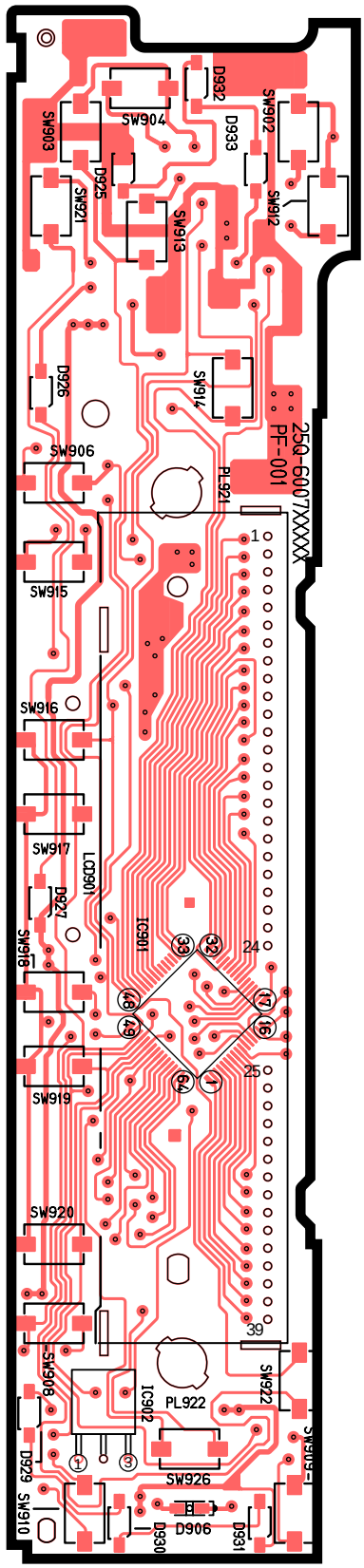


*	R231	R236	R331	R336
CQ-DPX152U	220	220	220	220
CQ-DP102U	OPEN	560	OPEN	560

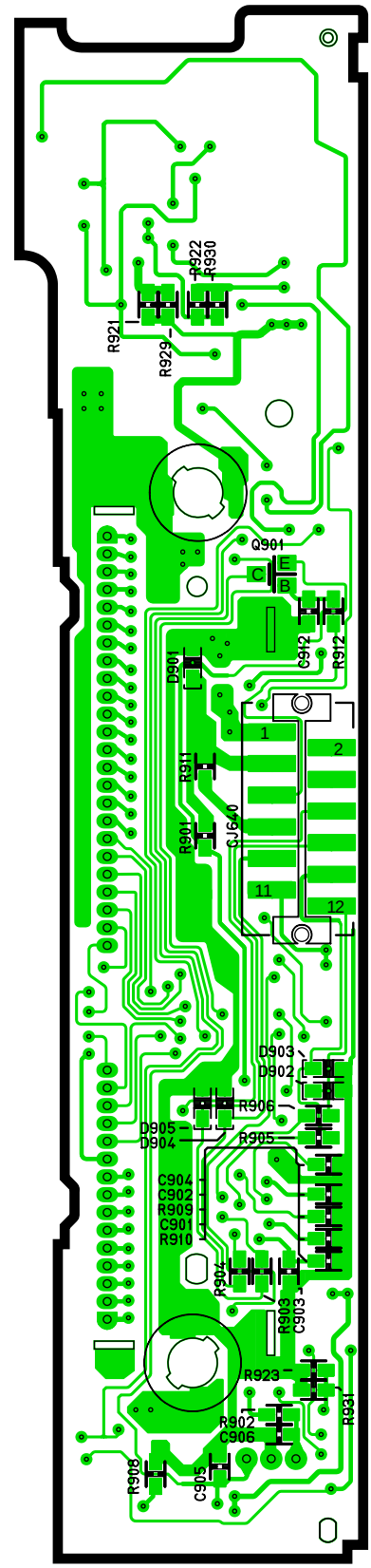


[E-9136] [BOTTOM VIEW]

