

20-06-2006

BULLETIN # 202B

MC91-0, 92-0 & 93-0, MC100-0,101-0 & 102-0

OUTPUT RECTIFIER REPLACEMENT

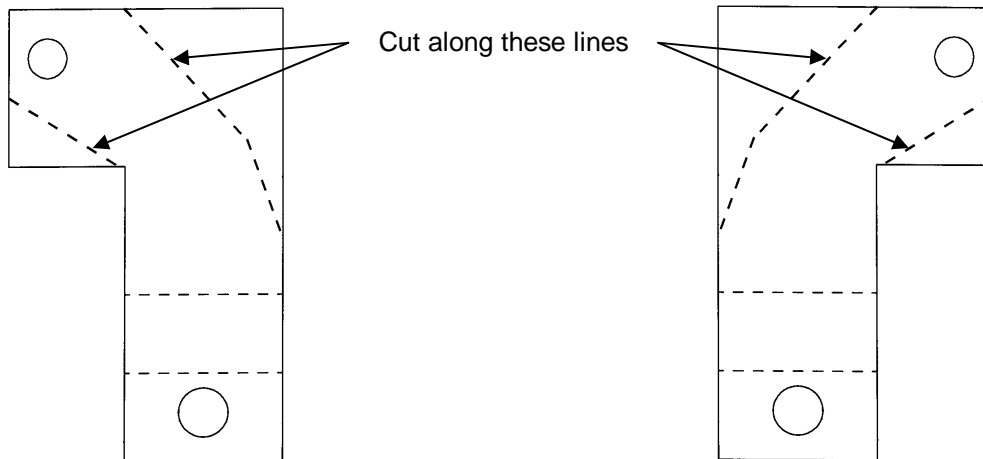
A new batch of output rectifier modules (part number D0017) have been causing the toroids on the output busbars to overheat during load bank testing. This is due to a change in the operating characteristic, and while the rectifiers still perform within their specification, this overheating problem now exists when we use them in our machines.

To prevent the toroids from overheating, we are now using 2 toroids per busbar on new machines.

It will be necessary to add an extra toroid to each busbar when replacing the output rectifier module during service repair work (whether on MC10X series or MC9X series). The busbars will need to require modification to allow room for the extra toroid to be fitted.

Modification required:

Use a sharp pair of snips or shears to modify the busbars which connect the transformer to the input terminals of the rectifier module to the following shape:



Order 2 more toroids, P/No L0006 and fit them on the modified busbars, making a total of 2 toroids per busbar.

Hugh Stewart,
Technical Service Coordinator

QUALITY WELDING PRODUCTS, SYSTEMS AND SERVICES

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