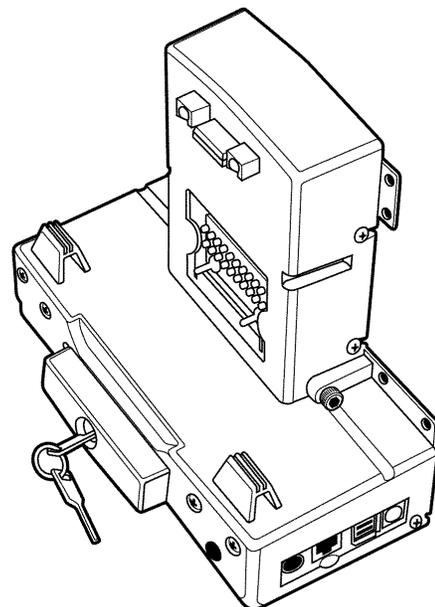
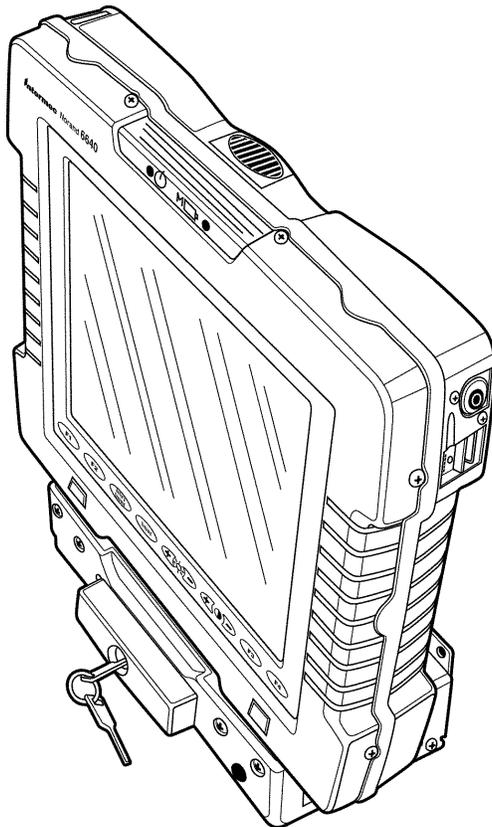


Installation Instructions

P/N 962-040-003
Revision A
November 1999



6640 Dock

P/N 962-040-003 Revision A



Intermec

A **UNOVA** Company

Introduction

These instructions provide useful information for installing and using the 6640 Vehicle and In-Premise docks. Numerous threaded inserts are provided on both the rear and bottom of these docks to accommodate existing mounting device hole patterns. These devices can be ordered through your Intermecc sales representative, or you may use the information and dimensions in obtaining mounting devices from a third-party supplier of your choice.

As you plan each installation, there are several basic concepts you must keep in mind:

- ▶ **Allow clearance for docking and undocking the computer**
- ▶ **Allow clearance for adjusting the dock angle and height**
- ▶ **Allow clearance for making cable connections to the dock**

Contents

These instructions show you the following:

- ▶ **The basic mounts available from Intermecc Technologies Corporation**
- ▶ **Connector locations on the 6640 docks**
- ▶ **How to dock and undock a 6640 computer**
- ▶ **Various mounting hole dimensions, spacing, and specifications**

Available Mounts

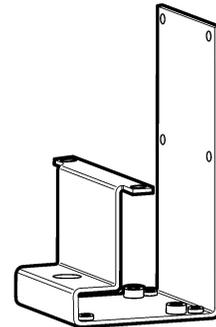
The mounts shown below are available through your Intermecc sales representative. Mounting devices for the 6640 may vary slightly in appearance from these illustrations.



RAM Mount
*various base, adapter
plates, and pedestal
sizes available*



Panavise Mount
*several pedestal
heights are available*



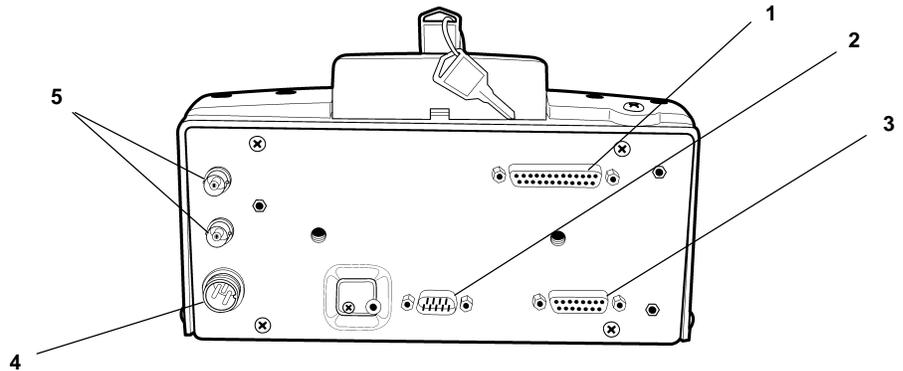
Pedestal Adapter Bracket
*designed to adapt 6640 docks
to mount on a custom pedestal*

Connectors

Docks can be configured with various connector combinations. A composite dock is shown below. All possible connectors are shown.

