

SERVICE MANUAL

Integris® 2001 Headwall System From Hill-Rom



Product No. P2001

For Parts Or Technical Assistance
USA (800) 445-3720 Canada (800) 267-2337
International: Contact your distributor.

man148ra

Integris® 2001 Headwall System Service Manual

Revisions

Revision Letter	Pages Affected	Date
Original Issue		December, 1997
A	All	May, 2000

man148ra

© 2000 by Hill-Rom Company, Inc. ALL RIGHTS RESERVED.

No part of this text shall be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying, recording, or by any information or retrieval system without written permission from Hill-Rom Company, Inc. (Hill-Rom).

Second Edition

First Printing 1997

Printed in the USA

Bird® is a registered trademark of Bird Products Corporation.

Chemetron® is a registered trademark of Allied Healthcare Products, Inc.

Concha® is a registered trademark of Respiratory Care, Inc.

CSA® is a registered trademark of Canadian Standards Association.

Hill-Rom® is a registered trademark of Hill-Rom, Inc.

Hubbellock® is a registered trademark of Hubbell Incorporated.

Integris® is a registered trademark of Hill-Rom, Inc.

Medaes® is a registered trademark of Hill-Rom Medaes, Inc.

Oxequip® is a registered trademark of Allied Healthcare Products, Inc.

Puritan-Bennett® is a registered trademark of Puritan-Bennett Corporation.

RCA® is a registered trademark of General Electric Company.

SideCom® is a registered trademark of Hill-Rom, Inc.

The information contained in this manual is subject to change without notice. Hill-Rom makes no commitment to update or keep current, the information contained in this manual.

The only product warranty intended by Hill-Rom is the express, written warranty accompanying the bill of sale to the original purchaser. Hill-Rom makes no other warranty, express or implied, and in particular, makes no warranty of merchantability or fitness for a particular purpose.

Additional copies of this manual can be obtained from Hill-Rom.

To order additional copies of this service manual, call (800) 445-3720, and place a parts order for part number man148ra.

Revisions

NOTES:

Table of Contents

Chapter 1: Introduction

Purpose	1 - 3
Audience	1 - 3
Organization	1 - 3
Chapter 1: Introduction	1 - 3
Chapter 2: Troubleshooting Procedures	1 - 3
Chapter 3: Theory of Operation	1 - 3
Chapter 4: Removal, Replacement, and Adjustment Procedures	1 - 3
Chapter 5: Parts List	1 - 4
Chapter 6: General Procedures	1 - 4
Chapter 7: Accessories	1 - 4
Typographical Conventions	1 - 5
Introduction	1 - 6
Overview	1 - 6
System Features	1 - 7
Specifications	1 - 8
Physical Description	1 - 8
Electrical Description	1 - 10
Regulations, Standards, and Codes	1 - 11
Model Identification	1 - 12
Integris® 2001 Headwall System Versions	1 - 12
Safety Tips	1 - 13
Warning and Caution Labels	1 - 15

Chapter 2: Troubleshooting Procedures

Getting Started	2 - 3
Initial Actions	2 - 3
Function Checks	2 - 4

Final Actions	2 - 5
Chart Light Does Not Come On	2 - 6
Dimmer Switch Does Not Operate the Light	2 - 8
Line Voltage Switch Does Not Operate Attached Device	2 - 10
Duplex Electrical Receptacle—Standard or Emergency—Is Inoperative	2 - 12
Timed Light Switch and Toggle Switch Do Not Operate Properly	2 - 13
Low Voltage Controller Is Not Operating the Attached Device.	2 - 15

Chapter 3: Theory of Operation

Voltage Distribution	3 - 3
Integris® 2001 Headwall System with Chase and Raceway	3 - 4
Electrical Switches	3 - 5
Power Receptacles	3 - 6
Low Voltage Wiring Diagrams.	3 - 8
Console and Chase Theory	3 - 9
Console Raceway	3 - 9
Vertical Service Chase	3 - 9
Circuit Protection	3 - 9
Communications	3 - 9
Medical Gases.	3 - 9

Chapter 4: Removal, Replacement, and Adjustment Procedures

Duplex Receptacle	4 - 3
Removal	4 - 3
Replacement	4 - 4
Single Receptacle	4 - 5
Removal	4 - 5
Replacement	4 - 6
Dimmer Switch.	4 - 7
Removal	4 - 7
Replacement	4 - 8
Line Voltage Switch	4 - 9
Removal	4 - 9

Replacement	4 - 10
Ground Jack Receptacle	4 - 11
Removal	4 - 11
Replacement	4 - 12
Chart Light Bulb	4 - 13
Removal	4 - 13
Replacement	4 - 14
Chart Light Switch	4 - 15
Removal	4 - 15
Replacement	4 - 15
Timed Light Switch and Toggle Switch	4 - 17
Removal	4 - 17
Replacement	4 - 18
Adjustment	4 - 18
Indirect/Read Light Switch	4 - 20
Removal	4 - 20
Replacement	4 - 21
Low Voltage Controller	4 - 22
Removal	4 - 22
Replacement	4 - 23
 Chapter 5: Parts List	
Warranty	5 - 5
Service Parts Ordering	5 - 7
Exchange Policy	5 - 9
In-Warranty Exchanges	5 - 9
Out-of-Warranty Exchanges	5 - 9
Recommended Spare Parts	5 - 9
Raceway Options—P2001	5 - 10
Raceway Options—P2001B	5 - 12
End Cap Option—P2001	5 - 14
End Cap Option—P2001B	5 - 16

Raceway Fascia Option (P/N M204126) P2001B	5 - 18
Chaseless J-Box In Raceway—P2001	5 - 20
Chaseless J-Box in Raceway—P2001B	5 - 22
Chase Assembly—P2001	5 - 24
Shroud Assembly—P2001	5 - 26
Chase Assembly and Shroud with Breaker Panel—P2001B	5 - 28
Chase Assembly and Shroud—P2001B	5 - 32
Backbox, 1 Gang Through 8 Gang—P2001.....	5 - 36
Device Mount, 1 Gang through 5 Gang—P2001B.....	5 - 38
Top Cap Options—P2001.....	5 - 40
Gas Pipe Cover Option—P2001.....	5 - 42
Gas Pipe Cover Option—P2001B	5 - 44
Gas Outlet Provision—P2001B	5 - 46
Duplex Outlet Receptacles	5 - 48
Single Outlet Receptacles.....	5 - 50
Line Voltage Switch	5 - 52
Ground Receptacles	5 - 54
Chart Light	5 - 56
Timed Light Switch	5 - 58
Gas Outlets, Allied	5 - 60
Gas Outlets, Universal Type.....	5 - 62
Gas Outlets, Ohio Medical	5 - 66
Gas Outlets, Oxequip®.....	5 - 68
Gas Manifold Assembly (M200230)	5 - 70
Low Voltage Switch	5 - 72
IV Hanger, Slide Mounted (P971H00) P2001	5 - 74
Mercury Sphygmomanometer (P977-00) and Aneroid Sphygmomanometer (P978-01) P2001.....	5 - 76
Cuff Basket (P102802) P2001	5 - 78
Large Storage Basket (P1029L2) P2001	5 - 80
Universal Holder (P102302) P2001	5 - 82

Utility/Bottle Slide Mount (P1020A1) P2001	5 - 84
Low Voltage Controller Option	5 - 86
Accessory Bar Assembly—P2001B.....	5 - 88
Support Arm Assembly (P170001-01) P2001B	5 - 92
Utility Mount, Single Post (P170003-01) P2001B.....	5 - 94
Utility Mount, Dual Post (P170004-01) P2001B	5 - 96
Utility/Universal Holder, Short Post (P170005-01) P2001B	5 - 98
Universal Holder Assembly, Small (P170006-01) P2001B	5 - 100
Swing Arm Ventilator Mount (P170008-01) P2001B	5 - 102
Resuscitator Bag Holder Assembly (P170009-01) P2001B.....	5 - 104
IV/Resuscitator Hanger Assembly (P170010-01) P2001B	5 - 106
Stackable Basket Assembly (P170101-01) P2001B.....	5 - 108
Storage Basket—Large, Divided-Up (P170102-01) P2001B.....	5 - 110
Storage Basket—Large, Divided-Up (P170102-02) P2001B.....	5 - 112
Storage Basket (P170103-01) P2001B.....	5 - 114
Storage Basket (P170103-02) P2001B.....	5 - 116
Basket Assembly (P170104-01) P2001B	5 - 118
Storage Basket (P170104-02) P2001B.....	5 - 120
CC Basket Assembly, Swivel (P170105-01) P2001B	5 - 122
Chart Holder, Stackable (P170110-01) P2001B.....	5 - 124
Chart Holder, Wire (P170111-01) P2001B	5 - 126
Sharps Mount Assembly (P170120-01) P2001B	5 - 128
Glove Box Holder Assembly (P170130-01) P2001B.....	5 - 130
Utility Shelf Assembly, Large (P170201-01) P2001B.....	5 - 132
Charting Shelf Assembly (P170202-01) P2001B.....	5 - 134
Hinged Mayo Tray, Small (P170203-01) P2001B	5 - 136
Hinged Mayo Tray, Large (P170204-01) P2001B	5 - 138
Luxo Incandescent Light Assembly (P170303-01) P2001B	5 - 140
Luxo Incandescent/Fluorescent Light Assembly (P170304-01) P2001B.....	5 - 142
Utility Light Assembly (P170305-01) P2001B	5 - 144
Utility Light Mount Assembly (P170307-01) P2001B.....	5 - 146

Otoscope Mount Assembly—747 (P170402-01) P2001B	5 - 148
Speculum Holder Assembly (P170404-01) P2001B	5 - 150
Aneroid Sphygmo Mount Assembly (P170410-01) P2001B	5 - 152
Aneroid Sphygmo Assembly (P170411-01) P2001B	5 - 154
7670 Assembly (P170412-01) P2001B	5 - 156
Mount Thermometer and 7670 Assembly (P170413-01/P170420-01) P2001B	5 - 158
Mercury Mount and Equipment Assembly (P170414-01) P2001B	5 - 160
Mercury Sphygmo Assembly (P170415-01) P2001B	5 - 162
Cuff Basket Assembly (P170416-01) P2001B	5 - 164
Cuff Basket Mount Assembly (P170417-01) P2001B	5 - 166
Utility Hook Assembly (P170418-01) P2001B	5 - 168
Conchatherm® Mount Assembly (P170430-01) P2001B	5 - 170
Puritan-Bennett® Cascade Humidifier Holder (P170431-01) P2001B	5 - 172
Stat Clock Assembly (P170440-01) P2001B	5 - 174
Monitor Mount Assembly (P170501-01) P2001B	5 - 176
Monitor Arm Track Mount (P170502-01) P2001B	5 - 178
Monitor Mounting Kit (P170503-01) P2001B	5 - 180
Rack Mount Assembly (P170504-01) P2001B	5 - 182
Television Arm Mount, RCA® (P170510-01) P2001B	5 - 184
Television Arm Mount (P170511-01) P2001B	5 - 186
Television Arm Mount Bunting (P170512-01) P2001B	5 - 188
Bed Bumper Set (P170601-01) P2001B	5 - 190
Extended Bird® Blender Assembly (P170703-01) P2001B	5 - 192
Cable Organizer Assembly (P170720-01) P2001B	5 - 194
Cord Wrap, Horizontal (P170730-01) P2001B	5 - 196
Chapter 6: General Procedures	
Cleaning and Care	6 - 3
General Cleaning	6 - 3
Steam Cleaning	6 - 3
Hard to Clean Spots	6 - 3

Disinfection.....	6 - 3
Lubrication Requirements.....	6 - 4
Preventive Maintenance	6 - 5
Preventive Maintenance Schedule	6 - 6
Preventive Maintenance Checklist	6 - 7
Tool and Supply Requirements.....	6 - 8
Installation and Post-Installation Inspection.....	6 - 8

Chapter 7: Accessories

Accessories	7 - 3
Standard Accessory Mounting Adapter Assembly—P2002B	7 - 6
Introduction.....	7 - 6
Installation	7 - 6
Removal	7 - 7
Slide Mounted IV Hanger—P971HOO (P2001)	7 - 8
Installation	7 - 8
Adjustment	7 - 9
Removal	7 - 9
Mercurial and Aneroid Sphygmomanometer Mount—P102402/P102502 (P2001)	7 - 10
Installation	7 - 10
Adjustment	7 - 11
Removal	7 - 11
Cuff Basket Assembly (P2001)	7 - 12
Installation	7 - 12
Removal	7 - 12
Large Storage Basket (P2001)	7 - 13
Installation	7 - 13
Universal Holder (P2001).....	7 - 14
Installation	7 - 14
Utility Bottle Slide Mounting (P2001).....	7 - 15
Installation	7 - 15

NOTES:

Chapter 1

Introduction

Chapter Contents

Purpose	1 - 3
Audience	1 - 3
Organization	1 - 3
Chapter 1: Introduction	1 - 3
Chapter 2: Troubleshooting Procedures	1 - 3
Chapter 3: Theory of Operation	1 - 3
Chapter 4: Removal, Replacement, and Adjustment Procedures	1 - 3
Chapter 5: Parts List	1 - 4
Chapter 6: General Procedures	1 - 4
Chapter 7: Accessories	1 - 4
Typographical Conventions	1 - 5
Introduction	1 - 6
Overview	1 - 6
System Features	1 - 7
Specifications	1 - 8
Physical Description	1 - 8
Electrical Description	1 - 10
Regulations, Standards, and Codes	1 - 11
Model Identification	1 - 12
Integris® 2001 Headwall System Versions	1 - 12
Safety Tips	1 - 13
Warning and Caution Labels	1 - 15

NOTES:

Purpose

This manual provides requirements for the Integris® 2001 Headwall System normal operation and maintenance. It also includes a parts list (in chapter 5) for ordering replacement components.

Audience

This manual is intended for use by only facility-authorized personnel. Failure to observe this restriction can result in severe injury to people and serious damage to equipment.

Organization

This manual contains seven chapters.

Chapter 1: Introduction

In addition to a brief description of this service manual, chapter 1 also provides a product overview.

Chapter 2: Troubleshooting Procedures

Repair analysis procedures are contained in this chapter. Use these procedures to gather information, identify the maintenance need, and verify the effectiveness of the repair.

Chapter 3: Theory of Operation

This chapter describes the application of the mechanical, electrical, and hydraulic systems employed in this product.

Chapter 4: Removal, Replacement, and Adjustment Procedures

Chapter 4 contains the detailed maintenance procedures determined necessary in chapter 2.

Chapter 5: Parts List

This chapter contains the warranty, part-ordering procedure, and illustrated parts lists.

Chapter 6: General Procedures

Cleaning, preventive maintenance, and other general procedures are described in this chapter.

Chapter 7: Accessories

A list of additional products, that can be used in conjunction with the Integris® 2001 Headwall System, is available in chapter 7. Installation procedures for these accessories are also included.

Typographical Conventions

This manual contains different typefaces and icons designed to improve readability and increase understanding of its content. Note the following examples:

- Standard text—used for regular information.
- **Boldface text**—emphasizes a word or phrase.
- **NOTE:**—sets apart special information or important instruction clarification.
- The symbol below highlights a WARNING or CAUTION:

Figure 1-1. Warning and Caution



- A WARNING identifies situations or actions that may affect patient or user safety. Disregarding a warning could result in patient or user injury.
- A CAUTION points out special procedures or precautions that personnel must follow to avoid equipment damage.
- The symbol below highlights a CAUGHT HAZARD WARNING:

Figure 1-2. Caught Hazard Warning



- The symbol below highlights a CHEMICAL HAZARD WARNING:

Figure 1-3. Chemical Hazard Warning



- The symbol below highlights an ELECTRICAL SHOCK HAZARD WARNING:

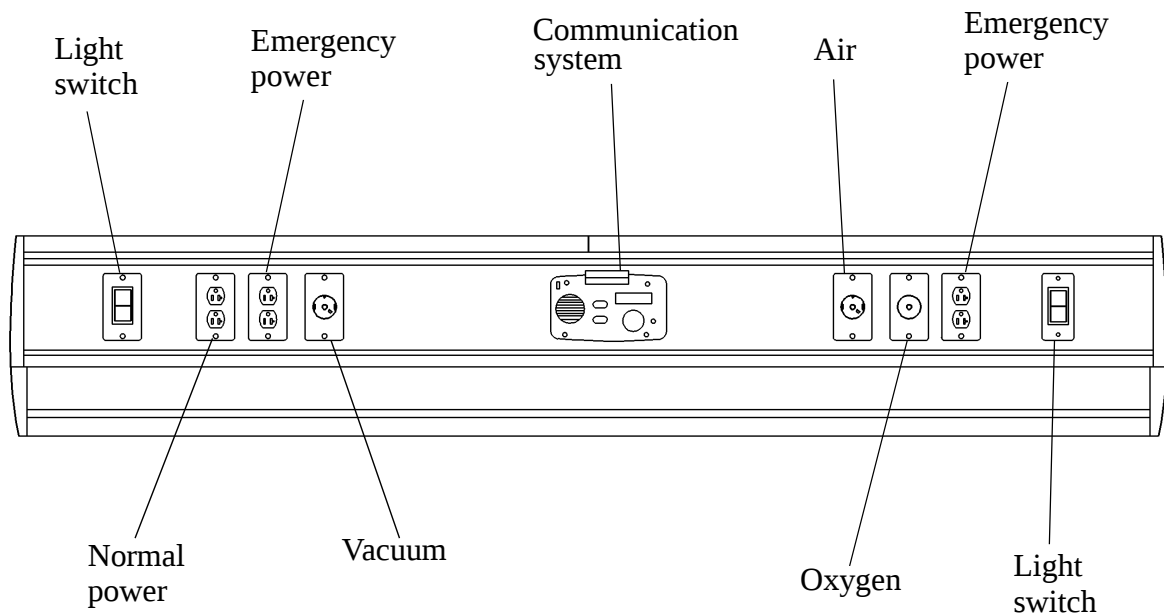
Figure 1-4. Electrical Shock Hazard Warning



Introduction

Overview

Figure 1-5. Typical Integris® 2001 Headwall System



m148_003

Today, with improvements in technology and changes in the way health care is delivered, Hill-Rom is designing products to continuously meet the changing needs of the health care industry.

The flexibility of the Integris® 2001 Headwall System is the solution to changes in patient acuity levels, hospital occupancy rate, and technology. This flexibility is demonstrated in the ability of the Integris® 2001 Headwall System to quickly add or relocate ancillary equipment on the accessory tracks.

The Integris® 2001 Headwall System eliminates the cluttered look of current headwalls and offers a clean, contemporary environment. The unit can accept new equipment that may not have been planned for and provides physical support of secondary equipment, brackets, shelves, and other patient headwall-related items.

The Integris® 2001 Headwall System consists of a console raceway for delivery of power and gas services from the wall. The raceway carries power lines and supports auxiliary equipment. The area under the raceway contains the piping for medical gases.

System Features

The features of the Integris® 2001 Headwall System include:

- Low voltage power service
- Normal power service
- Emergency power service
- Multiple gas outlets
- Reduced clutter around the bed and placement of equipment at convenient working levels for the staff
- Variable total length to meet requirements of larger open areas
- Flexibility for the hospital room to be upgraded to a more sophisticated level of care
- Adaptability for new services without the need to break into walls or reconstruct the room

Specifications

Physical Description

The following tables contain specifications of the Integris® 2001 Headwall System.

Table 1-1. Chase Specifications

Feature	Dimension
Depth	5 3/8" (13.65 cm)
Width	13 3/4" (34.93 cm)

Table 1-2. Raceway Specifications

Feature	Dimension
Depth	3.937" (10.000 cm)
Width (including end caps)	5' 6" (168 cm) to 9' 3" (282 mm)
Height	8 7/8" (22.54 cm)

Table 1-3. Medical Gas/Vacuum Manifold

Description	Specification
Check valves	DISS indexed
Copper tubing	American Society of Testing and Materials (ASTM)-B-819
Inner diameter—oxygen and air tubing	½" (12.70 mm)
Inner diameter—vacuum tubing	¾" (19.05 mm)
Brazing	Silver alloy
Minimum melting point for brazing	1000°F (538°C)
Pressure test	150 psi (1034 kPa)
Pressure test certification	National Fire Protection Association (NFPA)-99 and/or contractual documents

Table 1-4. Optional Equipment and Devices

Description	Specification
Chart light	Switched 7 watt 120V bulb
Low voltage controller	120V AC 240V AC 277V AC
Switches	Quiet action 120V AC 20 amp Framed rocker (Single Pole Single Throw (SPST) or 3-way)

Table 1-5. Provisions for Options

Description	Specification
Patient Phone provision	Standard telephone jack
Code blue emergency call button	Contractor provides name and number of code blue equipment to be used.
Nurse call station	Two through eight gang opening. Contractor supplies name and number of equipment to be used.
STAT Clock/Timer—provision	Four gang opening

Electrical Description

Table 1-6. Electrical Specifications

Description	Specification
Voltage	109–125V AC at 50–60 Hz
Wire—standard and emergency power	Type AWT/MTW Stranded copper 600V Flame retardant Heat resistant
Wire—power circuits/lighting circuits	12 AWG (color-coded according to wiring dia- gram)
Wire—ground conductor	12 AWG Stranded copper Green
Wire—raceway ground conductor	10 AWG to terminate at the service chase ground bus.
Grounding and bonding	Each receptacle must have a grounding conductor terminated at the raceway grounding post next to the service chase.

Table 1-7. Receptacle Specifications

Description	Specification
Hospital-grade receptacle	NEMA 5-15R or 5-20R Hospital-grade is indicated by a green dot on the face of the receptacle.
Single phase	2 wires plus ground
Voltage	125V AC
Amperage	15 or 20 amp
Receptacle color	Ivory = standard power duplex Red = emergency power (critical branch) Black = locking single Orange = isolated ground

Regulations, Standards, and Codes

USA

Sections and Units

Category guide designation = QQXX.

Isolated Power Wall Modules

Category guide designation = KEXS.

Canada (CUL)

Sections and Units

Category guide designation = QQXX7.

Isolated Power Wall Modules

Category guide designation = KEXS7.

Model Identification

For Integris® 2001 Headwall System model identification, see table 1-8 on page 1-12.

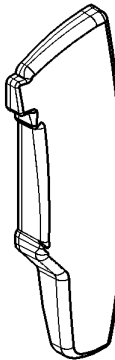
Table 1-8. Model Identification

Model Number	Description
P2001	Integris® 2001 Headwall System
P2001B	Integris® 2001 Headwall System

Integris® 2001 Headwall System Versions

The two different versions of the Integris® 2001 Headwall System can be differentiated by the unique style of their end caps. See table 1-9 on page 1-12. for Integris® 2001 Headwall System end cap versions.

Table 1-9. Integris® 2001 Headwall System End Cap Versions

Headwall Version	Description
P2001	 m148a065
P2001B	 m148a066

Safety Tips

**WARNING:**

Only facility-authorized personnel should troubleshoot the Integris® 2001 Headwall System. Troubleshooting by unauthorized personnel could result in personal injury or equipment damage.

**WARNING:**

Only facility-authorized personnel should perform preventive maintenance on the Integris® 2001 Headwall System. Preventive maintenance performed by unauthorized personnel could result in personal injury or equipment damage.

**WARNING:**

Follow the product manufacturer's instructions. Failure to do so could result in personal injury or equipment damage.

**SHOCK HAZARD:**

Unplug the unit from its power source. Failure to do so could result in personal injury or equipment damage.

**SHOCK HAZARD:**

Do not expose the unit to excessive moisture. Personal injury or equipment damage could occur.

**SHOCK HAZARD:**

Use care when checking live voltages. Do not touch live terminals, wires, and ground. Failure to use caution could result in personal injury.

**SHOCK HAZARD:**

Locate the involved building circuit breaker panel. Set the involved circuit breaker to OFF. Lock out and tag out the breaker. Failure to follow this procedure could cause serious personal injury and damage to the equipment.



CAUTION:

Do not use harsh cleaners, solvents, or detergents. Equipment damage could occur.

Warning and Caution Labels

Figure 1-6. Warning and Caution Labels (Sheet 1 of 2)

WARNING

PRECAUTIONS MUST BE TAKEN WHEN SWEATING JOINTS TO PROTECT CHECK VALVES FROM EXCESSIVE HEAT. WHEN MAKING CONNECTORS CLOSER THAN 10" FROM "T" FITTING A HEAT SINK SHOULD BE USED TO PROTECT THE VALVE.

