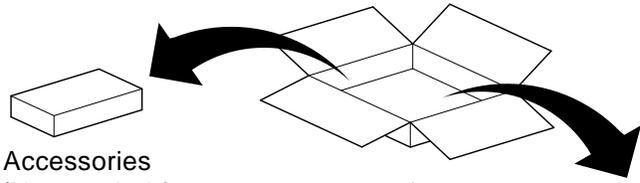


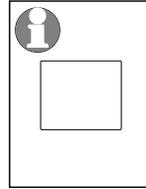
# 1. Unpack the System



Accessories  
(Not needed for  
installation.)

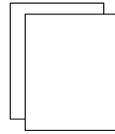
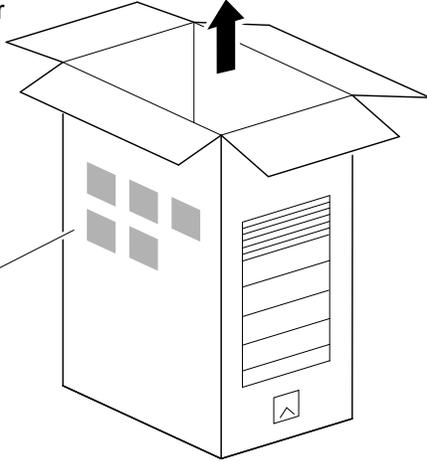


Quick Installation  
Card and Door Keys



Information Envelope  
(One per shipment - use  
to inventory shipment.)

Unpacking  
Instructions  
on Shipping  
Carton

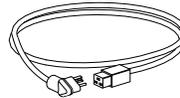
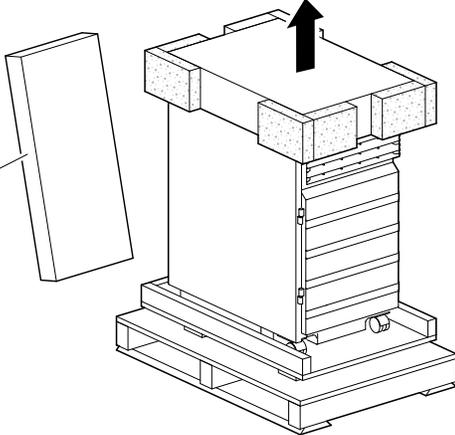


Factory Installed  
Software  
Installation Cards

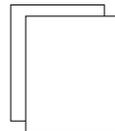


Console Terminal  
Cable  
(17-01364-02)

