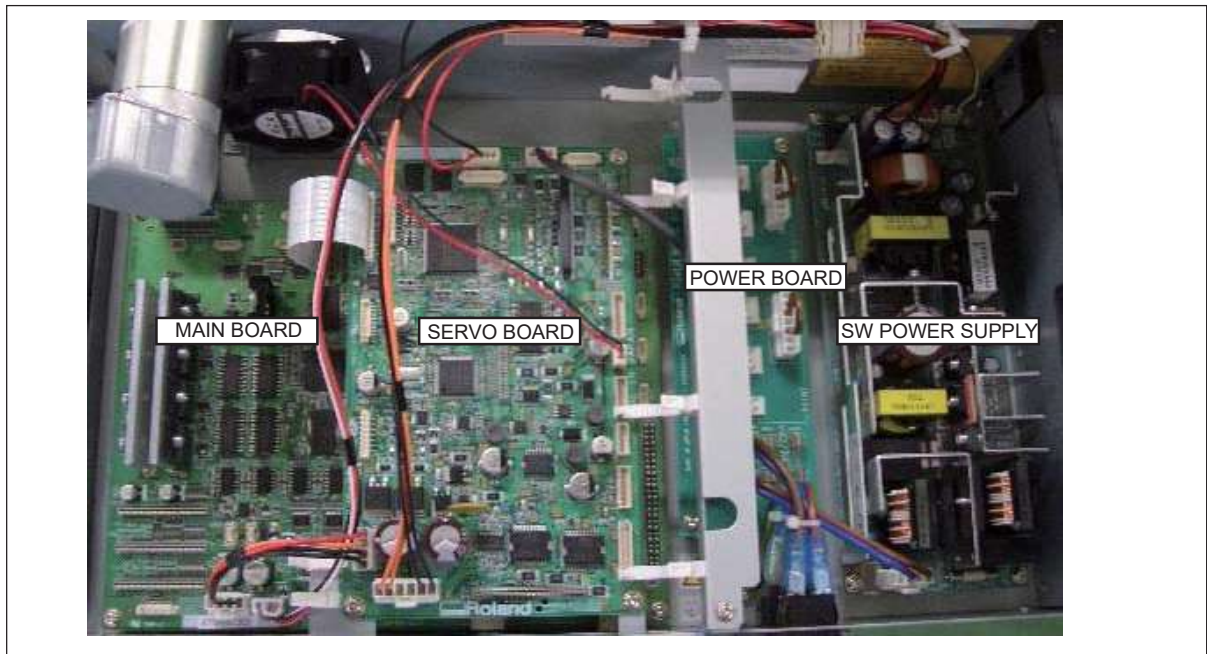


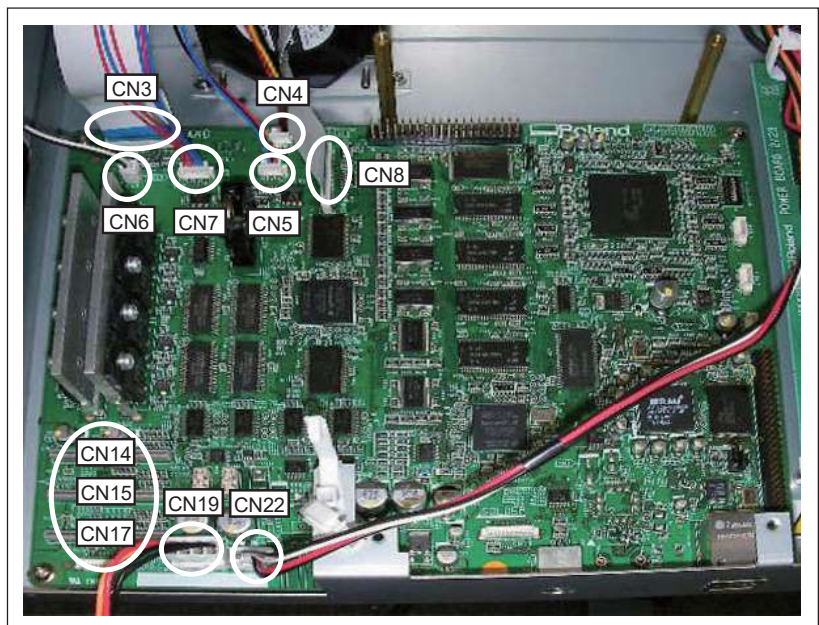
3-9 BOARDS REPLACEMENT (MAIN BOARD / SW POWER SUPPLY)

