

PROCESSOR TYPE PDP-11/05

**11/05-00038 CODE: M**

DEC-72 - CORRECTION: Added correct holes to the #74-09458 chassis for mounting super cover of on/off switch.  
In-plant effectivity -02 phase-in

**11/05-00039 CODE: P DD: H**

DEC-72 - PROBLEM: Parts List and Unit Assembly drawing for the H740 Power Supply were deleted from the PDP-11/05 print set.  
CORRECTION: Add Parts Lists and Unit Assembly drawing for the H740 Power Supply to the PDP-11/05 Parts List and Unit Assembly drawing and update PDP-11/05 Drawing Directory, B-DD-1105-0, accordingly.  
In-plant effectivity -06 documentation change only

**11/05-00040 CODE: P DD: J**

JAN-73 - PROBLEM: PDP-11/05 variations required for UNICHANNEL 15 project.  
CORRECTION: Change documentation to create PDP-11/05-FA, -FB, -FE, and -FF.  
In-plant effectivity -06 documentation change

**11/05-00041 CODE: M DD: K**

JAN-73 - CORRECTION 1: Add height of rivet and better define material for detent, drawing B-IA-740944.  
CORRECTION 2: Delete roll form thread and replace with punched hole in shipping bracket, drawing B-MD-7409816. Replace Phillips pan head screw #9006035-1 with Phillips pan head thread cutting screw #9008143-1.  
CORRECTION 3: Call out UL decals on PDP-11/05 Parts List.  
In-plant effectivity -Phase-in

**KY11J-00001 DD: L**

**11/05-C0042 CODE: F**

FEB-73 - PROBLEM: Random power failure problems due to transients across transformer primary.  
CORRECTION: Add a filter capacitor across transformer primary on AC input harness to reduce transients.

NOTE: This FCO should be installed only if the #12-10982 ON/OFF switch is a revision "A" and random power fail problems occur when the system is turned on and off.

In-plant effectivity -To be retrofitted on all Work In Progress machines with #12-10982, revision "A", Switch Assemblies.

Field effectivity -Retrofit all PDP-11/05's and GT40's that have revision "A" #12-10982 ON/OFF switches.

( Time To Install And Test 1.0 Hour. ) ( Kit Contents -FCO/Prints )

**11/05-00043 CODE: P**

MAR-73 - PROBLEM: Wire List is incorrect causing the AWT to consistently call out errors which are corrected by hand.  
CORRECTION: Correct Wire List to correct the AWT tape. There are no resulting changes in the final interconnections of a wrapped backplane.

NOTE: Revision "C" is created for K-WL-7008843-2-1, which is the Wire List for the PDP-11/05.

In-plant effectivity -06 documentation change only

**11/05-00044 CODE: D DD: M**

MAY-73 - PROBLEM: Cost reducing card guides.  
CORRECTION: Change from Phase II, combination sheet metal, plastic card guides #74-09580 and #74-09481 to Phase III all-plastic card guides #12-11090 and #12-11100.

NOTE: This ECO must be installed in conjunction with ECO's 5409818-00004, 5410035-00003, and GT40-00010.

In-plant effectivity -02 phase-in; must coincide with Phase III die cast frame #12-10991.

**11/05-00045 CODE: D**

JUN-73 - CORRECTION: Update and correct errors in the 8K Wire List which are causing problems during AWT.

NOTE: This FCO creates revision "D" of K-WL-7008843-1-1 which is the Wire List for the PDP-11/05.

In-plant effectivity -Replace revision "C" NC tape, Gardner Denver tape and AWT tapes with Engineering approval.

**11/05-C0046 CODE: F DD: N**

JUL-73 - PROBLEM 1: Cooling of the logic and power supply areas.  
CORRECTION 1: Rework filler strip #12-10974 by adding slots to allow air to escape logic area and as an intake for power supply area. Add foam to logic frame to seal area from power supply area.

PROBLEM 2: Incorrect part numbers called out on Parts List for back panel assembly.

CORRECTION 2: Correct part numbers for back panel assemblies.

PROBLEM 3: Capacitors on regulator board bottom on chassis, causing the board to bow.

CORRECTION 3: Add fiber washers between regulator board and chassis.

NOTE 1: If a system is showing long term reliability problems and/or is running in an environment above 25 degrees centigrade, this FCO should be implemented.