Ramp  
Box



Power Cord



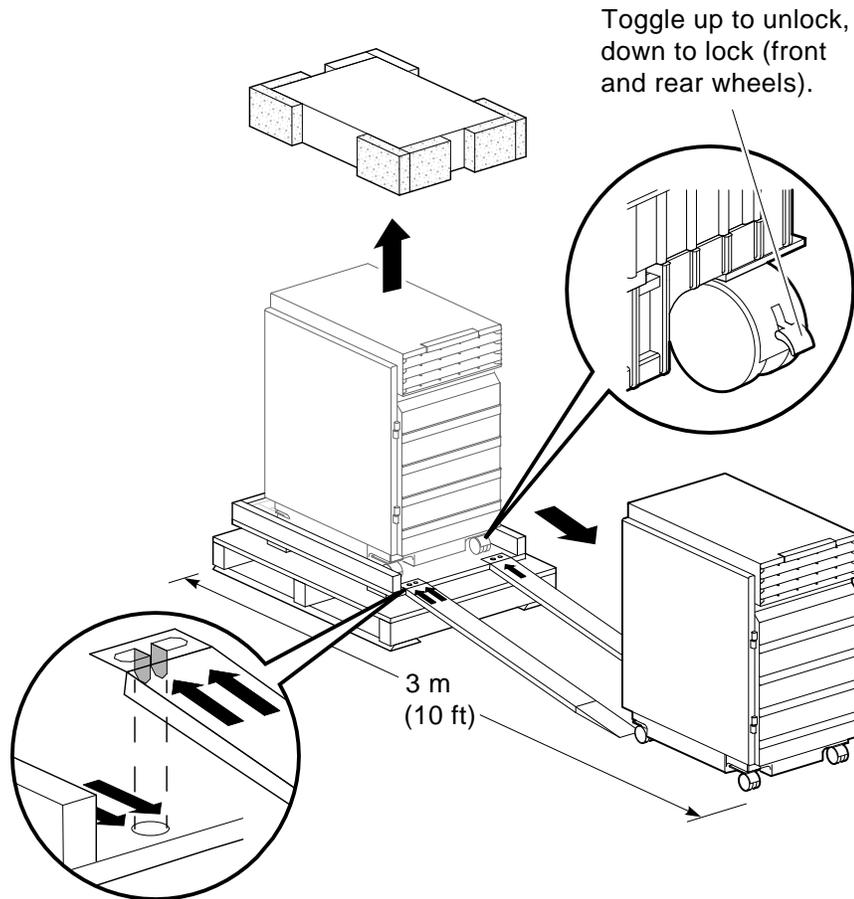
Documentation

MLO-008895

**Tools needed for installation: Phillips screwdriver and scissors.**

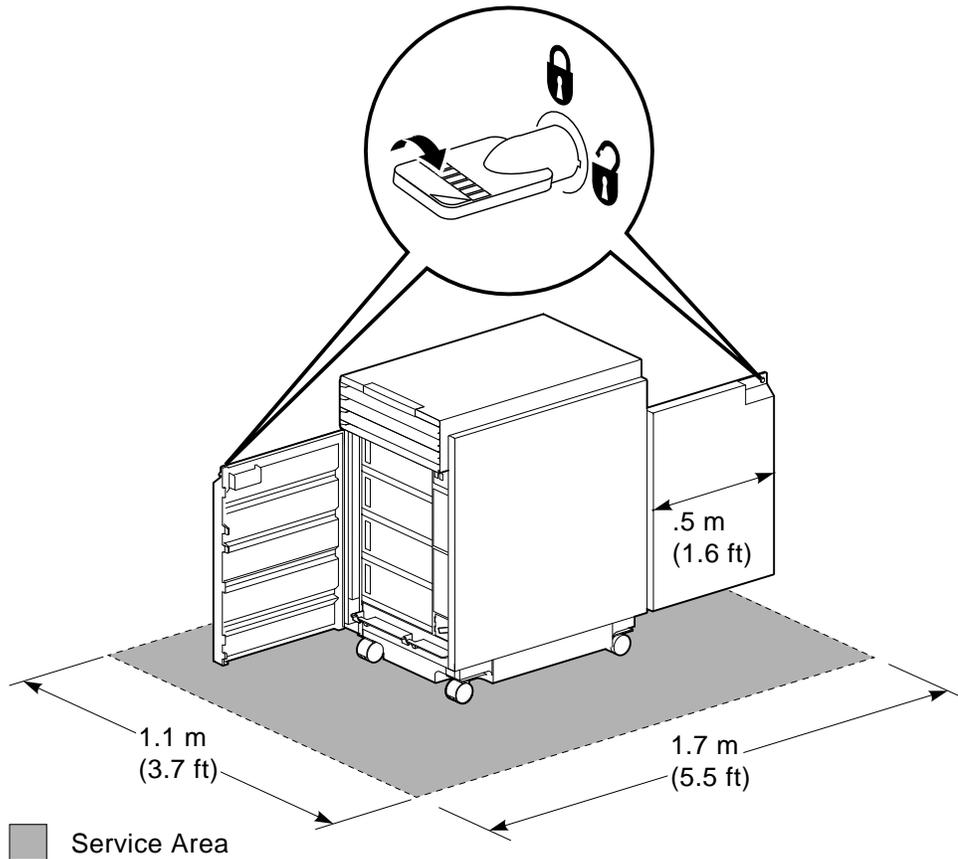
## 2. Roll System Off Pallet

**WARNING:** *The system is heavy—at least 118 kg (254 lb).  
Two people are needed to move it off the ramp.*



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### 3. Position the System



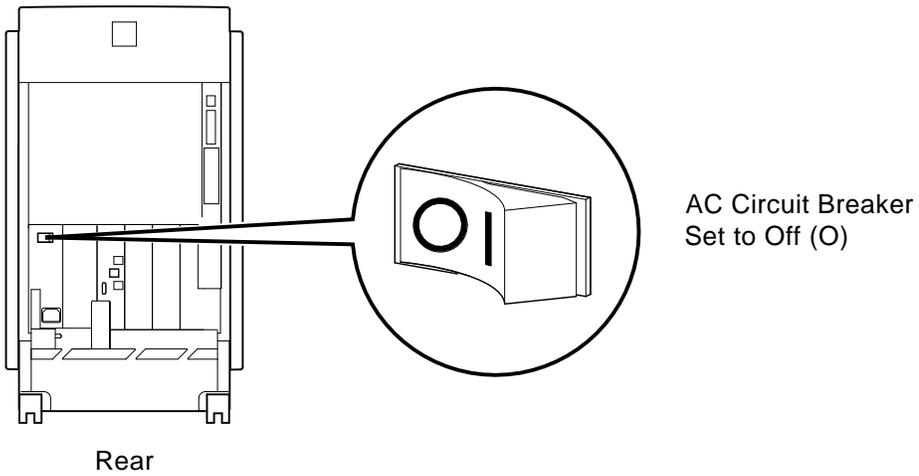
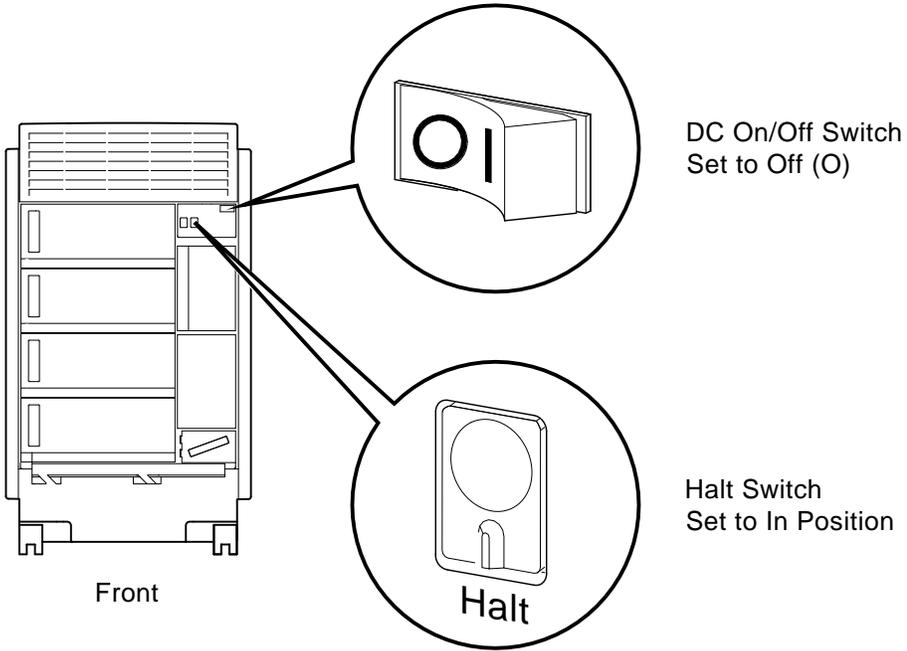
MLO-008885

#### Specification

#### Measurement

|                                   |  |
|-----------------------------------|--|
| Height                            | 883 mm (35 in)   |
| Width                             | 499 mm (20 in)   |
| Depth                             | 775 mm (31 in)   |
| Weight                            | 124 kg (275 lb) max  |
| Operating temperature             | 10–35°C (50–95°F)  |
| Relative humidity (noncondensing) | 20–80%   |
| Heat dissipation                  | @1400 W, 4774 Btu/hr   |
| Minimum airflow clearance         | 25.4 mm / 1 in (rear and sides)                                |
| Max operating altitude            | 2438 m (8000 ft)   |
| Max power consumption             | 1650 W   |
| Operating power range (1 phase)   | 104 VAC to 128 VAC / 208 VAC to 256 VAC                        |
| Power cord length                 | 2.4 m (8 ft)   |
| Declared operating acoustic level | LWAd = 6.7 B /LpAm = 49 dBA<br>DEC 4000 with 4 RF73s, ISO 9296 |