BOARD LAYOUT (IN CHASSIS)

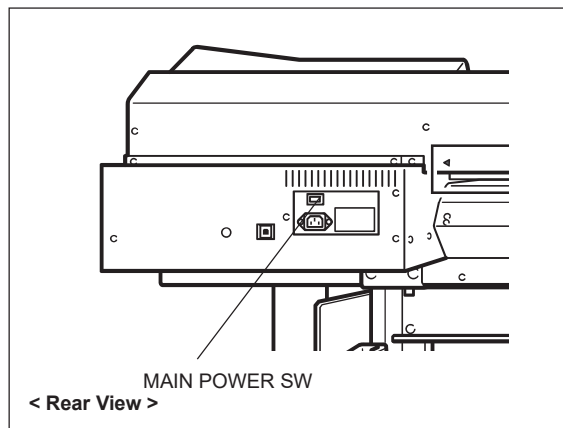


MAIN BOARD REPLACEMENT

MAIN BOARD CONNECTOR LAYOUT



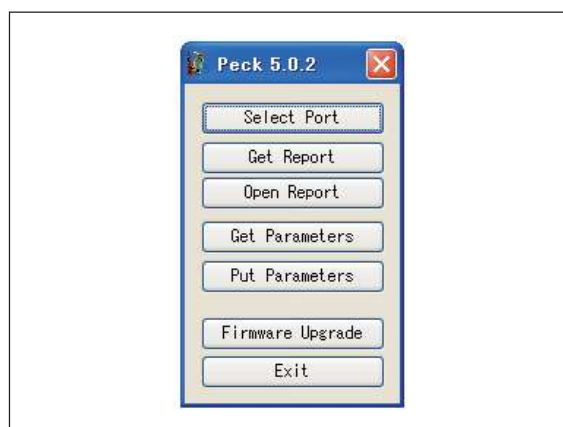
- 1** Turn on the main power.



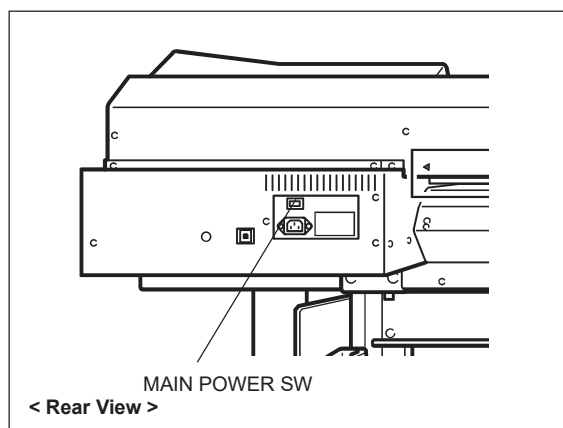
- 2** Start the Peck.



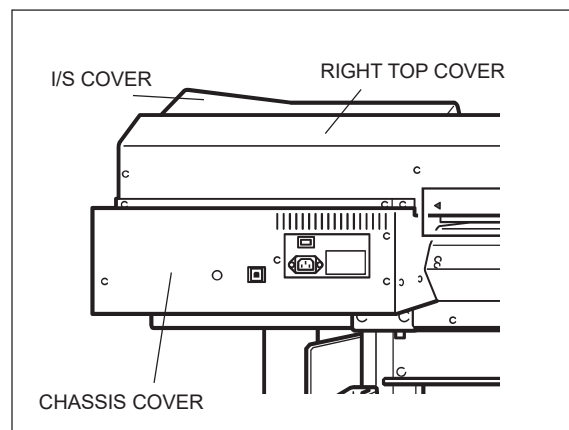
- 3** Perform [Get Report] and [Get Parameters], and save the Service Report and the parameters.