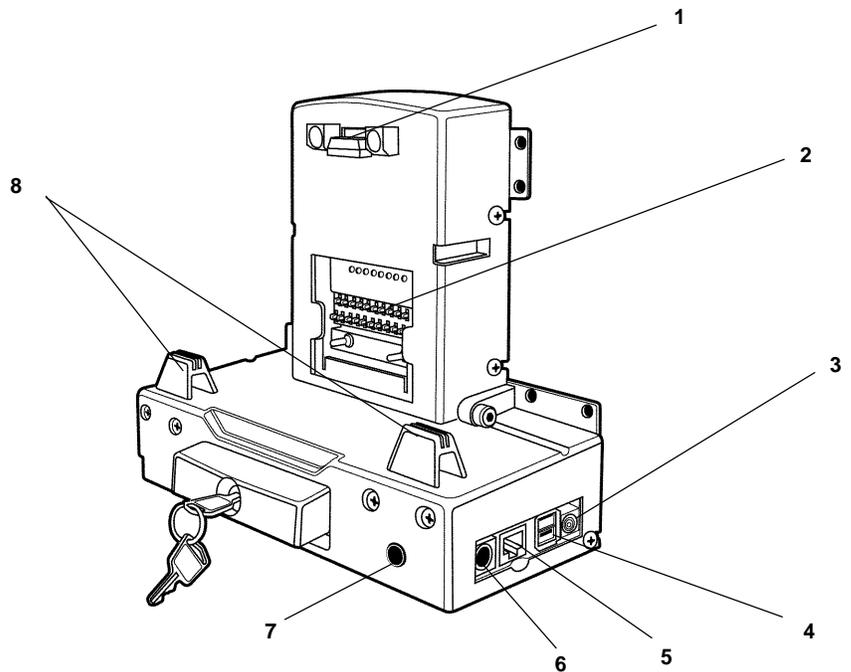
Bottom View

- 1. Parallel port, LPT1 (25-pin, printer)
- 2. COM port, RS-232 (9-pin)
- 3. General purpose I/O port, (15-pin)
- 4. DC power input (vehicle dock only)
- 5. Remote radio antenna jacks



Oblique View

- 1. Gripper
- 2. Surface connector
- 3. DC power input (in-premise dock only)
- 4. Universal Serial Bus connector(s)
- 5. Ethernet jack
- 6. PS/2 keyboard jack
- 7. Power indicator
- 8. Alignment wedges



Docking Procedures

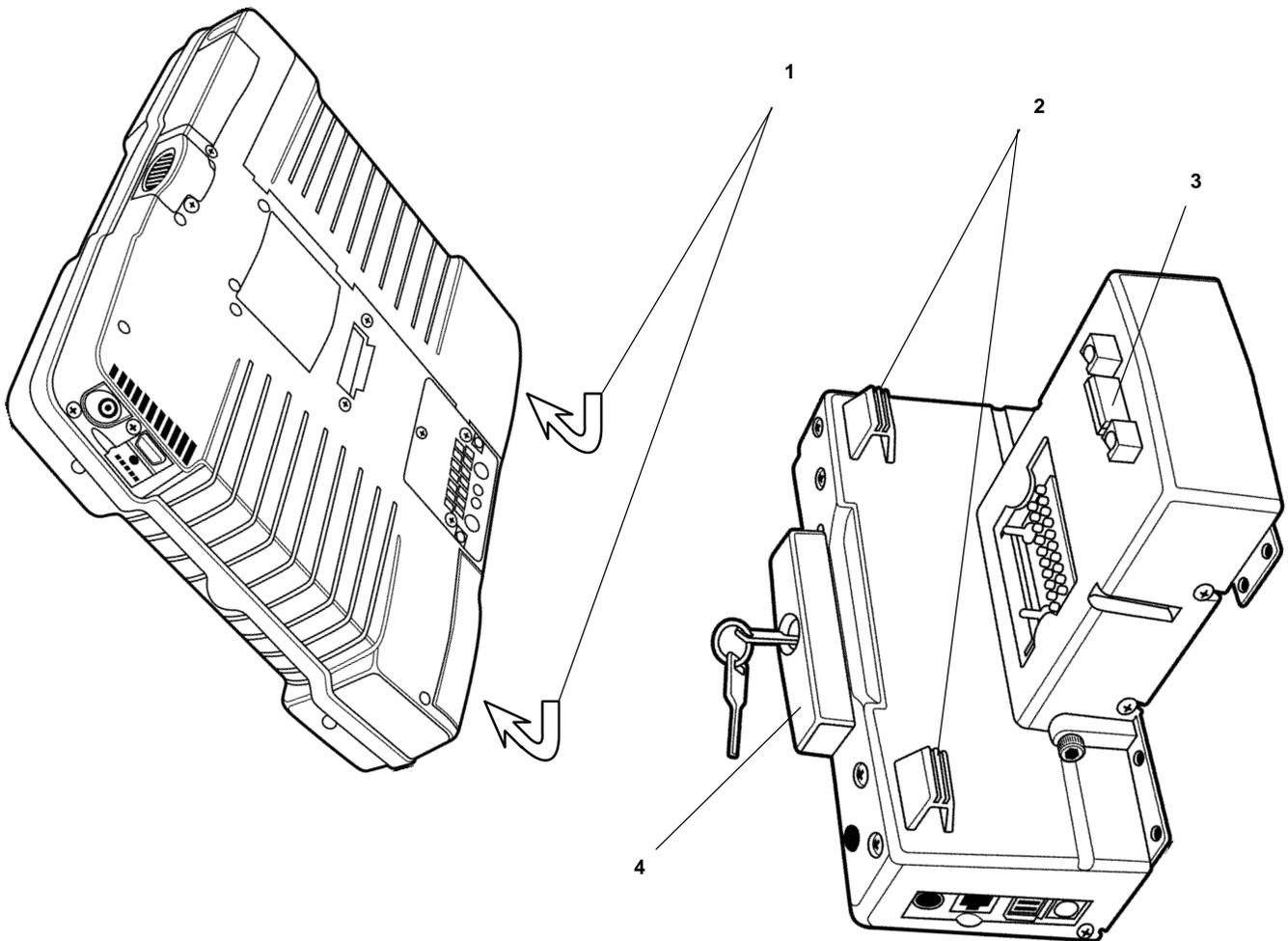
Note these four items in the illustrations below: (1) *alignment recesses*, (2) *alignment wedges*, (3) *gripper*, (4) *dock latch*. Follow these instructions to successfully dock your 6640 Computer:

DOCKING:

1. Place alignment recesses (*bottom of the computer*) onto the wedges (*top of dock*).
2. Tilt computer upright against the gripper, press firmly until it clicks into place.
3. Press the dock latch firmly inward and slightly downward until it latches.
4. You may use the keylock to discourage theft or tampering.

