

ECN # 342.1

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**ENGINEERING CHANGE NOTE:**

mfx3

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342.1

**ASSEMBLY:** BMW4032**DESCRIPTION:** MW4-IOC1 Input Output Card 1**New Assembly:****DATE:** 24/05/00**Current Assy Rev:** D**Current Schematic Rev:** 3.1**New Assy Rev:** D1**New Schematic Rev:** 3.2

This ECN applies to Rev C (3) boards only.

☐ 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:**

Footprint for U10 &amp; U11 on PCB is incorrect as it is for the wrong side of board.

Resistors missing from BOM.

**DETAILS OF CHANGE:**

1. The ICs @ U10 &amp; U11 have to placed on the PCB upside down.

Carefully straighten legs and bend down.

Place on PCB upside down with pin 1 aligned with pin 1 on PCB.

Pin 1 of U10 is closest to C7 or C8.

Pin 1 of U11 is closest to C10.

2. Place 390R 0805 resistors at R21,R22,R23,R24,R25.

3. Place a assembly revision label on the card, marked "D1", after the blank PCB P/N so it looks as follows BMW4032C-D1

ECN 342.1 is a correction to ECN 342: Added instructions for placing U10 &amp; U11 on PCB