

Service Notice Number: 20150828-2

Date: August 28, 2015

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 R350, Power Wave S350,
 and Power Wave C300 Power Factor Correction and Feedhead Boards**

Product(s) Covered:

Machine	Code	Serial Range
Power Wave R350	11745	U1130901872 to U1140414034 and U1141003054 to U1150700431
Power Wave S350	11782	U1141100574 to U1150508458
Power Wave S350 CE	11783	U1141007057 to U1150507821
Power Wave S350 CCC	11753	U1141108299 to U1150502043
Power Wave S350 Aluminum	12371	U1150200526 to U1150200535
Power Wave C300	11672	U1130902807 to U1140704245 and U1141005400 to U1150505304
Power Wave C300 CE	11624	U1130708066 to U1150503728

Symptoms:

We have identified an issue in the Power Factor Correction Boards in the Power Wave R350, Power Wave S350, and Power Wave C300 that may cause the board to fail prematurely, potentially causing damage to the Power Conversion Assembly (G6037-X). The Feedhead Board in some machines may also have the same issue. 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.

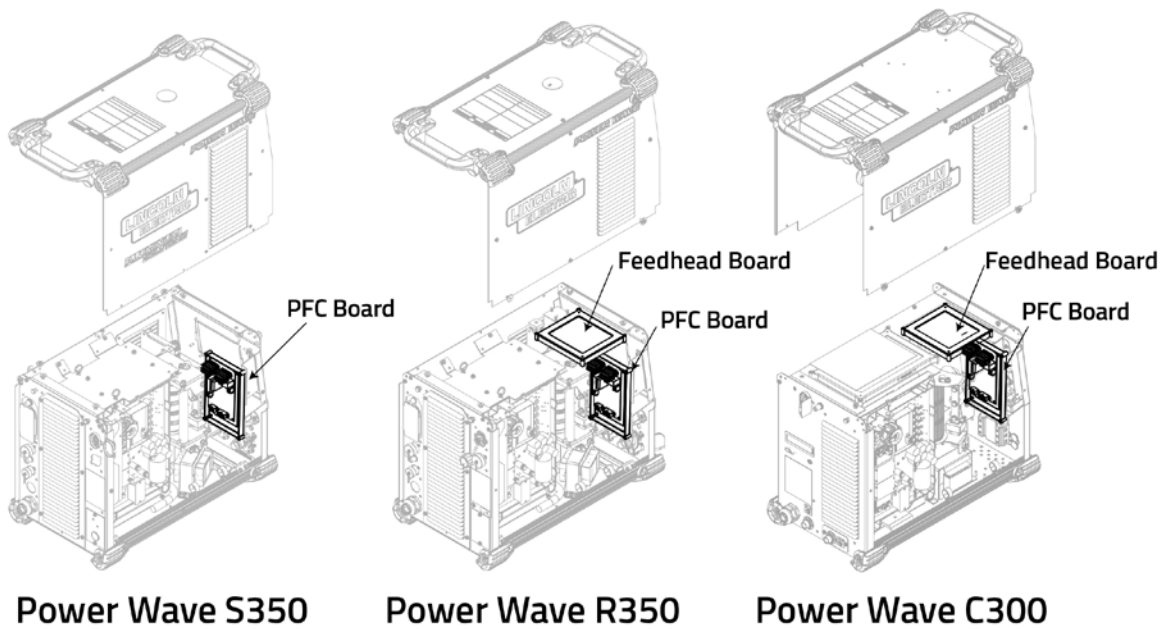


Figure 1: Position of board(s) inside machine

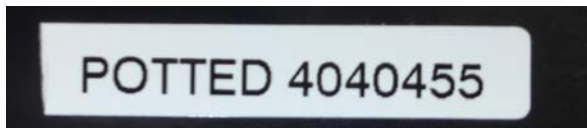


Figure 2: Potting Serial Number Example

Board Name	Potting Serial Range
Feedhead Board (G6752-1B0)	308XXXX – 405XXXX and 410XXXX – 504XXXX
Power Factor Correction Board (G6758-1)	410XXXX – 504XXXX

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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