

ILLUSTRATED PARTS BREAKDOWN

RZXX SERIES EXPANDER BOX

HOW TO USE THE IPB

GENERAL

This IPB is compiled following the organization and nomenclature of the engineering drawing structure.

MAJOR ASSEMBLY LOCATOR (When Applicable)

The Major Assembly Locator (first illustration) is an index that provides a description and a figure reference for all illustrations used in this manual.

INDENTED PARTS LIST

This manual identifies each assembly being broken down (figure reference callout) and all parts of that assembly. Further breakdown of an assembly is shown by an asterisk (*) preceding the item callouts in the Description Column. The number of asterisks preceding an item is used to denote the subordination of that item with respect to the Major Assembly. A single asterisk preceding an item description indicates that the item is part of the major assembly being illustrated. Items that are subordinate to single asterisks items are denoted by two asterisks (**) and immediately follow the related single asterisk item. This system of part identification provides a means for the user to identify the next higher assembly item and make alternate selections for parts when the required replacement part of assembly is not immediately available.

COLUMN CALLOUT DESCRIPTION

Figure and Item - Indicates the figure number and item number of each part.

Description - Lists the name of the part and pertinent specifications (when required). Asterisks preceding the description denote the subordination of the part to the next higher assembly.

DEC Part No. - Lists the Digital part ordering number. A blank in this column indicates a Digital part number was not assigned at the time of publication.

ECO Cut-In - The notation at the top of this column indicates the ECO level of the system (option) at which the IPB was initially prepared. Subsequent ECO level designations that modify existing parts or add new parts to the device are inserted in the ECO Cut-In column next to the part that is added or modified.

Used On Code - Letters in this column correspond to the variation codes assigned in Figure 1. Parts with an Alpha notation(s) are used only in those option variations. A blank indicates that the part is used on all option variations.

Ref Fig No. - A cross reference between illustrations. For each Major Assembly, the number in this column denotes the figure of the next higher assembly. For all sub-assemblies, the number in this column denotes the figure showing additional detailed breakdown.

PART NUMBER/PART DESCRIPTION SORT SECTION

Parts are sorted both numerically and alphabetically by description, referenced to a location within the IPB, by figure number and item number.

REVISION HISTORY

REVISION HISTORY				OTHER IPB MANUALS REFERENCED
PRINTING	ECO LEVEL		DATE	
1st Printing	RZ55-F	00000-00000	27-MAR-89	N/A
	RZ55-H	00000-00000		
	BA40B	00000-00000		
	70-22652	00004-00004		
	70-22650	00003-00003		
	70-22653	00001-00001		