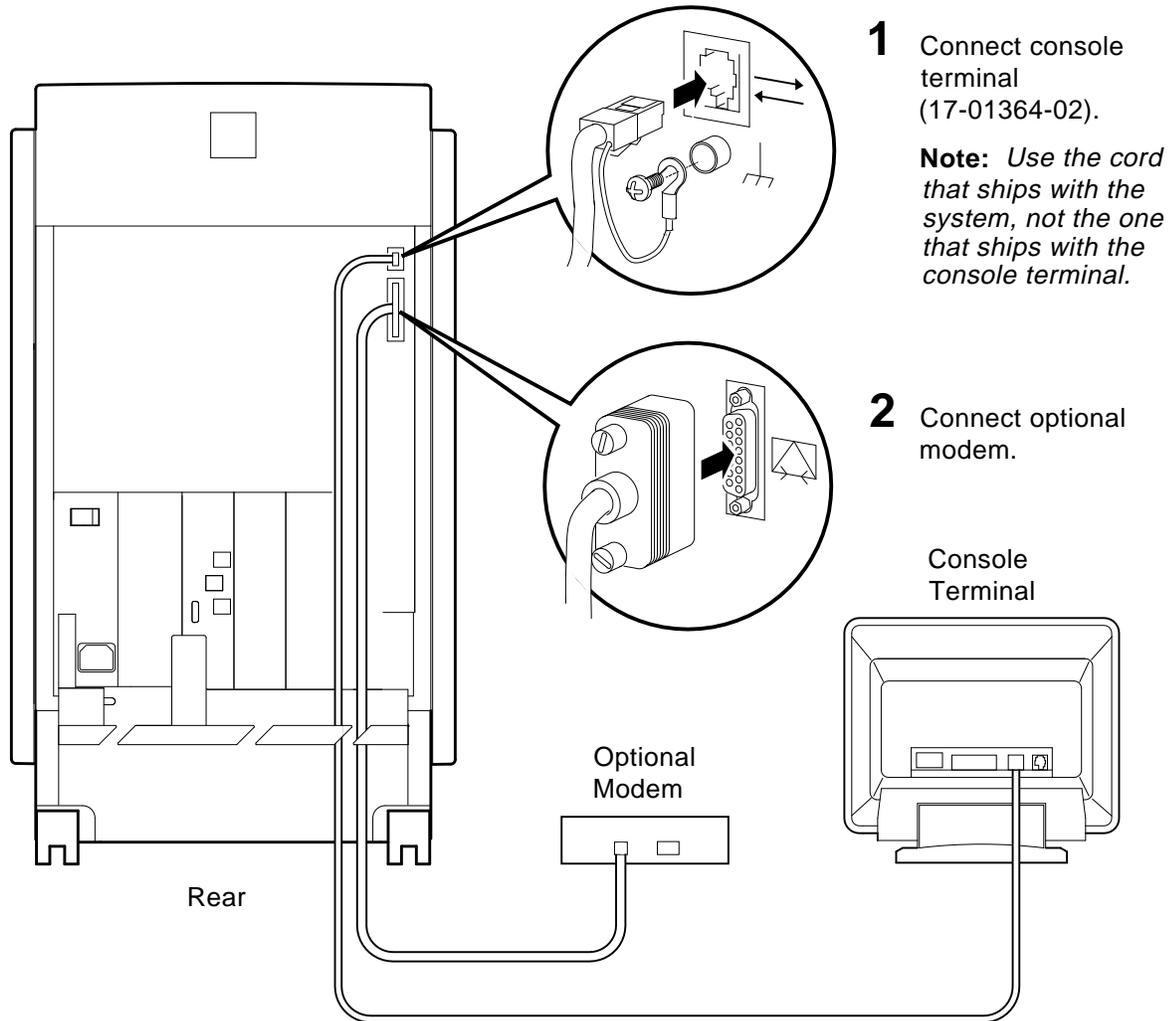
## 4. Check Switch Settings



MLO-008886

## 5. Connect Console Terminal

Use the documentation that ships with the terminal to connect the keyboard and set up the console. Make sure the console baud rate is set to 9600.\* If you have a modem, connect it now.



