

L080

PN COMPATIBILITY LISTING

PN 63403

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LIST OF EFFECTIVE PAGES

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Total number of pages in this volume is 26, consisting of the following pages:

TITLE		PAGE NO.	PAGE LEVEL	EC DATE
COVER				
LIST OF EFFECTIVE PAGES		III	141059	06/05
INTRODUCTION		IV		
		V		
PWA	PWA, LLC	2-1	141542	02/05
MCODE	FUNC MCODE	3-1	141059	06/05
CABLE	CABLE ASSY, CAP SENSOR	4-1	141471	01/05
CABLE	CABLE ASSY, DRW-LLC	4-2	141471	01/05
CABLE	CABLE ASSY, LLC DOOR INTERLOCK	4-3	141471	01/05
CABLE	CABLE ASSY, L80 HAND	4-4	141471	01/05
CABLE	CABLE ASSY, L80 OP PANEL	4-5	141471	01/05
CABLE	CABLE ASSY, LLC-TTI/CART EJECT/FAN	4-6	141471	01/05
CABLE	CABLE ASSY, PWR-DRV	4-7	141471	01/05
CABLE	CABLE ASSY, PWR-DRW	4-8	141471	01/05
CABLE	CABLE ASSY, UNIVSL, SCSI Y	4-9	141471	01/05
CABLE	CABLE ASSY, SECURITY KEY	4-10	141471	01/05
CABLE	CABLE ASSY, UNIVSL, SCSI Y, LONG	4-11	141659	05/05
CABLE	CABLE ASSY, Z COLUMN	4-12	141471	01/05
FAN	FAN, CABLE & CONNECTOR ASSY	4-16	141471	01/05
INTERFACE	<i>This page has been deleted</i>	4-17	141471	01/05
HND ASSY	HAND ASSY	4-18	141424	03/05
OP PNL ASSY	OP PANEL ASSY	4-19	141471	01/05
PWR SUPPLY	PS, AC/DC, 400W, ATX-MOD, W-PFC	4-20	128065	01/05
MTR ASSY	MOTOR ASSY, THETA	4-21	141471	01/05
MTR ASSY	MOTOR ASSY, Z	4-22	141471	01/05

INTRODUCTION

This manual contains two parts:

1. INTRODUCTION - which defines the content of the manual and explains how to use it.

Total number of pages in this volume is 26, consisting of the following pages:

Downward Compatible: A new assembly (usually a higher PN) is a direct replacement (downward compatible) for an old assembly (usually a lower PN) when it does not degrade machine performance. Downward compatibility is indicated when both assemblies have the same compatibility number for a specific application.

Upward Compatible: An old assembly (usually a lower PN) is equivalent to (upward compatible) and may directly replace a new assembly (usually a higher PN) if its use does not affect machine performance. Upward compatibility is indicated when assemblies having the same compatibility number are also indicated as "equivalent" in the "Description of EC" field.

Each page in the compatibility section contains the compatibility information for each FRU. It shows the history of Engineering Changes (ECs) that resulted in part number changes for that FRU. It also shows which part numbers are obsolete and which part numbers can be used to replace them.

For some FRUs, the functional changes that resulted in new part numbers will not function without corresponding machine rework. This usually results in a compatibility number change for the new assembly. The "Description of EC" field will summarize the changes. A Field APL defining the required rework will be listed in a separate column next to the EC number if applicable.

When a common FRU is released or modified for specific use in a new model or feature, the compatibility number will roll to indicate the new part number is not downward compatible for the new feature or models.

If the FRU is downward compatible for other existing models, an explanation will be added to the EC Description field.

If the compatibility number does not change, the new FRU will perform at least the same functions as the older FRU.

COMPATIBILITY AND OBSOLESCENCE

Any part number that is prefixed with an asterisk (*) is an obsolete part number. Obsolete means that the part will no longer be supplied. If an obsolete part is ordered, the field parts crib will substitute a part that is downward compatible or equivalent to the part number ordered.

Downward compatibility is designated by the compatibility number to the right of the part number. A FRU of a given part number is downward compatible with all those lower part number FRUs that have the same compatibility number. This means it can be used to replace any of the lower part numbers having the same compatibility number without requiring rework to another FRU or the machine.