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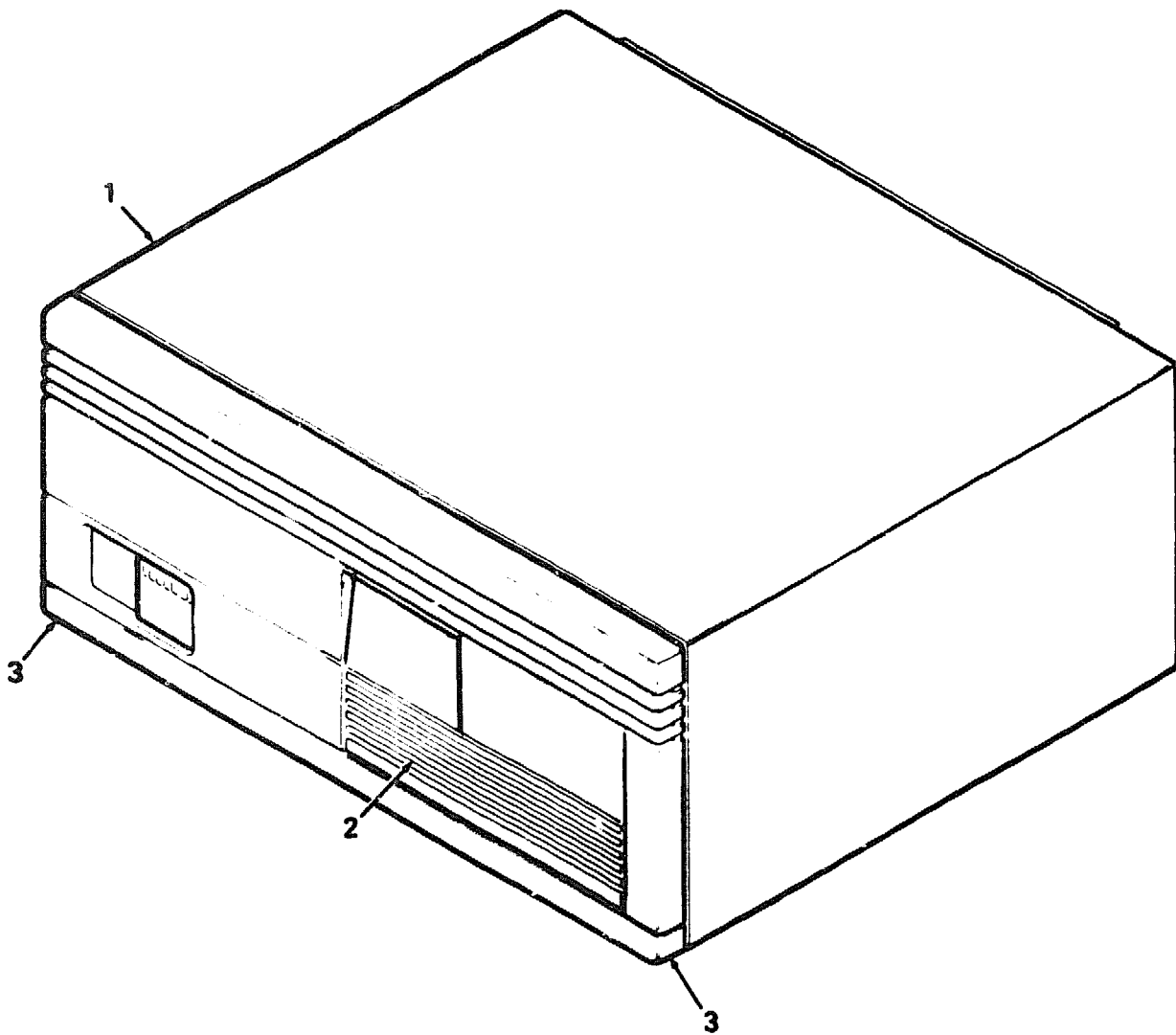
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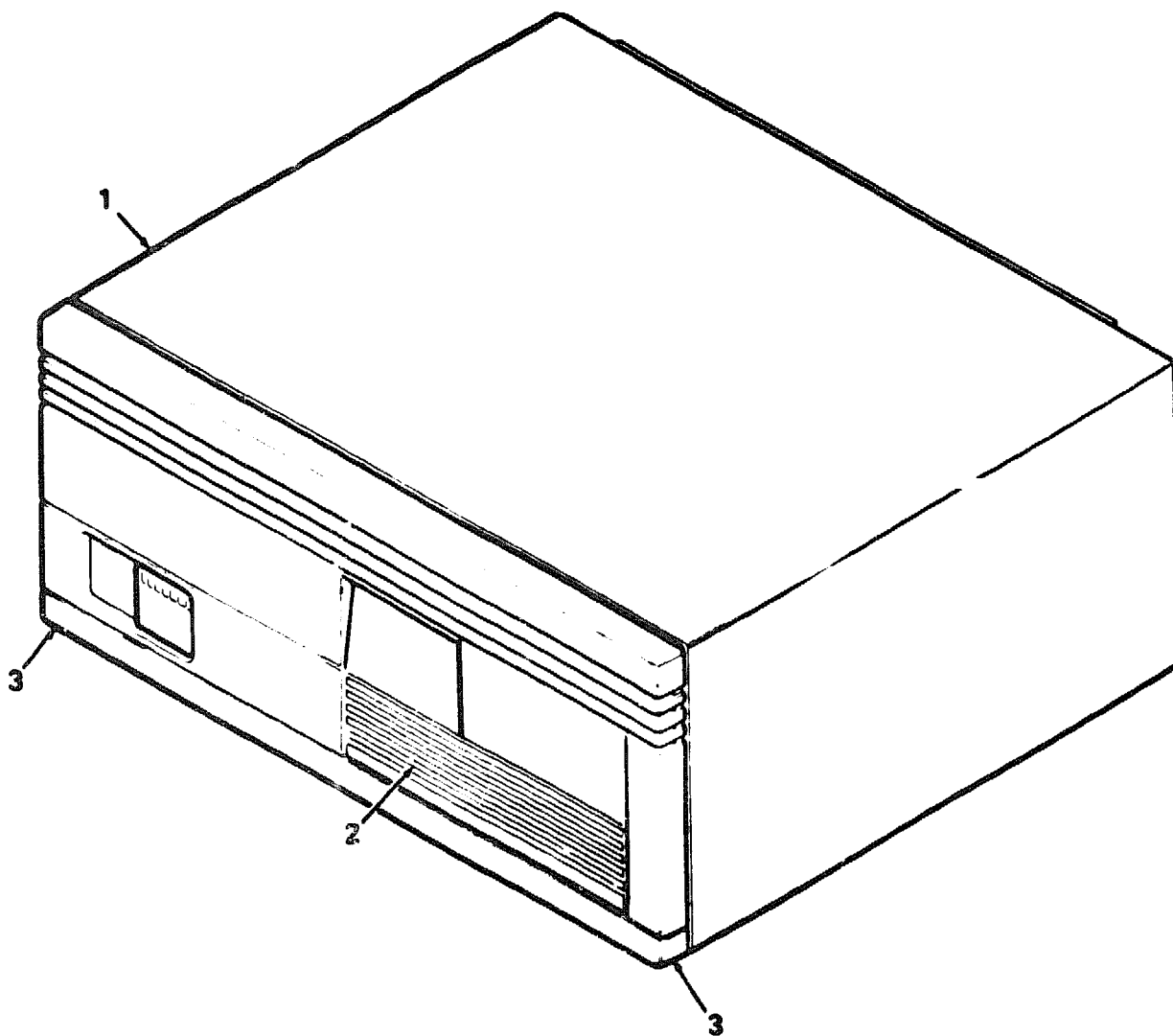
DEC
DECUS
PDP
RZ55
UNIBUS
VAX



