



RZ-Series 3 1/2-Inch Fixed Disk Drive Installation

EK-RZ35F-IN.A01

September 1993

This document illustrates the installation of all RZ 3 1/2-inch disk drives.

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S2352

RZ 3 1/2-Inch Disks

RZ-Series 3 1/2-Inch Fixed Disks

RZ26 Overview

Description	High-density fixed disk
Capacity	1.0 GB
Form factor	3 1/2 in
Seek time	9.5 ms
Transfer rate	3.3 MB (peak)
Rotational speed	5363 rpm
Temperature	10°C (50°F)–50°C (122°F) (operating) 10°C (50°F)–40°C (104°F) (in BA640 enclosure)
Relative humidity	10%–90%
Voltage	+5 VDC ±5% and +12 VDC ±5%
Current	+5 V: .85 A and +12 V: .74 A (idle mode)
Power	13.73 W (maximum)

Add-On Option Part Number

RZ26 fixed disk (3 1/2 in)	RZ26–MY
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Field Service Orderable Parts and Options

FRU	RZ26–E (whole unit replacement)
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Documentation

<i>RZxx Pocket Service Guide</i>	EK–RZXXD–PS
<i>RZ Series Reference Manual</i>	EK–RZXXD–RM
<i>DEC 4000 AXP Owner's Guide (VMS Ops)</i>	EK–KN430–OP
<i>DEC OSF/1 AXP Factory Installed Software User Guide</i>	EK–SFFIS–UG

RZ 3 1/2-Inch Disks

RZ28 Overview

Description	High-density fixed disk
Capacity	2.1 GB
Form factor	3 1/2 in
Seek time	9.7 ms
Transfer rate	4.9 MB (peak)
Rotational speed	5400 rpm
Temperature	5°C (41°F)–55°C (131°F) (operating) 10°C (50°F)–40°C (104°F) (in BA640 enclosure)
Relative humidity	10%–90%
Voltage	+5 VDC ±5% and +12 VDC ±5%
Current	+5 V: .86 A and +12 V: .69 A
Power	14.9 W (typical)

Add-On Option Part Number

RZ28 fixed disk (3 1/2 in)	RZ28–MY
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Field Service Orderable Parts and Options

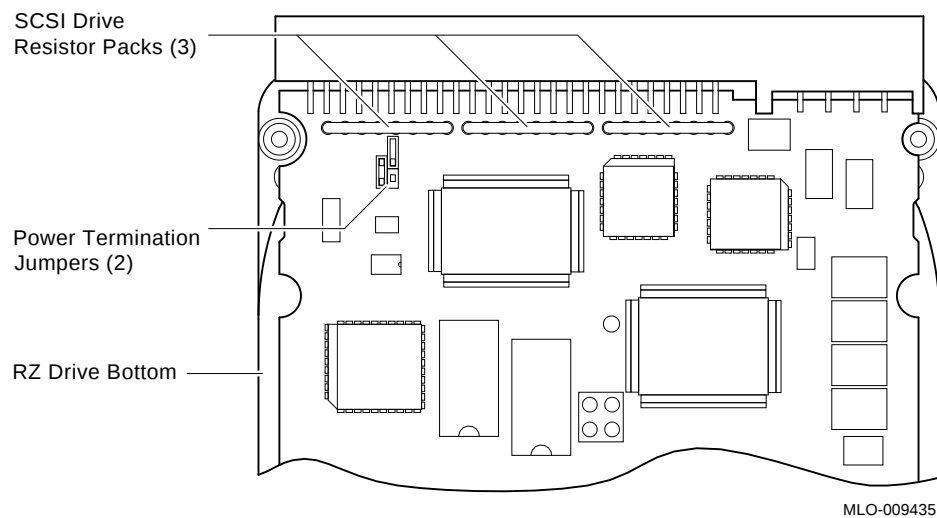
FRU	RZ28–E (Whole unit replacement)
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Documentation