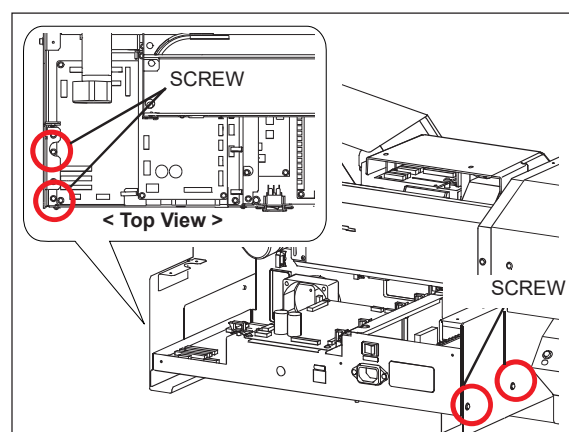
- 4** Turn off the main power and pull out the power cord.



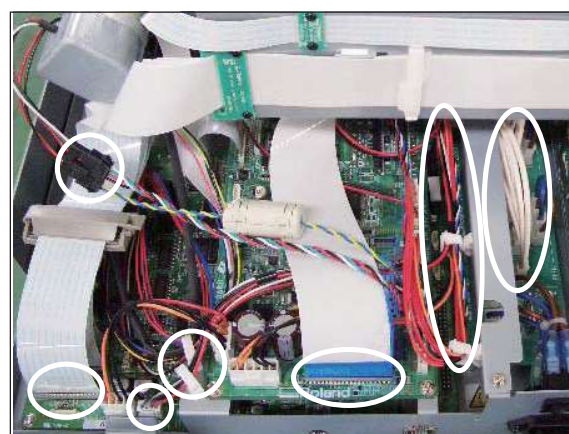
- 5** Remove the I/S Cover, Right Top Cover and Chassis Cover.



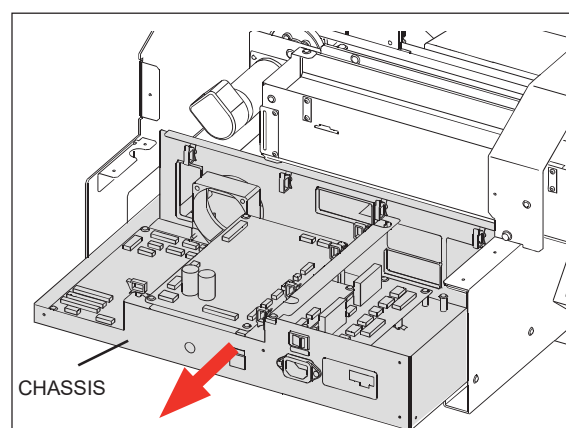
- 6** Remove the 4 screws as shown in the figure.



- 7** Disconnect the cables and release the cables from the clamps.



- 8** Pull out the Chassis to the front side.



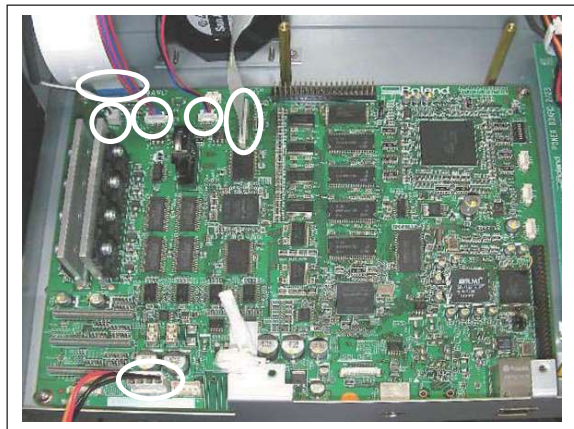
- 9** Disconnect all the cables from the Servo Board.



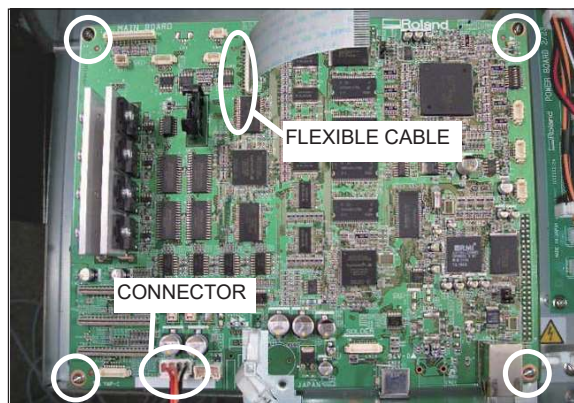
- 10** Remove the 4 screws as shown in the figure to remove the Servo Board.



