

ECN # 476

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**ENGINEERING CHANGE NOTE:**

mfx3

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476

ASSEMBLY: BMW4041D-H**DESCRIPTION:** MW4-QDC Quad Digital Channel Card**New Assembly:** BMW4041D-J**DATE:** 17/05/02**Current Assy Rev:** H**Current Schematic Rev:****New Assy Rev:** J**New Schematic Rev:**☐ 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:**

Some machines with 4 AES1 Cards display the following error message during the "Initialising Audio/Sync Hardware" phase of the startup:

QDC x IO CARD x - error: CFG ERROR (/XINIT ASSERTED) or

QDC x IO CARD x - error: XDONE timeout

DETAILS OF CHANGE:

1. Connect two 100R Resistors SMD1206 (FL P/N RMF5899) or SMD0603 (FL P/N RMD4379) one from each pad of the Capacitor C191 to the nearby via (second down from C191). Refer the attached sketch.

2. Relabel the Board so that the Label reads: BMW4041D-J

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NOTE TO SUBCONTRACTORS: Modify all Boards in Stock and in WIP.

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NOTE TO PRODUCTION: Modify all Boards in Stock and in WIP

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NOTE TO FIELD SERVICE: Modify the QDC Board(s) if the machine exhibits the problems as described above.