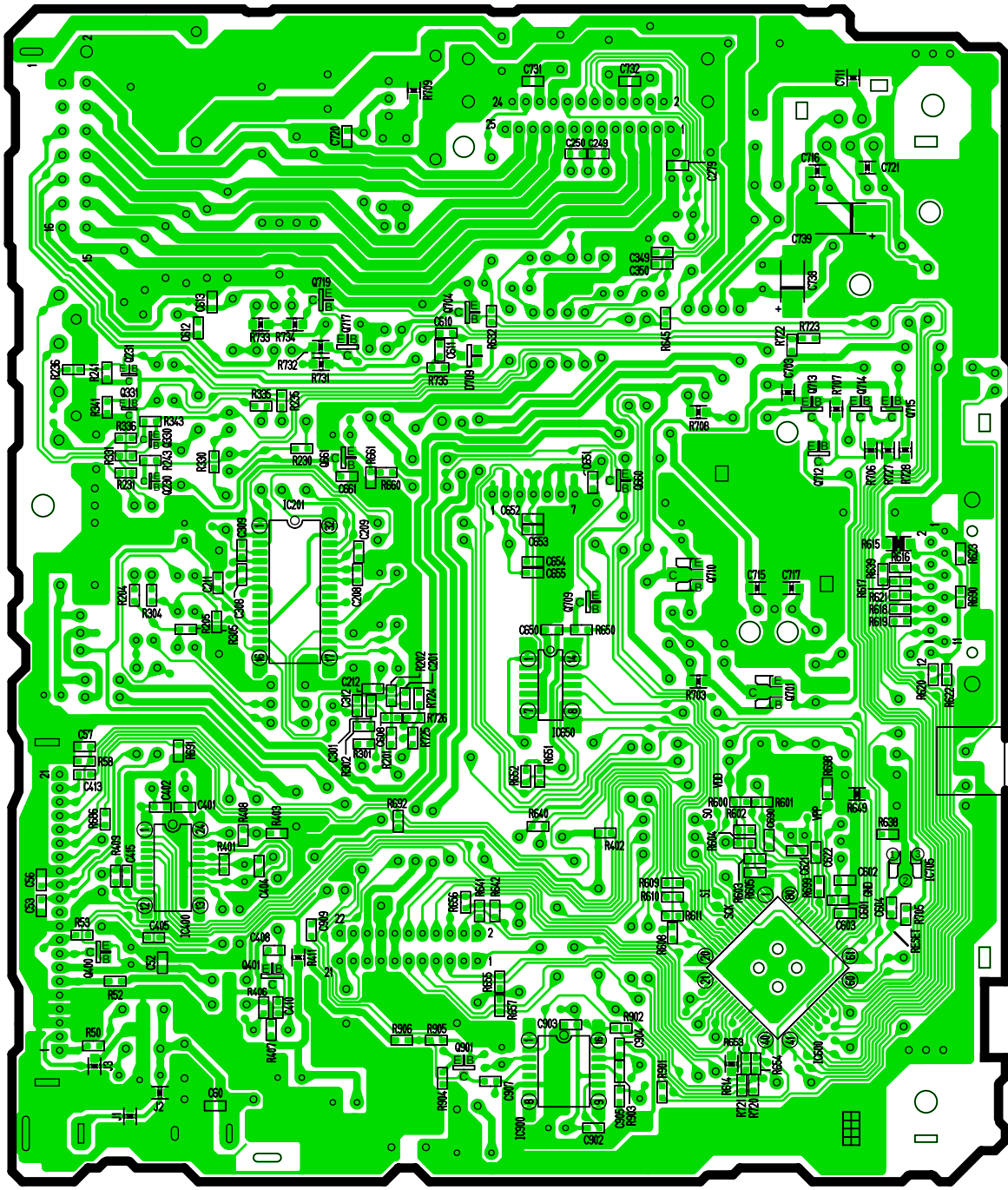

POWER CONNECTOR
BATTERY
ACC
GROUND
Motor Ant.
Amp. Cont.
FL +
FL –
FR +
FR –
RL +
RL –
RR +
RR –
Display PCB
[E-9188]
CJ640 12P
CN601 12P
Main PCB
[E-6896A]
CN701
16P
FUSE : 15A
<Only for CQ-DPX152U>
CN300
4P
RCA
PRE OUT
L
R
<FRONT>
<REAR>
CN200
2P
RCA
PRE OUT
L
R
<REAR>
<Only for CQ-DP102U>
CN620
22P
ANT51
<CD Servo Block>
CD Servo PCB
[E-9136]
CN1 22P
CN3
4P
Limit SW
Loading Motor
Mode SW
CN2 16P
CN5
3P
CN4
2P
Spindle Motor
Optical Pick-up Ass'y