RZXX8-01-BD

Figure 1. RZ55-F Expander Box

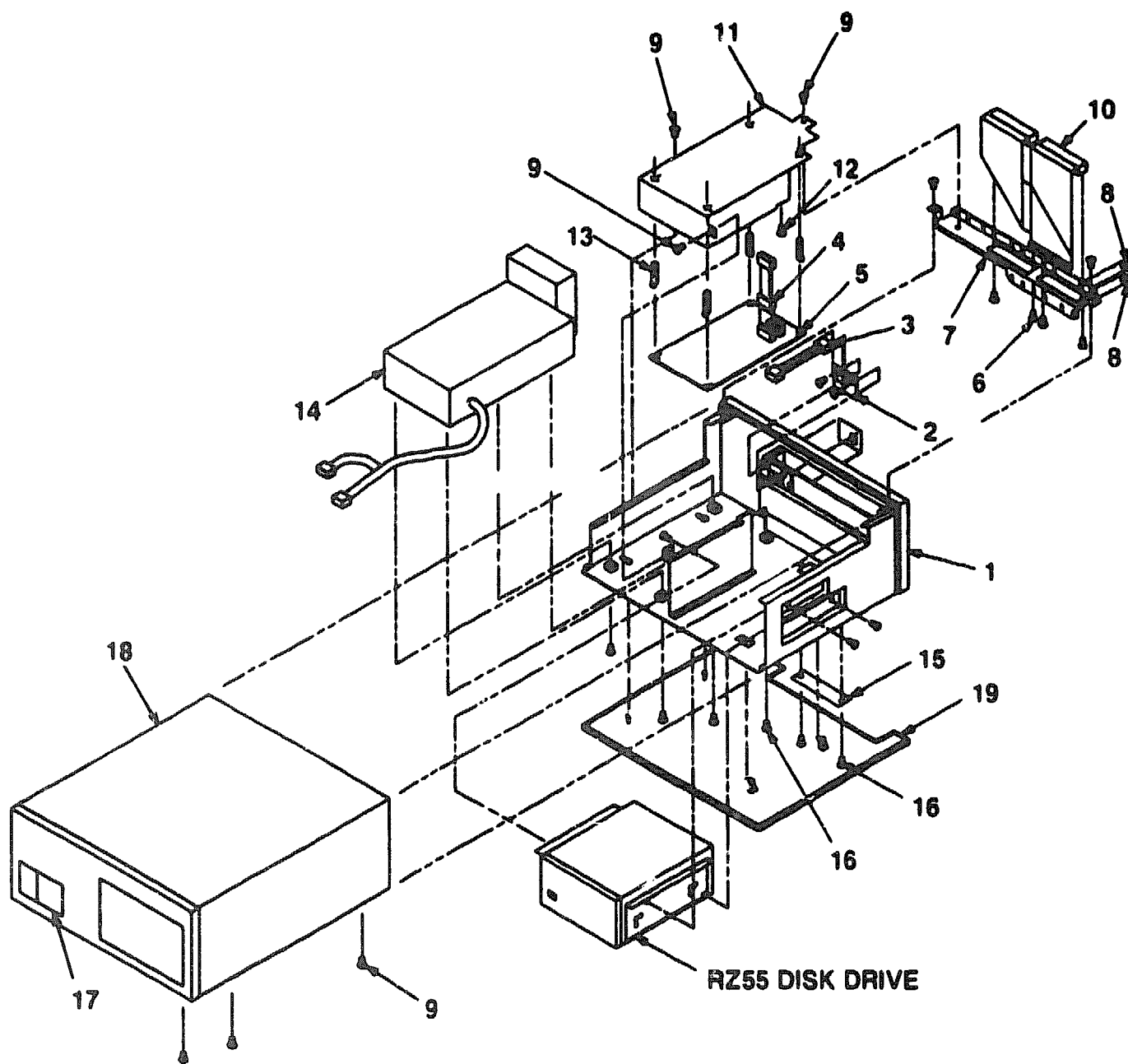
FIG. & ITEM NO.	DESCRIPTION	A DEC PART NO.	ECO CUT-IN RZ55-F 00000	USED ON CODE	REF FIG NO.
1-	RZ55-F EXPANDER BOX				
	Code A - Used on RZ55-F3 (240V)	RZ55-F3		A	
	Code B - Used on RZ55-FA (120V)	RZ55-FA		B	
1	*EXPANSION BOX, BA40B (240V)	BA40B-A3		A	2
	*EXPANSION BOX, BA40B (120V)	BA40B-AA		B	2
2	*DRIVE ASSEMBLY, RZ55	70-22652-09			3
3	*Screw, Sems Phi Pan Hd No. 6-32 x 3/16	90-00049-47			
	CABLES (Not Shown)				
	*Cord, Power SVT 125V	17-00606-02		B	
	*Connector, SCSI Term 50 Pos Champ Hsg	12-30552-01			
	*Cable Assembly, 28 Cond Rnd 28 AWG	17-02008-01			
	*Cable Assembly, 50 Cond Molded Shielded	17-01351-02			
	LABEL (Not Shown)				
	*Label, "RZ SCSI"	36-30930-01			