WARNING: THIS DEVICE IS NOT TO BE USED DIRECTLY OR INDIRECTLY WITH LIFE SUPPORT APPARATUS OR ASSOCIATED CIRCUITRY.

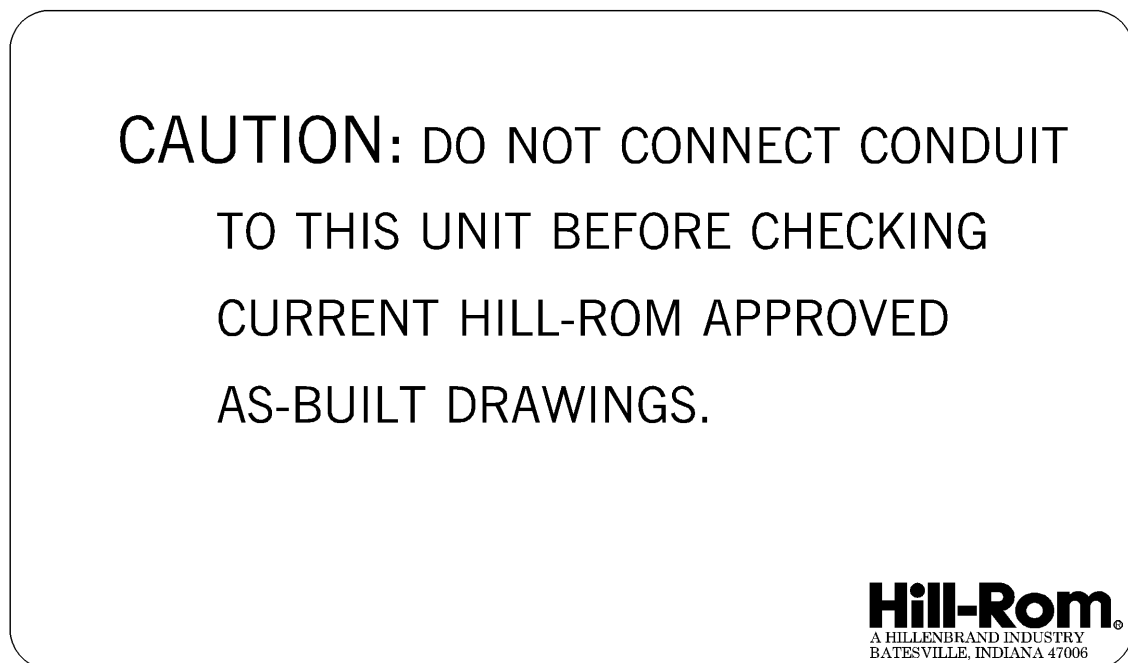
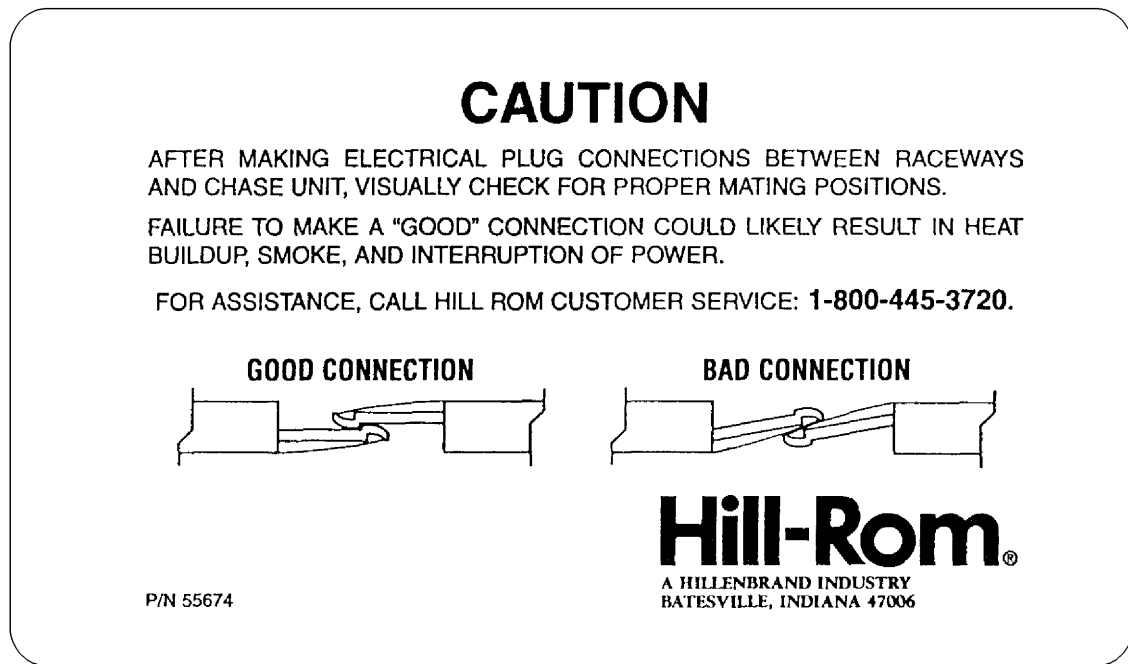
CAUTION: THE MAIN BREAKER MAY NOT DISCONNECT ALL POWER SOURCES FROM THIS UNIT.

CIRCUIT	FUNCTION	CIRCUIT	FUNCTION
	SPARE		SPARE
	SPARE		SPARE
	SPARE		SPARE
	SPARE		SPARE
	SPARE		SPARE

CURRENT INTERRUPTING RATING MAX RMS SYM 10.00 AMPS
120/240 VOLTS AC

m148_004

Figure 1-7. Warning and Caution Labels (Sheet 2 of 2)



m148_005

Chapter 2

Troubleshooting Procedures

2

Chapter Contents

Getting Started	2 - 3
Initial Actions	2 - 3
Function Checks	2 - 4
Final Actions.....	2 - 5
Chart Light Does Not Come On.....	2 - 6
Dimmer Switch Does Not Operate the Light	2 - 8
Line Voltage Switch Does Not Operate Attached Device	2 - 10
Duplex Electrical Receptacle—Standard or Emergency—Is Inoperative	2 - 12
Timed Light Switch and Toggle Switch Do Not Operate Properly	2 - 13
Low Voltage Controller Is Not Operating the Attached Device.....	2 - 15

NOTES:

Getting Started



WARNING:

Only facility-authorized personnel should troubleshoot the Integris® 2001 Headwall System. Troubleshooting by unauthorized personnel could result in personal injury or equipment damage.

Begin each procedure in this chapter with step 1. Follow the sequence outlined (each step assumes the previous step has been completed). In each step, the normal operation of the product can be confirmed by answering **Yes** or **No** to the statement. Your response will lead to another step in the procedure, a repair analysis procedure (RAP), or a component replacement. If more than one component is listed, replace them in the given order.

To begin gathering information about the problem, start with **Initial Actions**.

To isolate or identify a problem and to verify the repair after completing each corrective action (replacing or adjusting a part, seating a connector, etc.), perform the **Function Checks**.

To verify the repair, perform the **Final Actions** after the Function Checks.

If troubleshooting procedures do not isolate the problem, call Hill-Rom Technical Support at (800) 445-3720 for assistance.

Initial Actions

To gather information from operators concerning problems with the Integris® 2001 Headwall System, use Initial Actions. Note symptoms or other information concerning the problem that the operator describes. This information helps identify the probable cause.

1. Someone who can explain the problem is available.

Yes No



→ Go to “Function Checks” on page 2-4.

2. Ask that person to demonstrate or explain the problem. The problem can be duplicated.

Yes No



→ Go to “Function Checks” on page 2-4.

3. The problem is a result of improper operator action.

Yes **No**
↓ → Go to “Function Checks” on page 2-4.

4. Instruct the operator to refer to the procedures in the *Integris® 2001 Headwall System In-Service Manual*. To ensure proper operation of the Integris® 2001 Headwall System, perform the “Function Checks” on page 2-4.

Function Checks

1. Initial Actions have been performed.

Yes **No**
↓ → Go to “Initial Actions” on page 2-3.

2. The chart light is operational.

Yes **No**
↓ → Go to RAP 2.1 on page 2-6.

3. The dimmer switch is operational.

Yes **No**
↓ → Go to RAP 2.2 on page 2-8.

4. The line voltage switch is operational.

Yes **No**
↓ → Go to RAP 2.3 on page 2-10.

5. The duplex electrical receptacle is operative.

Yes **No**
↓ → Go to RAP 2.4 on page 2-12.

6. The timed light switch operates correctly.

Yes **No**
↓ → Go to RAP 2.5 on page 2-13.

7. The low voltage controller is operating the attached device.

Yes **No**
↓ → Go to RAP 2.6 on page 2-15.

8. Go to “Final Actions” on page 2-5.

Final Actions

1. Complete the required preventive maintenance procedures. See “Preventive Maintenance” on page 6-5.
2. Return all equipment to normal operating condition.
 - a. Close all panels.
 - b. Connect any disconnected wires/connectors.
 - c. Remove all tools and test equipment.
3. Complete all required administrative tasks.

2.1 Chart Light Does Not Come On



SHOCK HAZARD:

Use care when checking live voltages. Do not touch live terminals, wires, and ground. Failure to use caution could result in personal injury.

1. All other Integris® 2001 Headwall System electrical systems are operational.

Yes No



→ Restore electrical service from the building to the Integris® 2001 Headwall System.

2. If so equipped, the applicable Integris® Headwall 2001 Headwall System circuit breaker is in the ON position.

Yes No



→ Reset the applicable circuit breaker to the ON position.

3. The chart light comes on.

Yes No



→ Go to step 5.

4. Go to “Final Actions” on page 2-5.

5. Perform the following:

- a. Gain access to the chart light.
- b. Remove the chart light bulb.

A voltage shows that 109 to 125V AC is available between the bulb center terminal and ground.

Yes No



→ Go to step 8.

6. Replace the chart light bulb (refer to procedure 4.6).

This solves the problem.

Yes No



→ Go to step 8.

7. Go to “Final Actions” on page 2-5.

8. Perform the following:

- a. Gain access to the chart light switch.

- b. Place the switch in the OFF position.
- c. Measure the voltage between the switch terminals.

A voltage meter shows that 109 to 125V AC is present.

Yes	No
↓	→ Go to step 10.

9. Perform the following:

- a. Place the applicable circuit breaker in the OFF position.
- b. Place the chart light switch in the ON position.
- c. Check for continuity across the switch terminals.

Continuity is present.

Yes	No
↓	→ Replace the chart light switch. See “Chart Light Switch” on page 4-15. If this solves the problem, go to “Final Actions” on page 2-5. Otherwise, go to step 10.

10. The chart light comes on.

Yes	No
↓	→ Repair or replace wiring between the chart light switch and the wall box or the switch and the Integris® 2001 Headwall System circuit breaker, if so equipped. If this solves the problem, go to “Final Actions” on page 2-5. Otherwise, call Hill-Rom Technical Support at (800) 445-3720.

11. Go to “Final Actions” on page 2-5.

2.2 Dimmer Switch Does Not Operate the Light

1. All other Integris® 2001 Headwall System electrical systems are operational.

Yes	No
↓	→ Restore electrical service from the building to the Integris® 2001 Headwall System.
2. The dimmer switch operates the light.

Yes	No
↓	→ Go to step 4.
3. Go to “Final Actions” on page 2-5.



SHOCK HAZARD:

Use care when checking live voltages. Do not touch live terminals, wires, and ground. Failure to use caution could result in personal injury.

4. Perform the following:
 - a. Gain access to the switch terminals.
 - b. Rotate the switch knob fully counterclockwise (off).
 - c. Measure the voltage across the switch terminals.A voltage meter shows that 109 to 125V AC is present.

Yes	No
↓	→ Repair or replace the wiring between the wall box and the dimmer switch.



SHOCK HAZARD:

Locate the involved building circuit breaker panel. Set the involved circuit breaker to OFF. Lock out and tag out the breaker. Failure to follow this procedure could cause serious personal injury and damage to the equipment.

5. Perform the following:
 - a. Disconnect one of the wires from the dimmer switch terminals.
 - b. Connect a digital multimeter across switch terminals and set the meter for resistance.
 - c. Observe the meter while rotating the switch knob from fully counterclockwise to fully clockwise.

The resistance value drops to approximately zero.

Yes No

↓

→ Replace the dimmer switch. See “Dimmer Switch” on page 4-7.

6. The dimmer switch operates the light.

Yes No

↓

→ Repair or replace the wiring between the dimmer switch and the light. If this solves the problem, go to “Final Actions” on page 2-5. Otherwise, call Hill-Rom Technical Support at (800) 445-3720.

7. Go to “Final Actions” on page 2-5.

2.3 Line Voltage Switch Does Not Operate Attached Device



SHOCK HAZARD:

Use care when checking live voltages. Do not touch live terminals, wires, and ground. Failure to use caution could result in personal injury.

1. All other Integris® 2001 Headwall System electrical systems are operational.

Yes No



→ Restore electrical service from the building to the Integris® 2001 Headwall System.

2. If so equipped, the applicable Integris® Headwall 2001 Headwall System circuit breaker is in the ON position.

Yes No



→ Reset the applicable circuit breaker to the ON position.

3. The line voltage switch is operative.

Yes No



→ Go to step 5.

4. Go to “Final Actions” on page 2-5.

5. Perform the following:

- a. Gain access to the line voltage switch.
- b. Place the switch in the OFF position.
- c. Measure the voltage across the switch terminals.
A voltage of 109 to 125V AC is present.

Yes No



→ Go to step 7.

6. Perform the following:

- a. Place the applicable circuit breaker in the OFF position.
- b. Place the line voltage switch in the ON position.
- c. Check for continuity across the switch terminals.
Continuity is present.

Yes No



→ Replace the line voltage switch. See “Line Voltage Switch” on page 4-9.

7. The line voltage switch is operative.

Yes **No**

↓

→ Repair or replace the wiring between the switch and the wall box or the switch and the Integris® 2001 Headwall System circuit breaker, if equipped. If this solves the problem, go to “Final Actions” on page 2-5. Otherwise, call Hill-Rom Technical Support at (800) 445-3720.

8. Go to “Final Actions” on page 2-5.

2

2.4 Duplex Electrical Receptacle—Standard or Emergency—Is Inoperative



SHOCK HAZARD:

Use care when checking live voltages. Do not touch live terminals, wires, and ground. Failure to use caution could result in personal injury.

1. All other Integris® 2001 Headwall System electrical systems are operational.

Yes No

↓

→ Restore electrical service from the building to the Integris® 2001 Headwall System.

2. If so equipped, the applicable Integris® 2001 Headwall System circuit breaker is in the ON position.

Yes No

↓

→ Reset the applicable circuit breaker to the ON position.

3. The duplex electrical receptacle is operative.

Yes No

↓

→ Go to step 5.

4. Go to “Final Actions” on page 2-5.

5. A voltage of 109 to 125V AC is available at the wire terminals on the receptacle.

Yes No

↓

→ Repair or replace the wires between the receptacle and the wall box or the receptacle and the Integris® 2001 Headwall System circuit breaker box, if so equipped.

6. The duplex electrical receptacle is operative.

Yes No

↓

→ Replace the duplex receptacle. See “Duplex Receptacle” on page 4-3. If this solves the problem, go to “Final Actions” on page 2-5. Otherwise, call Hill-Rom Technical Support at (800) 445-3720.

7. Go to “Final Actions” on page 2-5.

2.5 Timed Light Switch and Toggle Switch Do Not Operate Properly



SHOCK HAZARD:

Use care when checking live voltages. Do not touch live terminals, wires, and ground. Failure to use caution could result in personal injury.

1. The building circuit breaker is in the ON position.

Yes No



→ Reset the breaker to the ON position.

2. A voltage of 109 to 125V AC is available between the lug and the terminal of the breaker.

Yes No



→ Replace the circuit breaker according to the manufacturer's instruction.

3. A voltage of 109 to 125V AC is available at the wire terminals on the toggle switch.

Yes No



→ Repair or replace the wiring between the circuit breaker and the toggle switch.

4. Place the toggle switch in the ON position. The lights turn ON.

Yes No



→ Replace the applicable light bulb.

5. The light is operational.

Yes No



→ Replace the toggle switch. See "Timed Light Switch and Toggle Switch" on page 4-17.

6. Place the toggle light switch in the OFF position. The lights turn OFF at the setting of the timer (0–15 minutes).

Yes No



→ Adjust the timer to the correct setting. See "Timed Light Switch and Toggle Switch" on page 4-17.

7. The light turns off at the correct time.

Yes No

↓

→ Replace the timer assembly. See “Timed Light Switch and Toggle Switch” on page 4-17. If this solves the problem, go to “Final Actions” on page 2-5. Otherwise, call Hill-Rom Technical Support at (800) 445-3720.

8. Go to “Final Actions” on page 2-5.

2.6 Low Voltage Controller Is Not Operating the Attached Device

1. All other Integris® 2001 Headwall System electrical systems are operational.

Yes	No
↓	→ Restore electrical service from the building to the Integris® 2001 Headwall System.
2. If so equipped, the applicable Integris® Headwall 2001 Headwall System circuit breaker is in the ON position.

Yes	No
↓	→ Reset the applicable circuit breaker to the ON position.
3. The low voltage controller is operational.

Yes	No
↓	→ Go to step 5.
4. Go to “Final Actions” on page 2-5.



SHOCK HAZARD:

Use care when checking live voltages. Do not touch live terminals, wires, and ground. Failure to use caution could result in personal injury.

5. Perform the following:
 - a. Gain access to the low voltage controller in the Integris® 2001 Headwall System raceway.
 - b. Determine the type of low voltage controller installed by observing the part number.
 - c. Measure the voltage between the black and the white power input wires (see figure 2-1 on page 2-17).

NOTE:

The voltage will depend on which low voltage controller is installed.

A voltage reading of 120V AC, 240V AC, or 277V AC is present.

- | | |
|------------|--|
| Yes | No |
| ↓ | → Repair or replace the wiring between the low voltage controller and the wall box, as required. |

6. Perform the following:
 - a. Gain access to the read/indirect light switch.

- b. Measure the voltage between the read and the common terminals (positive black and negative brown wires).
- c. Measure the voltage between the indirect and the common terminals (positive red and negative brown wires).

Voltage readings of 10 to 14V DC are present.

Yes	No
↓	→ Replace the low voltage controller. See “Low Voltage Controller” on page 4-22.

7. Perform the following:

- a. Place the read/indirect switch in the READ position.
- b. Measure the voltage between the yellow and the green wires.
- c. Place the read/indirect switch in the INDIRECT position.
- d. Measure the voltage between the pink and the green wires.

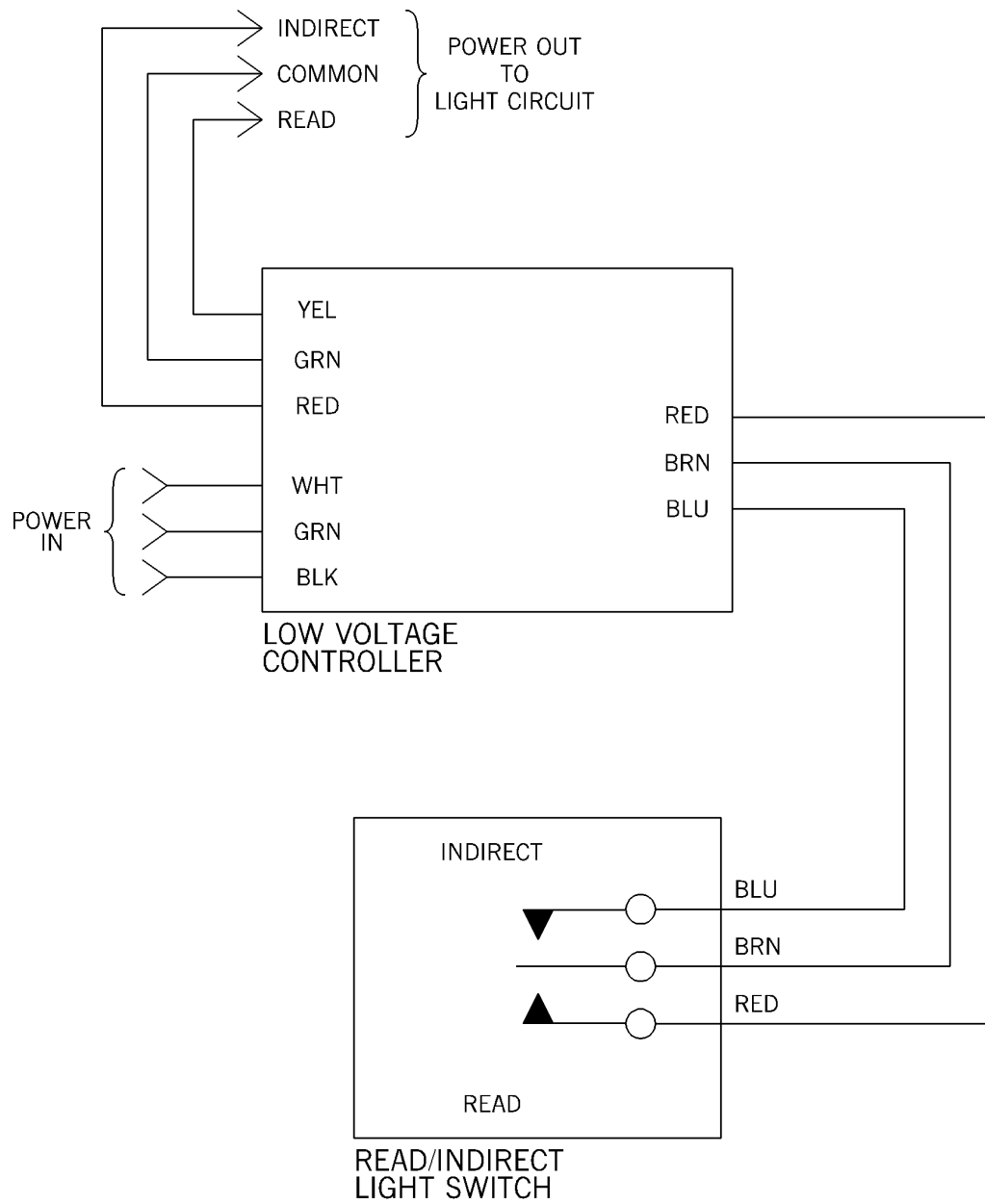
NOTE:

The voltage will depend on which low voltage controller is installed.

Voltage readings of 120V AC, 240V AC or 277V AC are present.

Yes	No
↓	→ Replace the low voltage controller. See “Low Voltage Controller” on page 4-22. If this solves the problem, go to “Final Actions” on page 2-5. Otherwise, call Hill-Rom Technical Support at (800) 445-3720.