MLO-008887

**\*Note:** If you need to change the system baud rate, see the DEC 4000 Owner's Guide.

## 6. Connect Power Cords

### Power Connection: To Wall Outlet



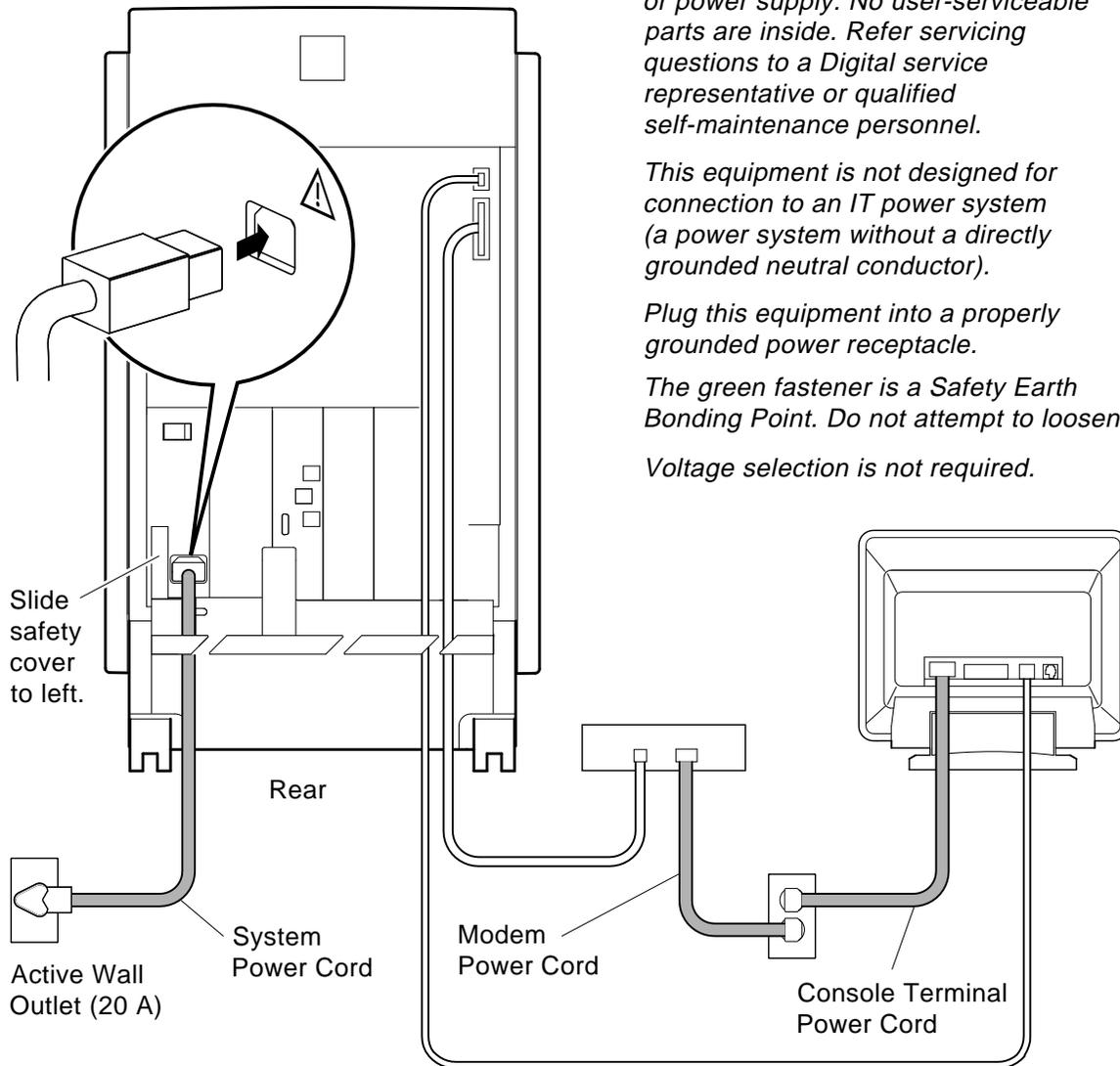
**WARNING:** To reduce risk of injury, do not remove modules, storage devices, or power supply. No user-serviceable parts are inside. Refer servicing questions to a Digital service representative or qualified self-maintenance personnel.

*This equipment is not designed for connection to an IT power system (a power system without a directly grounded neutral conductor).*

*Plug this equipment into a properly grounded power receptacle.*

*The green fastener is a Safety Earth Bonding Point. Do not attempt to loosen.*

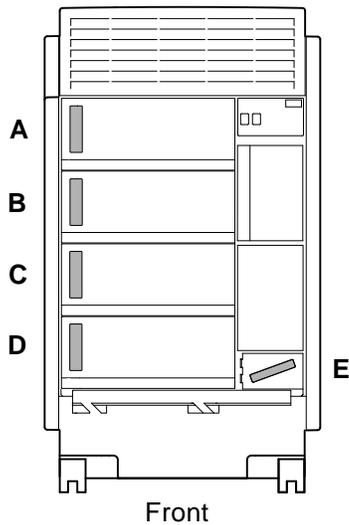
*Voltage selection is not required.*



MLO-008888

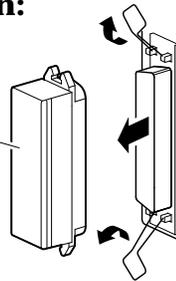
## 7. Expand the System

The DEC 4000 system can be expanded from any of the five connectors (labeled A-E in the figure). Connectors A-D are SCSI/DSSI and E is SCSI only. Depending on your order, your system may differ from the example shown.