<i>RZxx Pocket Service Guide</i>	EK–RZXXD–PS
<i>RZ Series Reference Manual</i>	EK–RZXXD–RM
<i>DEC 4000 AXP</i>	EK–KN430–OP
<i>Owner's Guide (VMS Ops)</i>	
<i>DEC OSF/1 AXP</i>	EK–SFFIS–UG
<i>Factory Installed</i>	
<i>Software User Guide</i>	

RZ 3 1/2-Inch Disks

Figure 1 SCSI Terminators and Resistor Packs for 3 1/2-Inch Drives

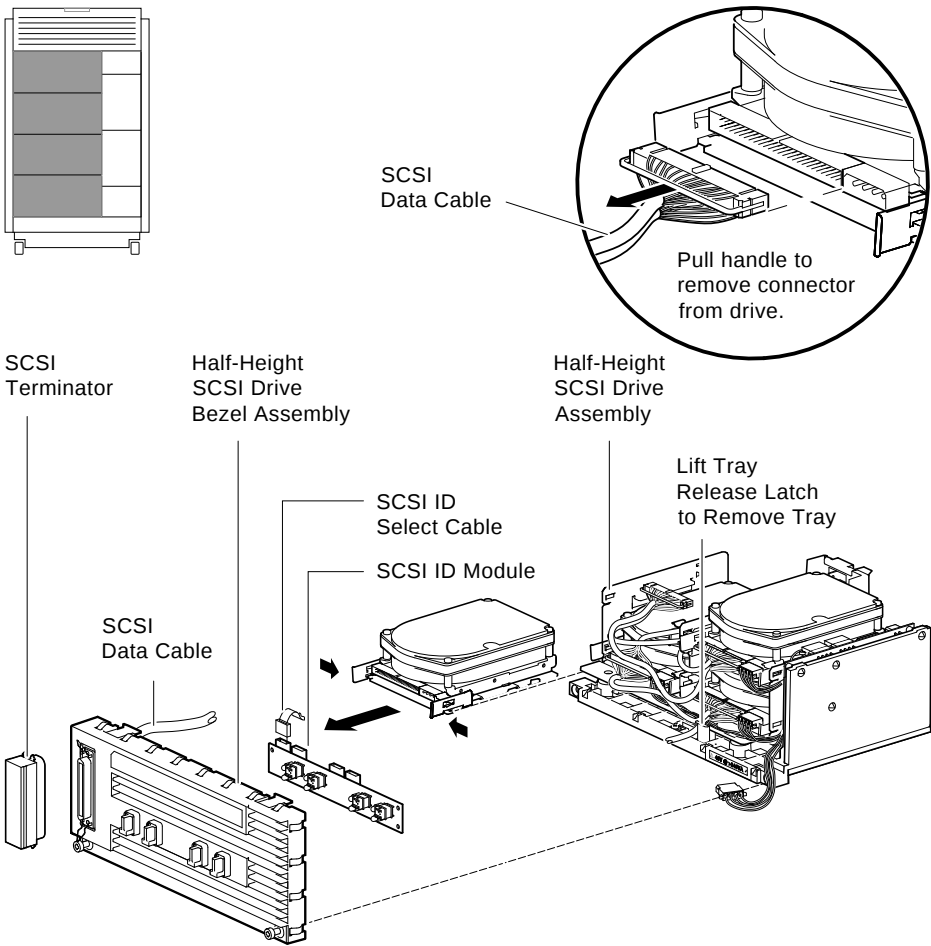


Caution

When adding a SCSI 3 1/2-inch disk drive to the DEC 4000 AXP system, remove the three resistor packs and two terminator jumpers shown in Figure 1 to avoid bus problems.