RZXXS-01A-BD

Figure 1A. RZ55-H Expander Box

FIG. & ITEM NO.	DESCRIPTION	^A DEC PART NO.	ECO CUT-IN RZ55-H 00000	USED ON CODE	REF FIG NO.
1A-	RZ55-H EXPANDER BOX				
	Code A - Used on RZ55-HA (120V)	RZ55-HA		C	
	Code B - Used on RZ55-H3 (240V)	RZ55-H3		D	
1	*EXPANSION BOX. BA40B (240V)	BA40B-A3		D	2
	*EXPANSION BOX. BA40E (120V)	BA40B-AA		C	2
2	*DRIVE ASSEMBLY. RZ55	70-22652-09			3
3	*Screw. Sems Phi Pan Hd No. 6-32 x 3/16	90-00049-47			
	LABEL (Not Shown)				
	*Label. "RZ SCSI"	36-30930-01			



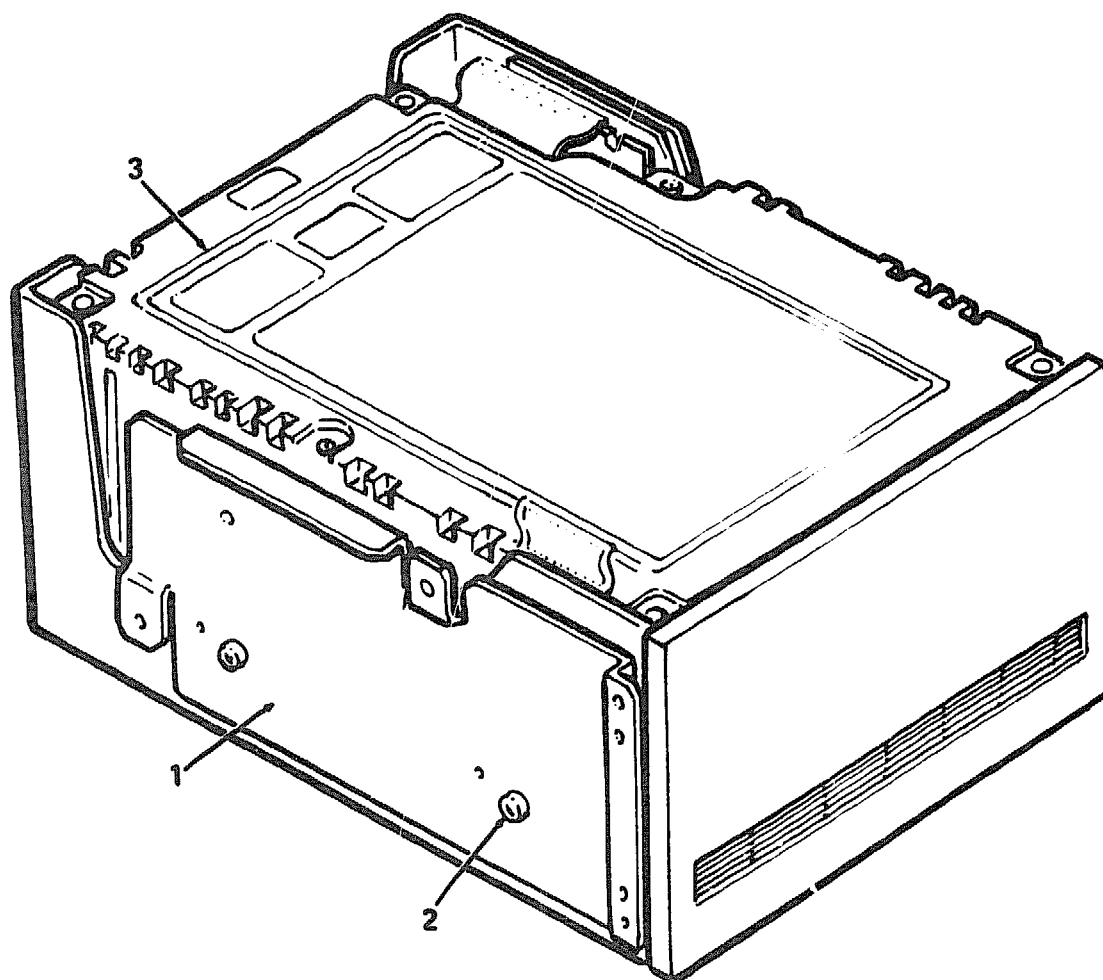
RZ55 DISK DRIVE

RZXXS-02-IL

Figure 2. Expansion Box, BA40B

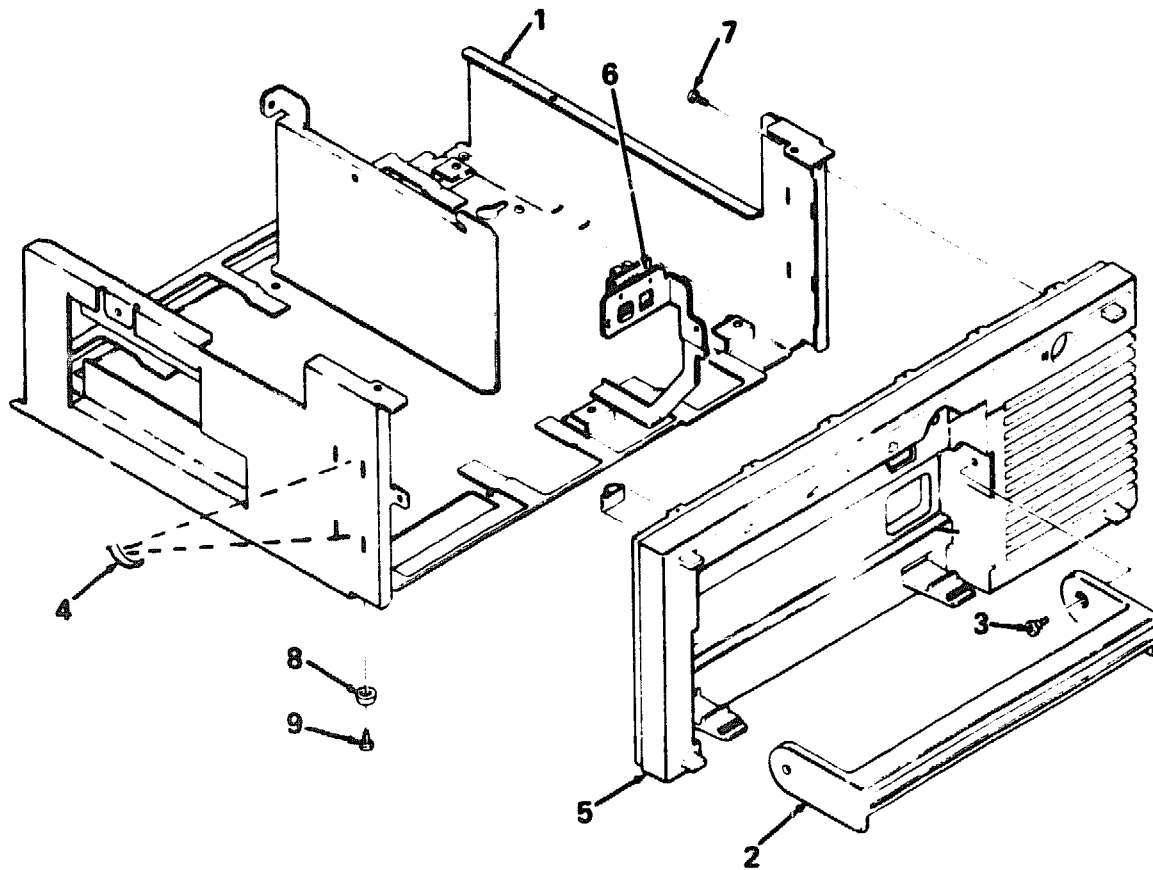
FIG. & ITEM NO.	DESCRIPTION	^A DEC PART NO.	ECO CUT-IN BA40B 00000	USED ON CODE	REF FIG NO.
2-	EXPANSION BOX. BA40B (240V) EXPANSION BOX. BA40B (120V)	BA40B-F3 BA40B-FA		A B	1.1A 1.1A
