FIELD CHANGE ORDER  
NUMBER: MS330-XX-F001

APPLICABILITY: AlphaServer 4100 memory modules MS330-EA/FA/GA

System effected by this FCO are AS4100 (DRAWERS) BOXES with serial numbers US0001 to US05371 with memory modules (B3030-EA/FA/GA) handle below REV. C05. Serial number can be found on a white lable attached to the right side of the box next to the text "Digital Dodge BOX". This FCO should be install as part of an existing service call.

Locally stocked inventory should be updated using this FCO.
*** Service is also authorized to install this FCO at Distributor Sites.

PROBLEM & SYMPTOM:
Memory modules (B3030-EA/FA/GA) may not be seated fully in their motherboard connectors.

Intermittent memory failures may be exhibited because modules are not seated in connector.

SOLUTION:
Replace any memory (B3030-EA/FA/GA) handles with revision below Rev. C05. If part number (74-49622-01 Rev C05) not found on handle, it is below minimim revision (C05).

QUICK CHECK:
FCO is already installed if handle is label with the part number ( 74-49622-01 Rev. C05 )

PRE/CO-REQUISITE FCO:
None

TOOL/TEST EQUIPMENT:
Phillips Type 1 screw driver for removing memory handle from module

FCO PARTS INFORMATION

<table>
<thead>
<tr>
<th>FCO KIT NO.</th>
<th>DESCRIPTION OF CONTENTS</th>
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<tbody>
<tr>
<td>EQ-01755-01</td>
<td>74-49622-01 rev C05 (qty 2)</td>
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<tr>
<td>FA-05090-01</td>
<td>FCO instruction Lars codes.</td>
</tr>
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</table>

FCO CHARGING INFORMATION

Digital Employees should use the attached information to complete their LARS report.
**NON-DIGITAL SERVICE PROVIDERS**

Authorization, Ordering and Claim directions will be sent to you from the Digital AWSP office. All requests should be directed to 1-800-398-2977 (AWSP) #2.

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**FIELD APPLICATION DOCUMENT (FA), Continuation Page**

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<td>FCO MS330-XX-F001</td>
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*****************************************************************
*                         C A U T I O N                           *
*****************************************************************
* The module, as with all modules, contains electrostatic       *
* discharge sensitive devices (ESDS). The use of the Velostat   *
* Kit or ESD module box is essential to prevent damage which    *
* may not be noticed immediately.                               *

1. Setting up Velostat Kit

   a. Unfold the Velostat mat to full size (24" x 24")
   b. Attach the 15 foot ground cord to the Velostat snap fastener on the mat.
   c. Attach the alligator clip end of the ground cord to a good ground on the cabinet.
   d. Attach the wrist strap to either wrist and the alligator clip to a convenient portion of the mat.

2. Install FCO kit

   a. Remove the memory module(s) from its option slot and place it on the Velostat mat.
   b. Remove the two screws (SEMS M3x0.5x6mm long) holding the handle to the board.
   c. Replace the memory handle(s) with new handle(s) from the FCO kit using the same screws.
   d. Return memory module(s) to the system. Visually check that the board(s) are fully seated and did not pull out of their connector when the handle is tightened down.
   d. Verify System operation.

3. Reporting Procedure

   a. Report this FCO activity on the LARS form in the "Fail Area/Module/FCO/Comments" column as follows: FCO XXXXX-X001
b. Digital field engineers should report this FCO activity on their LARS from per the attached instructions.

c. AWSP engineers should submit their normal claim form for reimbursement.

(a) Warranty Optimum, Warranty Standard and Warranty Basic (on-site) Agreements; * Note material (only) free of charge for all customers.
<table>
<thead>
<tr>
<th>WARRANTY/CONTRACT</th>
<th>NONWARRANTY/NONCONTRACT</th>
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