For Example:

PART NUMBER	COMP NO	EC NO	SOFT REF	HEX FEAT	FIELD BILL	DESCRIPTION OF EC
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Total number of pages in this volume is 26, consisting of the following pages:

*42150102	1	40030			NONE	ADD REWORK
42150202	1	40040			8612	IMBED REWORK - EQUIV TO 102
*42150203	2	40050			8619	ADD REWORK. REQUIRED MBD AT LEVEL ___.
42150204	2	40060			NONE	ADD REWORK

In the above example:

P/N 42150 101 can replace only itself.

P/N 42150 102 can replace itself or P/N 42150101 (or -202 because it is equivalent).

P/N 42150 202 can replace itself, P/N 42150101 or P/N 42150102.

P/N 42150 203 can replace only itself. (Can not replace lower level cards unless MBD change or other prerequisite is installed).

P/N 42150 204 can replace itself and -203. (Cannot replace lower level cards unless MBD change or other prerequisite is installed).

* The asterisk to the left of a part number indicates that the part is obsolete and is no longer supported by manufacturing. The highest level part for each compatibility level should not carry an asterisk because manufacturing must support field spares until all machines have been brought to the next compatibility level.

CAUTION

Upward compatibility exists only if two FRUs with the same compatibility number are described as "equivalent" in the "Description of EC" field. Any other substitution of a lower part number for a higher part number requires a great deal of caution. Such practice may result in noise problems, timing problems, diagnostic errors, etc. Any attempt to utilize such a lower part number requires ensuring that functional changes or improvements missing from the lower part number will not result in customer system operation degradation. Reference the description of each EC and ensure that no machine wiring changes or companion changes to other FRUs were required at the time the higher part number was originally installed. Usage in this manner is not recommended and should be avoided if possible.

UPDATING THE MANUAL

To update the manual, insert the new pages according to the new list of effective pages. Remove and discard any pages that are replaced by a later EC level, or are shown as deleted from the list of effective pages.

Comments concerning the content of this manual should be directed to Configuration Management at the address below. In case of errors, please give specific page and line references, where appropriate. For a reply, include name and address.

Requests for additional copies of this manual should be directed to the Field Crib via Field Inventory System (FIS) terminals.

FRU NAME	PWA, LLC
PRODUCT NUMBER	L080
FAMID CODE	FAMID476
FRUID NAME	PWA, LLC
DESCRIPTION	PWA, LLC

PART NUMBER	COMP NO	EC NO	SOFT REF	HEX FEAT	FIELD BILL	DESCRIPTION OF EC
*310667405	1	140137	00	00	NONE	INITIAL RELEASE.
*310667406	1	140179	00	00	NONE	CLASS B EMI FIX.
*310667407	1	140511	00	00	NONE	TTI RESISTOR CHANGE.
310667408	1	140828	00	00	NONE	BOOTCODE CHANGE TO FIX SPLITTING OF SUBHEADERS DURING DOWNLOAD.
310667408	1	141542	00	00	NONE	EQUIVALENT TO 310667409.
310667409	1	141542	00	00	NONE	REPLACE OBSOLETE COMPONENT. EQUIVALENT TO 310667408.