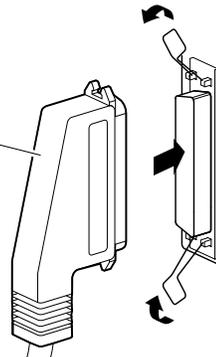


### SCSI Connection:

**1** Remove SCSI terminator.

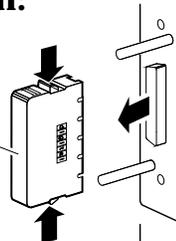


**2** Connect SCSI cable.

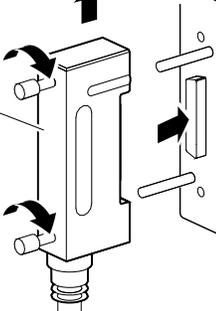


### DSSI Connection:

**1** Remove DSSI terminator.



**2** Connect DSSI cable.



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## 8. Turn the System On in the Following Order

1. UPS (optional)
2. Console terminal
3. Peripherals, expanders, and modems
4. AC circuit breaker (rear)
5. DC on/off switch (front)

After about a minute, you will see two displays similar to the following:

```

                                08:52:07 Wednesday, July 29, 1992

                                Digital Equipment Corporation
                                DEC 4000

                                Executing Power-Up Diagnostics

CPU      Memory      Storage      Net      Futurebus+
0 1      0 1 2 3      A B C D E      0 1      1 2 3 4 5 6

P -      - - - P      - - - - -      * *      - - - - -

*Test in progress      P Pass      F Fail      - Not Present
  
```

```

Console V2.3-2001      VMS PALcode X5.12B, OSF PALcode X1.09A

CPU 0      P B2001-AA DECchip (tm) 21064-2
CPU 1      -
Memory 0   -
Memory 1   -
Memory 2   -
Memory 3   P B2002-BA 32 MB
Ethernet 0 P Address 08-00-2B-2A-D4-43
Ethernet 1 P Address 08-00-2B-2A-EC-7D

      ID 0  ID 1  ID 2  ID 3  ID 4  ID 5  ID 6  ID 7
A SCSI  P  RZ26 RZ26      RZ26      Host
B SCSI  P  RZ26 RZ26 RZ26 RZ26      Host
C SCSI  P  RZ26 RZ26 RZ26 RZ26      Host
D        P
E SCSI  P  RZ73 RZ73 RZ73 RZ73 RRD42 TLZ06 TZ85 Host
Futurebus+ P  - - - - - - - -

System Status Pass      Type "b" to boot dka0.0.0.1.0

DEC 4000 console V2.3-2001, built on July 29, 1992 at 10:02:19
>>>
  
```

## 9. Installing Software

If your system includes an internal disk drive pre-loaded with operating system software, then

| If you ordered. . . | Refer to. . .   |
|---------------------|---|
| OpenVMS Alpha AXP   | <i>OpenVMS Factory Installed Software User Information</i> , provided with your system.     |
| DEC OSF/1 Alpha AXP | <i>Guide to Starting the Factory Installed Software System</i> , provided with your system. |

If you need more detail, or you plan to install from compact disc, use the OpenVMS or DEC OSF/1 installation guide that comes with your operating system software.

For more information on your hardware or console diagnostics, see the *DEC 4000 Owner's Guide*.

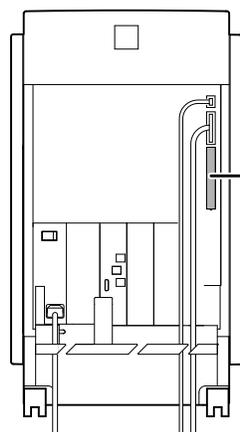
## 10. For More Information

| When you need. . .   | Refer to. . .                                     |
|--|---|
| Console user information<br>System configuration<br>System troubleshooting   | <i>DEC 4000 Owner's Guide</i><br>(EK-KN430-OP)    |
| Power-up diagnostics<br>Running diagnostics<br>Symptom-directed diagnostics<br>System repair and replacement<br>System configuration | <i>DEC 4000 Service Guide</i><br>(EK-KN430-SV)    |
| Drive removal and replacement<br>SCSI/DSSI ID selection<br>Drive light information<br>Ordering information                           | <i>DEC 4000 Options Guide</i><br>(EK-KN430-OG)    |
| CPU operation<br>Memory operation<br>I/O operation<br>System operation   | <i>DEC 4000 Technical Manual</i><br>(EK-KN430-TM) |