1	*CHASSIS ASSEMBLY	70-22650-04			4
2	*Module. PVAX Switch	54-19325-01			
3	*Cable Assembly. 6 Conductor Flat Ribbon	17-02299-01			
4	*Harness Assembly. Wire 04 Cond 18 AWG	17-00342-01			
5	*Module. Loads Board	54-17163-01			
6	*Screw. Sems Phi Pan Hd No. 4-40 x 1/4	90-00049-66			
7	*Bracket. Rear Connector	74-38249-01			
8	*Finger. Grounding	12-26922-01			
9	*Screw. Sems Phi Pan Hd No. 6-32 x 5/16	90-00049-67			
10	*Cable Assembly. 50 Cond Flat. 28 AWG	17-01249-01			
11	*Support. Load Board	74-38250-01			
12	*Bumper. Rubber	90-09567-00			
13	*Standoff. Nylon	12-19857-03			
14	*Power Supply. 120V 104Watt +5	H7848-BA		B.C	
	*Power Supply. 240V 104Watt +5	H7848-BB		A.D	
15	*Panel. Cover	74-33070-01			
16	*Screw. Sems Phi Pan Hd No. 6-32 x 3/16	90-00049-47			
17	*Medallion	74-33609-02			
18	*COVER ASSEMBLY	70-22653-01			5
19	*Cover. Bottom	74-32769-01			