FRU NAME FUNCTIONAL MCODE
 PRODUCT NUMBER L080
 FAMID CODE FAMID476
 FRUID NAME MCODE
 DESCRIPTION FUNCTIONAL MCODE

PART NUMBER	COMP NO	EC NO	SOFT REF	HEX FEAT	FIELD BILL	DESCRIPTION OF EC
313630701	1	140137	00	00	NONE	INITIAL RELEASE.
313630701	1	140330	00	00	NONE	REPLACED BY 313630804.
*313630804	1	140330	00	00	NONE	1.20.00 UPGRADE.
*313630805	1	140467	00	00	NONE	2.00.00 UPGRADE.
*313630806	1	140593	00	00	*101485	2.02.00 UPGRADE. FIELD EXCEPTIONAL.
*313630807	1	140611	00	00	*101514	2.06.00 UPGRADE. FIELD EXCEPTIONAL.
*313630808	1	140783	00	00	*101640	2.10.00 UPGRADE. FIELD EXCEPTIONAL.
*313630809	1	140792	00	00	*101641	2.11.01 UPGRADE. FIELD EXCEPTIONAL.
*313630810	1	140886	00	00	*101690	2.12.06 UPGRADE. FIELD EXCEPTIONAL.
*313630811	1	140907	00	00	*101704	2.12.07 UPGRADE. FIELD EXCEPTIONAL. ADD RETRIES TO IBM DRIVE DISMOUNTS.
*313630812	1	140943	00	00	*101730	2.13.01 UPGRADE. FIELD EXCEPTIONAL. ADD IBM LTO2 SCSI SUPPORT, REMOVE SCSI IMAGE SIZE CONSTRAINT, UPLEVEL TO SUPPORT L-SERIES 2.00 MIB AND ENHANCE LIBRARY STATUS AND ADMIN TOOLS TO SHOW OCCUPIED AND FREE CELL COUNTS.
*313630812	1	140939B	00	00	NONE	PRE-REQUISITE TO IBM LTO SCSI MCODE 3481.
*313630813	1	140985	00	00	*101740	2.14.01 UPGRADE. FIELD EXCEPTIONAL. IMPROVE GET ALGORITHM TO ADDRESS LIGHTER CARTRIDGE GETS.

FRU NAME CABLE
PRODUCT NUMBER L080
FAMID CODE FAMID476
FRUID NAME CABLE
DESCRIPTION CABLE ASSEMBLY CAP SENSOR

PART NUMBER	COMP NO	EC NO	SOFT REF	HEX FEAT	FIELD BILL	DESCRIPTION OF EC
313627102	1	140137	00	00	NONE	INITIAL RELEASE.

FRU NAME CABLE
PRODUCT NUMBER L080
FAMID CODE FAMID476
FRUID NAME CABLE
DESCRIPTION CABLE ASSEMBLY DRW-LLC

PART NUMBER	COMP NO	EC NO	SOFT REF	HEX FEAT	FIELD BILL	DESCRIPTION OF EC
313640001	1	140137	00	00	NONE	INITIAL RELEASE.

FRU NAME CABLE
PRODUCT NUMBER L080
FAMID CODE FAMID476
FRUID NAME CABLE
DESCRIPTION CABLE ASSEMBLY LLC-DOOR INTERLOCK

PART NUMBER	COMP NO	EC NO	SOFT REF	HEX FEAT	FIELD BILL	DESCRIPTION OF EC
309873204	1	140137	00	00	NONE	INITIAL RELEASE.

FRU NAME CABLE
 PRODUCT NUMBER L080
 FAMID CODE FAMID476
 FRUID NAME CABLE
 DESCRIPTION CABLE ASSEMBLY L080 HAND

PART NUMBER	COMP NO	EC NO	SOFT REF	HEX FEAT	FIELD BILL	DESCRIPTION OF EC
*313627203	1	140137	00	00	NONE	INITIAL RELEASE.
313627204	1	140248	00	00	NONE	INPROVED ADHESIVE TECHNIQUES AND TWEAKED BENDS.

FRU NAME CABLE
 PRODUCT NUMBER L080
 FAMID CODE FAMID476
 FRUID NAME CABLE
 DESCRIPTION CABLE ASSEMBLY L080 OP PANEL

PART NUMBER	COMP NO	EC NO	SOFT REF	HEX FEAT	FIELD BILL	DESCRIPTION OF EC
*309872803	1	140137	00	00	NONE	INITIAL RELEASE.
*309872804	1	140248	00	00	NONE	TWEAKED BENDS.
309872805	1	140362	00	00	NONE	MODIFY LENGTH.

FRU NAME CABLE
 PRODUCT NUMBER L080
 FAMID CODE FAMID476
 FRUID NAME CABLE
 DESCRIPTION CABLE ASSEMBLY LLC-TTI/CART EJECT/FAN

PART NUMBER	COMP NO	EC NO	SOFT HEX		FIELD BILL	DESCRIPTION OF EC
			REF	FEAT		
*313627502	1	140137	00	00	NONE	INITIAL RELEASE.
*313627503	1	140248	00	00	NONE	REDESIGN.
313627504	1	140362	00	00	NONE	LENGTH CHANGE.