NOTE 2: There are three separate parts kits for this fco: Kit #1 includes the foam strips and the filler strip assembly for Correction #1 for all 11/05 chassis; Kit #2 includes foam strips only for Correction #1 for GT40's only; Kit #3 includes fiber washers and screws for Correction #3. When ordering, please specify which kits are required; if not specified, kits #1 and #3 will be shipped.

NOTE 3: See continuation supplement FCO 11/05-C046A and correction supplement FCO 11/05-C046B.

In-plant effectivity -This FCO must be installed in all units leaving Puerto Rico 8/1/73. Correction #1 must be installed in all units leaving Westminster 8/15/73. Correction #3 is to be installed in Westminster as necessary.

Field effectivity -Retrofit all PDP-11/05's, 11/10's, GT40's and UC15's when symptoms are present.

( Time To Install And Test 2.0 Hours. ) ( Kit Contents -FCO/Prints And Parts )

**11/05-C046A CODE: F**

JUL-73 - PROBLEM: GT40 variations were not ordered to be retrofitted to Correction #1 of FCO 11/05-C0046.

CORRECTION: Retrofit variations PDP-11/05-MA, -MB, -PA, and -PB.

In-plant effectivity -Unchanged

Field effectivity -Unchanged

**11/05-C046B CODE: F**

AUG-73 - PROBLEM: Parts necessary for FCO 11/05-C0046 will not be available by stated BREAK-IN date.

CORRECTION: Change BREAK-IN to September 1, add coordination with FCO 11/05-C0048. Delete Westminster BREAK-IN date for customer ships.

In-plant effectivity -BREAK-IN delayed

Field effectivity -Unchanged

**11/05-00047 CODE: P DD: P**

JUL-73 - PROBLEM: PDP-11/05-NC and -ND, 10-1/2 inch box, prints are not included in the PDP-11/05 print set.

CORRECTION: Incorporate PDP-11/05-NC and -ND prints in the present print set. Create a manufacturing print set.

NOTE: See continuation supplement ECO 11/05-0047A.

In-plant effectivity -06 -Documentation change only

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**11/05-0047A CODE: P**

AUG-73 - PROBLEM: Item #89, screw, on Parts List is incorrect length. Module Utilization decal is not included on Parts List.  
CORRECTION: Correct Item #89 on Parts List and add decal from 0.31 inch to 0.25 inch length.  
In-plant effectivity -Unchanged

**11/05-C0048 CODE: F DD: R**

AUG-73 - PROBLEM: Cooling problem requires the use of air baffles.  
CORRECTION: Add air baffle #12-11381 to vacant slots in right hand card guide.

NOTE 1: See correction supplement FCO 11/05-C048A.

NOTE 2: One air baffle is required per empty slot; the quantity required should be specified when placing an order for a parts kit for this FCO. If no quantity is specified, three baffles will be shipped.

In-plant effectivity -Retrofit all units leaving Puerto Rico after August 20, 1973.

Field effectivity -Retrofit PDP-11/05's or PDP-11/10's when symptoms are present.

( Time To Install And Test .5 Hour. ) ( Kit Contents -F1011 -FCO/Prints And Parts )

**11/05-C048A CODE: F**

AUG-73 - PROBLEM: FCO 11/05-C0048 not coordinated with FCO 11/05-C0046.

CORRECTION: Change BREAK-IN date to September 1 so that FCO's are in agreement. Delete Westminster BREAK-IN date for customer ships.

In-plant effectivity -BREAK-IN delayed

Field effectivity -Unchanged

**11/05-00049 CODE: P DD: S**

AUG-73 - CORRECTION: Add the Illustrated Parts Breakdown to the Accessory List.

In-plant effectivity -Incorporate IPB , DEC11/05 5.25 IPB , immediately

**11/05-00050 CODE: D DD: T**

OCT-73 - PROBLEM: Transformer cable with three pin MATE-N-LOCK connector causes problems when mounting in power supply chassis.

CORRECTION: Transformer cable should be routed between the two large capacitors and the capacitor holder, #53-10126.

In-plant effectivity -All future units, after October 15, 1973.

**11/05-00051 CODE: M DD: U**

OCT-73 - PROBLEM: Fan clips cannot be used with both IMC and ROT-ROD fans.

CORRECTION: Delete fan clips. Add six 6-32 Kep nuts and six 6-32 X 5/8 inch Phillips pan head screws.

In-plant effectivity -Phase-in October 15, 1973

**11/05-00052 CODE: M DD: V**

NOV-73 - PROBLEM: New logic frame requires new retainer connector block.

CORRECTION: Replace connector block retainers with new retainers.

In-plant effectivity -Phase-in