

**ENGINEERING CHANGE NOTE:**

ECN #:

442.1

ASSEMBLY: BMW4011**DESCRIPTION:** MW4-PXY CPU CARD**New Assembly:****DATE:** 18/02/02**Current Assy Rev:** V**Current Schematic Rev:** 6.0**New Assy Rev:** V (no change)**New Schematic Rev:** 6.0 (no change)

NOTE: THIS ECN REPLACES AND INCORPORATES ECN 442 - ANOTHER FAULTY BATCH OF V360EPC-50LP HAS BEEN IDENTIFIED.

☐ CMS BOMs Updated ☐ Excel BOMs Updated ☐ Subcontractor Records Updated **Compatibility Maintained:** Yes

IMPLEMENTATION INFORMATION:

- ☐ Safety Issue ☐ UL Compliance Issue ☐ New Feature ☐ Cost Reduction
☐ Bug Fix ☐ EMC Compliance Issue ☐ Quality Issue
☐ Reliability Reasons ☐ Software Change ☐ Cosmetic Change

REASON FOR CHANGE:

1. Faulty Batch of Components: PCI Bridge V360EPC-50LP, Fairlight Part No. SSS9109 in locations U103 and U104.

Faulty Batch Date CodeS: 0107E and 0112E (These batches have been used only recently)

SYMPTOMS: The symptoms are that files read from a hard disk can be corrupted.

This causes errors such as failing to load modules during bootup or unexpected messages saying that a "blowall" is needed. It is also possible that PY modules will fail to load which would prevent the mfx/merlin application from starting correctly.

NOTE: DO NOT perform a blowall if it is not expected (ie there has been no software change). If the message is caused by a faulty part, the ROMS could become corrupted.

DETAILS OF CHANGE:

1. Replace the PCI Bridge V360EPC-50LP, Fairlight Part No. SSS9109 in locations U103 and U104 if the component is date coded 0107E or 0112E with components date coded other than these.

NOTE TO SUBCONTRACTORS: Check all WIP and implement this ECN if required. Purge the faulty batches of these components from the stock and WIP. Watch for other possible faulty batches of the chip while testing the boards.

NOTE TO PRODUCTION: Check all Stock and WIP and implement this ECN if required. Purge the faulty batches of these components from the stock and WIP. Watch for other possible faulty batches of the chip while testing the boards.

NOTE TO FIELD SERVICE: Return all PXY boards found with U103 or U104 batch dated 0107E or 0112E and those exhibiting symptoms described above to Sydney for repair.

NOTE TO SYDNEY SERVICE: Replace the componnets from the faulty batches on all returned units. Purge the faulty batches of these chips from the stock.