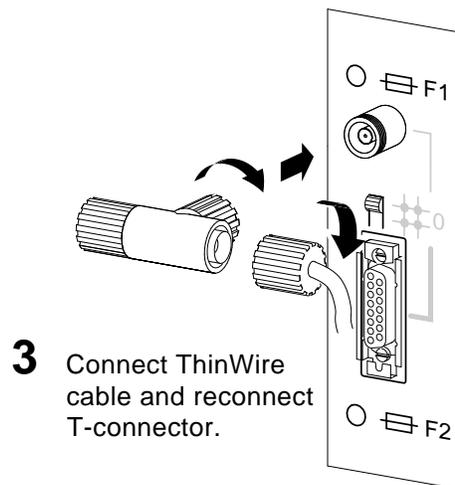
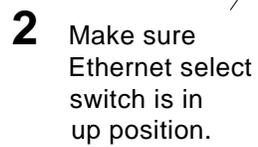
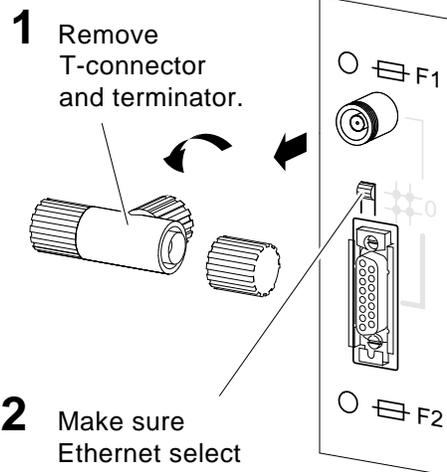
## Network Connections

There are three networking options: ThinWire, standard Ethernet (thickwire), and 10BASE-T Ethernet. Follow the diagrams for the type of network you have.