RZ 3 1/2-Inch Disks

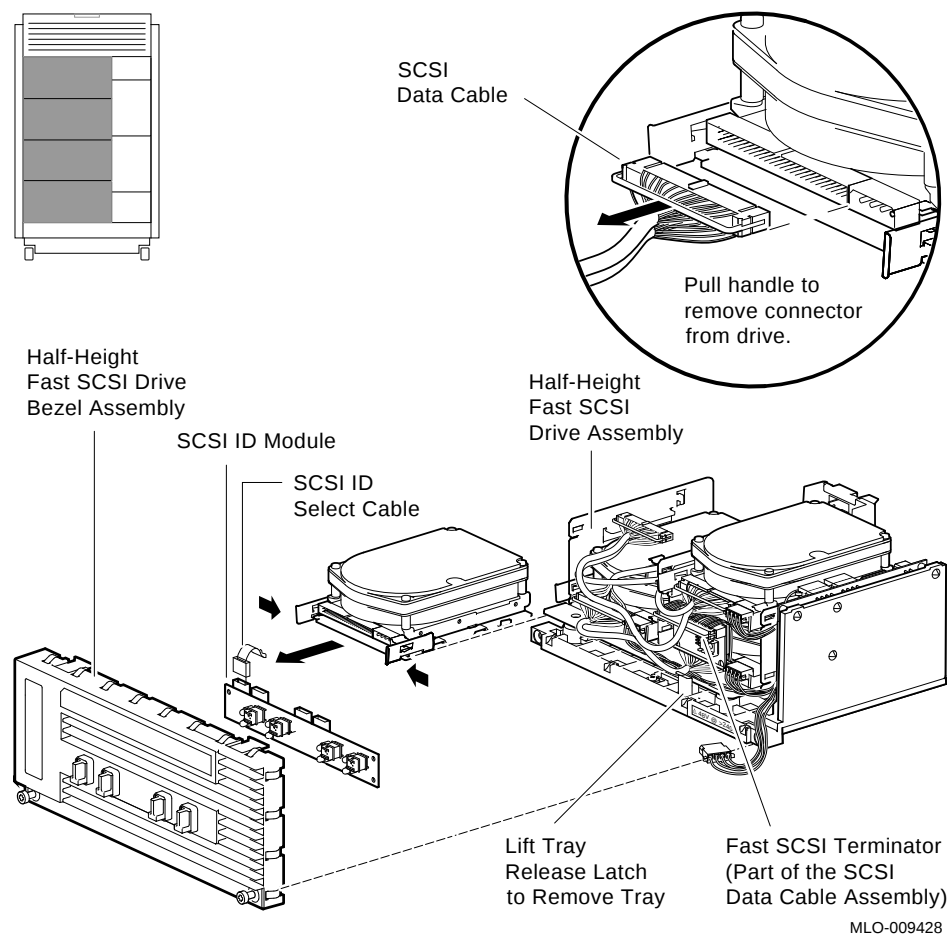
Figure 2 RZ-Series 3 1/2-Inch Storage Assembly



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RZ 3 1/2-Inch Disks

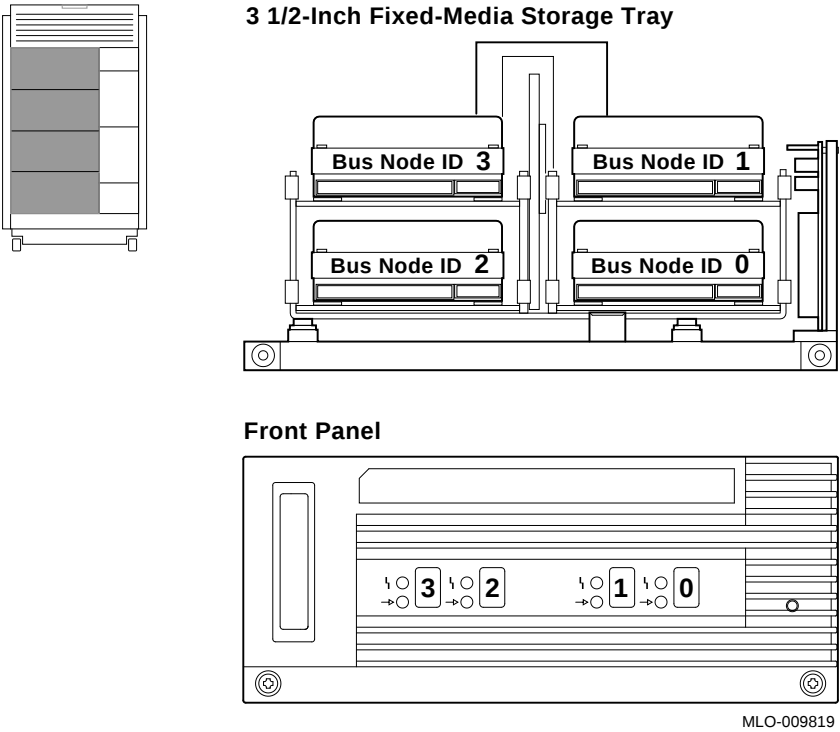
Figure 3 RZ-Series 3 1/2-Inch Fast SCSI Storage Assembly



