



ENGINEERING CHANGE NOTE:



ECN #: 401

ASSEMBLY: See List Below

DESCRIPTION: MW4-QDC Engine Metal Work change to SS

New Assembly:

DATE: 15/12/00

Current Assy Rev:

Current Schematic Rev:

New Assy Rev:

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:

The current Metalwork suffers from corrosion problems due to entrapment of chemicals during the plating process. The various dutch folds accentuate this as fluids cannot flow easily.

Non-removable smudging problems.

The plating tends to dull quickly.

Poor salt spray resistance.

Poor aesthetics.

DETAILS OF CHANGE:

The material has been changed from Mild Steel to 304 2B Stainless Steel (Natural Finish) on following list of metalwork parts.

MMW4009-3 Backplane Support Bracket
 MMW4010-2 Drive Enclosure
 MMW4020-3 QDC Blank Panel
 MMW4024-2 Chassis Assembly (5 pieces)
 MMW4025-2 PXY Rear Panel
 MMW4045-3 Front Panel Inner
 MMW4051-3 PXY Access Panel
 MMW4053-2 Drive Rear Cover Assembly
 MMW4055-5 QDC panel (double)
 MMW4065-6 PSU Switch Panel

The following BOMS are affected:

1. BMW4001: BPR Back Plane Card
 Change Item 35: MMW4009-2 to MMW4009-3 Backplane Support Bracket Rev 3
2. APS1611: PS1 Power Supply Assembly
 See ECN400
3. BMW4041: QDC card
 Change Item 45: MMW4055-B to MMW4055-5 QDC panel (double) Rev 5
4. AMW4011 PXY CPU Module
 Change Item 15: MMW4025-G to MMW4025-2 PXY Rear Panel Rev 2
 Add new part: MMW4051-3 PXY Access Panel Qty 1
5. AMW4050 M4 Rack Assembly

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Change Item 16 to MMW4020-3 QDC Blank Panel

6. AMW4099 M4 Front Panel Assembly

Change Item 11 from MMW4045-1 to MMW4045-3 Front Panel Inner Rev 3

7. AMW4097 M4 Chassis Assy

Change Item 4 MMW4024-F to MMW4024-2 Chassis AssemblyRev 2

8. AMW4098 M4 Drive Bay Assembly

Change Item 9 MMW4010-E to MMW4010-2 Drive Enclosure Rev 3

Change Item 11 MMW4053-A to MMW4053-2 Drive Rear Cover Assembly Rev 2

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HW or Project Engineer.....

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R&D or Project Manager.....
