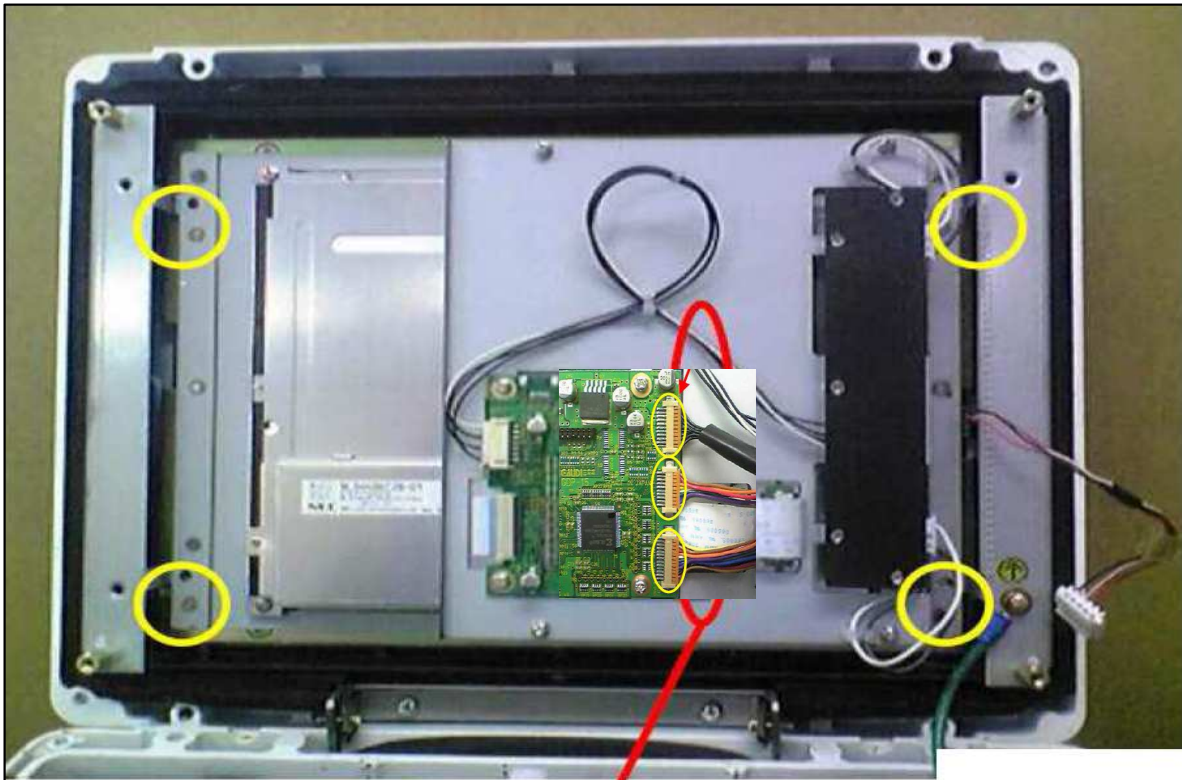


Heat and Control, Inc.
Packaging Service Dept.
Technical Publication PS110909

CCW-RZ & DZ Color LCD Replacement Procedure



CCW-RZ & DZ Color LCD Replacement

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The color LCD Display (033-6482-03 NL6448AC30-1) used on the CCW-RZ/DZ has been discontinued. Replacement parts (129-5831-04) are completed. When replacing the old LCD, also replace the interface board.

Note: There is no need to replace the other boards or software.

LCD Comparisons

	New LCD	Former LCD	Remarks
Part Code	129-5831-04	033-6482-03	
LCD Size	9.0 inches	9.3 inches	Proofreading on Touch Panel is Required.
Luminosity Adjustment	Not available	Available	Possible to adjust the Luminosity at P-5416* board.

Notes:

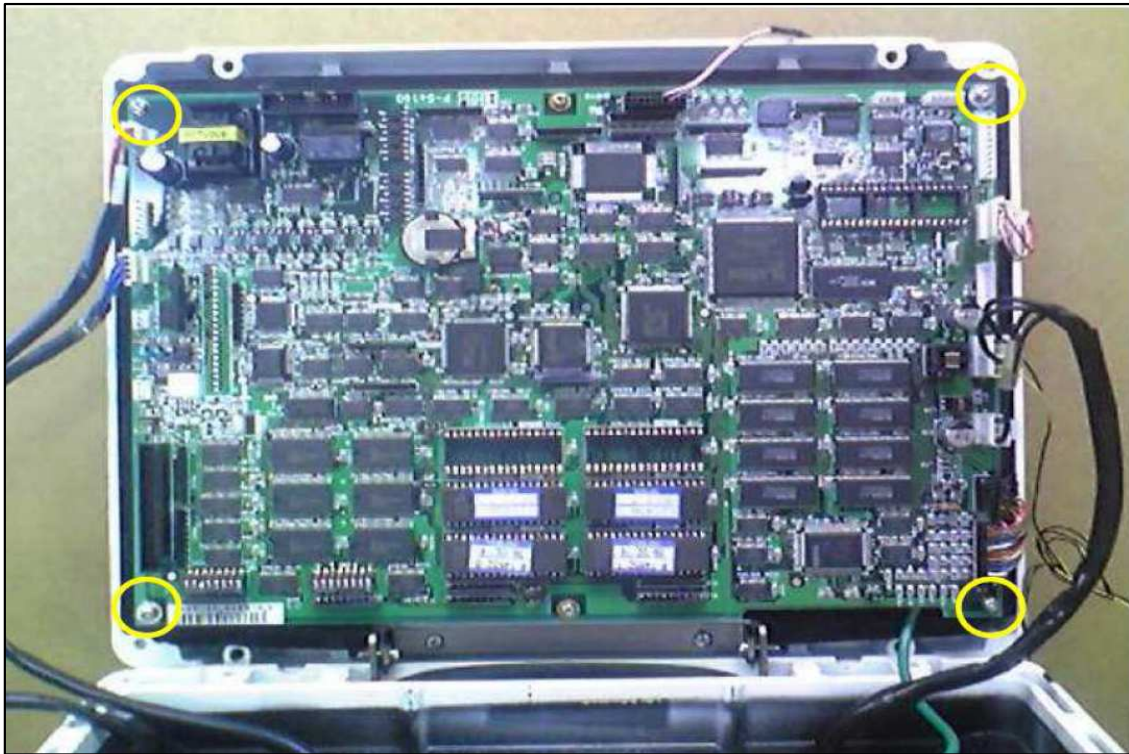
There is a size difference between the old and new LCD's. Check the calibration of the touch panel after replacement. There is no screen brightness adjustment available with the new LCD.

The adjustment harness (056-7236-**) will not be used after replacement of the LCD display.

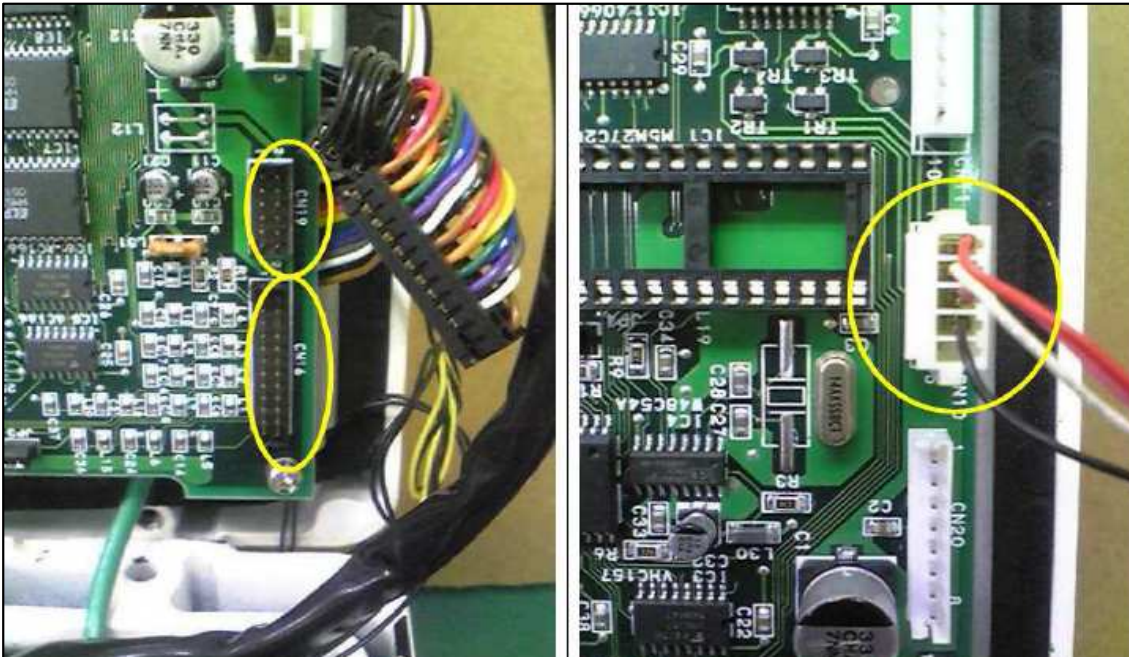
When the Main Board on the old LCD is P-5342, the screen brightness adjustment is not available.