8. Go to “Final Actions” on page 2-5.

Figure 2-1. Low Voltage Lighting Control (Typical)

m148_011

NOTES:

Chapter 3

Theory of Operation

Chapter Contents

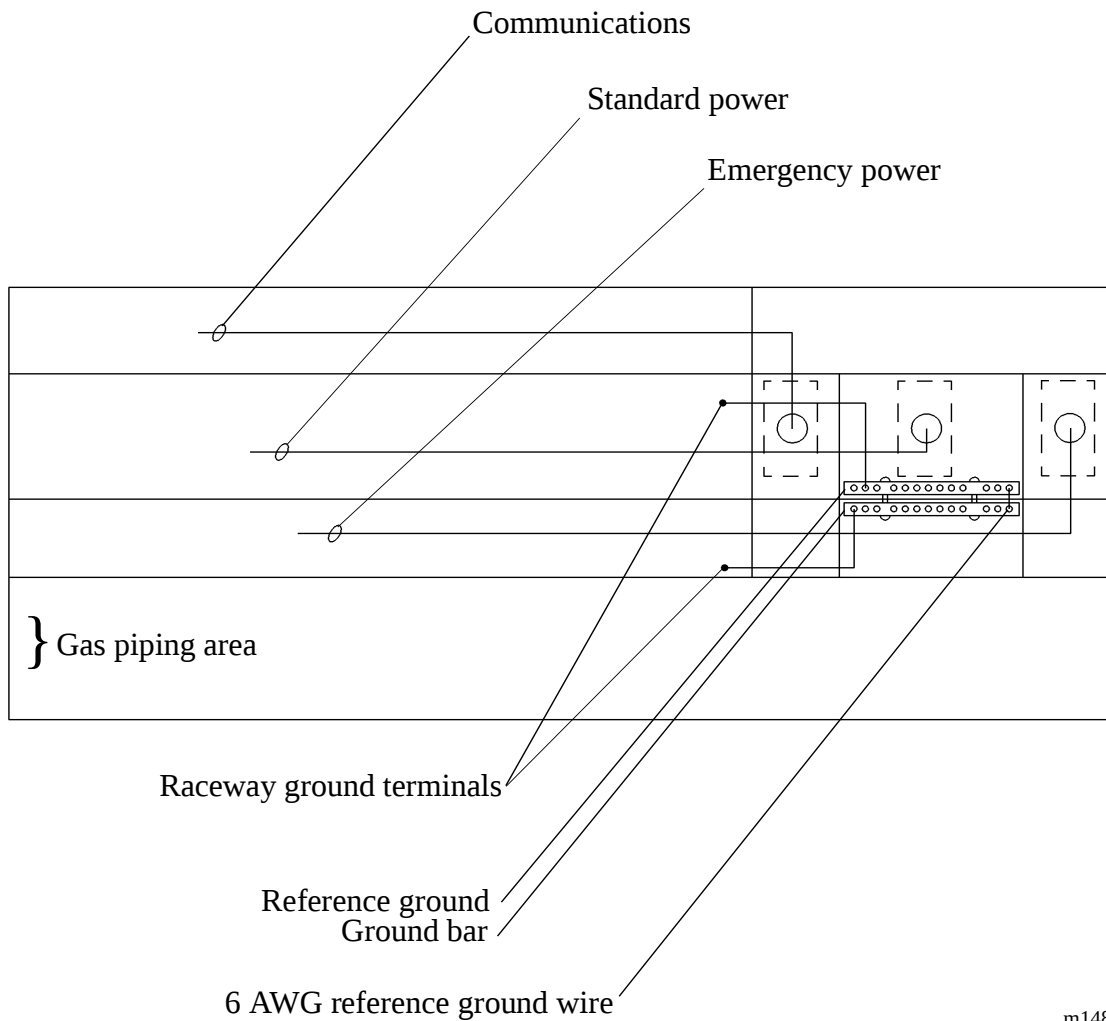
Voltage Distribution	3 - 3
Integris® 2001 Headwall System with Chase and Raceway	3 - 4
Electrical Switches	3 - 5
Power Receptacles	3 - 6
Low Voltage Wiring Diagrams.....	3 - 8
Console and Chase Theory	3 - 9
Console Raceway	3 - 9
Vertical Service Chase	3 - 9
Circuit Protection	3 - 9
Communications	3 - 9
Medical Gases.....	3 - 9

NOTES:

Voltage Distribution

Integris® 2001 Headwall System with Raceway

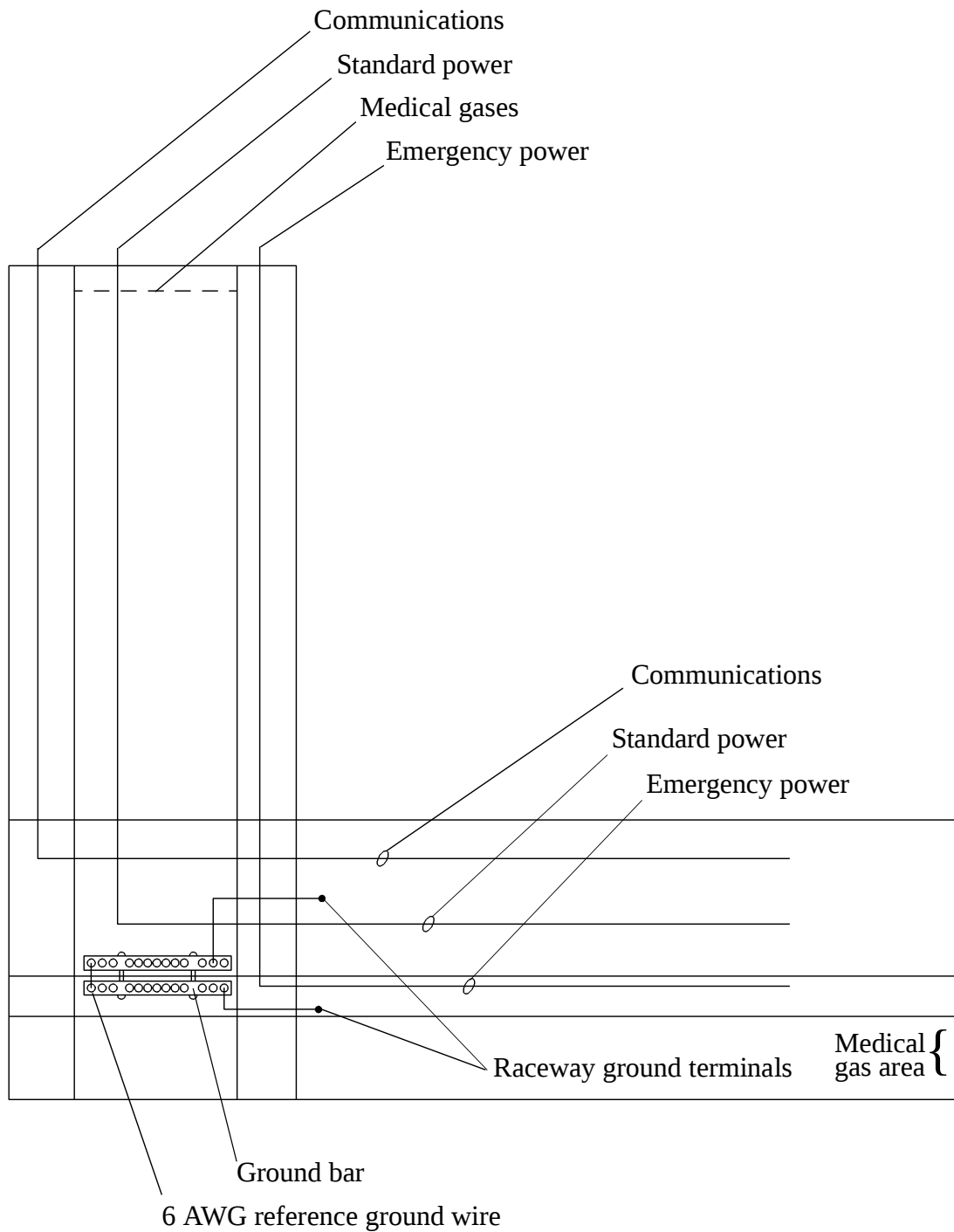
Figure 3-1. AC Voltage Distribution to the Raceway



m148_006

Integris® 2001 Headwall System with Chase and Raceway

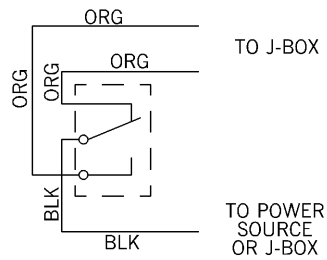
Figure 3-2. AC Voltage Distribution to Chase and Raceway



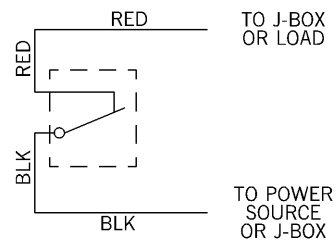
m148_007

Electrical Switches

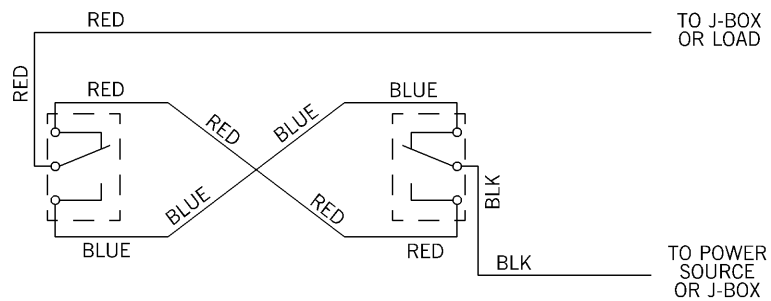
Figure 3-3. Wiring Diagrams



TYPICAL GND PWR
SINGLE 3-WAY



TYPICAL GND PWR
SINGLE SPST



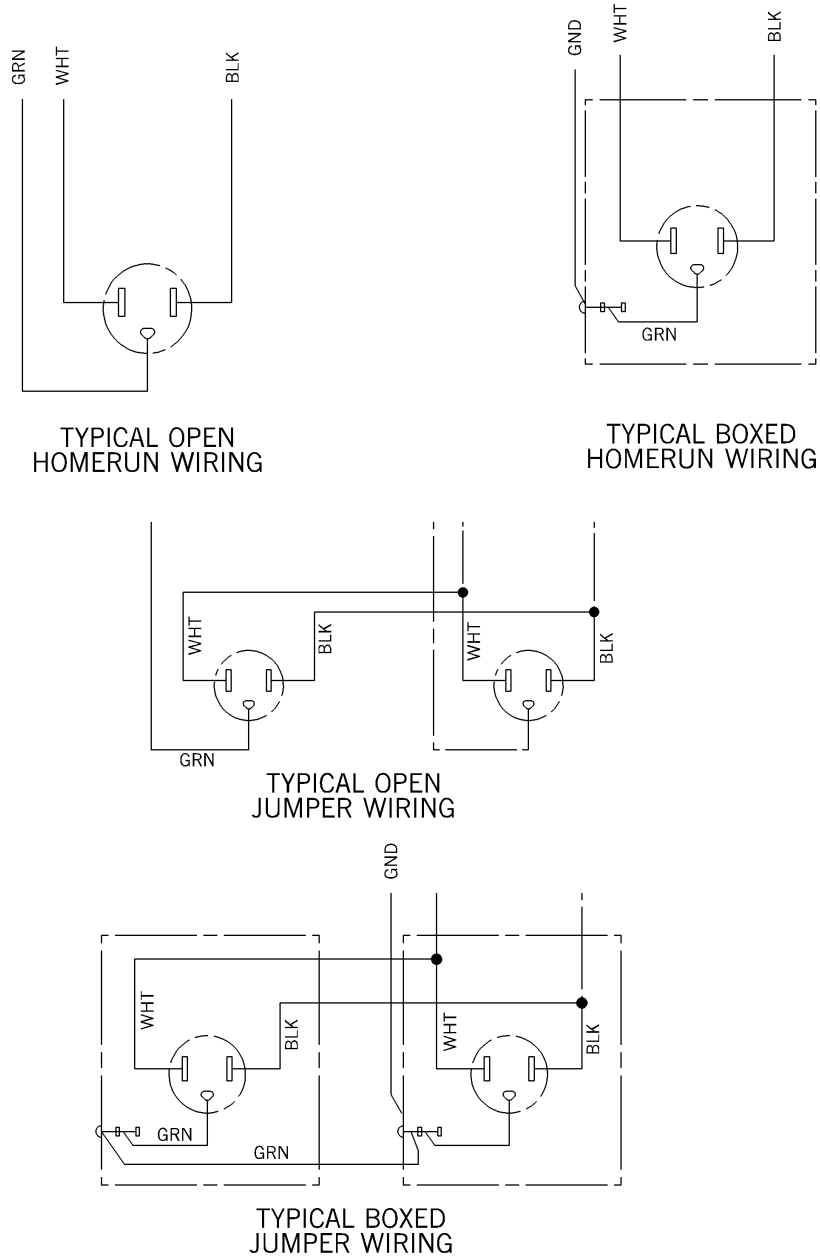
TYPICAL GND PWR
TWO 3-WAY

3

m148_008

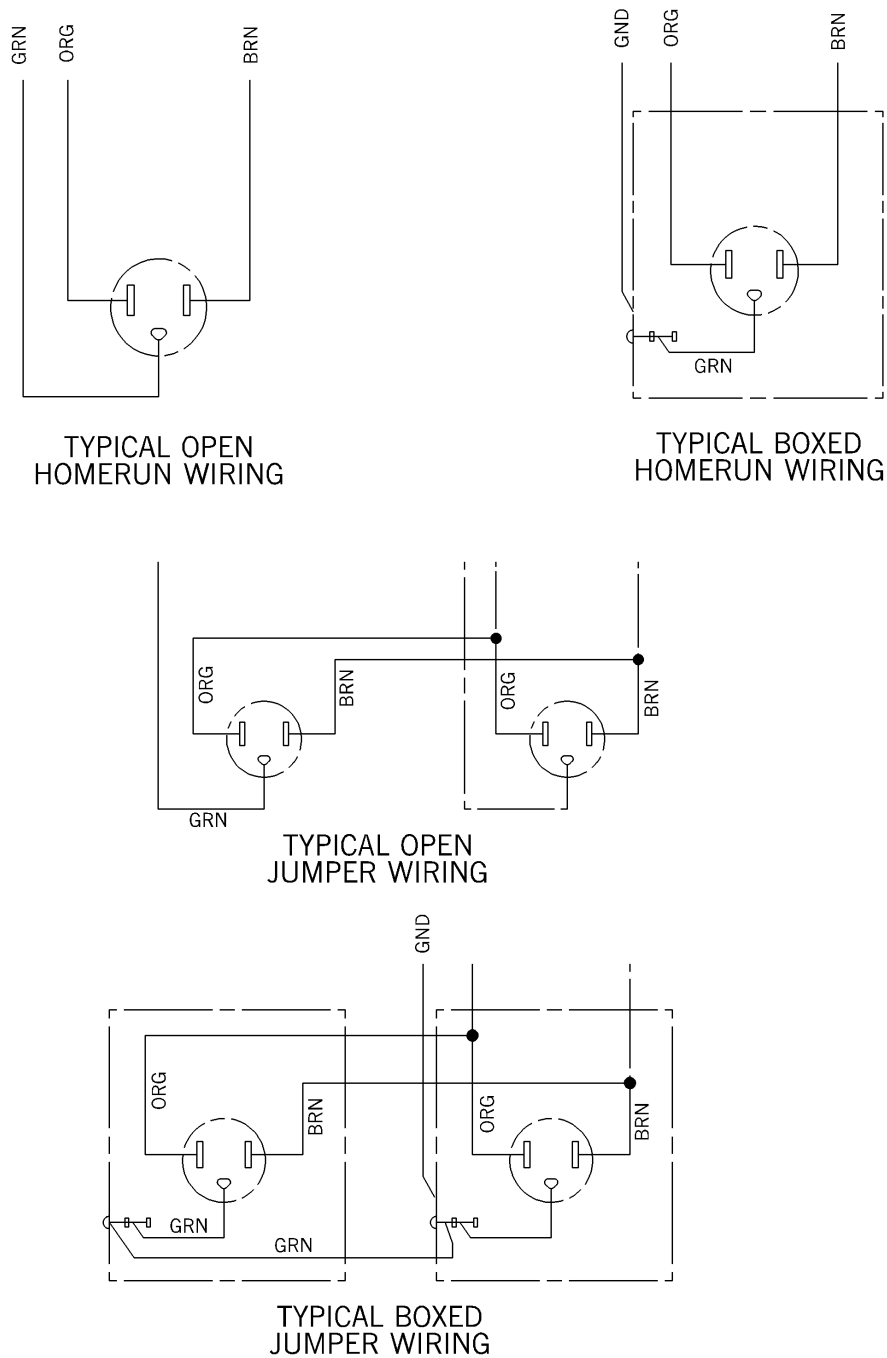
Power Receptacles

Figure 3-4. Grounded Power Receptacles



m148_009

Figure 3-5. Isolated Power Receptacles

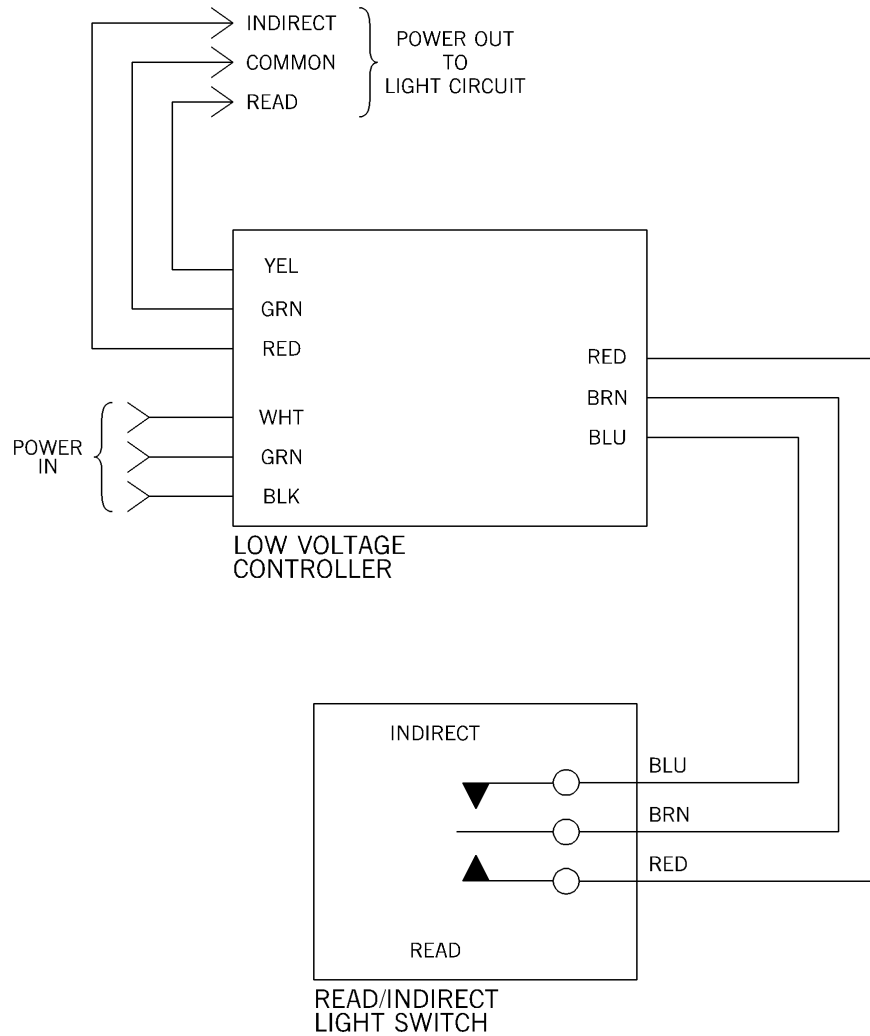


3

m148_010

Low Voltage Wiring Diagrams

Figure 3-6. Low Voltage Wiring Diagrams



m148_011

Console and Chase Theory

Console Raceway

When not equipped with the optional vertical service chase, the Integris® 2001 Headwall System is supplied with standard power, emergency power, and communications from electrical boxes mounted in the wall. Medical gases are supplied directly from the wall into the console raceway.

Vertical Service Chase

If the optional vertical chase is used, electrical power, communications, and medical gases are supplied through the raceway from the ceiling to the Integris® 2001 Headwall System console raceway. The chase may be mounted on the right or left end of the Integris® 2001 Headwall System.

Circuit Protection

Standard circuit protection is through the building circuit breaker panel.

Communications

Communications, consisting of code blue, nurse call, and telephone, are supplied by low voltage wiring through the raceway.

Medical Gases

Medical gases are supplied from the building facilities through copper tubing. Oxygen and air use ½" (12.7 mm) inside diameter tubing, and vacuum uses ¾" (19.1 mm) inside diameter.

NOTES:

Chapter 4

Removal, Replacement, and Adjustment Procedures

Chapter Contents

Duplex Receptacle	4 - 3
Removal	4 - 3
Replacement	4 - 4
Single Receptacle	4 - 5
Removal	4 - 5
Replacement	4 - 6
Dimmer Switch	4 - 7
Removal	4 - 7
Replacement	4 - 8
Line Voltage Switch	4 - 9
Removal	4 - 9
Replacement	4 - 10
Ground Jack Receptacle	4 - 11
Removal	4 - 11
Replacement	4 - 12
Chart Light Bulb	4 - 13
Removal	4 - 13
Replacement	4 - 14
Chart Light Switch	4 - 15
Removal	4 - 15
Replacement	4 - 15

Timed Light Switch and Toggle Switch	4 - 17
Removal	4 - 17
Replacement	4 - 18
Adjustment	4 - 18
Indirect/Read Light Switch	4 - 20
Removal	4 - 20
Replacement	4 - 21
Low Voltage Controller	4 - 22
Removal	4 - 22
Replacement	4 - 23

4.1 Duplex Receptacle

Tools required: Screwdriver

Phillips head screwdriver

Removal

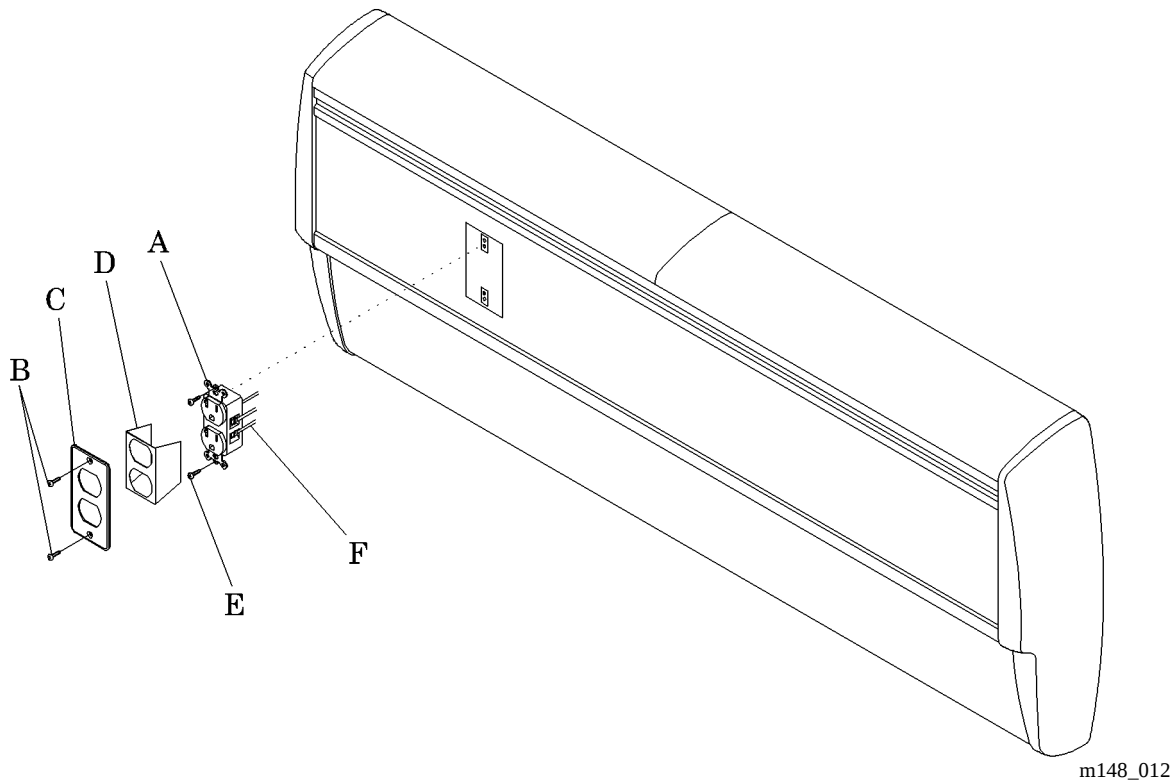


SHOCK HAZARD:

Locate the involved building circuit breaker panel. Set the involved circuit breaker to OFF. Lock out and tag out the breaker. Failure to follow this procedure could result in personal injury or equipment damage.

1. Set the involved circuit breaker to OFF.
2. Lock out and tag the circuit breaker.
3. Using the phillips head screwdriver, remove the screws (B) from the duplex receptacle faceplate (C) (see figure 4-1 on page 4-3).

Figure 4-1. Duplex Receptacle Removal



4. Remove the faceplate (C) and insulator (D), if so equipped.

5. Remove the duplex receptacle attaching screws (E).
6. Pull the receptacle (A) out of the opening in the raceway.
7. Using the screwdriver, loosen the screws holding the wires (F).
8. Note the colors of the wires and their location.
9. Remove the wires from the terminals.