FIG. & ITEM NO.	DESCRIPTION	H DEC PART NO.	ECO CUT-IN 70-22652 00004	USED ON CODE	REF FIG NO.
3-	DRIVE ASSEMBLY, RZ55	70-22652-09			1
1	*Bracket, Inner L.H.	74-32764-01			
	*Bracket, Inner R.H.	74-32764-02			
2	*Screw, Sems Phi Pan Hd No. 6-32 x 5/16	90-00049-22			
3	*Disk Drive, RZ55-E	RZ55-E			



RZXXS-03-BD

Figure 3. Drive Assembly, RZ55

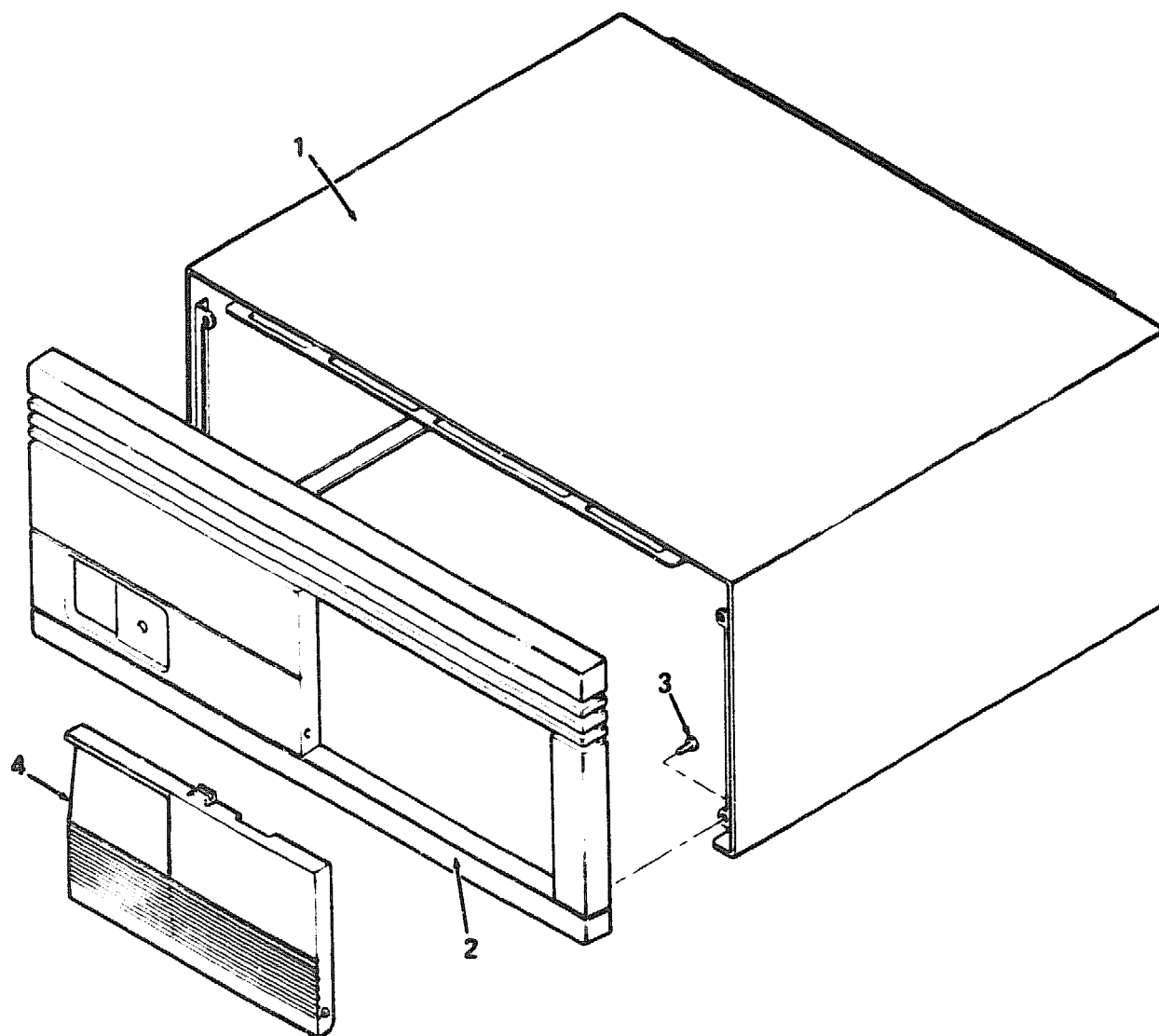


RZXXS-04-BD

Figure 4. Chassis Assembly

FIG. & ITEM NO.	DESCRIPTION	DEC PART NO.	ECO CUT-IN 70-22650 00003	USED ON CODE	REF FIG NO.
4-	CHASSIS ASSEMBLY	70-22650-04			2
1	*Weldment, Chassis Base Assembly	70-23350-02			
2	*Handle	74-33663-01			
3	*Screw, Modified Shoulder	74-33733-01			
4	*Spring, Shield Chassis	74-28807-01			
5	*Bezel, Rear	74-32766-04			
6	*Ring, Retaining	90-09865-00			
7	*Screw Self Tap Phi Pan Hd No. 4 x 5/16	90-09800-10			
8	*Bumper, Molded Rubber	90-10845-01			
9	*Screw, Phi Pan Hd Washer No. 6-32 x 1/4	12-23598-01			