DOCK RELEASE:

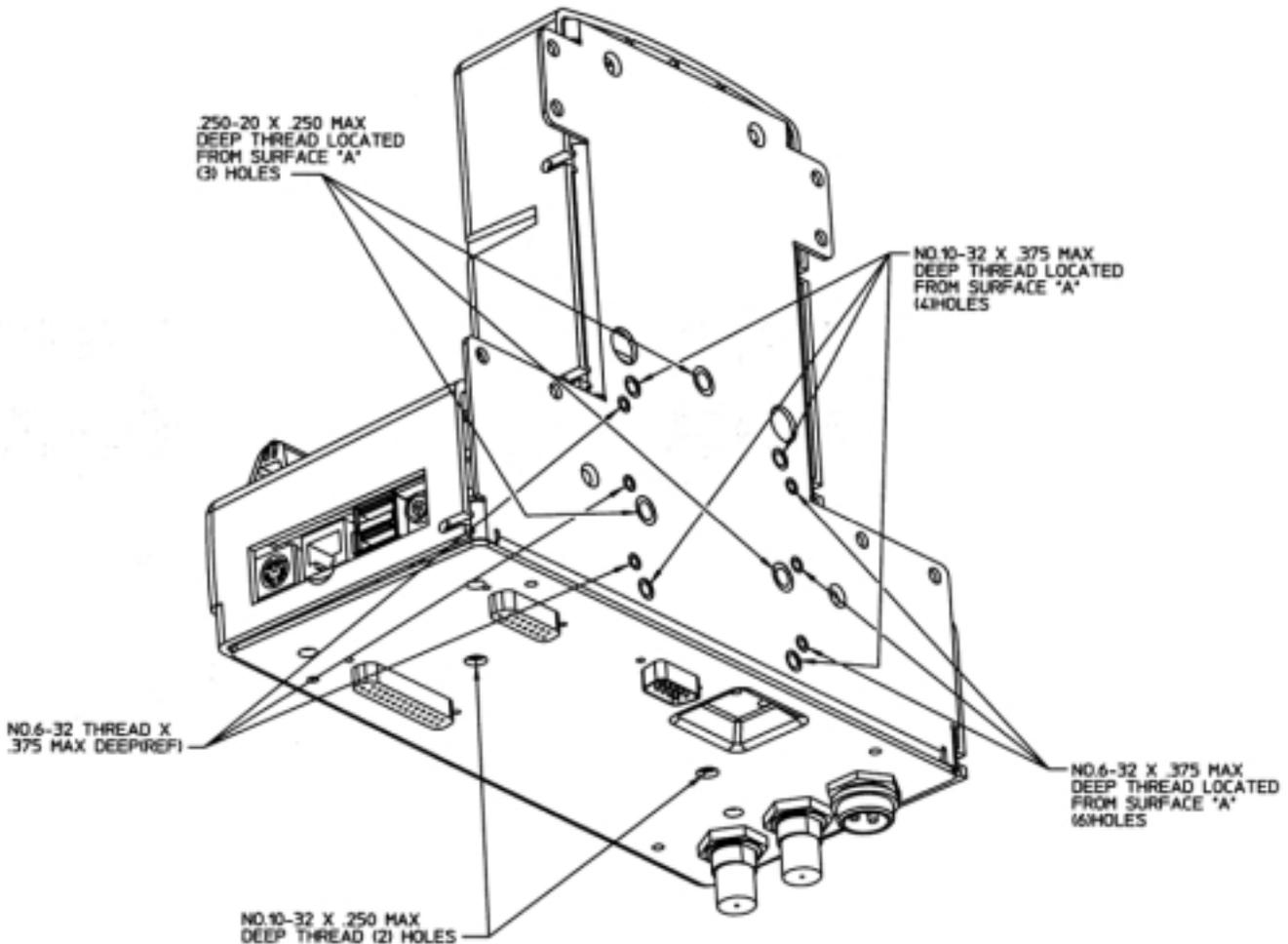
- (a) Raise UP on the dock latch.
- (b) Pull top of computer away from the gripper.
- (c) Lift the computer UP, off the alignment wedges.