Replacement

1. Replace the color-coded wires (F) at their original terminals.
2. Tighten the terminal screws.
3. Push the receptacle (A) into the raceway.
4. Install the screws (E), and tighten them.
5. Install the insulator (D), if so equipped, and the faceplate (C) onto the raceway.
6. Install and tighten the screws (B).
7. Remove the out-of-service tags.
8. Turn the circuit breaker ON.
9. Test the receptacle (A) for availability of power.

4.2 Single Receptacle

Tools required: Screwdriver

Phillips head screwdriver

Removal

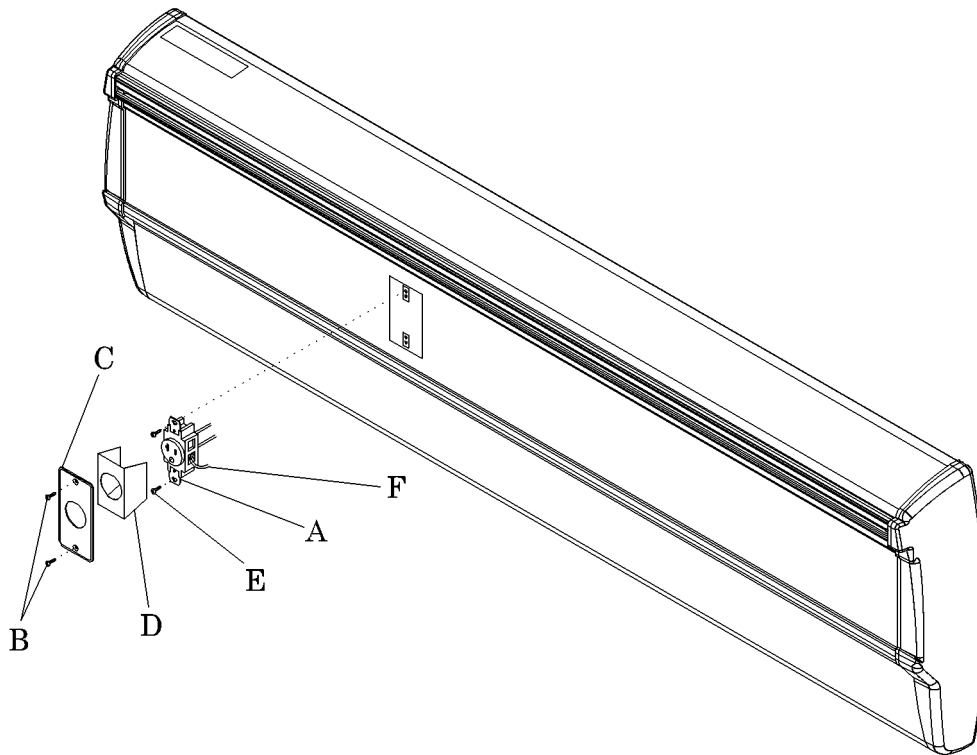


SHOCK HAZARD:

Locate the involved building circuit breaker panel. Set the involved circuit breaker to OFF. Lock out and tag out the breaker. Failure to follow this procedure could result in personal injury or equipment damage.

1. Set the involved circuit breaker to OFF.
2. Lock out and tag the circuit breaker.
3. Using the phillips head screwdriver, remove the screws (B) and the faceplate (C) from the single receptacle device plate (see figure 4-2 on page 4-5).

Figure 4-2. Single Receptacle Removal



m148a013

4. Remove the insulator (D), if so equipped.
5. Loosen the receptacle screws (E) until the receptacle (A) will pull away from the device plate.
6. Note and record the positions of the color-coded wires (F).
7. Using the screwdriver, loosen the wire terminal screws just enough to remove the wires (F) from the receptacle (A).

Replacement

1. Install the color-coded wires (F) to the proper terminals on the receptacle (A).
2. Tighten the terminal screws on the receptacle (A).
3. Align the receptacle screws (E) with the holes in the raceway, and install the receptacle (A) on the raceway.
4. Install the insulator (D), if so equipped.
5. Install the faceplate (C) with screws (B) on the raceway.
6. Remove the lock out and out-of-service tags.
7. Set the circuit breaker to the ON position.
8. Test the receptacle (A) for availability of power.

4.3 Dimmer Switch

Tools required: Screwdriver

Phillips head screwdriver

Removal

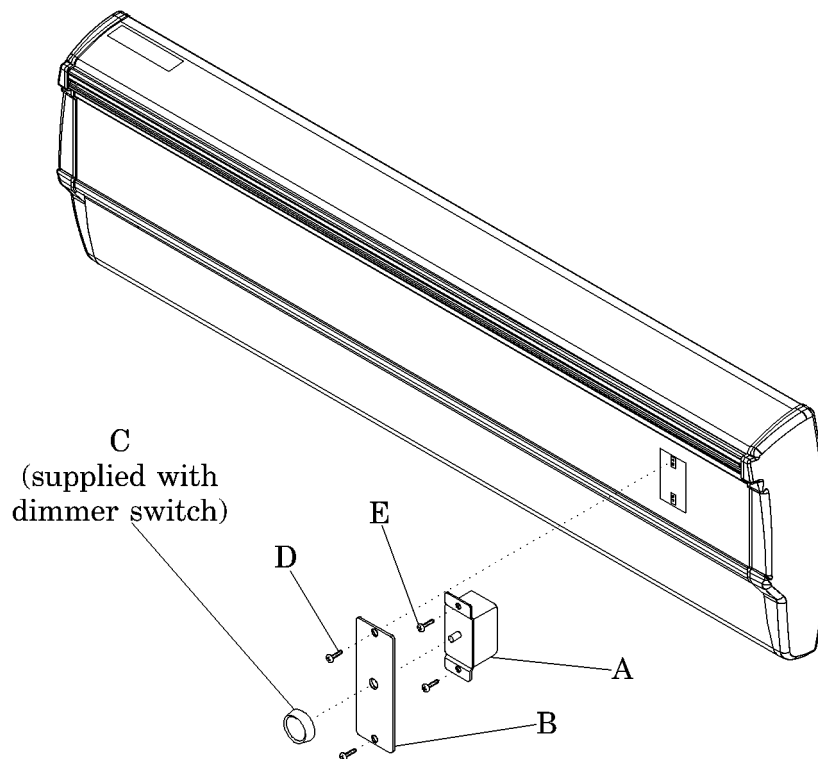


SHOCK HAZARD:

Locate the involved building circuit breaker panel. Set the involved circuit breaker to OFF. Lock out and tag out the breaker. Failure to follow this procedure could result in personal injury or equipment damage.

1. Set the involved circuit breaker to OFF.
2. Lock out and tag the circuit breaker.
3. Remove the dimmer switch knob (C) (see figure 4-3 on page 4-7).

Figure 4-3. Dimmer Switch Removal



m148a001

4. Using the phillips head screwdriver, remove the faceplate screws (D) and the faceplate (B).

5. Take out the switch raceway retaining screws (E), and remove the switch (A).
6. Remove the wire nuts from the switch (A) wires.

NOTE:

Both wires are black.

7. Remove the switch (A) from the headwall.

Replacement

1. Place the wires in their original positions on the switch (A).
2. Tighten the terminal screws to hold the wires firmly in place.
3. Install the switch (A) with retaining screws (E) on the raceway.
4. Tighten the retaining screws (E).
5. Place the faceplate (B) on the raceway.
6. Install and tighten the retaining screws (D).
7. Place the part in the raceway.
8. Install the dimmer switch knob (C) on the shaft.
9. Remove the lock out and out-of-service tags.
10. Set the building circuit breaker to the ON position.
11. Test the switch (A) to ensure it is operational.

4.4 Line Voltage Switch

Tools required: Screwdriver

Phillips head screwdriver

Removal

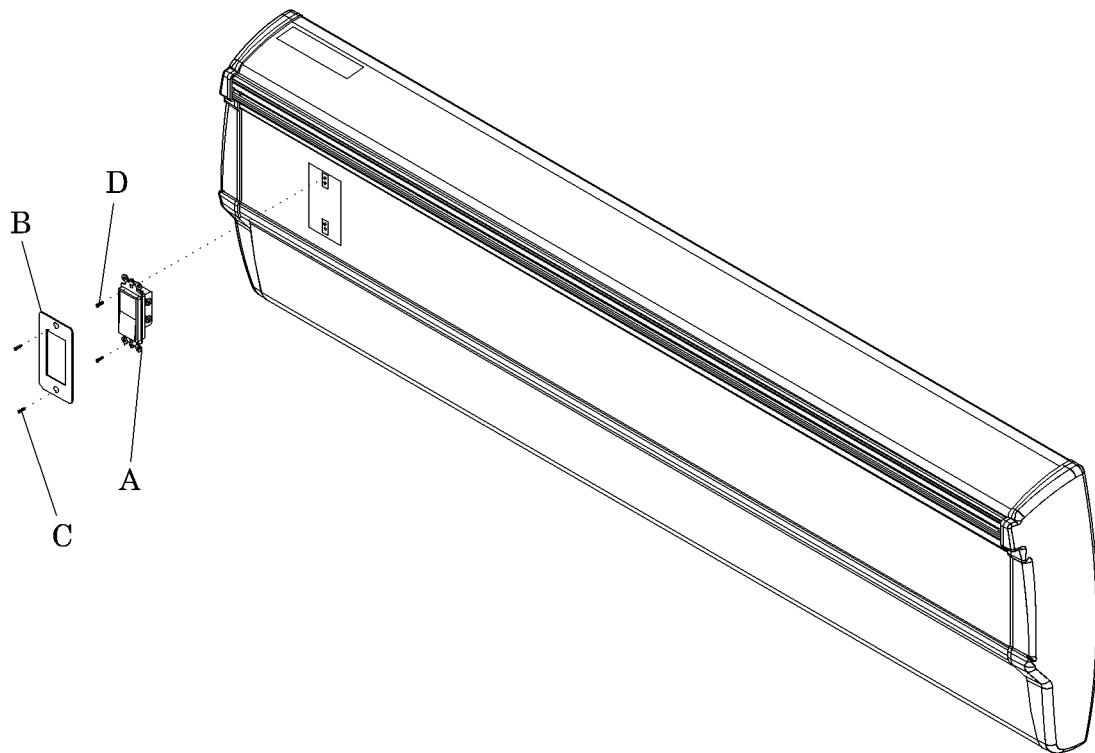


SHOCK HAZARD:

Locate the involved building circuit breaker panel. Set the involved circuit breaker to OFF. Lock out and tag out the breaker. Failure to follow this procedure could result in personal injury or equipment damage.

1. Set the involved circuit breaker to OFF.
2. Lock out and tag the circuit breaker.
3. Using the phillips head screwdriver, remove the faceplate screws (C) and the faceplate (B) (see figure 4-4 on page 4-9).

Figure 4-4. Line Voltage Switch Removal



m148a014

4. Take out the switch raceway retaining screws (D), and remove the switch (A).
5. Record the positions of the color-coded wires on the switch terminals.
6. Using the screwdriver, loosen the terminal screws on the switch, and remove the wires from the switch (A).

Replacement

1. Place the color-coded wires in their original positions on the switch (A).
2. Tighten the terminal screws to hold the wires firmly in place.
3. Install the switch (A) on the raceway.
4. Install and tighten the retaining screws (D).
5. Place the faceplate (B) on the raceway.
6. Install and tighten the retaining screws (C).
7. Remove the lock out and out-of-service tags.
8. Set the circuit breaker to the ON position.
9. Test the switch (A) to ensure it is operational.

4.5 Ground Jack Receptacle

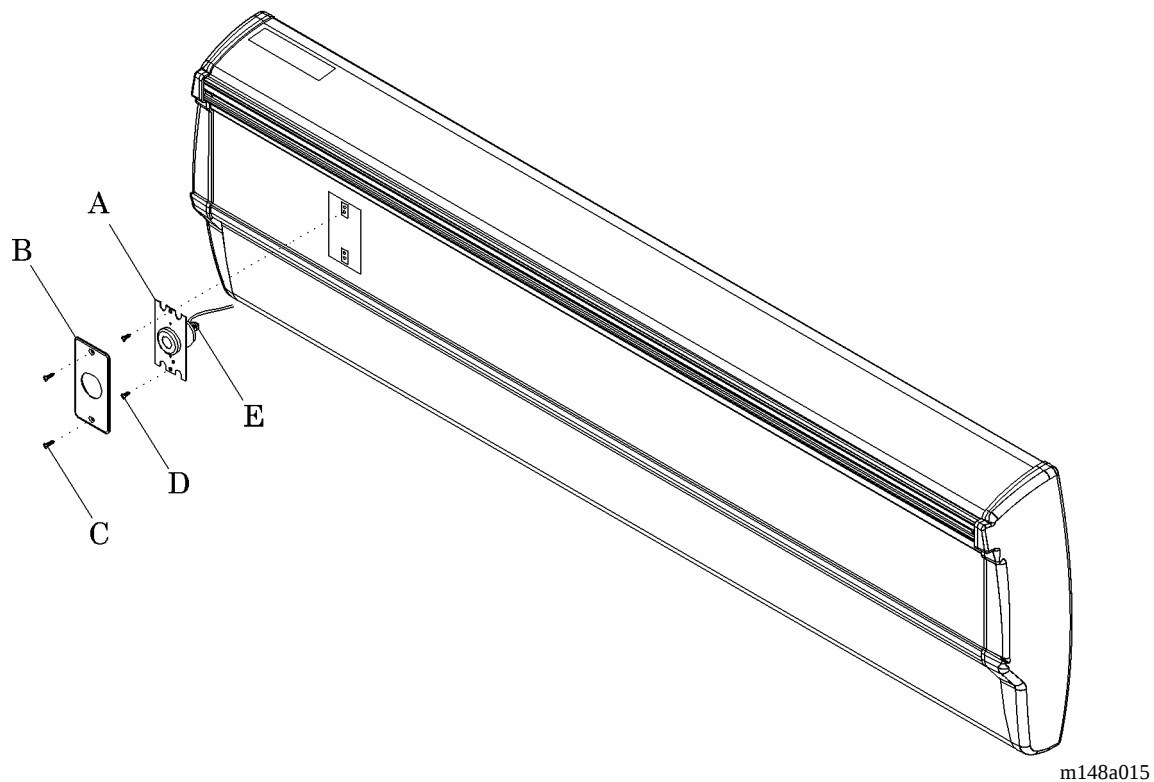
Tools required: Screwdriver

Phillips head screwdriver

Removal

1. Using the phillips head screwdriver, remove the screws (C) and the faceplate (B) from the raceway (see figure 4-5 on page 4-11).

Figure 4-5. Ground Jack Receptacle Removal



2. Using the phillips head screwdriver, remove the ground mounting plate screws (D), and pull the receptacle away from the raceway.
3. Using the screwdriver, loosen the ground wire fastener (E) just enough to remove the ground wire from the receptacle (A).

Replacement

1. Connect the ground wire to the receptacle terminal, and tighten the fastener (E).
2. Align the receptacle ground plate with the device plate.
3. Install and tighten the screws (D).
4. Install the faceplate (B) with screws (C) on the raceway.
5. Test for availability of ground with a digital multimeter.

4.6 Chart Light Bulb

Tools required: Phillips head screwdriver

Removal

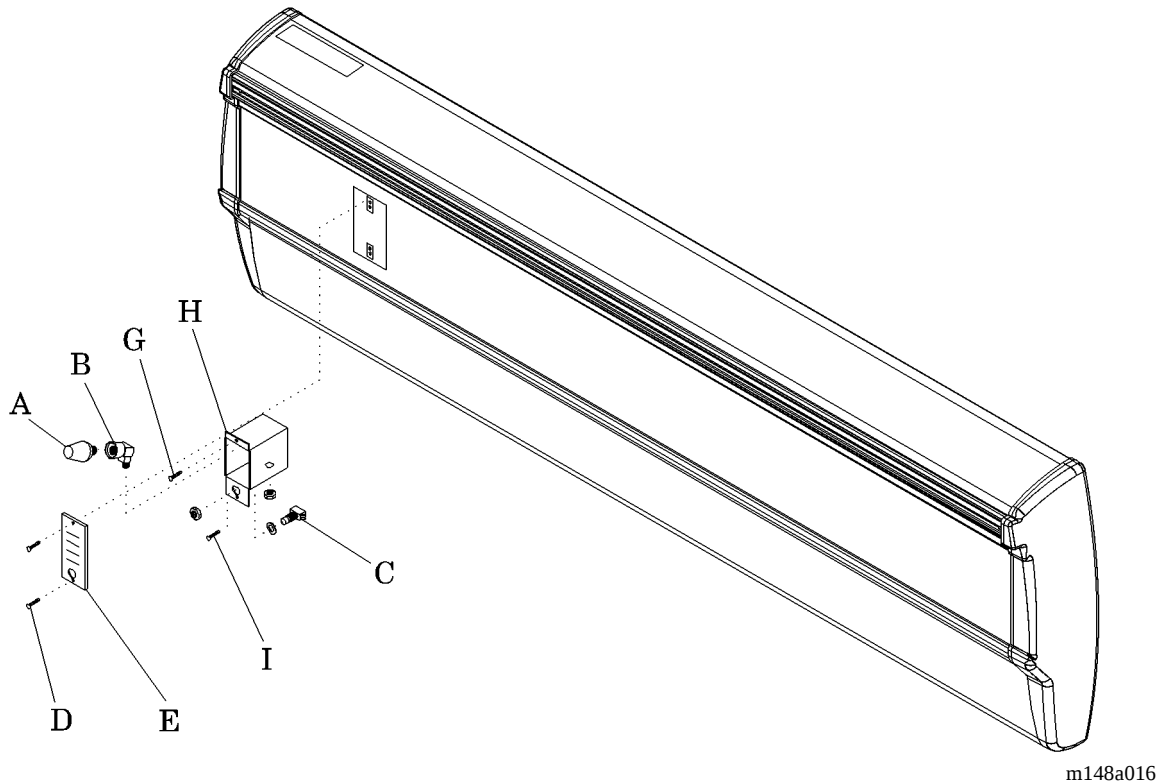


SHOCK HAZARD:

Locate the involved building circuit breaker panel. Set the involved circuit breaker to OFF. Lock out and tag out the breaker. Failure to follow this procedure could result in personal injury or equipment damage.

1. Set the involved circuit breaker to OFF.
2. Lock out and tag the circuit breaker.
3. Using the phillips head screwdriver, remove the screws (D) and the chart faceplate (E) from the raceway (F) (see figure 4-6 on page 4-13).

Figure 4-6. Chart Light Bulb and Switch Replacement



4. Remove the light bulb (A) from the fixture (B).

Replacement

1. Install the new light bulb (A) in the fixture (B).
2. Install the screws (D) and faceplate (E) on the raceway (F).
3. Remove the lock out and out-of-service tags.
4. Set the circuit breaker to the ON position.
5. Check the chart light to ensure it is operational.

4.7 Chart Light Switch

Tools required: Phillips head screwdriver Screwdriver
Adjustable wrench

Removal



SHOCK HAZARD:

Locate the involved building circuit breaker panel. Set the involved circuit breaker to OFF. Lock out and tag out the breaker. Failure to follow this procedure could result in personal injury or equipment damage.

1. Set the involved circuit breaker to OFF.
2. Lock out and tag the circuit breaker.
3. Using the phillips head screwdriver, remove the screws (D) and the chart light faceplate (E) from the raceway (F) (see figure 4-6 on page 4-13).
4. Using the screwdriver, remove the backbox attaching screws (G) from the backbox (H), and pull the backbox (H) away from the raceway (F).
5. Using the adjustable wrench, remove the hex nut (I) from the base of the switch (C).
6. Pull the switch (C) away from the backbox (H).
7. Remove the wires from the switch terminals.

4

Replacement

1. Install the wires on the switch (C).
2. Tighten the terminal screws.
3. Insert the switch (C) into the backbox (H), and install the attaching nut (I).
4. Install the backbox (H) with screws (G) to the raceway (F).
5. Install the screws (D) and faceplate (E) on the raceway (F).
6. Remove the lock out and out-of-service tags.
7. Set the circuit breaker to the ON position.

8. Turn the switch on to ensure that the chart light is operating.

4.8 Timed Light Switch and Toggle Switch

Tools required: Phillips head screwdriver Screwdriver

Removal

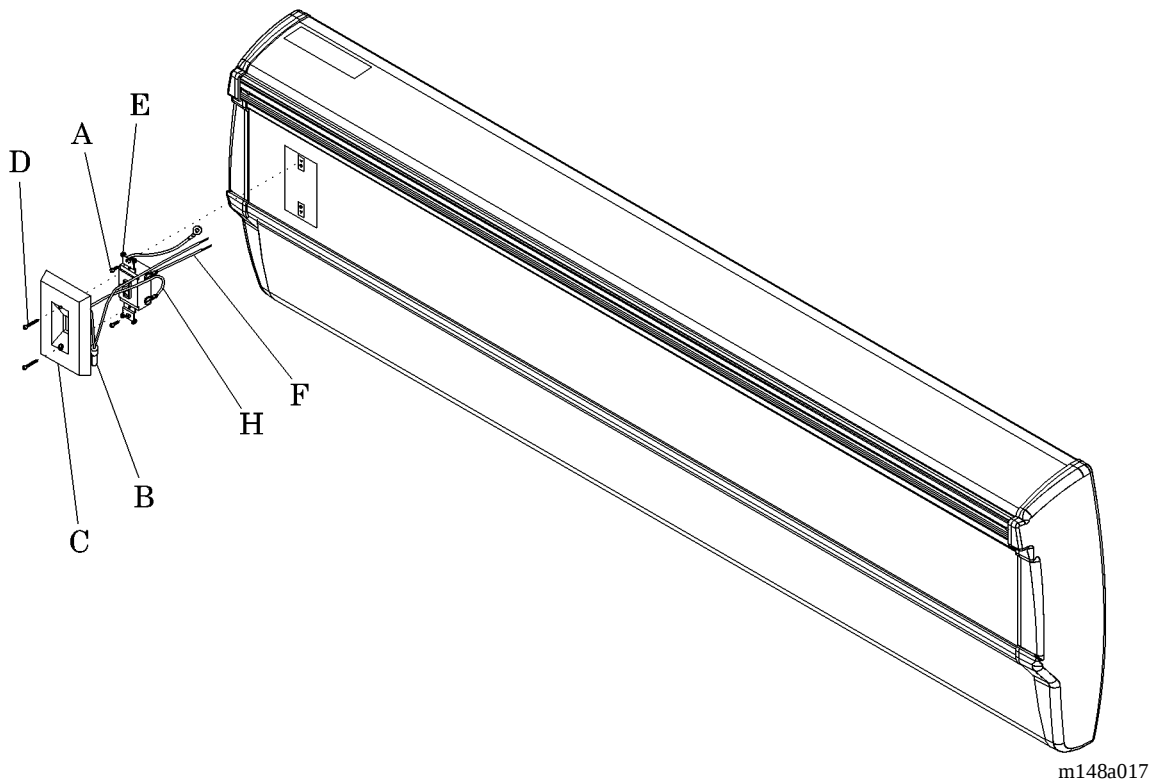


SHOCK HAZARD:

Locate the involved building circuit breaker panel. Set the involved circuit breaker to OFF. Lock out and tag out the breaker. Failure to follow this procedure could result in personal injury or equipment damage.

1. Set the involved circuit breaker to OFF.
2. Lock out and tag the circuit breaker.
3. Using the phillips head screwdriver, remove the timed light switch mounting screws (D) (see figure 4-7 on page 4-17).

Figure 4-7. Timed Light Switch and Toggle Switch



4. Pull the timed light switch (C) away from the raceway (G).

5. Remove the wire nut (B) from the timed light switch ground wire.
6. Using the phillips head screwdriver, remove the two toggle switch mounting screws (A).
7. Pull the toggle switch (E) away from the raceway (G).
8. Using the screwdriver, loosen the screws holding the toggle switch wires (F) and timed light switch wire (H).
9. Remove the wires from the toggle switch (E).