### Option 1: ThinWire Ethernet

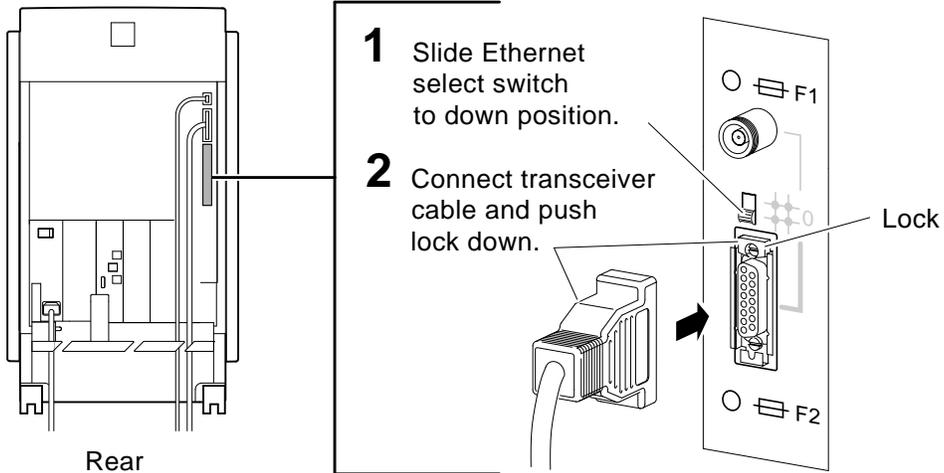


Rear



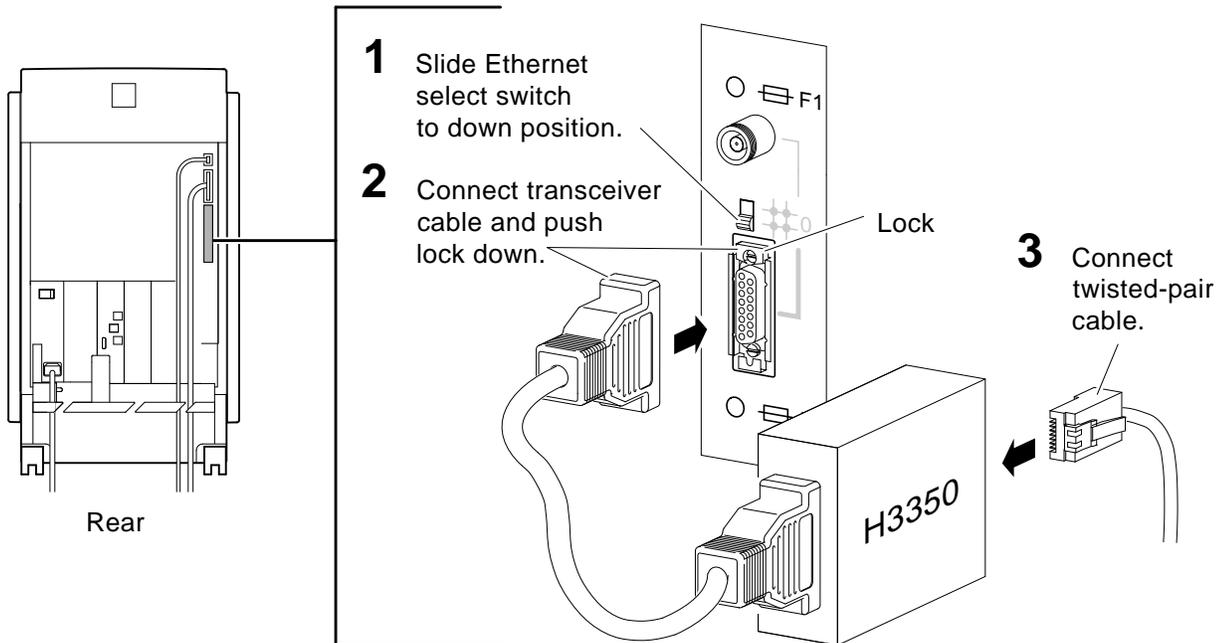
MLO-008890

## Option 2: Standard Ethernet : Thickwire



MLO-008891

## Option 3: 10BASE-T (Twisted Pair)



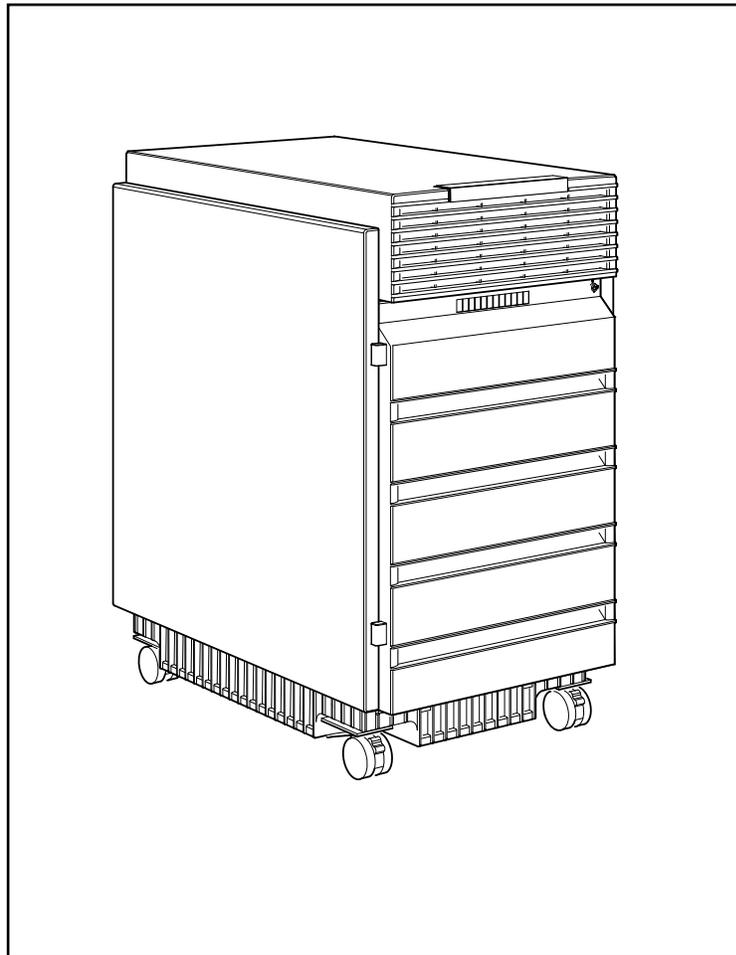
MLO-008892

# DEC 4000 Model 600 Series

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## Quick Installation



Part Number: EK-KN430-IN. A01