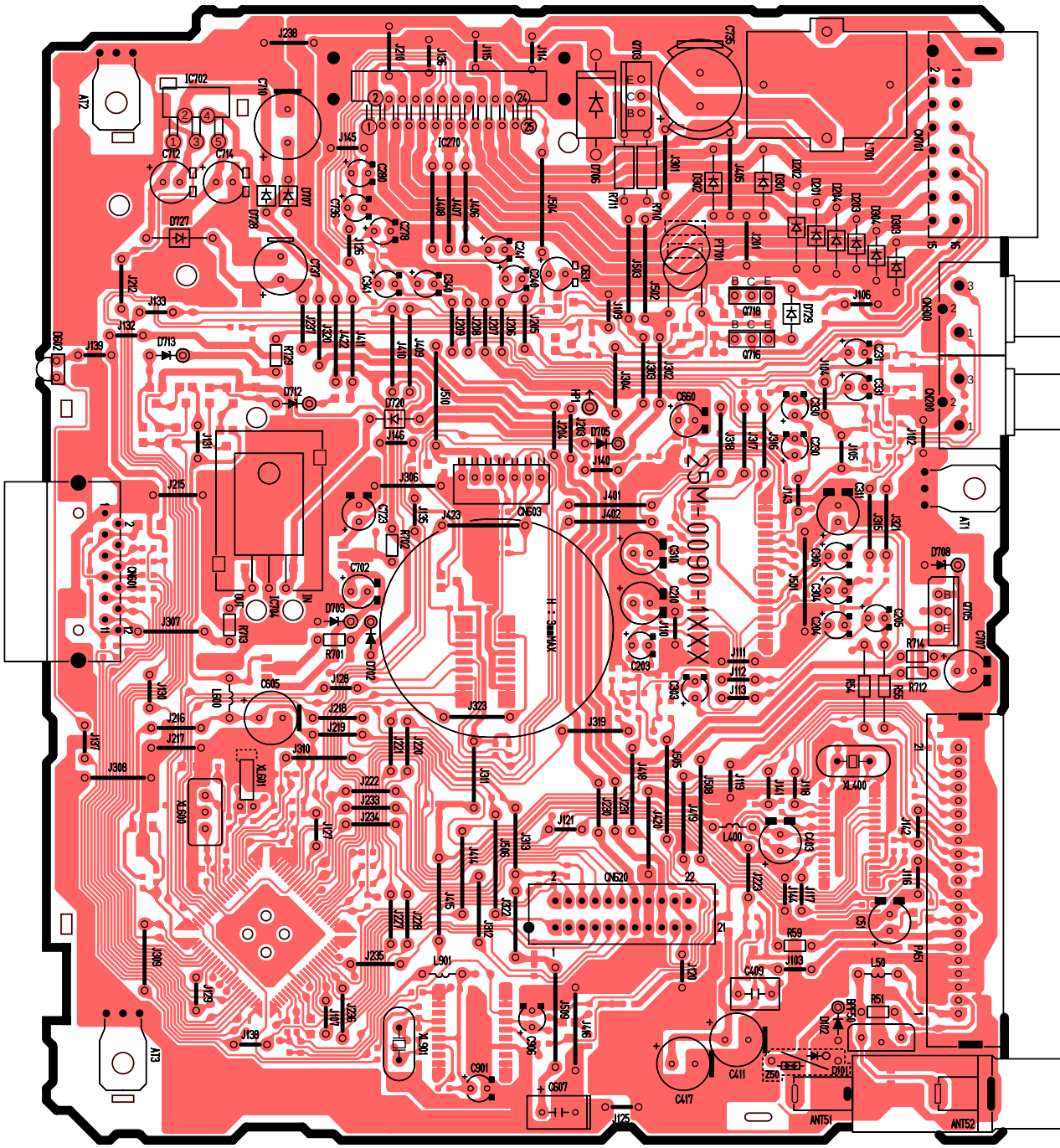
[E-9188] [TOP VIEW]



[E-9188] [BOTTOM VIEW]



[E-6896A] [BOTTOM VIEW]



[E-6896A] [TOP VIEW]