Replacement

1. Connect the power supply wires (F) to the toggle switch screws.
2. Tighten the screws.
3. Connect the timed light switch wire (H) to the toggle switch screw.
4. Tighten the screw.
5. Insert the toggle switch (E) in the raceway (G), and align the screw holes.
6. Install and tighten the two toggle switch mounting screws (A).
7. Connect the timed light switch ground wire with the wire nut (B).
8. Install the timed light switch (C) with mounting screws (D) in the raceway (G).
9. Tighten the screws (D).
10. Remove the lock out and out-of-service tags.
11. Set the circuit breaker back to the ON position.
12. Test the timed light switch (C) and toggle switch (E) to ensure it is operational.

Adjustment

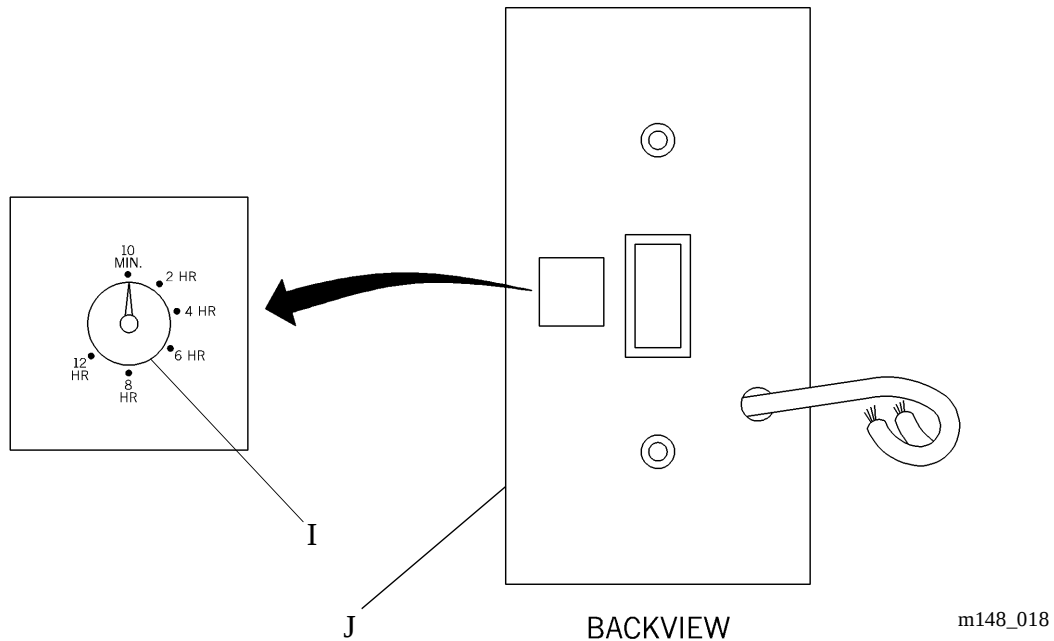
NOTE:

The timed light switch is adjustable from 10 minutes to 12 hours.

1. Remove the screws (D) and timed light switch (C).

2. Locate the dial (I) on the back of the cover (see figure 4-8 on page 4-19).

Figure 4-8. Light Switch Timer Adjustment



3. Adjust the dial (I) to the desired setting between 10 minutes and 12 hours.
4. Replace the cover (J), and check for the proper delay after switching the light off.

4.9 Indirect/Read Light Switch

Tools required: Phillips head screwdriver Screwdriver

Removal

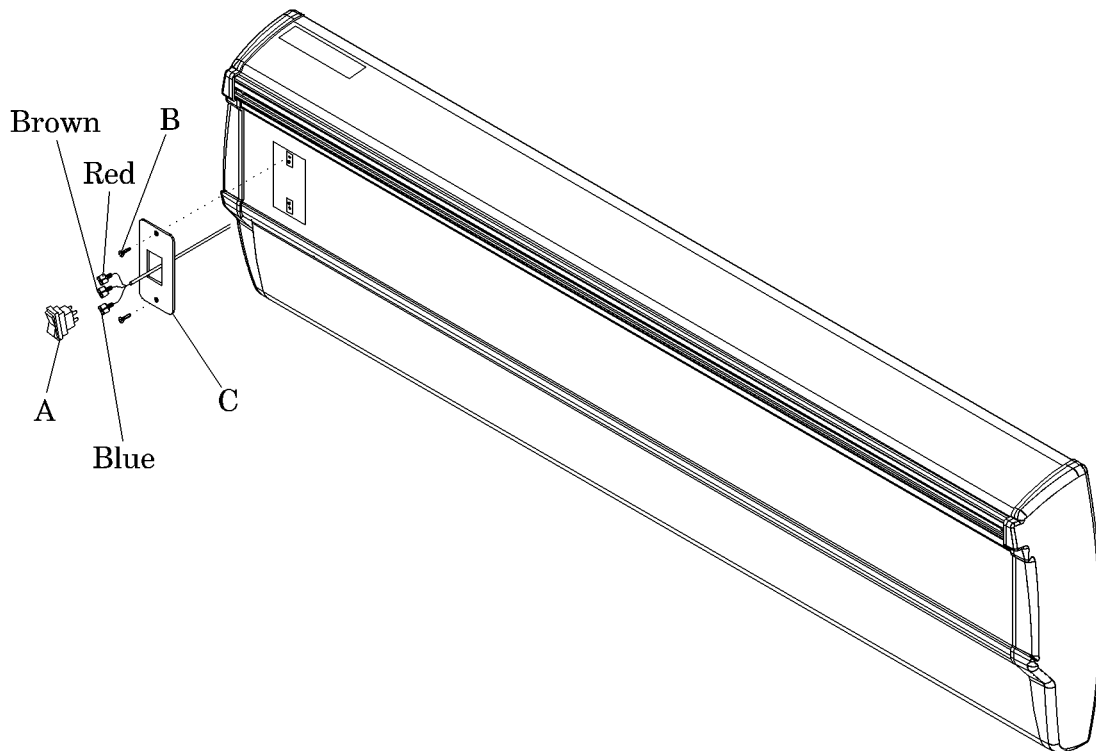


SHOCK HAZARD:

Locate the involved building circuit breaker panel. Set the involved circuit breaker to OFF. Lock out and tag out the breaker. Failure to follow this procedure could result in personal injury or equipment damage.

1. Set the involved circuit breaker to OFF.
2. Lock out and tag the circuit breaker.
3. Using the phillips head screwdriver, remove the two screws (B) from the indirect/read light switch faceplate (C) (see figure 4-9 on page 4-20).

Figure 4-9. Indirect/Read Light Switch



m148a019

4. Note the color of the wires as you disconnect the three wires from the back of the switch.
5. Remove the switch (A) from the faceplate (C).

Replacement

1. Install the switch (A) on the faceplate (C).
2. Install the three wires on the back of the switch locating, the colors as noted during removal.
3. Install the faceplate (C) with screws (B) on the raceway.
4. Tighten the screws.
5. Remove the lockout and out-of-service tags.
6. Set the circuit breaker to the ON position.
7. Test the switch to ensure it is operational.

4.10 Low Voltage Controller

Tools required: Adjustable wrench Screwdriver
 Phillips head screwdriver

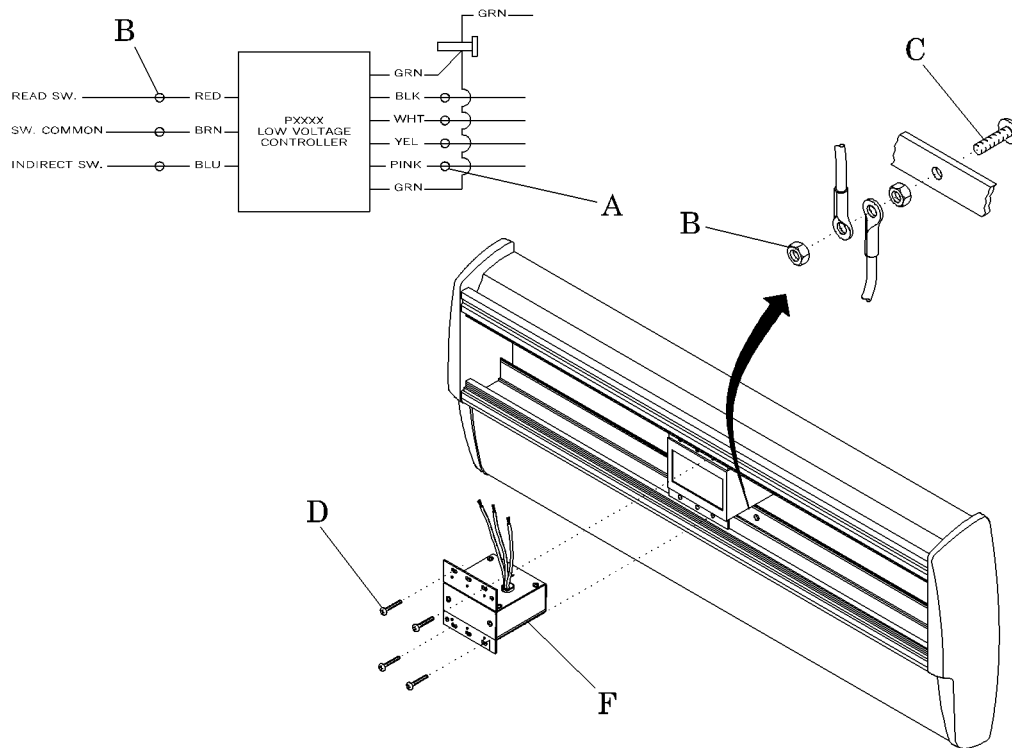
Removal



SHOCK HAZARD:

Locate the involved building circuit breaker panel. Set the involved circuit breaker to OFF. Lock out and tag out the breaker. Failure to follow this procedure could result in personal injury or equipment damage.

1. Set the involved circuit breaker to OFF.
2. Lock out and tag the circuit breaker.
3. Gain access to the low voltage controller.
4. Remove the three wire nuts (E) from the wire joints leading to the raceway (see figure 4-10 on page 4-23).

Figure 4-10. Low Voltage Controller Removal

m148a021

5. Separate the three wire joints.
6. Remove the four wire nuts (A) from the wires on the high voltage side of the controller.
7. Separate the four wires.
8. Using the adjustable wrench, remove the nut (B) from the ground stud (C), and remove the two ground wires.
9. Using the phillips head screwdriver, remove the low voltage controller mounting screws (D) and the controller (F) from the receptacle box.

Replacement

1. Make sure the replacement low voltage controller (F) has the same part number as the one removed.
2. Insert the low voltage controller (F) into the receptacle box.

3. Install the mounting screws (D).
4. Tighten the screws.
5. Insert the two ground wires on the ground stud (C), and tighten the screws.
6. Connect the four wires to the high voltage side of the controller (F).
7. Install and tighten the four wire nuts (A).
8. Connect the three wires to the wires leading to the raceway.
9. Install and tighten the three wire nuts (E).
10. Remove the lockout and tagout from the building circuit breaker.
11. Set the building circuit breaker back to the ON position.
12. Perform functional check of the low voltage controller (F).

Chapter 5

Parts List

Chapter Contents

Warranty	5 - 5
Service Parts Ordering	5 - 7
Exchange Policy	5 - 9
In-Warranty Exchanges	5 - 9
Out-of-Warranty Exchanges.....	5 - 9
Recommended Spare Parts	5 - 9
Raceway Options—P2001	5 - 10
Raceway Options—P2001B	5 - 12
End Cap Option—P2001	5 - 14
End Cap Option—P2001B	5 - 16
Raceway Fascia Option (P/N M204126) P2001B	5 - 18
Chaseless J-Box In Raceway—P2001	5 - 20
Chaseless J-Box in Raceway—P2001B	5 - 22
Chase Assembly—P2001	5 - 24
Shroud Assembly—P2001	5 - 26
Chase Assembly and Shroud with Breaker Panel—P2001B	5 - 28
Chase Assembly and Shroud—P2001B	5 - 32
Backbox, 1 Gang Through 8 Gang—P2001.....	5 - 36
Device Mount, 1 Gang through 5 Gang—P2001B.....	5 - 38
Top Cap Options—P2001.....	5 - 40
Gas Pipe Cover Option—P2001.....	5 - 42
Gas Pipe Cover Option—P2001B	5 - 44
Gas Outlet Provision—P2001B	5 - 46

Duplex Outlet Receptacles	5 - 48
Single Outlet Receptacles	5 - 50
Line Voltage Switch	5 - 52
Ground Receptacles	5 - 54
Chart Light	5 - 56
Timed Light Switch	5 - 58
Gas Outlets, Allied	5 - 60
Gas Outlets, Universal Type	5 - 62
Gas Outlets, Ohio Medical	5 - 66
Gas Outlets, Oxequip®	5 - 68
Gas Manifold Assembly (M200230)	5 - 70
Low Voltage Switch	5 - 72
IV Hanger, Slide Mounted (P971H00) P2001	5 - 74
Mercury Sphygmomanometer (P977-00) and Aneroid Sphygmomanometer (P978-01) P2001	5 - 76
Cuff Basket (P102802) P2001	5 - 78
Large Storage Basket (P1029L2) P2001	5 - 80
Universal Holder (P102302) P2001	5 - 82
Utility/Bottle Slide Mount (P1020A1) P2001	5 - 84
Low Voltage Controller Option	5 - 86
Accessory Bar Assembly—P2001B	5 - 88
Support Arm Assembly (P170001-01) P2001B	5 - 92
Utility Mount, Single Post (P170003-01) P2001B	5 - 94
Utility Mount, Dual Post (P170004-01) P2001B	5 - 96
Utility/Universal Holder, Short Post (P170005-01) P2001B	5 - 98
Universal Holder Assembly, Small (P170006-01) P2001B	5 - 100
Swing Arm Ventilator Mount (P170008-01) P2001B	5 - 102
Resuscitator Bag Holder Assembly (P170009-01) P2001B	5 - 104
IV/Resuscitator Hanger Assembly (P170010-01) P2001B	5 - 106
Stackable Basket Assembly (P170101-01) P2001B	5 - 108
Storage Basket—Large, Divided-Up (P170102-01) P2001B	5 - 110

Storage Basket—Large, Divided-Up (P170102-02) P2001B.....	5 - 112
Storage Basket (P170103-01) P2001B.....	5 - 114
Storage Basket (P170103-02) P2001B.....	5 - 116
Basket Assembly (P170104-01) P2001B.....	5 - 118
Storage Basket (P170104-02) P2001B.....	5 - 120
CC Basket Assembly, Swivel (P170105-01) P2001B.....	5 - 122
Chart Holder, Stackable (P170110-01) P2001B.....	5 - 124
Chart Holder, Wire (P170111-01) P2001B.....	5 - 126
Sharps Mount Assembly (P170120-01) P2001B.....	5 - 128
Glove Box Holder Assembly (P170130-01) P2001B.....	5 - 130
Utility Shelf Assembly, Large (P170201-01) P2001B.....	5 - 132
Charting Shelf Assembly (P170202-01) P2001B.....	5 - 134
Hinged Mayo Tray, Small (P170203-01) P2001B.....	5 - 136
Hinged Mayo Tray, Large (P170204-01) P2001B.....	5 - 138
Luxo Incandescent Light Assembly (P170303-01) P2001B.....	5 - 140
Luxo Incandescent/Fluorescent Light Assembly (P170304-01) P2001B.....	5 - 142
Utility Light Assembly (P170305-01) P2001B.....	5 - 144
Utility Light Mount Assembly (P170307-01) P2001B.....	5 - 146
Otoscope Mount Assembly—747 (P170402-01) P2001B.....	5 - 148
Speculum Holder Assembly (P170404-01) P2001B.....	5 - 150
Aneroid Sphygmo Mount Assembly (P170410-01) P2001B.....	5 - 152
Aneroid Sphygmo Assembly (P170411-01) P2001B.....	5 - 154
7670 Assembly (P170412-01) P2001B.....	5 - 156
Mount Thermometer and 7670 Assembly (P170413-01/P170420-01) P2001B.....	5 - 158
Mercury Mount and Equipment Assembly (P170414-01) P2001B.....	5 - 160
Mercury Sphygmo Assembly (P170415-01) P2001B.....	5 - 162
Cuff Basket Assembly (P170416-01) P2001B.....	5 - 164
Cuff Basket Mount Assembly (P170417-01) P2001B.....	5 - 166
Utility Hook Assembly (P170418-01) P2001B.....	5 - 168
Conchatherm® Mount Assembly (P170430-01) P2001B.....	5 - 170

Puritan-Bennett® Cascade Humidifier Holder (P170431-01) P2001B	5 - 172
Stat Clock Assembly (P170440-01) P2001B	5 - 174
Monitor Mount Assembly (P170501-01) P2001B	5 - 176
Monitor Arm Track Mount (P170502-01) P2001B	5 - 178
Monitor Mounting Kit (P170503-01) P2001B	5 - 180
Rack Mount Assembly (P170504-01) P2001B	5 - 182
Television Arm Mount, RCA® (P170510-01) P2001B	5 - 184
Television Arm Mount (P170511-01) P2001B	5 - 186
Television Arm Mount Bunting (P170512-01) P2001B	5 - 188
Bed Bumper Set (P170601-01) P2001B	5 - 190
Extended Bird® Blender Assembly (P170703-01) P2001B	5 - 192
Cable Organizer Assembly (P170720-01) P2001B	5 - 194
Cord Wrap, Horizontal (P170730-01) P2001B	5 - 196

Warranty

HILL-ROM, INC. LIMITED WARRANTY

Hill-Rom, Inc. (Hill-Rom) has a long tradition of providing superior products and service to our customer. Our goal is "Total Customer Satisfaction". In that spirit, Hill-Rom is proud to offer the following warranty.

GENERAL WARRANTY (APPLICABLE UNLESS A SPECIFIC WARRANTY IS LISTED)

Hill-Rom warrants to the original purchaser that its products and replacement parts shall be free from defects in material and workmanship for a period of one (1) year from date of delivery. Hill-Rom's obligation under this warranty is expressly limited to supplying replacement parts and/or service for, or replacing, at its option, any product which is, in the sole discretion of Hill-Rom, found to be defective. In addition to the foregoing one year warranty, Hill-Rom warrants to the original purchaser that the frame and welds on its products will be free from structural defects for the life of the product. Any product upgrade or modification initiated by Hill-Rom does not affect the original product warranty.

SPECIFIC WARRANTIES

MATTRESS WARRANTIES

Hill-Rom warrants to the original purchaser that its mattress product shall be free from defects in material and workmanship for a period of two (2) years from date of delivery. However, electro mechanical mattress components (compressors, valves, printed circuit boards, hoses, and couplers) are covered by the general one (1) year warranty.

EXPENDABLES WARRANTIES

A sixty (60) day limited warranty from date of delivery applies to expendable parts such as cushions, coverlets, software diskettes, locator badge batteries, dome light incandescent bulbs, overhead fluorescent tubes, heating elements, temperature probes, filter sheets, and microspheres. This warranty is limited to replacement of the parts covered.

TO OBTAIN PARTS AND SERVICE

In the United States, call Hill-Rom Technical Support Department at (800) 445-3720, Monday through Friday. In Canada, call Hill-Rom Technical Support Department at (800) 267-2337, Monday through Friday. Outside the United States and Canada, call your authorized Hill-Rom Distributor. In order to expedite service, we request you furnish the following information: customer identification number, product model number, serial number, and description of problem. A qualified specialist will provide, via telephone (United States and Canada), or FAX (Outside the United States and Canada), troubleshooting assistance for facility personnel and provide necessary parts to make repairs. If troubleshooting determines the need for on-site technical service, a qualified service representative will be dispatched. Replacement of non-technical items will be the responsibility of the customer. If requested by Hill-Rom, products or parts for which a warranty claim is made shall be returned prepaid to Hill-Rom's factory.

OUT OF WARRANTY EXCHANGE POLICY

After the expiration of the original warranty, upon request, Hill-Rom will ship as a replacement, components such as selected: motors and printed circuit boards, for like units returned to Hill-Rom by the original purchaser at a substantial savings. Please call Hill-Rom Technical Support Department for current pricing.

PARTS AVAILABILITY POLICY

Hill-Rom will offer parts for new and remanufactured products for ten (10) years from date of sale; for communications products for five (5) years from date of sale.

Note: Some original component parts and assemblies may not be available; functional equivalents may be substituted.

THE FOREGOING WARRANTIES ARE EXCLUSIVE AND IN LIEU OF ALL OTHER EXPRESS WARRANTIES AND IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS OF PURPOSE. HILL-ROM'S OBLIGATION UNDER THESE WARRANTIES SHALL NOT INCLUDE ANY LIABILITY FOR LOSS OF PROFITS, DIRECT, INDIRECT OR CONSEQUENTIAL DAMAGES OR DELAYS. Some states, provinces, or countries do not allow the exclusion or

limitation of incidental or consequential damages, so the above exclusion or limitation may not apply. Any improper or negligent use, any alterations or repairs not in accordance with Hill-Rom's manuals or performed by others in such manner as in Hill-Rom's sole judgment affects the product materially and adversely, shall void these warranties. These warranties do not cover failures due to misuse, abuse, neglect, or lack of routine maintenance. No employee or representative of Hill-Rom is authorized to change these warranties in any way or grant any other warranty unless in writing and signed by a Hill-Rom officer. These warranties provide specific legal rights; but, there may be other available rights, which vary from state to state, province to province, or country to country.

Revised October 20, 1998

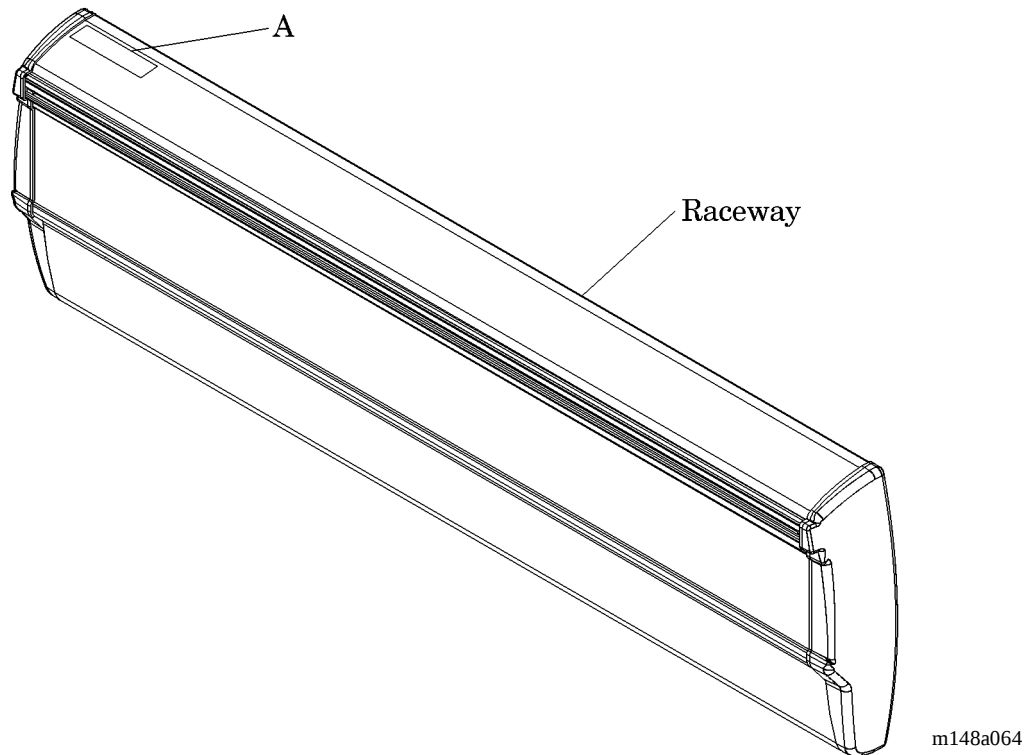
Hill-Rom Company, Inc., 1069 State Route 46 E, Batesville, IN 47006-9167

NOTES:

Service Parts Ordering

Using the parts lists in this manual, identify the part number(s) you require. Find the product number and serial number on the product identification label (A) (see figure 5-1 on page 5-7).