- 11** Disconnect the cables as shown in the figure from the Main Board.



- 12** Disconnect the connector and flexible cable as shown in the figure and fix them to the new Main Board. Remove the 4 screws as shown in the figure and replace with the new Main Board.



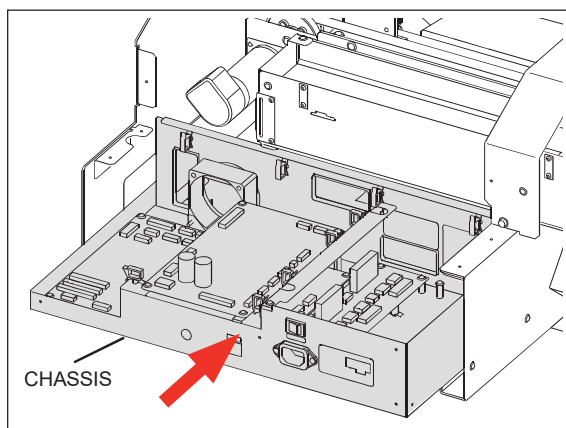
- 13** Connect the cables as shown in the figure to the Main Board.



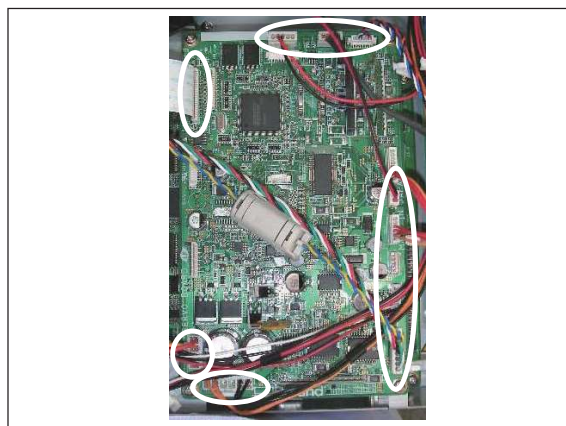
- 14** Fix the Servo Board with the 4 screws as shown in the figure.



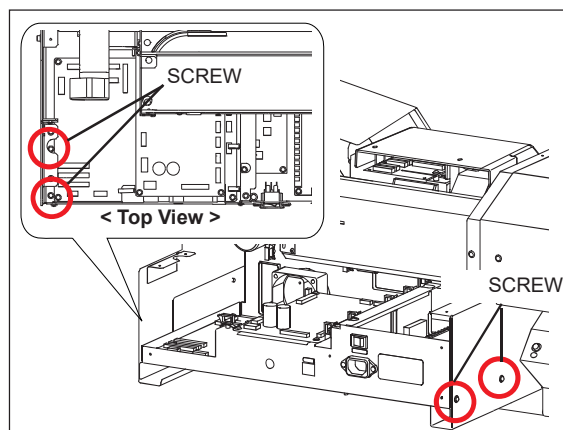
- 15** Put back the Chassis.



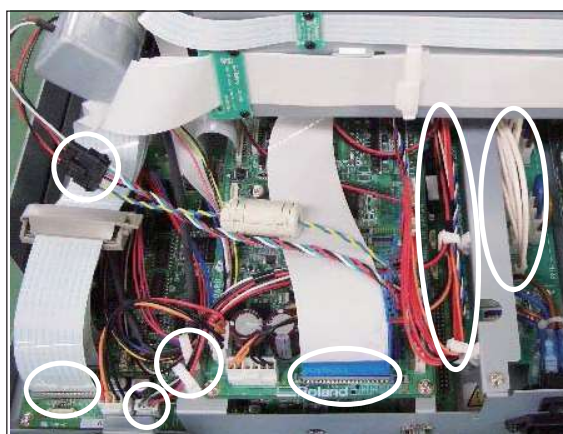
- 16** Connect all the cables to the Servo Board.