FRU NAME CABLE
PRODUCT NUMBER L080
FAMID CODE FAMID476
FRUID NAME CABLE
DESCRIPTION CABLE ASSEMBLY PWR-DRV

PART NUMBER	COMP NO	EC NO	SOFT REF	HEX FEAT	FIELD BILL	DESCRIPTION OF EC
313627303	1	140137	00	00	NONE	INITIAL RELEASE.

FRU NAME CABLE
 PRODUCT NUMBER L080
 FAMID CODE FAMID476
 FRUID NAME CABLE
 DESCRIPTION CABLE ASSEMBLY PWR-DRW

PART NUMBER	COMP NO	EC NO	SOFT REF	HEX FEAT	FIELD BILL	DESCRIPTION OF EC
*313640102	1	140137	00	00	NONE	INITIAL RELEASE.
313640103	1	140248	00	00	NONE	CORRECTED CONTACTS.

FRU NAME CABLE
 PRODUCT NUMBER L080
 FAMID CODE FAMID476
 FRUID NAME CABLE
 DESCRIPTION CABLE ASSEMBLY UNIVSL SCSI Y

PART NUMBER	COMP NO	EC NO	SOFT REF	HEX FEAT	FIELD BILL	DESCRIPTION OF EC
313113101	1	140137	00	00	NONE	INITIAL RELEASE.
313113101	1	140308	00	00	NONE	REPLACED BY 313667001.
*313667001	1	140308	00	00	NONE	INITIAL RELEASE.
313667002	1	140590	00	00	NONE	CONNECTOR CHANGE.
313667002	1	140901	00	00	101701	RELEASE EXCEPTIONAL F/B FOR CABLE REPLACEMENT.

FRU NAME CABLE
 PRODUCT NUMBER L080
 FAMID CODE FAMID476
 FRUID NAME CABLE
 DESCRIPTION CABLE ASSEMBLY SECURITY KEY

PART NUMBER	COMP NO	EC NO	SOFT REF	HEX FEAT	FIELD BILL	DESCRIPTION OF EC
*309840802	1	140137	00	00	NONE	INITIAL RELEASE.
*309840803	1	140395	00	00	NONE	CONNECTOR CHANGE.
309840804	1	141228	00	00	NONE	CORRECT TAPE SEPARATION.

FRU NAME CABLE
 PRODUCT NUMBER L080
 FAMID CODE FAMID476
 FRUID NAME CABLE
 DESCRIPTION CABLE ASSEMBLY UNIVSL SCSI Y LONG

PART NUMBER	COMP NO	EC NO	SOFT REF	HEX FEAT	FIELD BILL	DESCRIPTION OF EC
313744901	1	140590	00	00	NONE	INITIAL RELEASE.
313744901	1	140901	00	00	101701	RELEASE EXCEPTIONAL F/B FOR CABLE REPLACEMENT.
313744901	1	141695	00	00	NONE	REPLACED BY 314824302 AS FRU.
314824302	1	141695	00	00	NONE	REPLACES 313744901 AS FRU.

FRU NAME CABLE
 PRODUCT NUMBER L080
 FAMID CODE FAMID476
 FRUID NAME CABLE
 DESCRIPTION CABLE ASSEMBLY Z COLUMN

PART NUMBER	COMP NO	EC NO	SOFT REF	HEX FEAT	FIELD BILL	DESCRIPTION OF EC
*313646302	1	140137	00	00	NONE	INITIAL RELEASE.
*313646303	1	140248	00	00	NONE	TWEAKED BENDS.
313646304	1	140362	00	00	NONE	ADDED FOLD.

FRU NAME FAN
PRODUCT NUMBER L080
FAMID CODE FAMID476
FRUID NAME FAN
DESCRIPTION FAN CABLE CONNECTOR ASSEMBLY

PART NUMBER	COMP NO	EC NO	SOFT REF	HEX FEAT	FIELD BILL	DESCRIPTION OF EC
156505601	1	140137	00	00	NONE	INITIAL RELEASE.