Figure 5-1. Product Identification Label Location



Call Hill-Rom Technical Support at (800) 445-3720 with the following information:

- Six-digit customer account number
- Purchase order number
- Product number
- Serial number
- Part number(s)

To promptly order parts, request part prices and availability, or follow up on a service order, use the following Hill-Rom fax number:

(812) 934-8472

Terms:

- Net 30 days
- F.O.B. Batesville, IN
- Prepaid shipping charges added to invoice
- All orders shipped UPS ground unless specified

Address all inquiries to:

ATTN TECHNICAL SUPPORT—PARTS
HILL-ROM COMPANY, INC.
1069 STATE ROUTE 46 E
BATESVILLE IN 47006-9167

Address all return goods to:

ATTN SERVICE STORES
DISTRIBUTION CENTER DOOR D23
HILL-ROM COMPANY, INC.
COUNTY ROAD 300E
BATESVILLE IN 47006-9167

NOTE:

To eliminate possible delays or incorrect billings, **do not** return any items without a Return Material Authorization (RMA) number. When a return is requested, an RMA packet is included with each order. This packet includes an RMA number, instructions, and a shipping label. If an RMA number is not available, obtain one by phoning Hill-Rom Technical Support at (800) 445-3720.

Exchange Policy

The following are policies for in-warranty and out-of-warranty exchanges.

In-Warranty Exchanges

In some cases, Hill-Rom will request that parts/products be returned for inspection. When this occurs, you are expected to return parts/products within 30 days of receipt of the exchange part. If you fail to return the inoperative parts/products within the 30 day period, Hill-Rom will invoice your facility for the full selling price of the parts/products.

NOTE:

The preceding billing procedure pertains **only** to parts/products that Hill-Rom requests to be returned.

In some cases, the invoice accompanying the parts will show the full selling price (only for internal use at Hill-Rom). Do not confuse this price with your price.

Do not return any parts without an RMA number. When parts/products have been requested to be returned, Hill-Rom will include an RMA packet with the parts/products shipment. If an RMA number is not available, obtain one by phoning Hill-Rom Technical Support at (800) 445-3720.

Out-of-Warranty Exchanges

You are expected to return the inoperative parts/product within 30 days of receipt of the exchange part. Hill-Rom will include an RMA packet with the parts/products shipment. If an RMA number is not available, obtain one by phoning Hill-Rom Technical Support at (800) 445-3720. If you fail to return the equipment within 30 days, Hill-Rom will invoice your facility for **the difference between the exchange price and the new price of the part.**

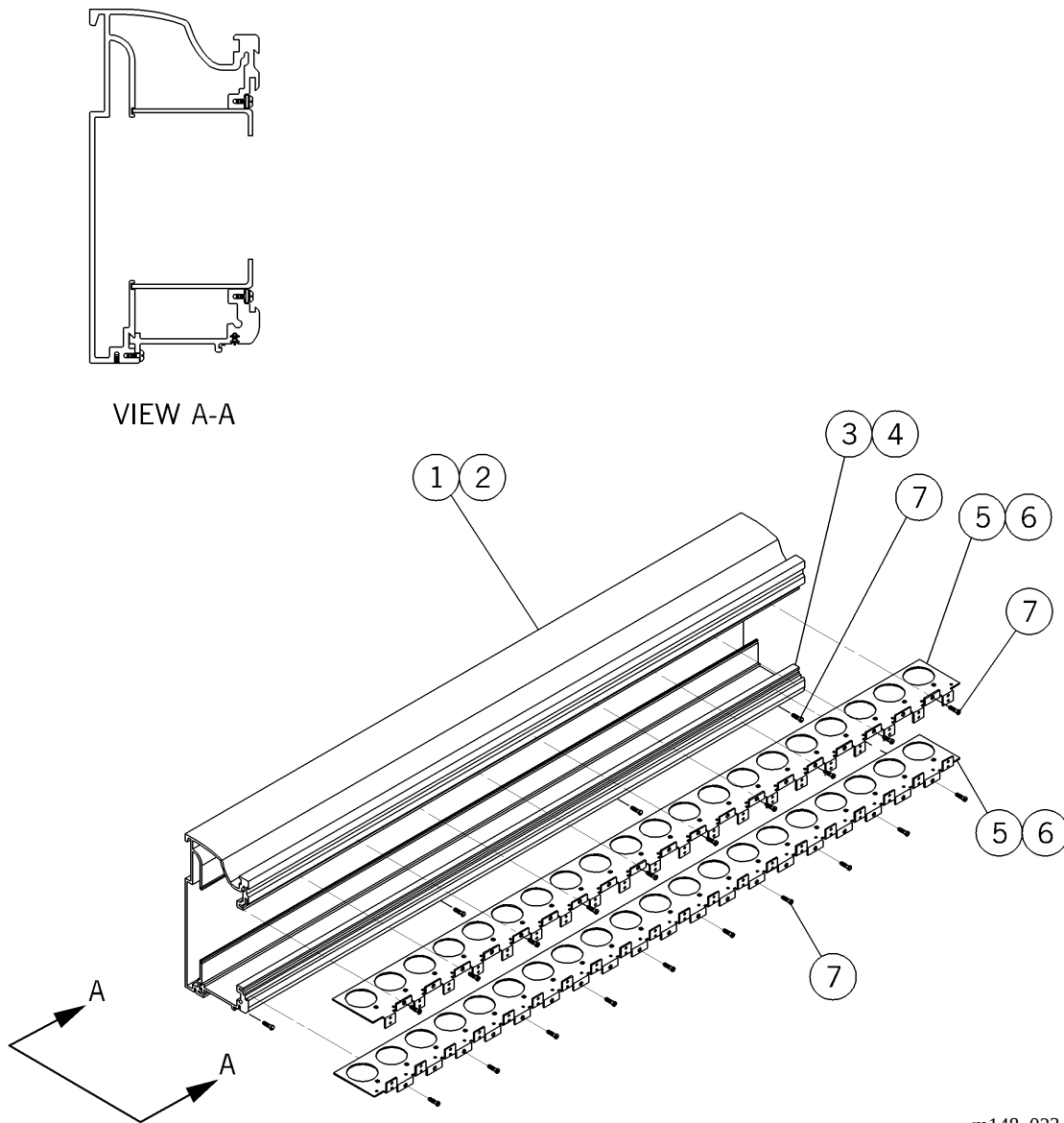
5

Recommended Spare Parts

There are no recommended spare parts for the Integris® 2001 Headwall System.

Raceway Options—P2001

Figure 5-2. Raceway Options—P2001



m148_023

Table 5-1. Raceway Options—P2001

Item Number	Part Number	Quantity	Description
1	SP48701 (2001)§	1	Raceway, short
2	SP48702 (2001)§	1	Raceway, long
3	SP48601 (2001)§	1	Lower cover, short
4	SP48602 (2001)§	1	Lower cover, long
5	SP46601 (2001)	2	Device knock out plate, short
6	SP46602 (2001)	2	Device knock out plate, long
7	52945-03 (2001)	As required	Screw, truss

§ Specify paint color.

Raceway Options—P2001B

Figure 5-3. Raceway Options—P2001B

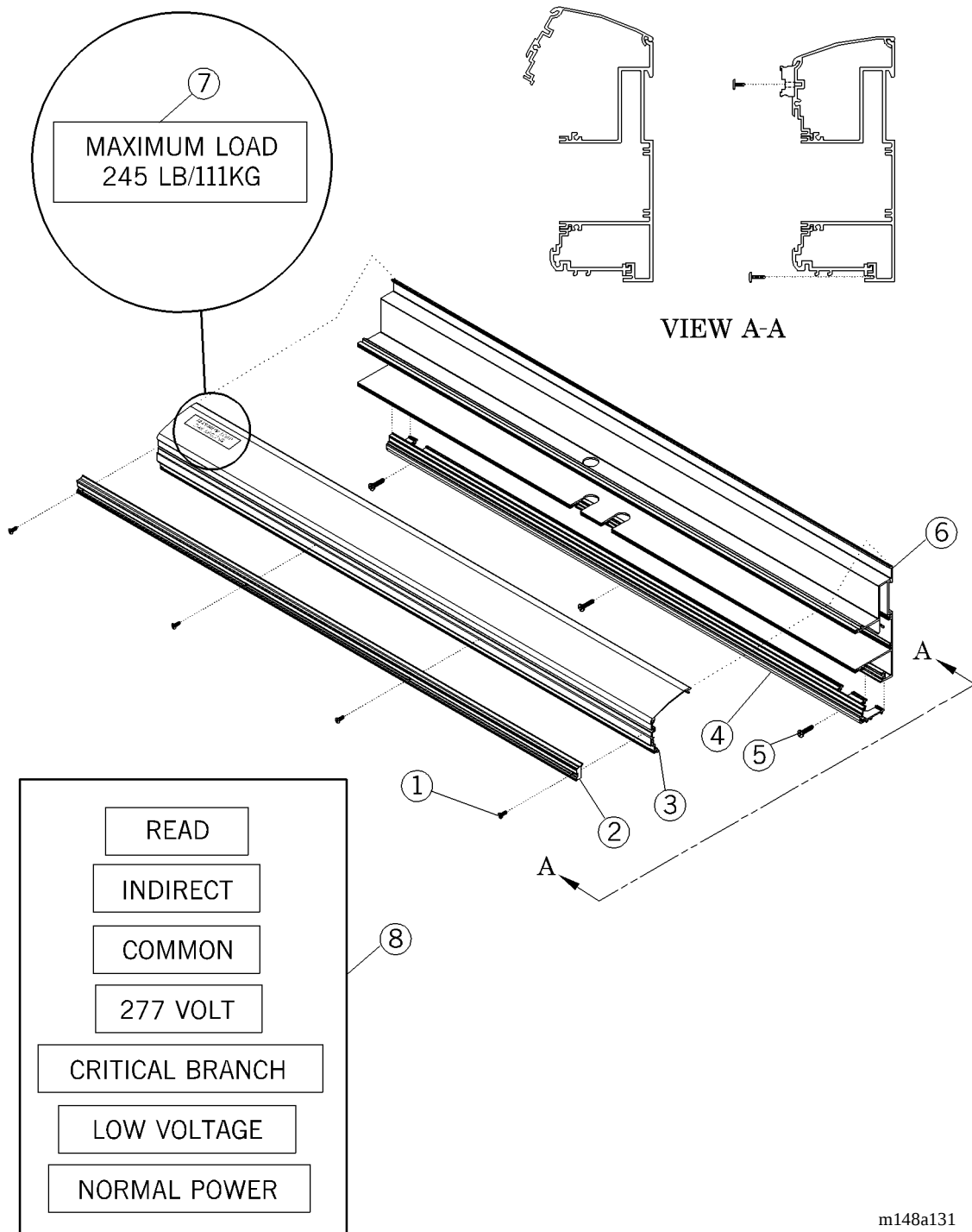


Table 5-2. Raceway Options—P2001B

Item Number	Part Number	Quantity	Description
1	52945-03 (2001)‡	As required	Screw, truss
2	SP55901 (2001) or SP55930 (2001)	1	Accessory rail machined, 114" (M204125-01 only) Accessory rail machined, 30" (M204125-30 only)
3	SP55830 (2001) or SP55801 (2001)	1	Top cap machined, 30" (M204125-30 only) Top cap machined, 114" (M204125-01 only)
4	SP55530 (2001) or SP55501 (2001)	1	Raceway bottom machined, 30" (M204125-30 only) Raceway bottom machined, 114" (M204125-01 only)
5	52555-05 (2001)‡‡	As required	Screw, pan head
6	SP55430 (2001) or SP55401 (2001)	1	Raceway base machined, 30" (M204125-30 only) Raceway base machined, 114" (M204125-01 only)
7	203586 (2001)	N/A	Label, 245 lb max load (M204125-30 only)
8	203562 (2001)	1	Label set (M204125-01 only)

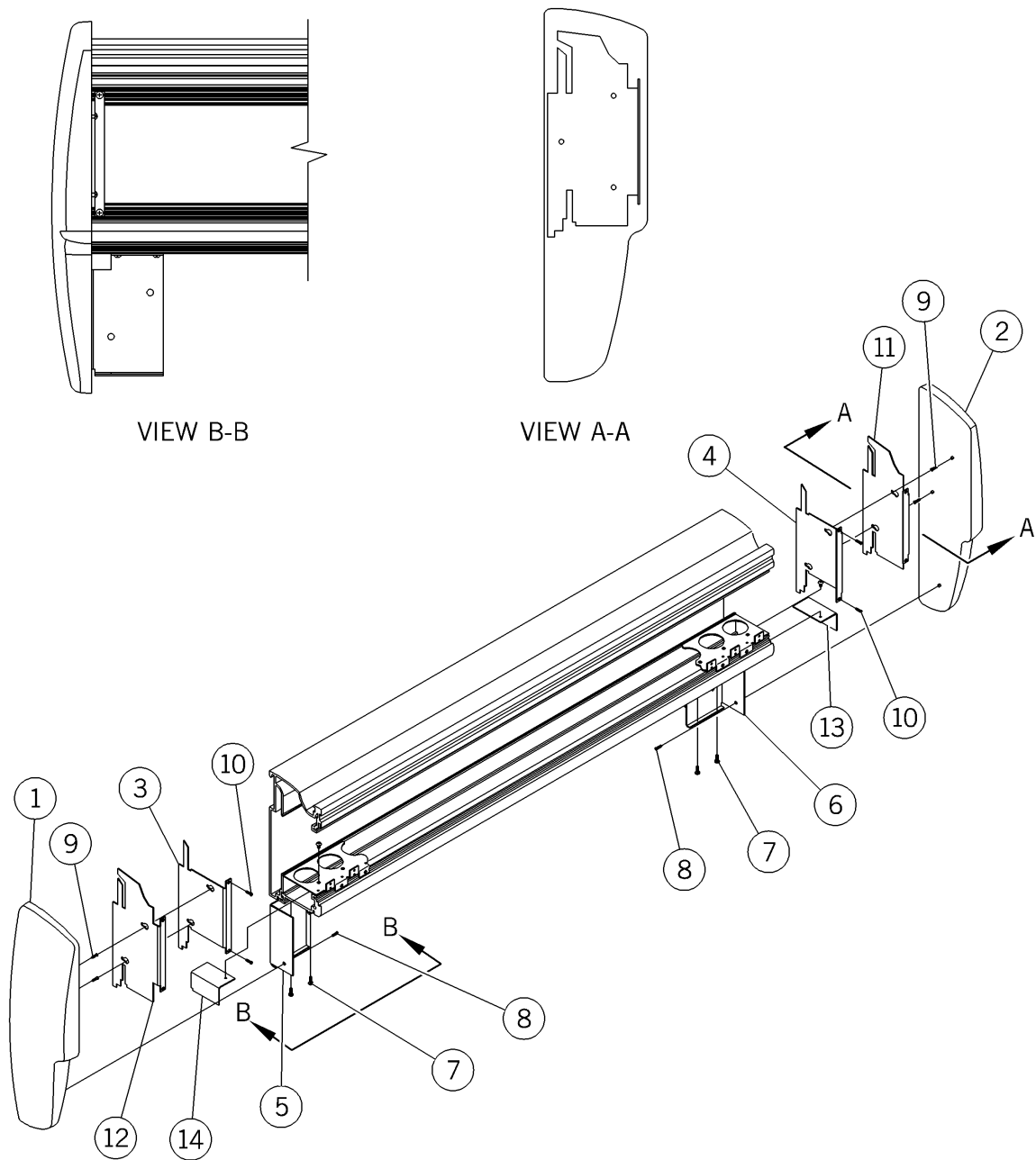
§§§ Specify paint color.

‡ Use a quantity of 10 on assembly -01, and use a quantity of 4 on assembly -30.

‡‡ Use a quantity of 7 on assembly -01, and use a quantity of 3 on assembly -30.

End Cap Option—P2001

Figure 5-4. End Cap Option—P2001



m148_024

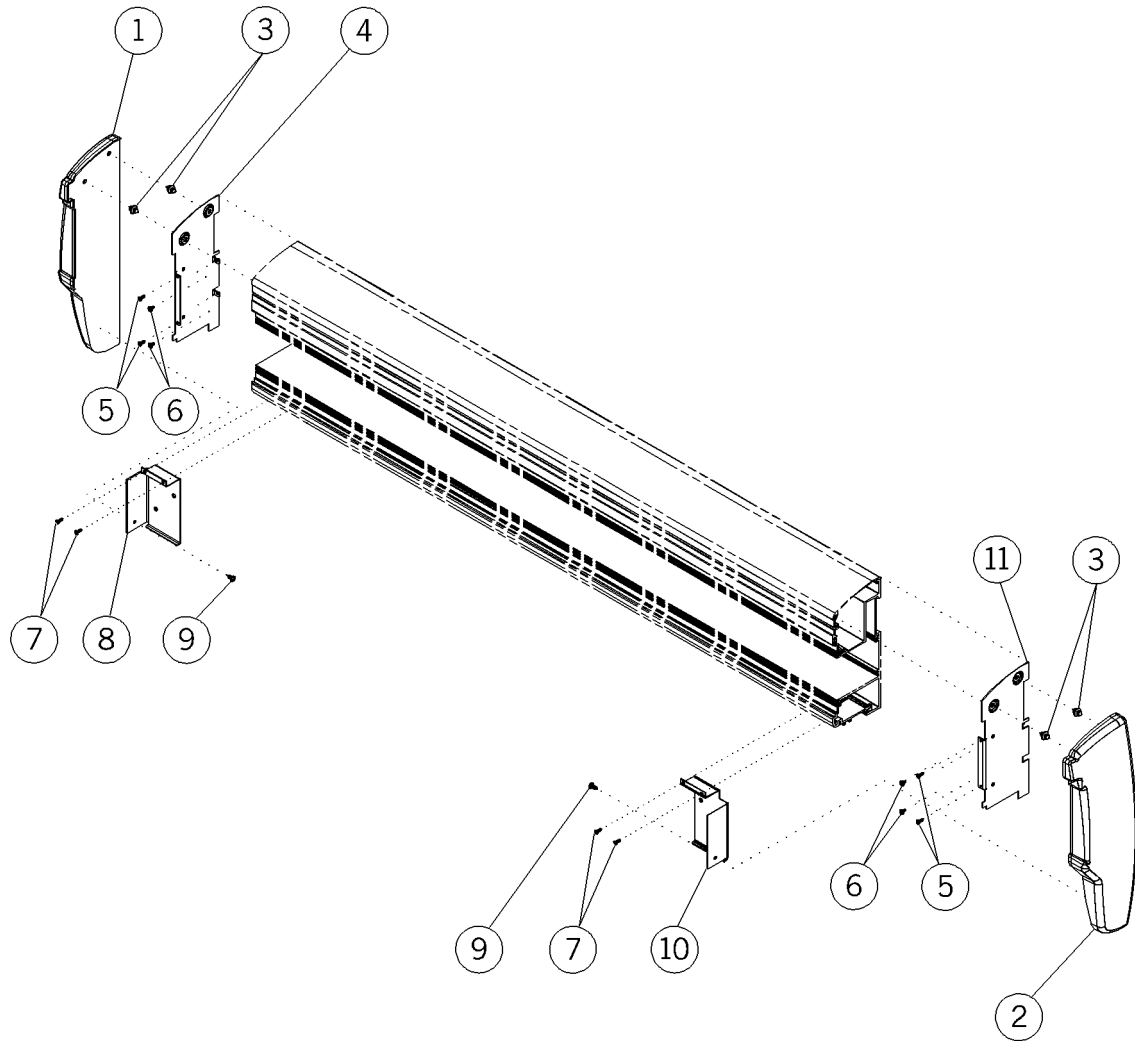
Table 5-3. End Cap Option—P2001

Item Number	Part Number	Quantity	Description
1	20346201 (2001)§	1	Headwall end cap, lh
2	20346202 (2001)§	1	Headwall end cap, rh
3	5877001 (2001)	1	End plate lh
4	5877002 (2001)	1	End plate rh
5	5877101 (2001)	1	End plate pipe cover lh
6	5877102 (2001)	1	End plate pipe cover rh
7	52945-03 (2001)	3	Screw, truss
8	29591 (2001)	1	Screw
9	52555-04 (2001)	2	Screw
10	16115 (2001)	2	Screw
11	5918002 (2001)	1	End plate, chaseless rh
12	5918001 (2001)	1	End plate, chaseless lh
13	5917902 (2001)	1	Emergency power barrier rh
14	5917901 (2001)	1	Emergency power barrier lh

§ Specify paint color.

End Cap Option—P2001B

Figure 5-5. End Cap Option—P2001B



m148a058

Table 5-4. End Cap Options—P2001B

Item Number	Part Number	Quantity	Description
1	20410302 (2001)‡ or 20410302 (2001)§§§‡‡	1	End cap, rh
2	20410301 (2001)‡‡‡ or 20410301 (2001)§§§‡‡‡‡	1	End cap, lh
3	204117 (2001)	2	Ratchet fastener
4	20396902 (2001)♦	1	End plate, rh
5	16115 (2001)	2	Screw
6	5294503 (2001)	4	Screw
7	52945-02 (2001)	4	Screw, truss
8	20420202 (2001)♦	1	End plate, pipe cover, rh
9	29591 (2001)	1	Screw
10	20420201 (2001)♦♦	1	End plate, pipe cover, lh
11	20396901 (2001)♦♦	1	End plate, lh

§§§ Specify paint color.

♦ Used on assemblies -02 and -04 only.

♦♦ Used on assemblies -01 and -03 only.

‡ Used on assembly -02.

‡‡ Used on assembly -04.

‡‡‡ Used on assembly -01.

‡‡‡‡ Used on assembly -03.