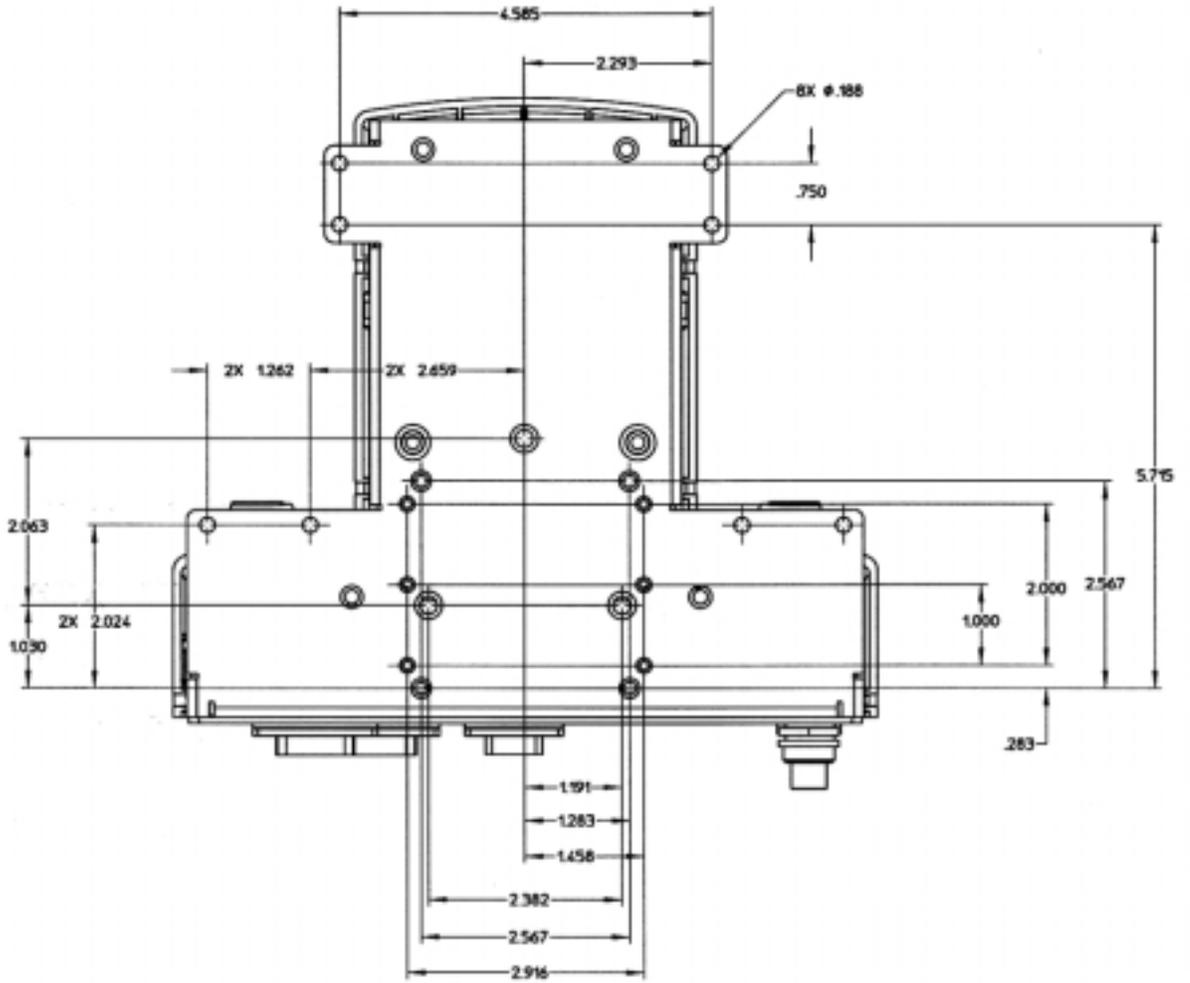


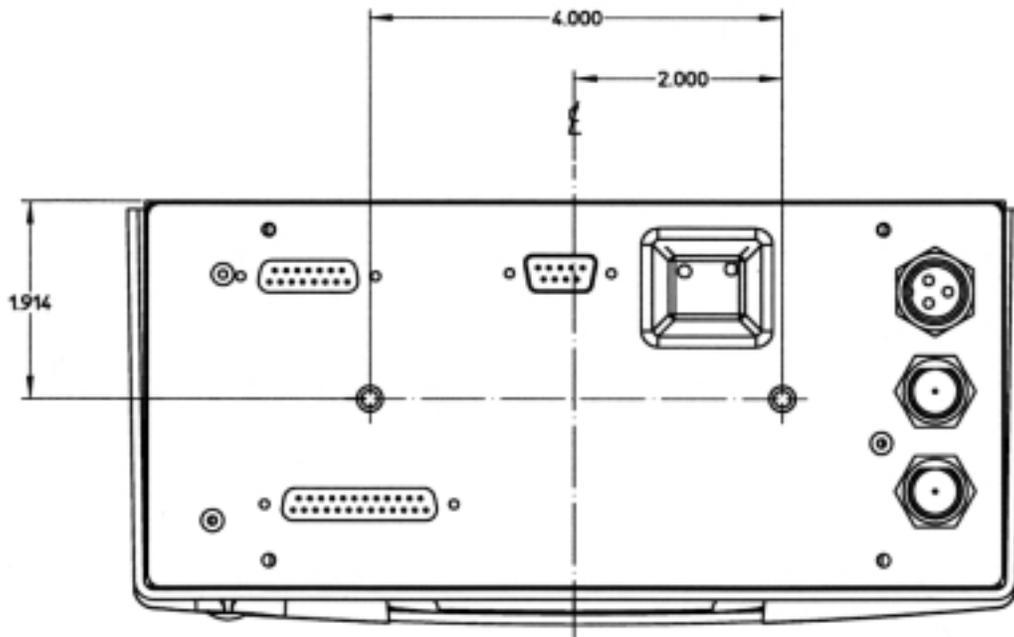
1. Alignment recesses (bottom of computer)
2. Alignment wedges
3. Gripper
4. Dock latch

INFORMATION

The following pages contain dimensional information and drawings to help plan mounting locations for the 6640 docks. Engineering drawings are preliminary and may be incomplete. Illustrations found on later pages show hole patterns for various available dock mounting brackets. Pay close attention to the CAUTION notices: screws that penetrate inside the dock *must not go deeper inside than indicated*. Damage to internal components will result if these cautions are not observed