FRU NAME INTERFACE
PRODUCT NUMBER L080
FAMID CODE FAMID476
FRUID NAME
DESCRIPTION FIBRE ROUTER ASSEMBLY

PART	COMP	SOFT	HEX	FIELD		
NUMBER	NO	EC NO	REF	FEAT	BILL	DESCRIPTION OF EC

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FRU NAME HAND
 PRODUCT NUMBER L080
 FAMID CODE FAMID476
 FRUID NAME HAND ASSEMBLY
 DESCRIPTION HAND ASSEMBLY

PART NUMBER	COMP NO	EC NO	SOFT REF	HEX FEAT	FIELD BILL	DESCRIPTION OF EC
*309876001	1	140137	00	00	NONE	INITIAL RELEASE
*309876002	1	140327	00	00	NONE	REACH ALIGNMENT FIX.
*309876003	1	140375	00	00	NONE	CHANGE BELTS TO ANTISTATIC.
*309876004	1	140499	00	00	NONE	RELEASE TOOLED REACH BELT CLAMP PARTS.
*309876005	1	140569	00	00	NONE	RELEASE MOLDED CART RUNNER.
*309876006	1	141113	00	00	NONE	LLL PROXIMITY FIX.
309876007	1	141424	00	00	NONE	MPZ\LLL LED REPLACEMENT.

FRU NAME OP PANEL
 PRODUCT NUMBER L080
 FAMID CODE FAMID476
 FRUID NAME OP PANEL
 DESCRIPTION OP PANEL ASSEMBLY

PART NUMBER	COMP NO	EC NO	SOFT REF	HEX FEAT	FIELD BILL	DESCRIPTION OF EC
*313628201	1	140137	00	00	NONE	INITIAL RELEASE.
*313628202	1	140526	00	00	NONE	ADD FILM FOR ESD FIX.
*313628203	1	140575	00	00	NONE	REMOVE PEM.
*313628204	1	140834	00	00	NONE	IMPROVE OP CABLE ROUTING WITH TIE WRAP/MOUNT.
313628205	1	140994	00	00	NONE	ADD CAP TO FIX BAD DISPLAY CHARACTERS.

FRU NAME POWER SUPPLY
 PRODUCT NUMBER L080
 FAMID CODE FAMID476
 FRUID NAME POWER SUPPLY
 DESCRIPTION PS, AC/DC, 400W, ATX-MOD, W-PFC

PART NUMBER	COMP NO	EC NO	SOFT REF	HEX FEAT	FIELD BILL	DESCRIPTION OF EC
*311592601	1	140228	00	00	NONE	INITIAL RELEASE.
311592602	1	123723	00	00	NONE	MODIFIED POWER SUPPLY TO PREVENT OVERVOLTAGE DUE TO OPEN SENSE LINES.
314335202	1	128065	00	00	NONE	THE NMB POWER SUPPLY 311592602 IS NO LONGER AVAILABLE FROM NMB. THEY HAVE CLOSED THEIR POWER SUPPLY DIVISION. THE 314335202 IS THE REPLACEMENT.

FRU NAME MOTOR
 PRODUCT NUMBER L080
 FAMID CODE FAMID476
 FRUID NAME MOTOR
 DESCRIPTION THETA MOTOR ASSEMBLY

PART NUMBER	COMP NO	EC NO	SOFT HEX		FIELD BILL	DESCRIPTION OF EC
			REF	FEAT		
*156506401	1	140137	00	00	NONE	INITIAL RELEASE.
156506402	1	140324	00	00	NONE	PULLEY CHANGES.

FRU NAME MOTOR
 PRODUCT NUMBER L080
 FAMID CODE FAMID476
 FRUID NAME MOTOR
 DESCRIPTION Z MOTOR ASSEMBLY

PART NUMBER	COMP NO	EC NO	SOFT REF	HEX FEAT	FIELD BILL	DESCRIPTION OF EC
*156507001	1	140137	00	00	NONE	INITIAL RELEASE.
156507002	1	140324	00	00	NONE	PULLEY CHANGES.