

Service Notice Number: 20160108-2

Date: January 8, 2016

To: Domestic and International Lincoln Service Departments, District Sales Offices
Domestic and International Lincoln Electric Automation Divisions
Domestic Lincoln Authorized Service Facilities
Cleveland Quality Assurance, Marketing, Engineering, Manufacturing

**Potential failure of Power Wave R500, Power Wave S500,
and Power Wave i400 Power Factor Correction and Feedhead Boards**

Product(s) Covered:

Machine	Code	Serial Range
Power Wave R500	11890	U1130900053 through U1150510900
Power Wave S500	11813	U1140100085 through U1140511437
Power Wave S500 CE	11883	U1140103428 through U1140508960
Power Wave i400	11774	U1130902185 through U1150601703

Symptoms:

We have identified an issue in the Power Factor Correction and Feedhead Boards in the Power Wave R500, Power Wave S500, and Power Wave i400 that may cause the board(s) to fail prematurely. See Figure 1 for the location of the boards within the machine.

Recommended Action:

If a machine is presented for repair and is within the serial number ranges above, please review potting serial number on both the Power Factor Correction (PFC) Board and the Feedhead Board, if present. If potting serial numbers fall within the codes found in Table 1, replace suspect board(s) per the board replacement procedure(s) in the Service Manual for each machine. See Figure 2 for an example of a potting serial number.

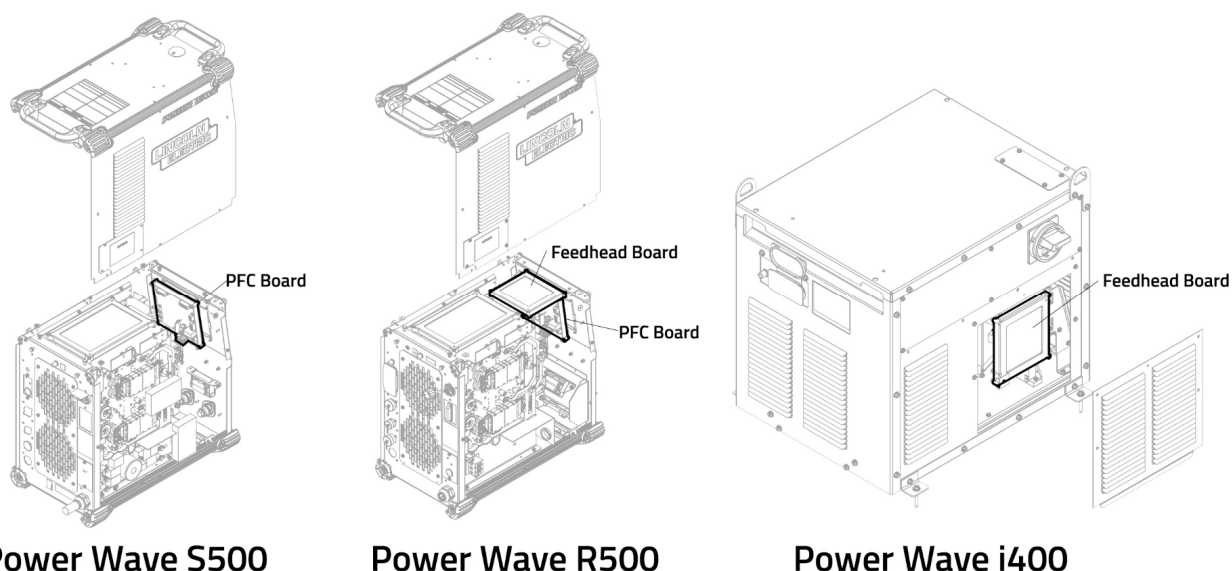


Figure 1: Position of board(s) inside machine



Figure 2: Potting Serial Number Example

Board Name	Potting Serial Range
Feedhead Board (G6752-1B0)	308XXXX – 405XXXX and 410XXXX – 504XXXX
Power Factor Correction Board (G6860-1D4)	401XXXX – 405XXXX

Table 1: Potting Serial Number Ranges

Lincoln Electric will supply the PC board(s) at no charge and pay the Lincoln Authorized Service Facility for labor as indicated in the Lincoln Authorized Repair Time for each machine. Please reference this service notice number when filing the warranty claim. If you have any questions regarding this notice, please contact us at 1-888-935-3877.

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