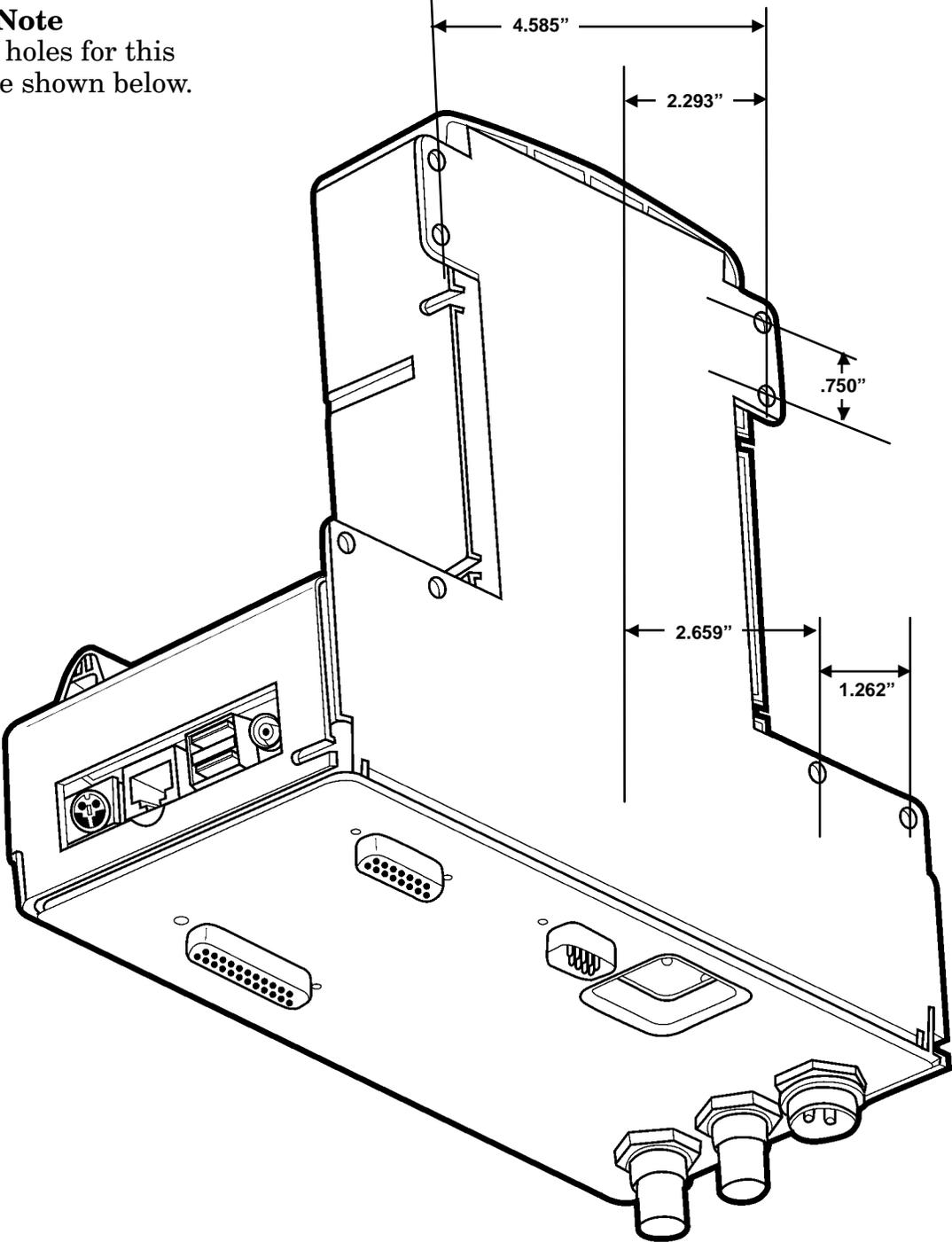
Thru-hole Pattern

*allows mounting to wall, plywood, or metal bulkhead

*8 holes, 0.188" diameter

Note

Only the holes for this pattern are shown below.

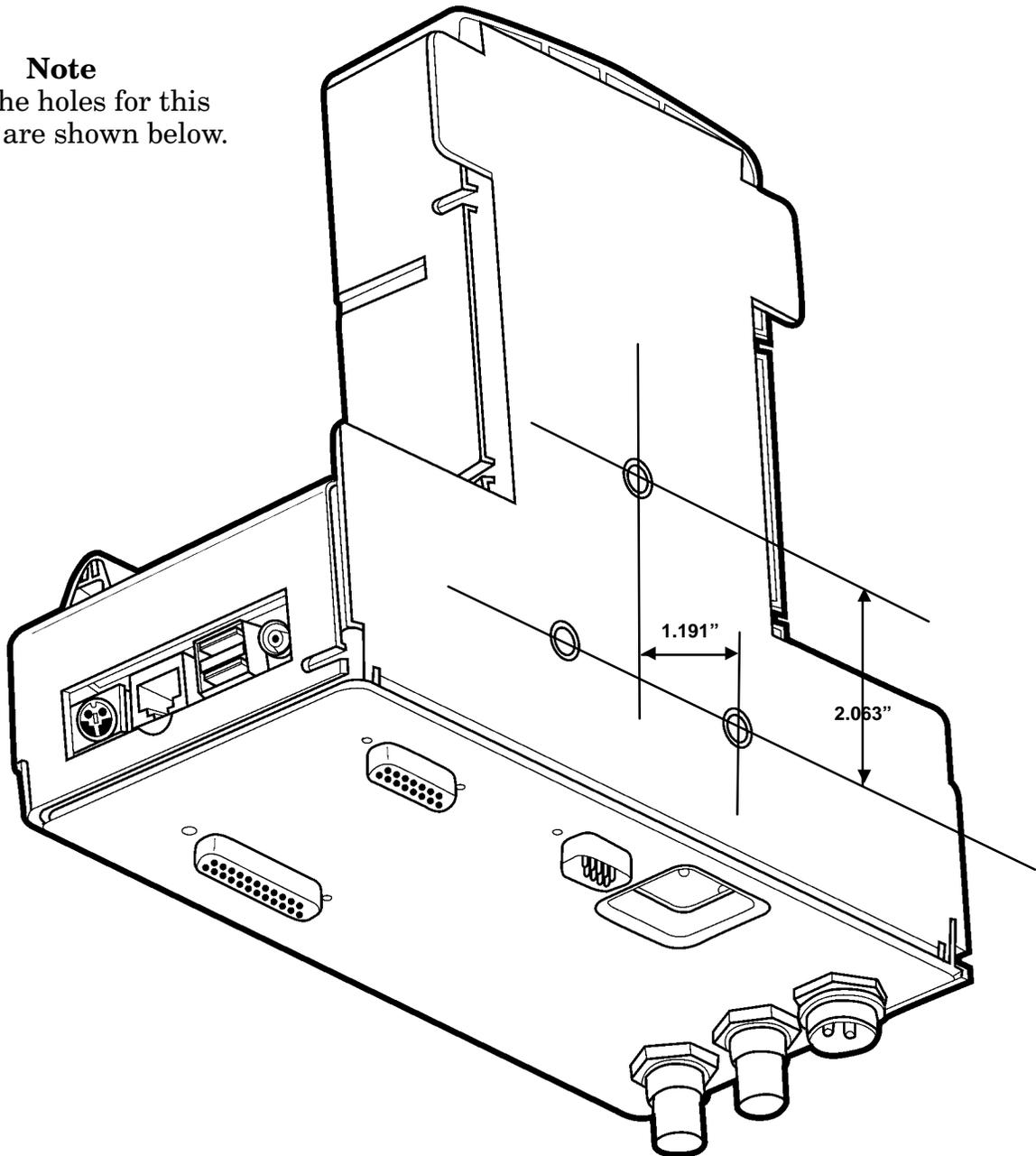


Three-hole Pattern

*1/4-20 threads, 3 holes

Note

Only the holes for this pattern are shown below.



CAUTION

Maximum screw penetration is 1/4 inch in from outside surface to prevent damage to internal components.