- 17** Fix the Chassis with the 4 screws as shown in the figure.



- 18** Connect the cables and bundle the cables with the clamps.



- 19** Perform the following operations after replacement.

1. DIP SW SETTING
2. BATTERY INSTALLATION
Refer to [3-9 BATTERY REPLACEMENT]
3. FIRMWARE INSTALLATION
Refer to [4-2 HOW TO UPGRADE/INSTALL FIRMWARE]
4. SYSTEM PARAMETER INITIALIZE
Refer to [4-2 HOW TO UPGRADE/INSTALL FIRMWARE]
5. IP ADDRESS SETTING
Start the machine with the Service Mode and set in the User Menu.
6. PUT PARAMETER
Refer to [4-2 HOW TO UPGRADE/INSTALL FIRMWARE]
7. TIME AND DATE SETTING
Set the date and time in the [SERVICE MENU] > [SUB MENU] > [CLOCK].
*Set the [DATE] in order of the [Year/Month/Day].
8. FIRMWARE VERSION CONFIRMATION OF NETWORK CONTROLLER
Refer to [4-3 HOW TO UPGRADE FIRMWARE OF THE NETWORK CONTROLLER]
9. SENSOR CHECK
It can be performed in the Sensor Check.
10. CROP MARK SENSOR ADJUSTMENT
Refer to [4-8 CROP MARK SENSOR ADJUSTMENT]
11. CROP-CUT ADJUSTMENT
Refer to [4-9 CROP-CUT ADJUSTMENT]
Necessary when the voltage is adjusted in the CROP MARK SENSOR ADJUSTMENT.

Perform the following operations if it is not possible to transfer the parameters by Peck4.exe.

1. DIP SW SETTING
2. BATTERY INSTALLATION
Refer to [3-9 BATTERY REPLACEMENT]
3. FIRMWARE INSTALLATION
Refer to [4-2 HOW TO UPGRADE/INSTALL FIRMWARE]
4. SYSTEM PARAMETER INITIALIZE
Refer to [4-2 HOW TO UPGRADE/INSTALL FIRMWARE]
5. TIME AND DATE SETTING
Set the date and time in the [SERVICE MENU] > [SUB MENU] > [CLOCK].
*Set the [DATE] in order of the [Year/Month/Day].
6. IP ADDRESS SETTING
Start the machine with the Service Mode and set in the User Menu.
7. FIRMWARE VERSION CONFIRMATION OF NETWORK CONTROLLER
Refer to [4-3 HOW TO UPGRADE FIRMWARE OF THE NETWORK CONTROLLER]
8. HEAD RANK SETTING
It can be set in the [PRINT MENU] > [HEAD RANK].
9. SERIAL NUMBER INPUT
It can be set in the [SUB MENU] > [SERIAL NO.].
10. INK TYPE SETTING
11. SENSOR CHECK
It can be performed in the Sensor Check.
12. LIMIT & CUT DOWN POSITION INITIALIZE
Refer to [4-5 LIMIT POSITION & CUT DOWN POSITION INITIALIZE]
- Revised 2

 13. FLUSHING POSITION ADJUSTMENT
Refer to [4-7 FLUSHING POSITION ADJUSTMENT <Serial no. ~ZY41223>] or
[4-8 FLUSHING POSITION ADJUSTMENT <Serial no. ZY41224~>]
* Perform the required adjustment depending on the serial number.
14. LINEAR ENCODER SETUP
Refer to [4-6 LINEAR ENCODER SETUP]
14. TOOL PRESSURE ADJUSTMENT
Refer to [4-13 TOOL PRESSURE ADJUSTMENT]
16. HEAD ALIGNMENT
Only Horizontal and Bidirectional Adjustments are required.
17. CALIBRATION
Refer to [4-11 CALIBRATION]
18. CROP MARK SENSOR ADJUSTMENT
Refer to [4-8 CROP MARK SENSOR ADJUSTMENT]
19. CROP-CUT ADJUSTMENT
Refer to [4-9 CROP-CUT ADJUSTMENT]
20. PRINT / CUT POSITION ADJUSTMENT
Refer to [4-10 PRINT/CUT POSITION ADJUSTMENT]