Raceway Fascia Option (P/N M204126) P2001B

Figure 5-6. Raceway Fascia Option (P/N M204126) P2001B

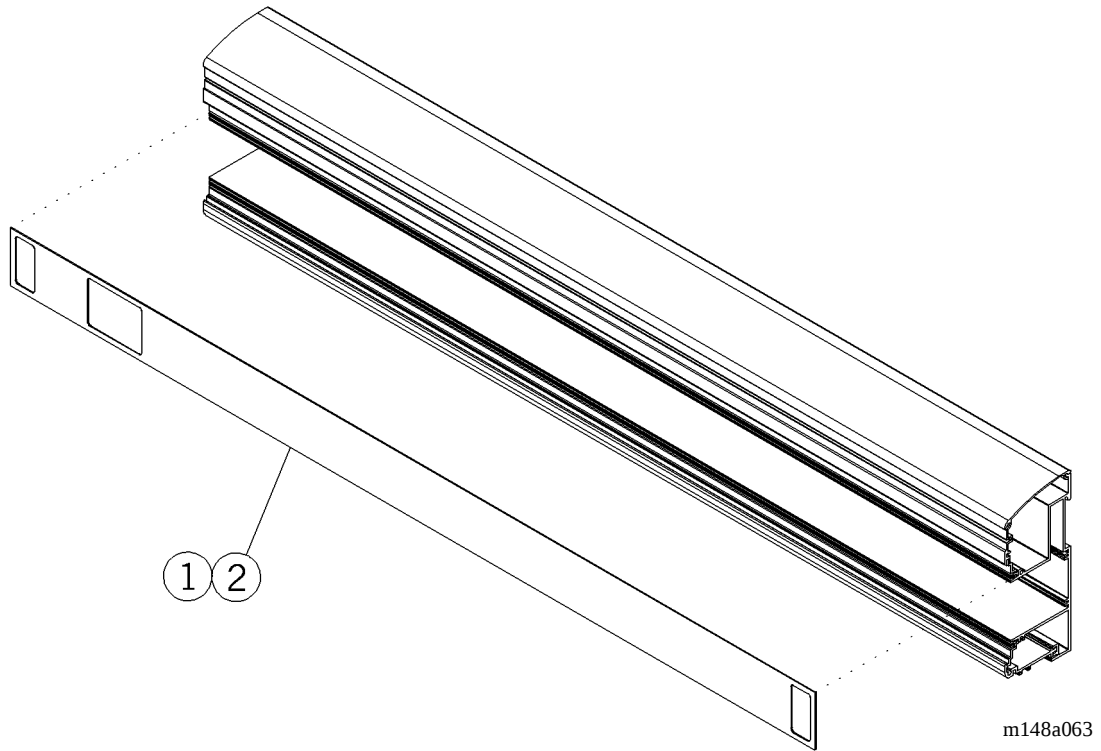


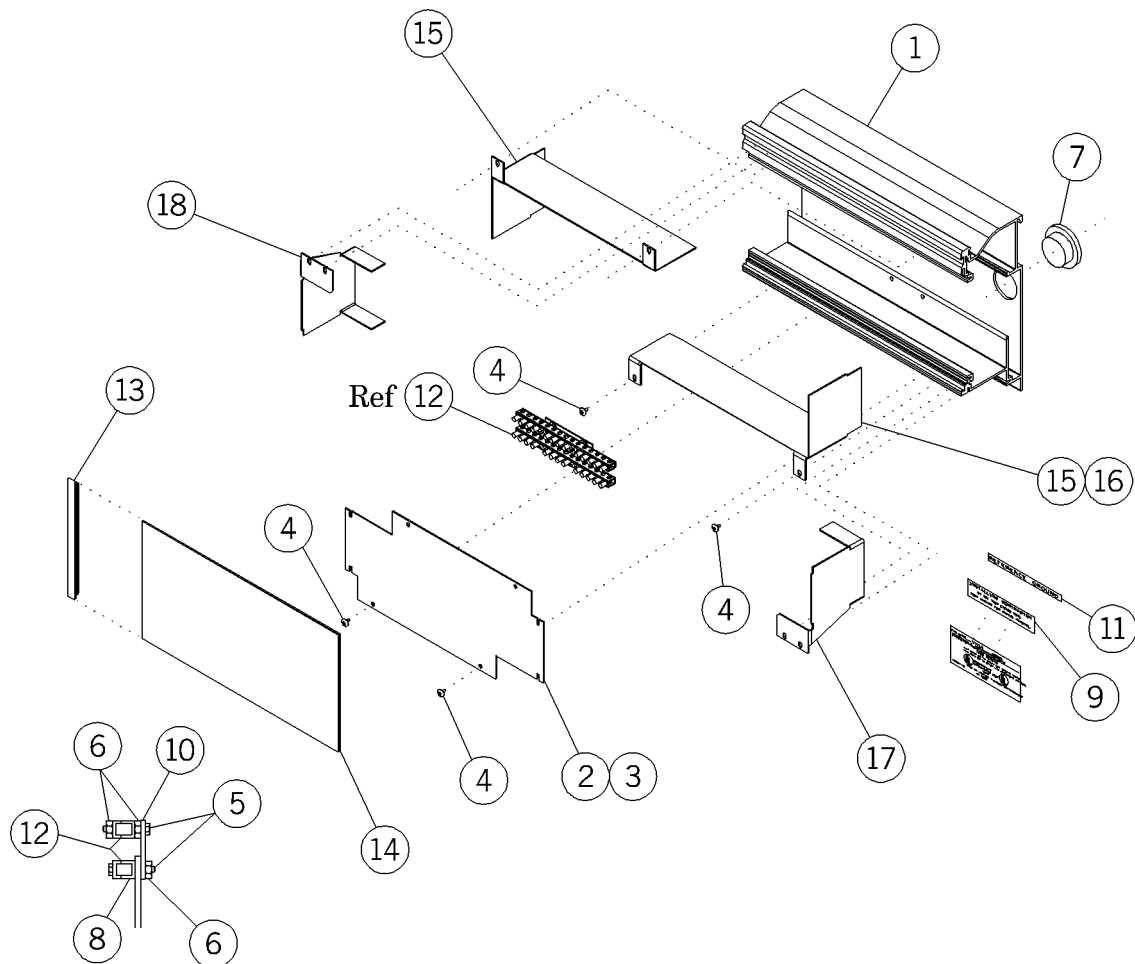
Table 5-5. Raceway Fascia Option (P/N M204126) P2001B

Item Number	Part Number	Quantity	Description
1	SP561 (2001)*	1	HPL fascia, upper accessory rail
2	SP56530 (2001)*	1	Raceway fascia punched, 30" long
3	SP56501 (2001)*	1	Raceway fascia punched, 114" long

* Specify high pressure laminate color.

Chaseless J-Box In Raceway—P2001

Figure 5-7. Chaseless J-Box In Raceway—P2001



m148a025

Table 5-6. Chaseless J-Box In Raceway—P2001

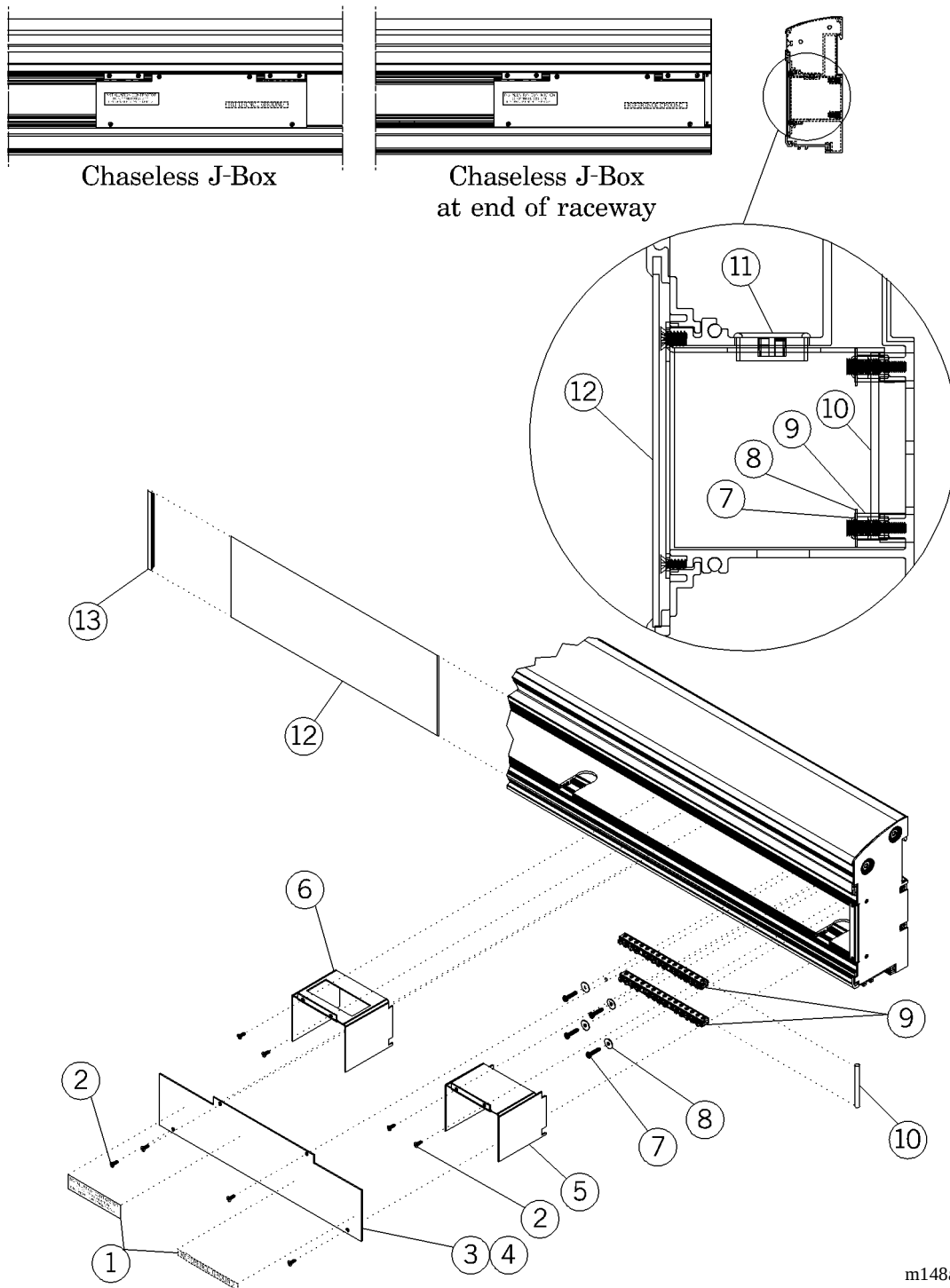
Item Number	Part Number	Quantity	Description
1	SP489 (2001)	1	Modified raceway
2	58845 (2001)	1	Chaseless cover (M200101-01 only)
3	58847 (2001)	1	Chaseless cover (M200101-02 only)
4	52945-03 (2001)	12	Screw, truss
5	5224308 (2001)	4	Screw
6	15250 (2001)	6	Locknut washer base
7	21352 (2001)	3	Snap bushing
8	18933 (2001)	2	Washer
9	55795 (2001)	1	Label
10	57444 (2001)	1	Ground bar support
11	32112 (2001)	1	Reference ground label
12	29858 (2001)	2	Ground reference bar
13	58922 (2001)†	1	Cover trim
14	58846 (2001)*	1	Chaseless fascia cover
15	58843 (2001)†	1	Chaseless divider
16	58863 (2001)	1	Chaseless divider
17	58842 (2001)	1	Chaseless barrier
18	58844 (2001)	1	Chaseless barrier e.p.

* Specify high pressure laminate color.

† Use a quantity of 1 on assembly -01, and use a quantity of 2 on assembly -02.

Chaseless J-Box in Raceway—P2001B

Figure 5-8. Chaseless J-Box in Raceway—P2001B



m148a126

Table 5-7. Chaseless J-Box in Raceway—P2001B

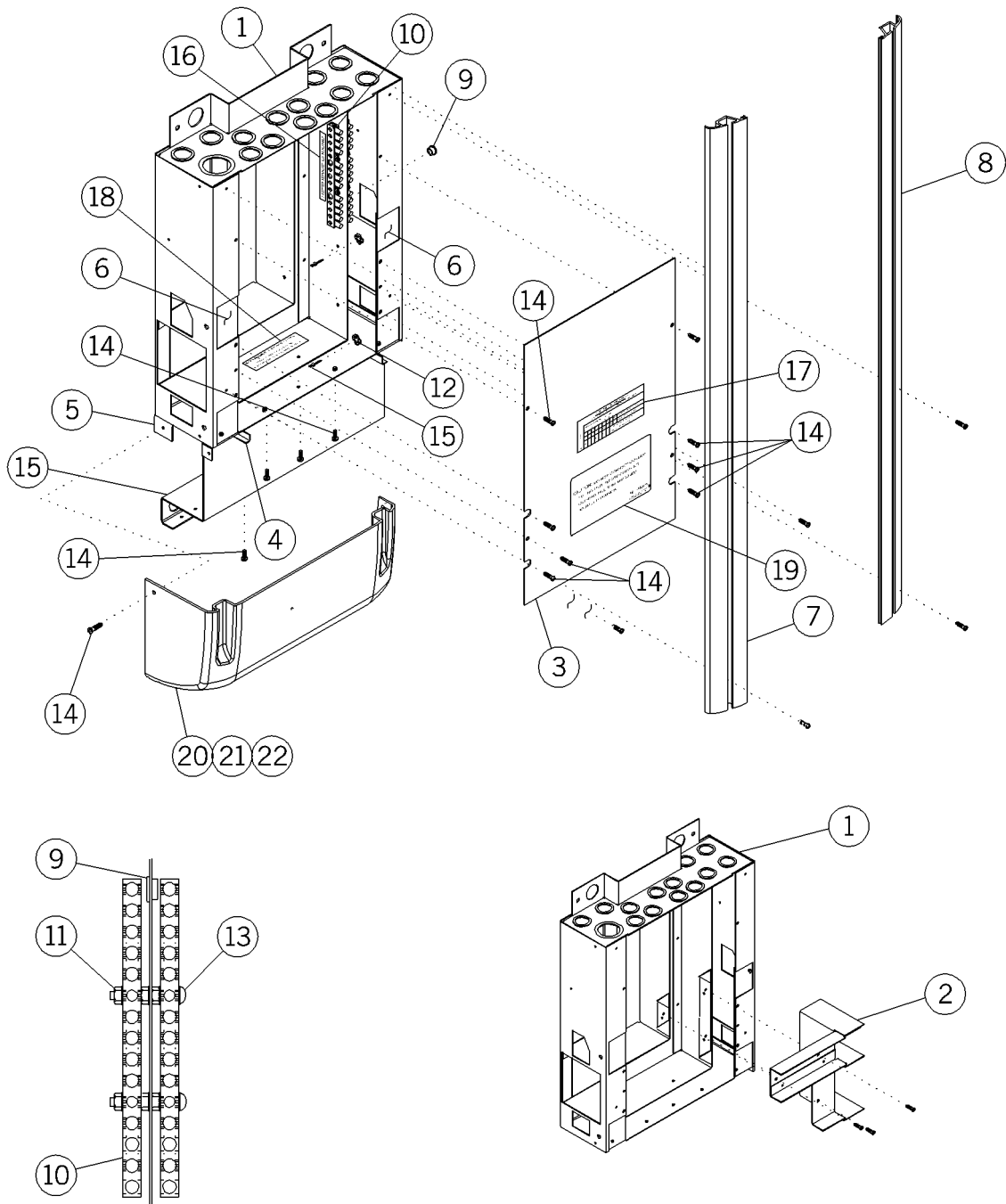
Item Number	Part Number	Quantity	Description
1	203551 (2001)	1	Label set
2	16115 (2001)	8	Screw
3	204011 (2001)	1	J-box cover, end (M204128-01 only)
4	204005 (2001)	1	J-box cover (M204128-02 only)
5	204006 (2001)	1	J-box barrier, boxed power
6	204007 (2001)	1	J-box barrier, low voltage
7	52945-08 (2001)	4	Screw, truss
8	18933 (2001)	4	Washer
9	29858 (2001)	2	Ground bar
10	204009 (2001)	2	Wire lead, ground
11	204091 (2001)	3	Snap bushing
12	204008 (2001)*	1	Chaseless fascia cover
13	58922 (2001)*‡	1	Cover trim
14	204010 (2001)‡‡	1	Bag assembly (not shown)

* Specify high pressure laminate color.

‡ Use a quantity of 1 on assembly -01, and use a quantity of 2 on assembly -02.

Chase Assembly—P2001

Figure 5-9. Chase Assembly—P2001



m148a026

Table 5-8. Chase Assembly—P2001

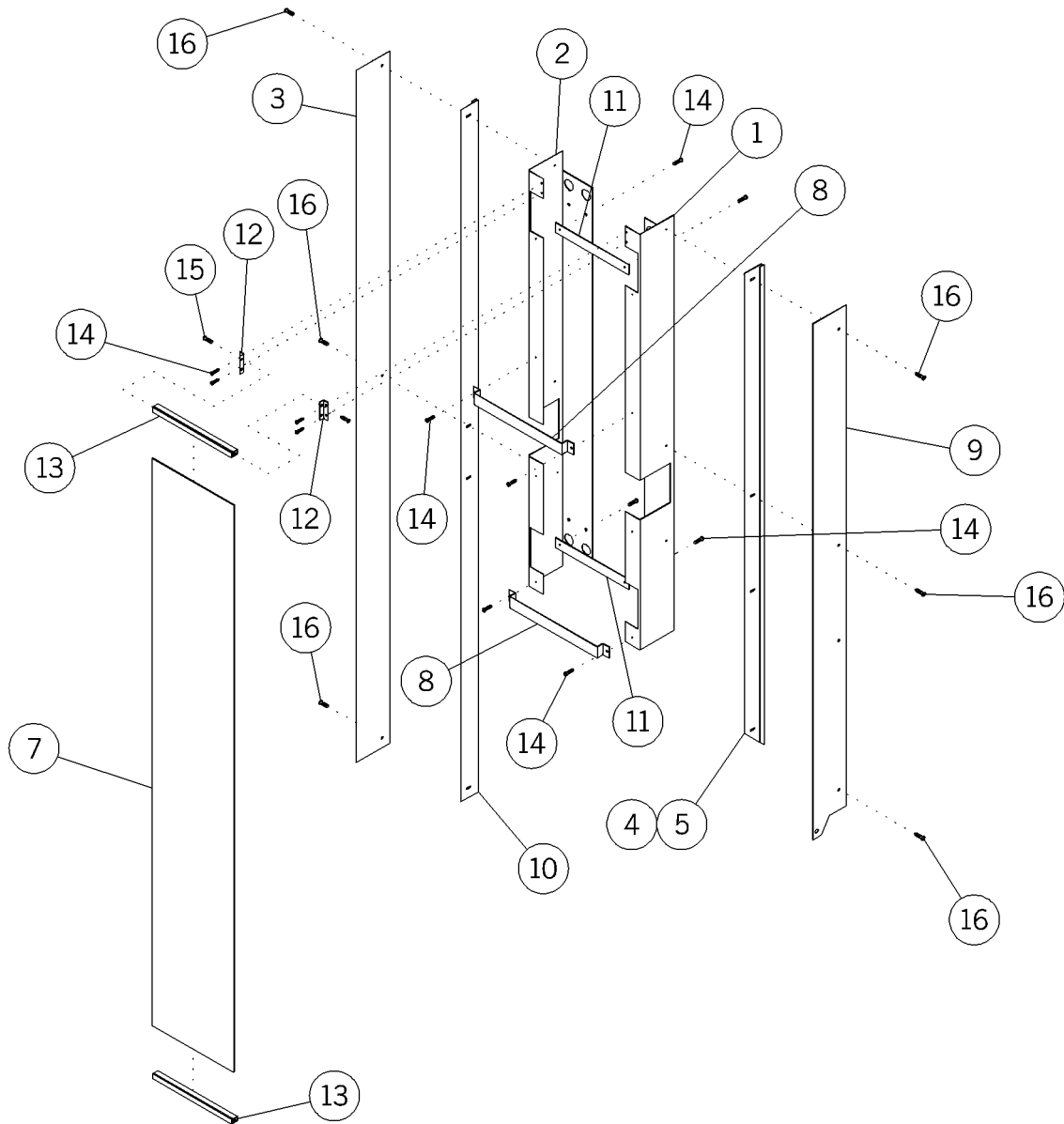
Item Number	Part Number	Quantity	Description
1	58849 (2001)§	1	Chase weldment
2	58850 (2001)	1	Chase barrier weldment
3	58860 (2001)	1	Chase cover
4	5897901 (2001)	1	Chase support divider
5	204367 (2001)	1	Lower cover bracket
6	59150 (2001)	2	Sub-plate
7	SP4731 (2001)§	1	Double track shroud with breaker
8	SP4732 (2001)§	1	Double track shroud with breaker
9	18148 (2001)	1	Snap bushing
10	29858 (2001)	2	Ground reference bar
11	15250 (2001)	6	Locknut, washer base
12	5897902 (2001)	1	Chase support divider
13	52243-10 (2001)	2	Screw
14	393 (2001)†	17	Screw
15	204356 (2001)	1	Lower cover support
16	32112 (2001)	1	Reference ground label
17	32252 (2001)	1	Label, torque
18	55795 (2001)	1	Label
19	55633 (2001)	1	Label, caution
20	5957401 (2001)	1	Chase bottom cover
21	5957402	1	Chase bottom cover
22	5957403	1	Chase bottom cover

§ Specify paint color.

† Use a quantity of 20 on assembly number -02 and -03.

Shroud Assembly—P2001

Figure 5-10. Shroud Assembly—P2001



m148a027

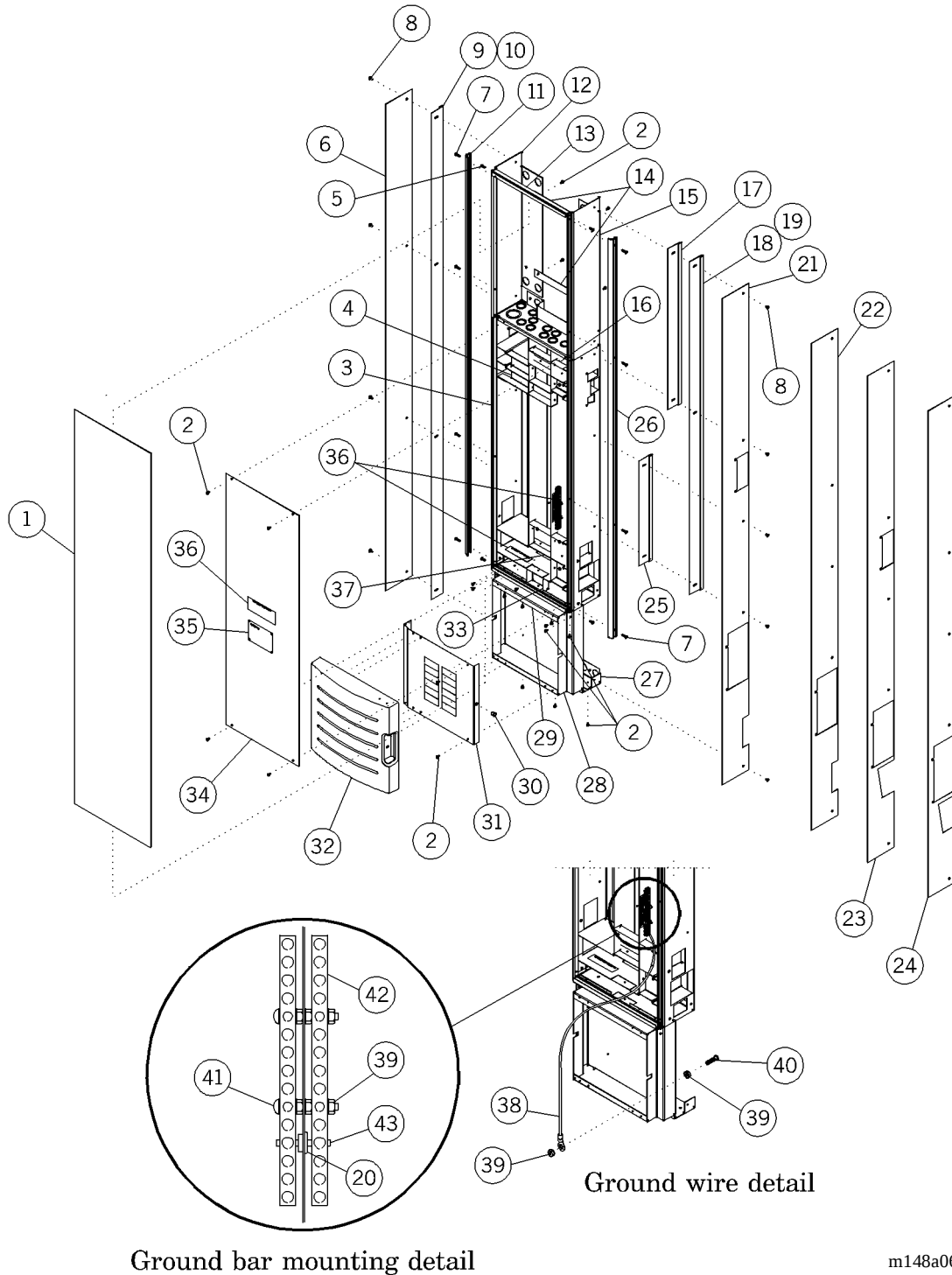
Table 5-9. Shroud Assembly—P2001

Item Number	Part Number	Quantity	Description
1	SP47201 (2001)	1	Side, shroud rh
2	SP47202 (2001)	1	Side, shroud lh
3	SP515 (2001)§	1	Shroud side, opposite raceway
4	SP51701 (2001)§†	1	Shroud trim, above raceway, rh
5	SP51702 (2001)§††	1	Shroud trim, above raceway, lh
6	50891-06 (2001)	10	Screw (not shown)
7	SP478 (2001)*	1	Shroud, front panel
8	59311 (2001)	2	Shroud spreader
9	SP516 (2001)§‡	1	Shroud side, above raceway
10	SP518 (2001)§‡‡	1	Shroud trim, opposite raceway
11	58865 (2001)	2	Shroud spreader
12	58949 (2001)	2	Support divider
13	59158 (2001)§	2	Divider
14	393 (2001)	12	Screw
15	52555-04 (2001)	4	Screw
16	53125-02 (2001)	6	Screw
17	59583 (2001)	1	Bag assembly, chase (not shown)
18	59584 (2001)	1	Bag assembly, chase seismic (not shown)

- § Specify paint color.
† Used on assemblies -01 and -03 only.
†† Used on assemblies -02 and -03 only.
‡ A quantity of 2 used on assembly -03 only.
‡‡ Used on assemblies -01 and -02 only.
* Specify high pressure laminate color.