Four-hole Pattern

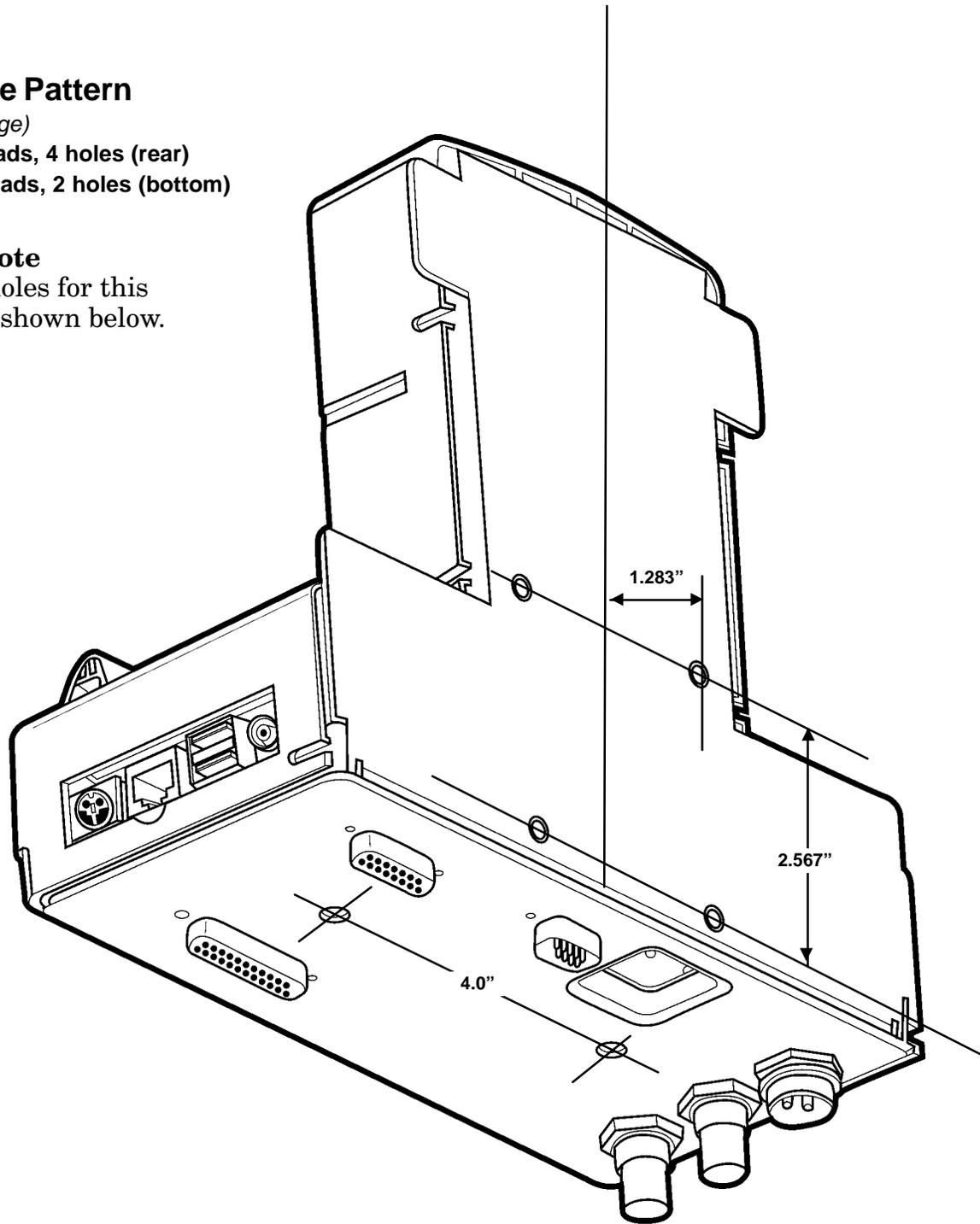
(see next page)

*1/4-20 threads, 4 holes (rear)

*#10-32 threads, 2 holes (bottom)

Note

Only the holes for this pattern are shown below.

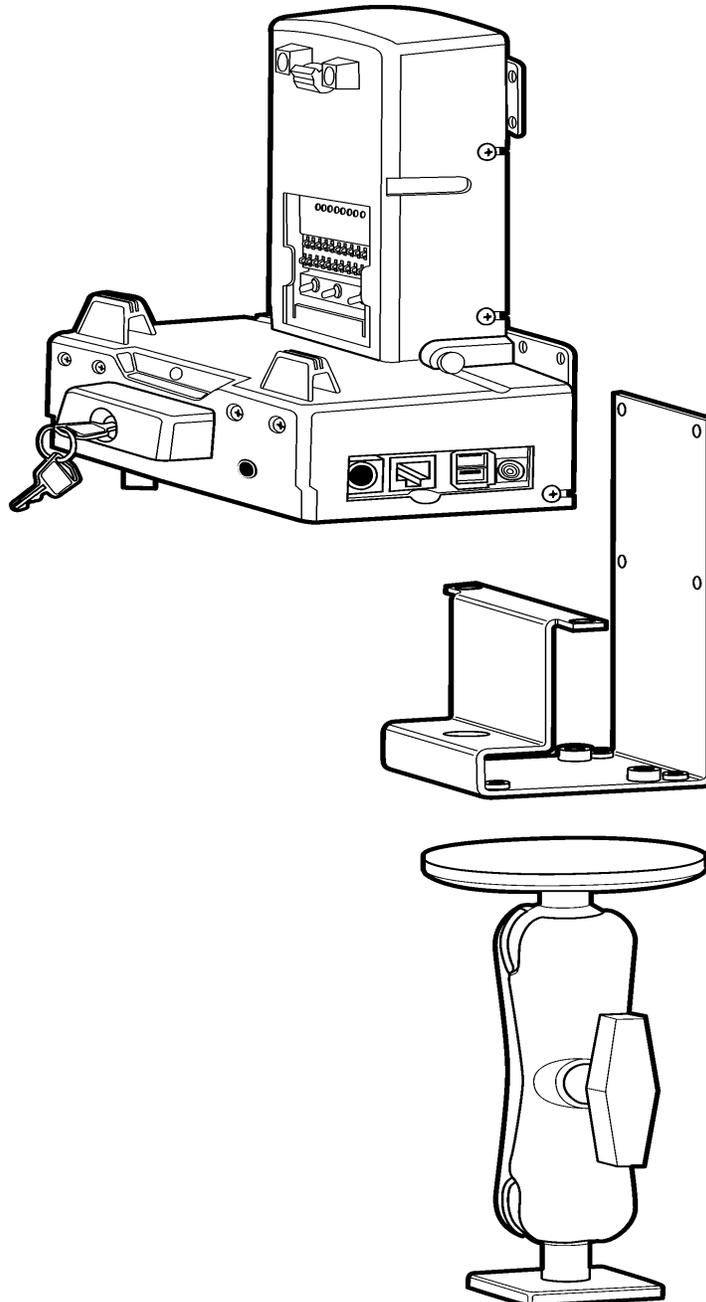


CAUTION

Maximum screw penetration is 1/4 inch in from outside surface to prevent damage to internal components.