FIG. & ITEM NO.	DESCRIPTION	C DEC PART NO.	ECO CUT-IN 70-22653 00001	USED ON CODE	REF FIG NO.
5-	COVER ASSEMBLY	70-22653-01			2
1	*Cover Assembly	70-22649-01			
2	*Bezel, Front	74-32770-01			
3	*Screw, Self Tap Phi Pan Hd No. 4 x 5/16	90-09900-19			
4	*Door, Front	74-32768-01			
					Ω



RZXXS-06-BD

Figure 5. Cover Assembly

PART NUMBER/DESCRIPTION SORT



RZXX SERIES EXPANDER BOX SORT BY DEC PART NUMBER

PART NO.	DESCRIPTION	FIG NO.	ITEM NO.
12-19857-03	Standoff, Nylon	2	13
12-23598-01	Screw, Phi Pan Hd Washer No. 6-32 x 1/4	4	9
12-26922-01	Finger, Grounding	2	8
12-30552-01	Connector, SCSI Term 50 Pos Champ Hsg	1	Not Shown
17-00342-01	Harness Assembly, Wire 04 Cond 18 AWG	2	4
17-00606-02	Cord, Power SVT 125V	1	Not Shown
17-01249-01	Cable Assembly, 50 Cond Flat, 28 AWG	2	10
17-01351-02	Cable Assembly, 50 Cond Molded Shielded	1	Not Shown
17-02008-01	Cable Assembly, 28 Cond Rnd 28 AWG	1	Not Shown
17-02299-01	Cable Assembly, 6 Conductor Flat Ribbon	2	3
36-30930-01	Label, "RZ SCSI"	1A	Not Shown
36-30930-01	Label, "RZ SCSI"	1	Not Shown
54-17163-01	Module, Loads Board	2	5
54-19325-01	Module, PVAX Switch	2	2
70-22649-01	Cover Assembly	5	1
70-22650-04	CHASSIS ASSEMBLY	4	N/A
70-22650-04	CHASSIS ASSEMBLY	2	1
70-22652-09	DRIVE ASSEMBLY, RZ55	3	N/A
70-22652-09	DRIVE ASSEMBLY, RZ55	1A	2
70-22652-09	DRIVE ASSEMBLY, RZ55	1	2
70-22653-01	COVER ASSEMBLY	2	18
70-22653-01	COVER ASSEMBLY	5	N.A
70-23350-02	Weldment, Chassis Base Assembly	4	1
74-28807-01	Spring, Shield Chassis	4	4
74-32764-01	Bracket, Inner L.H.	3	1
74-32764-02	Bracket, Inner R.H.	3	1
74-32766-04	Bezel, Rear	4	5
74-32768-01	Door, Front	5	4
74-32769-01	Cover, Bottom	2	19
74-32770-01	Bezel, Front	5	2
74-33070-01	Panel, Cover	2	15
74-33609-02	Medallion	2	17
74-33663-01	Handle	4	2
74-33733-01	Screw, Modified Shoulder	4	3
74-38249-01	Bracket, Rear Connector	2	7
74-38250-01	Support, Load Board	2	11
90-00049-22	Screw, Sems Phi Pan Hd No. 6-32 x 5/16	3	2
90-00049-47	Screw, Sems Phi Pan Hd No. 6-32 x 3/16	1	3
90-00049-47	Screw, Sems Phi Pan Hd No. 6-32 x 3/16	2	16
90-00049-47	Screw, Sems Phi Pan Hd No. 6-32 x 3/16	1A	3
90-00049-66	Screw, Sems Phi Pan Hd No. 4-40 x 1/4	2	6
90-00049-67	Screw, Sems Phi Pan Hd No. 6-32 x 5/16	2	9
90-09567-00	Bumper, Rubber	2	12
90-09800-19	Screw, Self-Tap Phi Pan Hd No. 4 x 5/16	4	7
90-09865-00	Ring, Retaining	4	6
90-09900-19	Screw, Self-Tap Phi Pan Hd No. 4 x 5/16	5	3
90-10545-01	Bumper, Molded Rubber	4	8

RZXX SERIES EXPANDER BOX SORT BY DEC PART NUMBER

PART NO.	DESCRIPTION	FIG NO.	ITEM NO.
BA40B-A3	EXPANSION BOX	1A	1
BA40B-A3	EXPANSION BOX	1	1
BA40B-AA	EXPANSION BOX	1A	1
BA40B-AA	EXPANSION BOX	1	1
BA40B-F3	BA40B EXPANSION BOX (240V)	2	N/A
BA40B-FA	BA40B EXPANSION BOX (120V)	2	N/A
H7848-BA	Power Supply. 120V 104Watt +5	2	14
H7848-BB	Power Supply. 240V 104Watt +5	2	14
N/A	RZ55-H EXPANDER BOX	1A	N/A
N/A	RZ55-F EXPANDER BOX	1	N/A
RZ55-E	Disk Drive. RZ55-E	3	3
RZ55-F3	RZ55-F3 (240V)	1	N/A
RZ55-FA	RZ55-FA (120V)	1	N/A
RZ55-H3	RZ55-H3 (240V)	1A	N/A
RZ55-HA	RZ55-HA (120V)	1A	N/A