CCW-RZ/DZ LCD Unit Replacement Procedure

1. Remove the outside screws on the RCU and open the case.
2. To Remove the RCU board, remove the four corner screws and set the screws aside to be used later when installing the new RCU board.

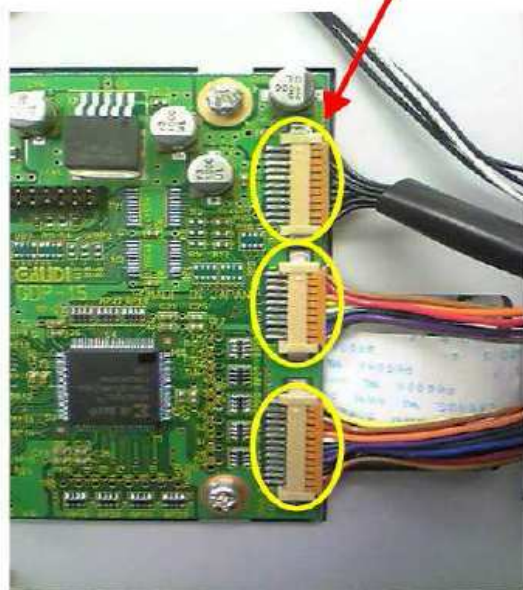
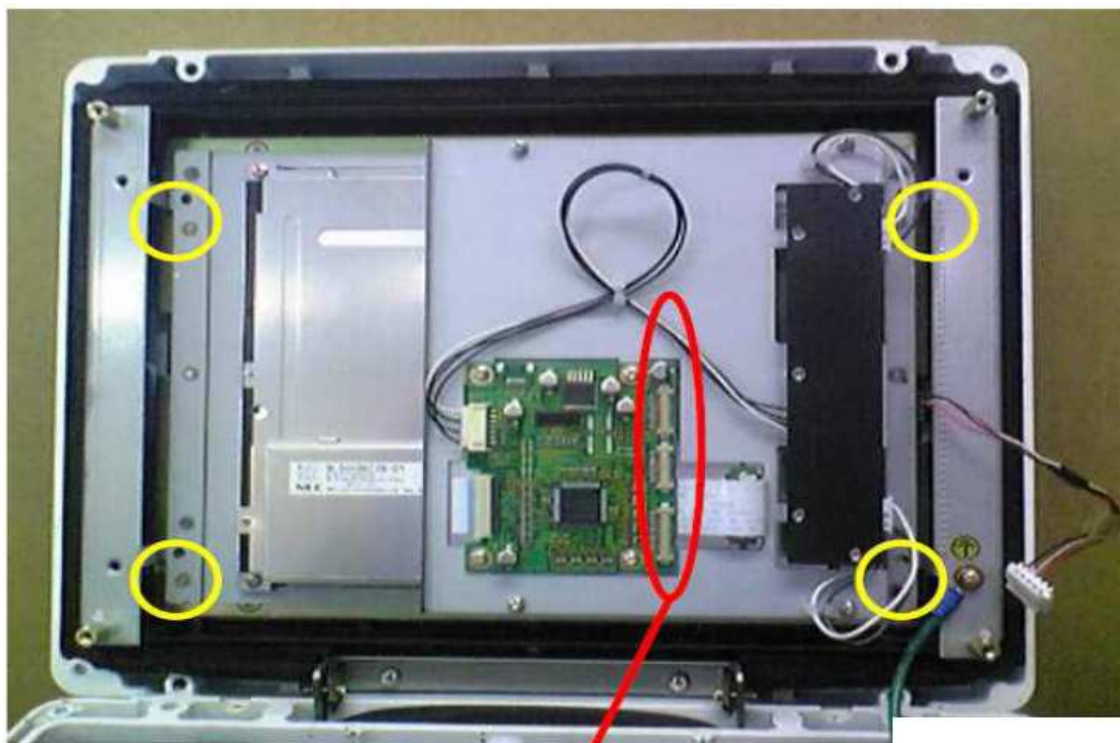


3. Remove the harness and cable (CN 16, CN 19, and CN 10) from inside the RCU as shown below. Set the cables aside to be re-installed later.



CCW-RZ/DZ LCD Unit Replacement Procedure

4. Install the *New Display* in the RCU using the screws taken from the *Old Display*.



5. Install the original cables in the RCU as shown above.

CCW-RZ/DZ LCD Unit Replacement Procedure

6. Install the new RCU Board in the same position as the original board.



7. Secure the new RCU Board using the old screws in the same position as they were originally installed.

Caution: Be careful to avoid pinching the battery and signal wires when closing the RCU.

8. Turn the power to *ON* and check operation.