Four-Hole Adapter Bracket

In the arrangement below, a custom adapter bracket aligns to the four-hole pattern on the back of the dock. The two bottom holes should also be used for stability.

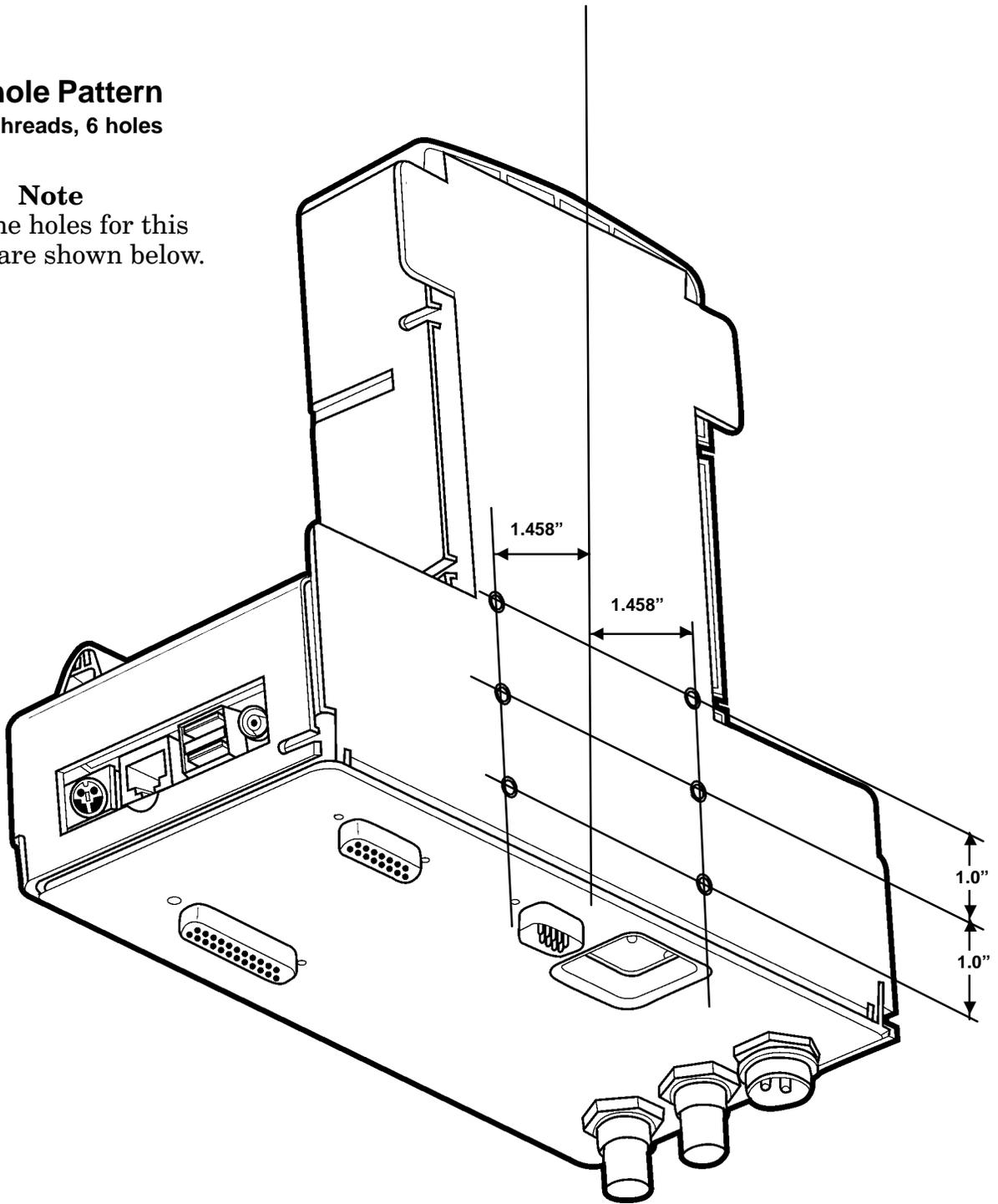


Six-hole Pattern

#6-32 threads, 6 holes

Note

Only the holes for this pattern are shown below.



CAUTION

Maximum screw penetration is 3/8ths inch in from outside surface to prevent damage to internal components.

