

**ENGINEERING CHANGE NOTE:**

ECN #:

424.1

**ASSEMBLY:** BMW4011E**DESCRIPTION:** MW4-PXY CPU CARD**New Assembly:****DATE:** 13/09/01**Current Assy Rev:** U**Current Schematic Rev:** 5.14**New Assy Rev:** U1**New Schematic Rev:** 5.14 (unchanged)

THIS ECN REPLACES ECN424 - MODIFICATION OF THE EXISTING STOCK NOT REQUIRED.

☐ 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:**

GAL-s in locations U136, U137, U138 and U139 do not require to be socketed any longer. Removing the sockets represents a cost saving and improves the long term reliability of the product.

**DETAILS OF CHANGE:**

1. Remove 4 Sockets JMS5775 from locations U136, U137, U138 and U139.
2. Solder 4 GAL-s 16V8D-7LJ (SGS3830) directly to the PCB into the above locations. NOTE: GAL-s have to be programmed before assembly.
3. Affix a new revision lable so that it reads BMW4011E-U1

NOTE: There is no change to the Revision Resistors.

NOTE TO SUBCONTRACTORS: If Sockets have been installed DO NOT modify units in WIP.

NOTE TO PRODUCTION: If Sockets have been installed DO NOT modify units in Stock.

NOTE TO THE FIELD SERVICE: No action required.