RZXX SERIES EXPANDER BOX SORT BY DEC PART DESCRIPTION

DESCRIPTION	DEC PART NO.	FIG. NO.	ITEM
BA40B EXPANSION BOX (120V)	BA40B-FA	2	N/A
BA40B EXPANSION BOX (240V)	BA40B-F3	2	N/A
Bezel, Front	74-32770-01	5	2
Bezel, Rear	74-32766-04	4	5
Bracket, Inner L.H.	74-32764-01	3	1
Bracket, Inner R.H.	74-32764-02	3	1
Bracket, Rear Connector	74-38249-01	2	7
Bumper, Molded Rubber	90-10545-01	4	8
Bumper, Rubber	90-09567-00	2	12
Cable Assembly, 28 Cond Rnd 28 AWG	17-02008-01	1	Not Shown
Cable Assembly, 50 Cond Flat, 28 AWG	17-01249-01	2	10
Cable Assembly, 50 Cond Molded Shielded	17-01351-02	1	Not Shown
Cable Assembly, 6 Conductor Flat Ribbon	17-02299-01	2	3
CHASSIS ASSEMBLY	70-22650-04	2	1
CHASSIS ASSEMBLY	70-22650-04	4	N/A
Connector, SCSI Term 50 Pos Champ Hsg	12-30552-01	1	Not Shown
Cord, Power SVT 125V	17-00606-02	1	Not Shown
COVER ASSEMBLY	70-22653-01	5	N/A
Cover Assembly	70-22649-01	5	1
COVER ASSEMBLY	70-22653-01	2	18
Cover, Bottom	74-32769-01	2	19
Disk Drive, RZ55-E	RZ55-E	3	3
Door, Front	74-32768-01	5	4
DRIVE ASSEMBLY, RZ55	70-22652-09	1	2
DRIVE ASSEMBLY, RZ55	70-22652-09	3	N/A
DRIVE ASSEMBLY, RZ55	70-22652-09	1A	2
EXPANSION BOX	BA40B-AA	1	1
EXPANSION BOX	BA40B-A3	1	1
EXPANSION BOX	BA40B-AA	1A	1
EXPANSION BOX	BA40B-A3	1A	1
Finger, Grounding	12-26922-01	2	8
Handle	74-33663-01	4	2
Harness Assembly, Wire 04 Cond 18 AWG	17-00342-01	2	4
Label, "RZ SCSI"	36-30930-01	1	Not Shown
Label, "RZ SCSI"	36-30930-01	1A	Not Shown
Medallion	74-33609-02	2	17
Module, Loads Board	54-17163-01	2	5
Module, PVAX Switch	54-19325-01	2	2
Panel, Cover	74-33070-J1	2	15
Power Supply, 120V 104Watt +5	H7848-BA	2	14
Power Supply, 240V 104Watt +5	H7848-BB	2	14
Ring, Retaining	90-09865-00	4	6
RZ55-F EXPANDER BOX	N/A	1	N/A
RZ55-F3 (240V)	RZ55-F3	1	N/A
RZ55-FA (120V)	RZ55-FA	1	N/A
RZ55-H EXPANDER BOX	N/A	1A	N/A
RZ55-H3 (240V)	RZ55-H3	1A	N/A
RZ55-HA (120V)	RZ55-HA	1A	N/A

RZXX SERIES EXPANDER BOX SORT BY DEC PART DESCRIPTION

DESCRIPTION	DEC PART NO.	FIG. NO.	ITEM
Screw, Self-Tap Phi Pan Hd No. 4 x 5/16	90-09800-19	4	7
Screw, Modified Shoulder	74-33733-01	4	3
Screw, Phi Pan Hd Washer No. 6-32 x 1/4	12-23598-01	4	9
Screw, Self-Tap Phi Pan Hd No. 4 x 5/16	90-09900-19	5	3
Screw, Sems Phi Pan Hd No. 4-40 x 1/4	90-00049-66	2	6
Screw, Sems Phi Pan Hd No. 6-32 x 3/16	90-00049-47	2	16
Screw, Sems Phi Pan Hd No. 6-32 x 3/16	90-00049-47	1A	3
Screw, Sems Phi Pan Hd No. 5-32 x 3/16	90-00049-47	1	3
Screw, Sems Phi Pan Hd No. 6-32 x 5/16	90-00049-67	2	9
Screw, Sems Phi Pan Hd No. 6-32 x 5/16	90-00049-22	3	2
Spring, Shield Chassis	74-28807-01	4	4
Standoff, Nylon	12-19857-03	2	13
Support, Load Board	74-38250-01	2	11
Weldment, Chassis Base Assembly	70-23350-02	4	1