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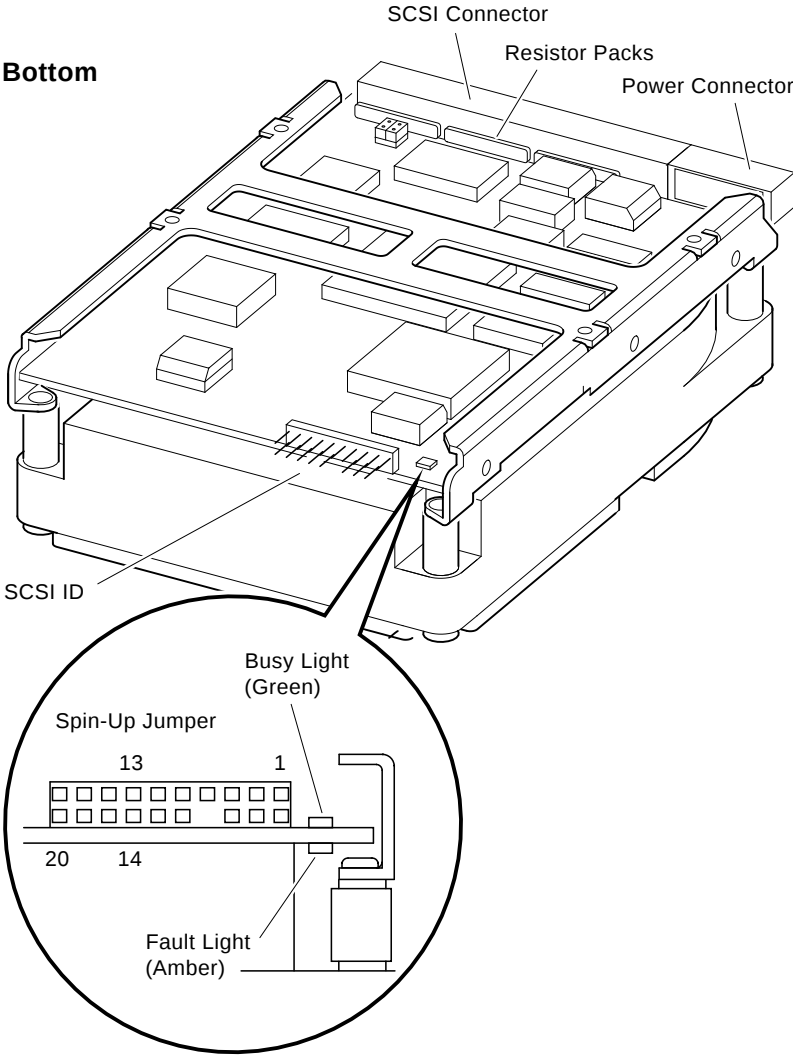
RZ 3 1/2-Inch Disks

Figure 4 RZ-Series 3 1/2-Inch Drive Selection



RZ 3 1/2-Inch Disks

Figure 5 RZ-Series 3 1/2-Inch Light Location



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RZ 3 1/2-Inch Disks

Table 1 Spin-Up Jumper

Jumper Status	Spin-Up Condition
Installed	Spins up on power up.
Not installed	Spins up on MOUNT command.