

PROCESSOR TYPE PDP-11/40

11/40-00001 CODE: M

AUG-72 - PROBLEM: Shorter #74-09289 panel mounting bracket required for PDP-11/40.

CORRECTION: Add variations to drawing D-IA-7409289-0-0 as follows:

Variation "0" for PDP-11/45; variation "1" for PDP-11/40.

In-plant effectivity -02 phase-in

11/40-B0002 CODE: F DD: A

OCT-72 - PROBLEM 1: Documentation incomplete.

CORRECTION 1: Add and delete prints in the PDP-11/40 print set.

CORRECTION 2: Correct drafting errors.

In-plant effectivity -06 documentation change only

Field effectivity -Update all customer print sets

(Time To Install And Test N/A) (Kit Contents -FCO/Prints)

11/40-00003 CODE: D DD: B

JAN-73 - CORRECTION: Add cable clamp and strap, part #12-11215, to drawings and Parts List.

In-plant effectivity -Documentation/design phase-in

11/40-00004 CODE: D DD: C

MAR-73 - PROBLEM 1: Phase-in required for 861 Power Controller. Cabinet fan wiring must change.

CORRECTION 1: Change prints and Parts List for 861 Power Controller. Show changes necessary for fan wiring.

PROBLEM 2: Power supply is too high; access is limited.

CORRECTION 2: Lower power supply in cabinet to hole #25.

PROBLEM 3: Power Distribution Cable for unused system units on Accessory List does not appear in kitting print out.

CORRECTION 3: Add Power Distribution Cable to A-PL-11/40-0-0 in addition to Accessory List.

In-plant effectivity -02 phase-in

11/40-C0005 CODE: F DD: D

APR-73 - CORRECTION 1: Correct construction drawing for #70-09046 Power Harness with respect to lengths and breakout points.

CORRECTION 2: Name the #70-09046 harness "PDP-11/40 Processor Power Harness".

PROBLEM 3: First PDP-11/40 memory harness, #70-09103, now listed on MF11-L Drawing Directory; it is not on any Parts List.

CORRECTION 3: Add memory harness to PDP-11/40 Drawing Directory and Parts List.

NOTE: See continuation supplement ECO PDP-11/40-0005A.

In-plant effectivity -02 phase-in; change prints immediately. Build all new harnesses to new prints. Change does not affect units already built.

Field effectivity -Replace #70-09046 cable in all PDP-11/40's manufactured before June 1, 1973

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

11/40-C005A CODE: F

APR-73 - PROBLEM: After several insertions of the #70-09046 PDP-11/40 Processor Power Harness, the mechanical pin contact for +5V becomes loose, causing arcing. This arcing, coupled with the amount of current drawn on the +5V line, may cause the MATE-N-LOCK to melt.

CORRECTION: Correct drawings to provide a second +5V source to the power harness.

NOTE: Field Service is not affected by the original ECO, 11/40-C0005.

In-plant effectivity -Unchanged

Field effectivity -Initiated

11/40-C0006 CODE: F

APR-73 - PROBLEM: Fan wiring radiates AC line noise into AC LOW and DC LOW signals in #70-08754 Power Harness.

CORRECTION: Replace 18 gauge red/white twisted pair wiring for fans with shielded 18 gauge wire, #91-07701. Also install FCO BA11F-C0012 to #70-08911 Expander Box AC strip.

NOTE: This FCO creates 7008754 WL revision "B".

In-plant effectivity -02 phase-in; all machines shipped from Westminster 4/27/73 and after.

Field effectivity -Retrofit all PDP-11/40's which exhibit power fail problems.

(Time To Install And Test 1.0 Hour.) (Kit Contents -F815 FCO/Prints And Parts)

11/40-00007 CODE: P DD: E

JUN-73 - CORRECTION 1: Add new assembly configurations, PDP-11/40-FA, -FB, -FE, and -FF to PDP-11/40 Assembly Configuration sheet.

CORRECTION 2: Check off a manufacturing print set on the PDP-11/40 Drawing Directory.

CORRECTION 3: Add new documents, PDP-11/40 Assembly Configuration and Power Harness print to the PDP-11/40 Drawing Directory.

In-plant effectivity -06 documentation change only

11/40-00008 CODE: M DD: F

JUL-73 - PROBLEM: A thick latch molding, #12-11386, has been designed to replace the spacer, #74-07789.

CORRECTION: Add thick latch molding to Unit Assembly drawing and Parts List.

In-plant effectivity -02 * -Phase-in by September 1, 1973

11/40-00009 CODE: D DD: H

OCT-73 - CORRECTION 1: Add Basic and System Checkout and Acceptance Procedures to Drawing Directory.

PROBLEM 2: Must add new variations, PDP-11/40-CS, -CT, -AG, and -AD to the PDP-11/40 Parts List. Must add third H744 regulator to Parts List.

PROBLEM 3: Must add several new system configurations to Assembly Configuration drawing, C-PL-11/40-0-3.

CORRECTIONS 2 and 3: Add new Parts List and system configuration variations to appropriate drawings.

CORRECTION 4: Add additional sheet to PDP-11/40 Unit Assembly drawing showing short cabinet configuration.

In-plant effectivity -02 * phase-in. Existing print sets do not have to be marked up. Phase-in third H744 regulator to all machines in production by December 1, 1973.

11/40-00010 CODE: D DD: J

NOV-73 - PROBLEM: PDP-11/40 documentation must be revised to incorporate new power distribution hardware.

CORRECTION: The PDP-11/40 print set is to be redrawn to incorporate the changes.

NOTE: See correction supplement ECO 11/40-0010A.

In-plant effectivity -New power distribution to be phased-in by 2/1/74. Assign a serial number greater than 6000 to all machines with this ECO.

11/40-0010A CODE: D

NOV-73 - PROBLEM: A part number is incorrectly called out on ECO 11/40-00010.

CORRECTION: Change part number for 6-PIN jumper harness from the incorrectly referenced D-IA-7009563-0 to the proper number, D-IA-7009573-0.

In-plant effectivity -Documentation change only

11/40-00011 CODE: P DD: K

JAN-74 - PROBLEM 1: Production is using the die cast bezel #12-10710. But print set calls out old sand cast bezel #74-09305.

CORRECTION 1: Correct prints to reflect new die cast bezel.

PROBLEM 2: Print set does not call out new mounting hardware for the power distribution harness of the PDP-11/40 basic assembly.

CORRECTION 2: Correct prints to show new mounting hardware and change Parts List.

In-plant effectivity -To be implemented when new power distribution brackets #74-11220 are available to production, by February 7, 1974.