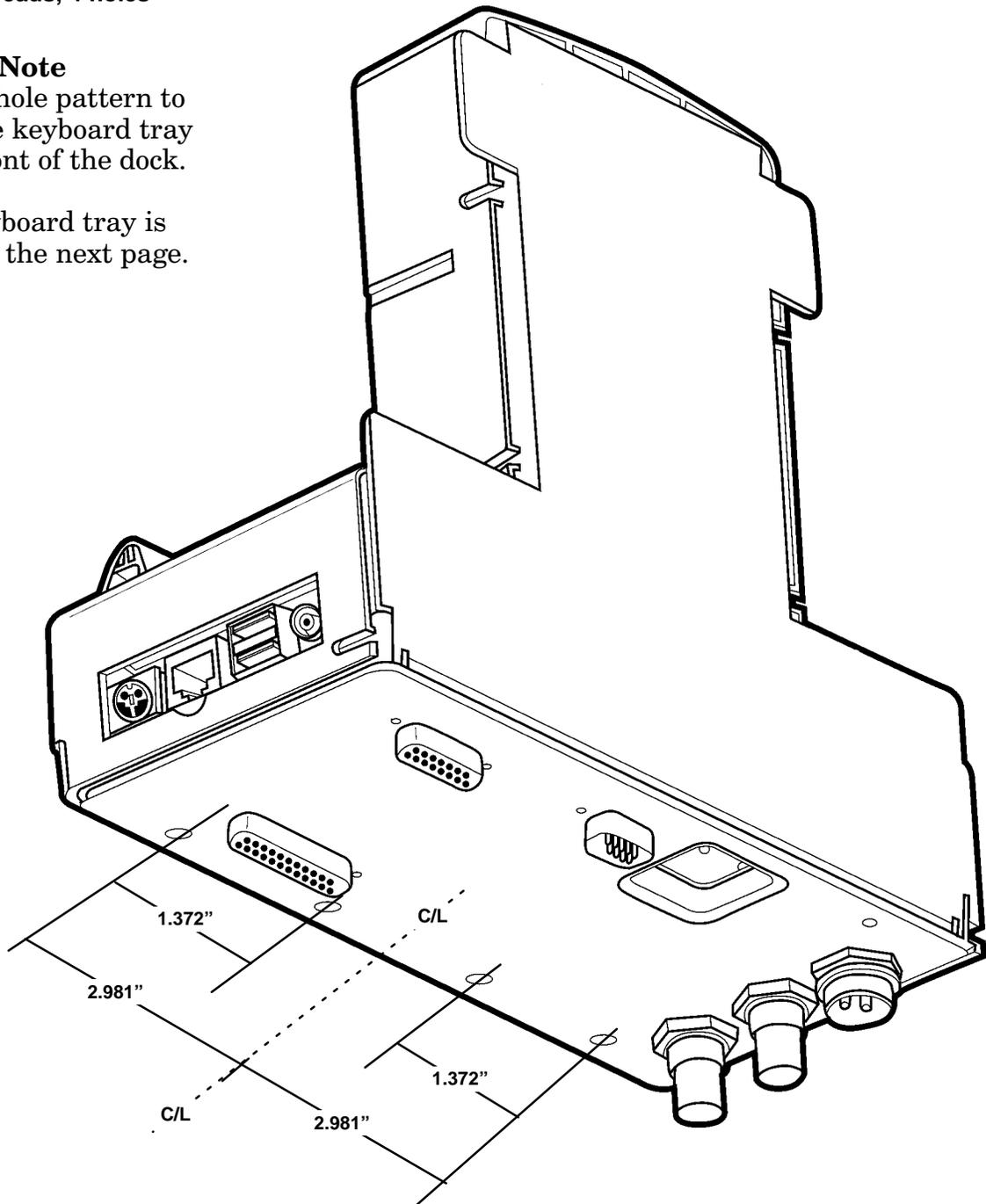
Bottom Pattern

#6-32 threads, 4 holes

Note

Use this hole pattern to install the keyboard tray on the front of the dock.

The keyboard tray is shown on the next page.



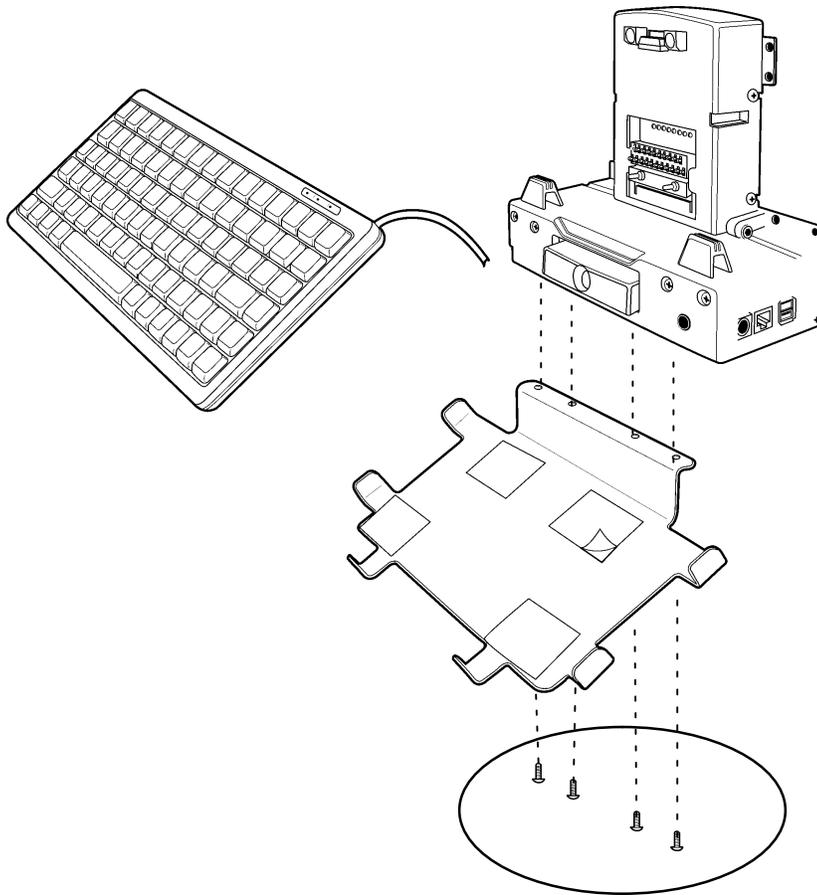
CAUTION

Maximum screw penetration is 3/8ths inch in from outside surface to prevent damage to internal components.

Keyboard Mounting Tray

Install the keyboard tray:

1. Remove the front four screws that fasten the bottom plate to the dock.
2. Attach the keyboard tray to the bottom of the dock using those four screws.
(use a threadlocker such as Loctite® “Surface Curing Threadlock” #425)
3. Remove the backing paper from the adhesive strips in the tray.
4. Place the keyboard in the tray and squeeze firmly and evenly for a few seconds.
5. Connect the keyboard cable to the PS/2 connector on the dock.



Notes

Use screws removed from front of dock bottom plate.

Use of threadlocker is recommended: Loctite #425 or equivalent.