Chase Assembly and Shroud with Breaker Panel—P2001B

Figure 5-11. Chase Assembly and Shroud with Breaker Panel—P2001B



m148a060

Table 5-10. Chase Assembly and Shroud with Breaker Panel—P2001B

Item Number	Part Number	Quantity	Description
1	SP584 (2001)*	1	Shroud, front panel
2	393 (2001)	35	Screw
3	204081 (2001)	1	Chase weldment
4	204370 (2001)	1	Chase barrier weldment, lh
5	52555-04 (2001)	4	Screw
6	SP586 (2001)§§§	1	Shroud side, opposite of raceway with breaker
7	52555-05 (2001)	8	Screw
8	53125-02 (2001)	8	Screw
9	SP58901 (2001)§§§	1	Shroud trim, opposite of raceway with breaker, lh
10	SP58902 (2001)§§§	1	Shroud trim, opposite of raceway with breaker, rh
11	SP58502 (2001)§§§	1	Corner trim with breaker panel, rh
12	SP57402 (2001)	1	Side shroud, rh
13	204350 (2001)	2	Divider
14	58865 (2001)	2	Shroud spreader
15	SP57401 (2001)	1	Side shroud, lh
16	204371 (2001)	1	Chase barrier weldment, rh
17	SP576 (2001)§§§	2	Shroud trim, above light
18	SP57801 (2001)§§§	1	Shroud trim, above the raceway, lh
19	SP57802 (2001)§§§	1	Shroud trim, above the raceway, rh
20	18148 (2001)	1	Snap bushing
21	SP587 (2001)§§§	2	Shroud side, raceway breaker with light

* Specify high pressure laminate color.

§§§ Specify paint color.

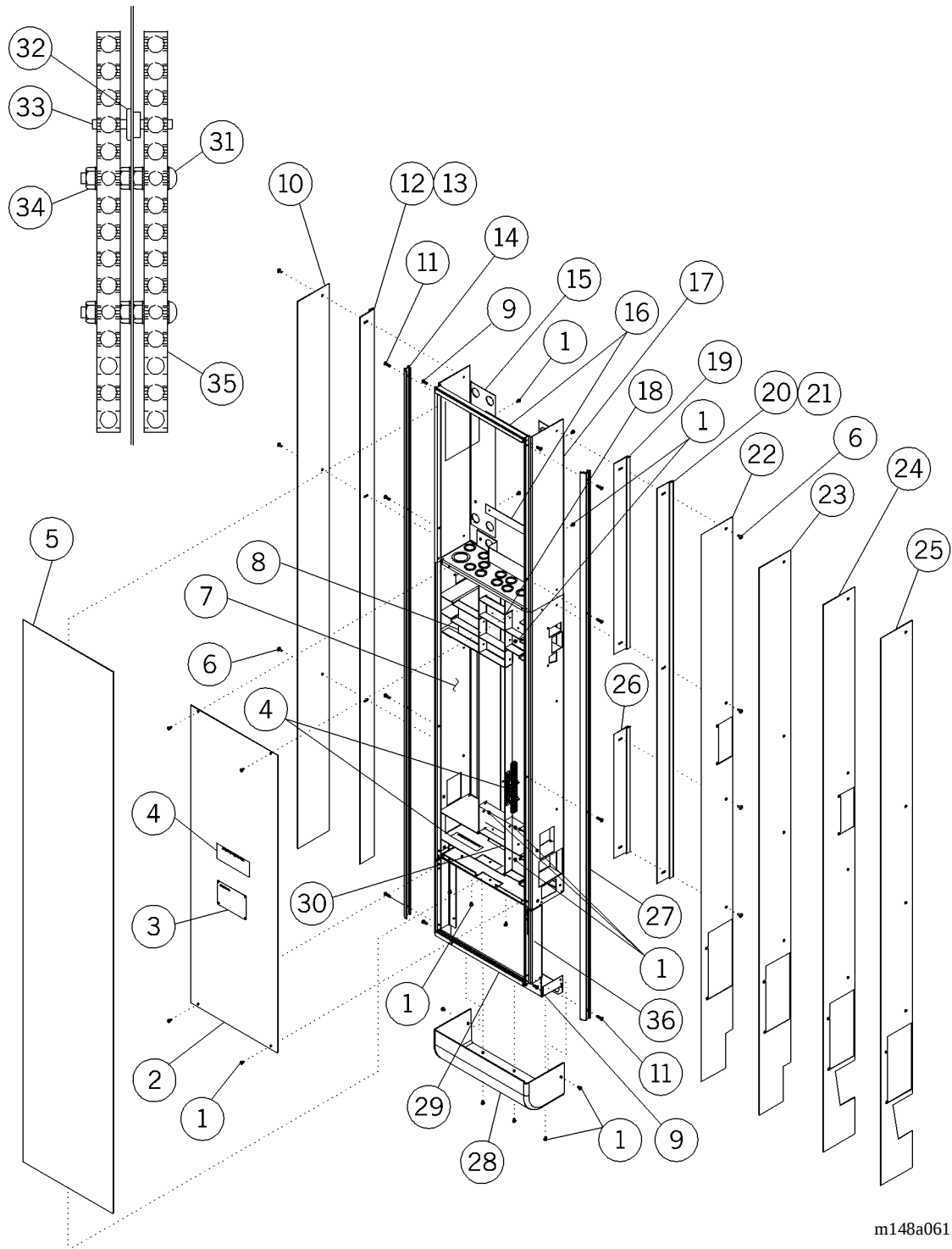
Item Number	Part Number	Quantity	Description
22	SP588 (2001)§§§	2	Shroud side, raceway without light with breaker
23	SP590 (2001)§§§	2	Shroud side, raceway side with light with breaker
24	SP591 (2001)§§§	2	Shroud side, raceway side without light without breaker
25	SP577 (2001)§§§	2	Shroud trim, raceway to light.
26	SP58501 (2001)§§§	1	Trim corner, with breaker, panel lh
27	59159 (2001)	1	Lower chase support
28	204398 (2001)§§§	1	Breaker tube weldment
29	58858 (2001)	1	Mounting bracket breaker panel
30	53985 (2001)	1	Bullet catch
31	58862 (2001)	1	Dead front for breaker
32	59124 (2001)	1	Cover assembly, circuit breaker panel
33	59153 (2001)	1	Line voltage crossover
34	204396 (2001)	1	J-box cover
35	55633 (2001)	1	Label, caution
36	203551 (2001)	1	Label set, Integris® System subing area
37	204066 (2001)	1	Chase barrier, weldment
38	5125936 (2001)	1	Wire lead, green 36" (91 cm)
39	15250 (2001)	8	Locknut, washer base
40	52243-03 (2001)	1	Screw
41	5224301 (2001)	2	Screw
42	29858 (2001)	2	Ground reference bar
43	57549 (2001)	1	Wire lead, green 1-½"

§§§ Specify paint color.

NOTES:

Chase Assembly and Shroud—P2001B

Figure 5-12. Chase Assembly and Shroud—P2001B



m148a061

Table 5-11. Chase Assembly and Shroud—P2001B

Item Number	Part Number	Quantity	Description
1	393 (2001)	26	Screw
2	204396 (2001)	1	J-box cover
3	55633 (2001)	1	Label, caution
4	203551 (2001)	1	Label set, Integris® subing area
5	SP584 (2001)	1	Shroud, front panel
6	53125-02 (2001)	8	Screw
7	204081 (2001)	1	Chase weldment
8	204370 (2001)	1	Chase barrier weldment, lh
9	52555-04 (2001)	4	Screw
10	SP579 (2001)§§§	1	Shroud side, opposite of raceway
11	52555-05 (2001)	8	Pan head screw
12	SP57501 (2001)§§§	1	Shroud trim, opposite of raceway, lh
13	SP57502 (2001)§§§	1	Shroud trim, opposite of raceway, rh
14	SP57302 (2001)§§§	1	Corner, rh
15	SP57402 (2001)	1	Side shroud, rh
16	58865 (2001)	2	Shroud spreader
17	SP57401 (2001)	1	Side shroud, lh
18	204371 (2001)	1	Chase barrier weldment, rh
19	SP576 (2001)§§§	1	Shroud trim, above the light
20	SP57801 (2001)§§§	1	Shroud trim, above the raceway, lh
21	SP57802 (2001)§§§	1	Shroud trim, above the raceway, rh
22	SP580 (2001)§§§	1	Shroud side, raceway with light

§§§ Specify paint color.

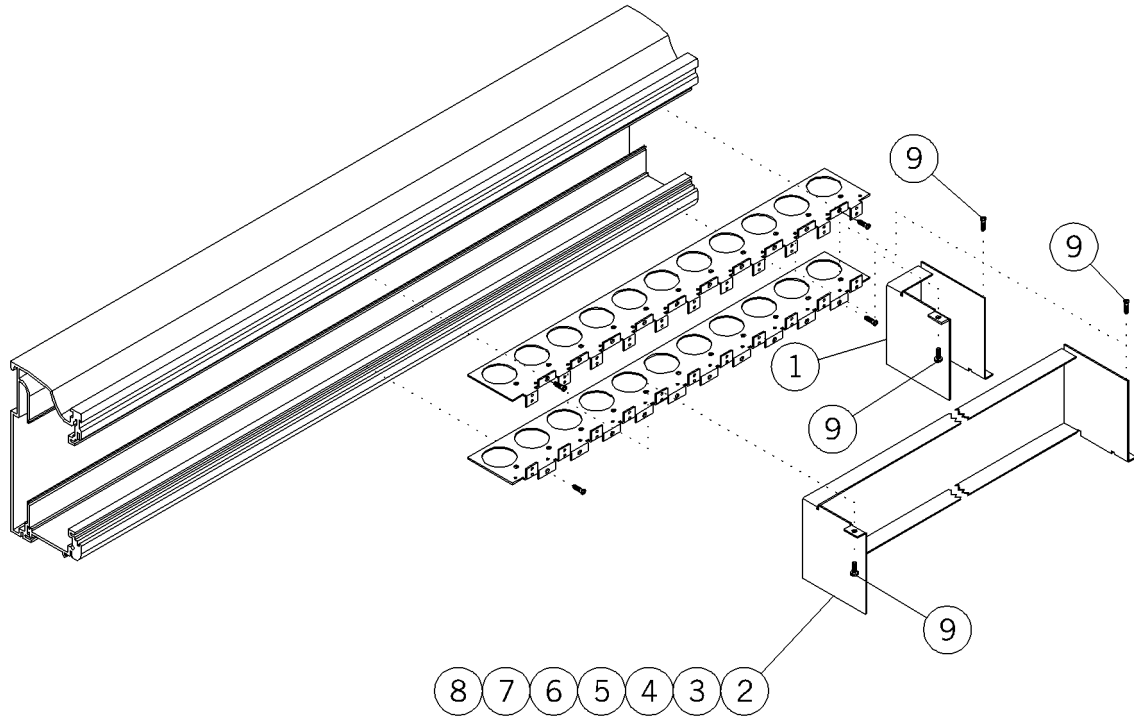
Item Number	Part Number	Quantity	Description
23	SP581 (2001)§§§	1	Shroud side, raceway without light
24	SP582 (2001)§§§	1	Shroud side, raceway with light
25	SP582 (2001)§§§	1	Shroud side, raceway without light
26	SP577 (2001)§§§	1	Shroud trim, raceway to light
27	SP57301 (2001)§§§	1	Corner, lh
28	204378 (2001)	1	Chase bottom cover
29	204350 (2001)§§§	2	Divider
30	204066 (2001)	1	Chase barrier weldment
31	52243-10 (2001)	2	Screw
32	18148 (2001)	1	Snap bushing
33	57549 (2001)	1	Wire lead, green 1½"
34	15250 (2001)	7	Locknut, washer base
35	29858 (2001)	5	Ground reference bar
36	204377 (2001)	1	Lower cover weldment

§§§ Specify paint color.

NOTES:

Backbox, 1 Gang Through 8 Gang—P2001

Figure 5-13. Backbox, 1 Gang Through 8 Gang—P2001



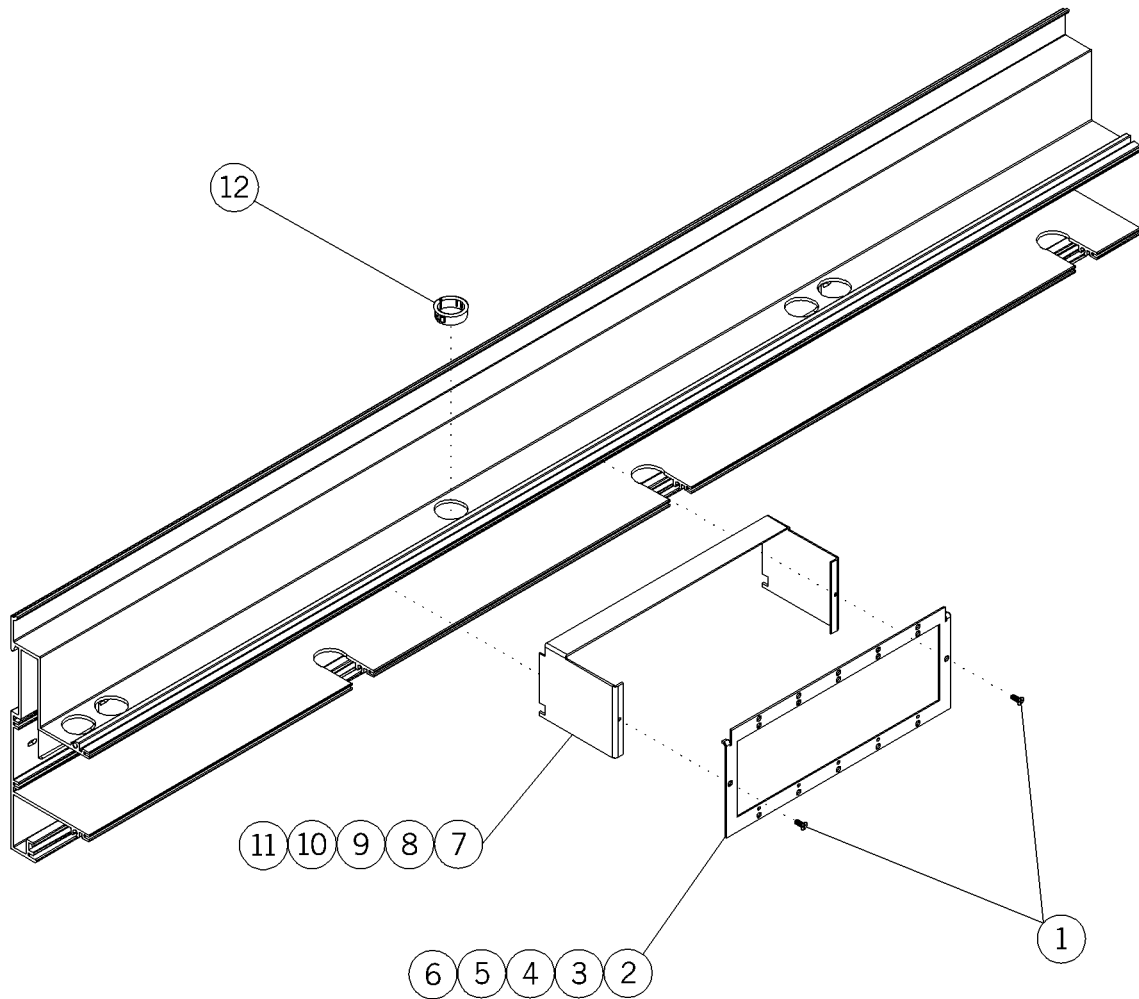
m148a028

Table 5-12. Backbox, 1 Gang Through 8 Gang—P2001

Item Number	Part Number	Quantity	Description
1	5949801 (2001)	2	Backbox, 1 gang
2	5949802 (2001)	2	Backbox, 2 gang
3	5949803 (2001)	2	Backbox, 3 gang
4	5949804 (2001)	2	Backbox, 4 gang
5	5949805 (2001)	2	Backbox, 5 gang
6	5949806 (2001)	2	Backbox, 6 gang
7	5949807 (2001)	2	Backbox, 7 gang
8	5949808 (2001)	2	Backbox, 8 gang
9	54800-01 (2001)	2	Screw

Device Mount, 1 Gang through 5 Gang—P2001B

Figure 5-14. Device Mount, 1 Gang through 5 Gang—P2001B



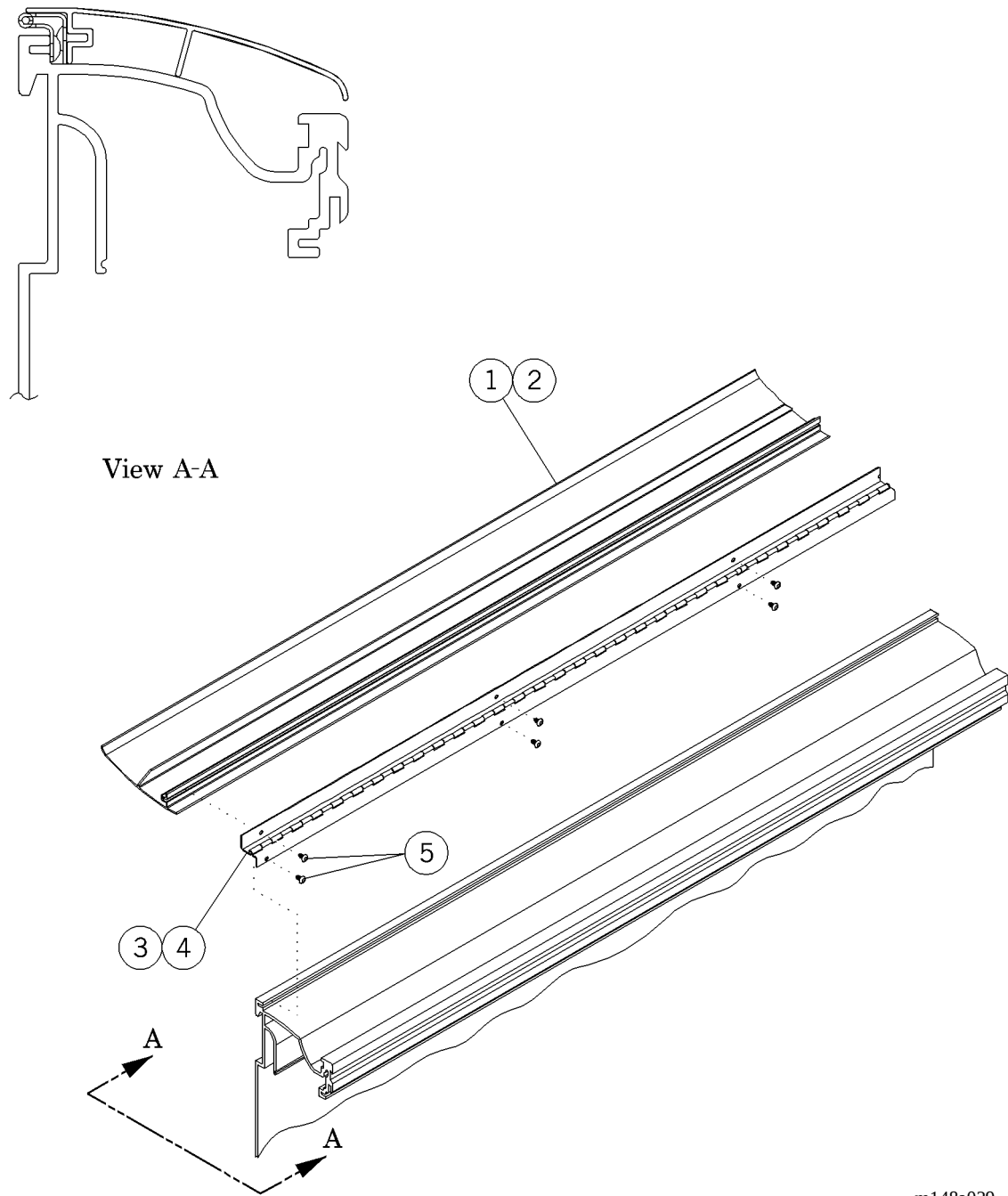
m148a127

Table 5-13. Device Mount, 1 Gang through 5 Gang—P2001B

Item Number	Part Number	Quantity	Description
1	16115 (2001)	2	Screw
2	20405601 (2001)	1	Device mount 1 gang
3	20405602 (2001)	1	Device mount 2 gang
4	20405603 (2001)	1	Device mount 3 gang
5	20405604 (2001)	1	Device mount 4 gang
6	20405605 (2001)	1	Device mount 5 gang
7	20409001 (2001)	1	Device mount barrier 1-gang
8	20409002 (2001)	1	Device mount barrier 2-gang
9	20409003 (2001)	1	Device mount barrier 3-gang
10	20409004 (2001)	1	Device mount barrier 4-gang
11	20409005 (2001)	1	Device mount barrier 5-gang
12	204091 (2001)	2	Snap bushing

Top Cap Options—P2001

Figure 5-15. Top Cap Options—P2001



m148a029

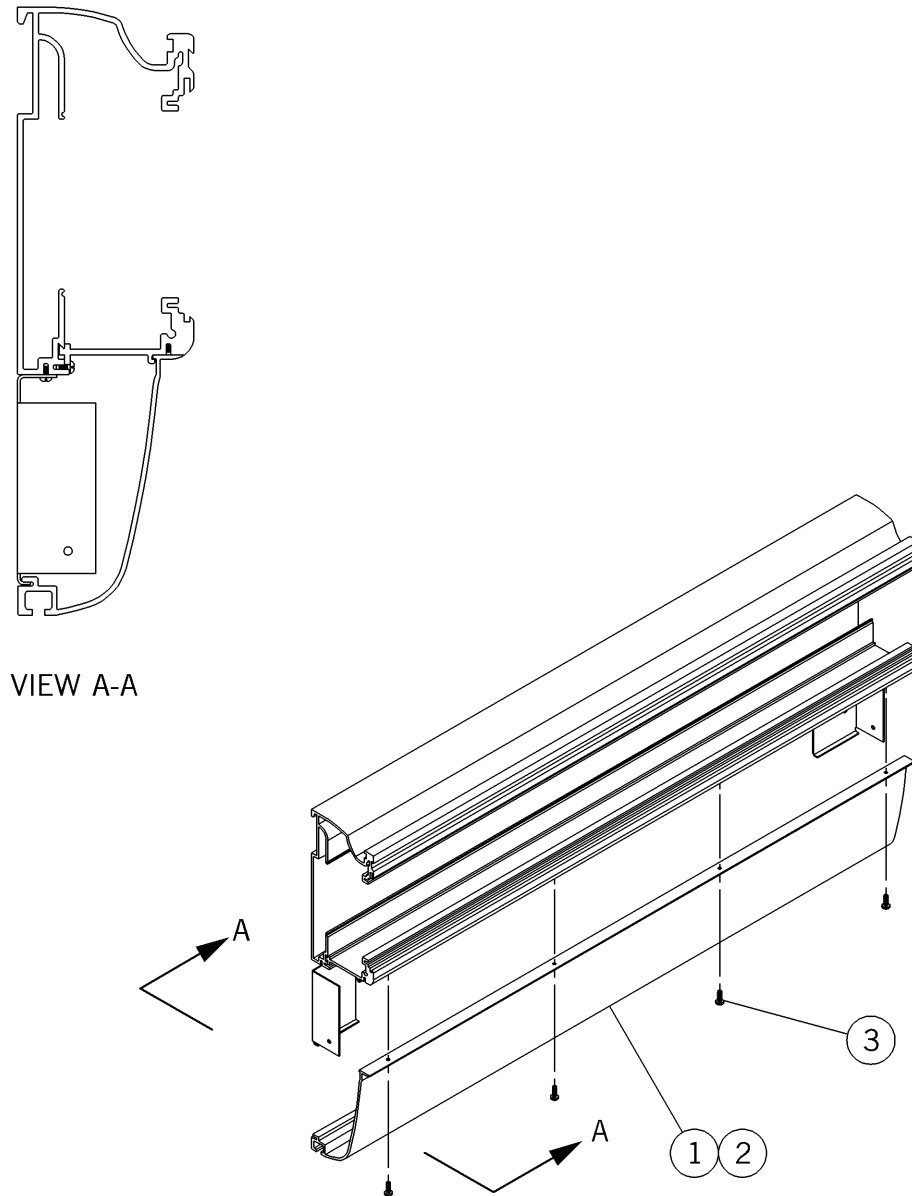
Table 5-14. Top Cap Options—P2001

Item Number	Part Number	Quantity	Description
1	SP48401 (2001)§	1	Top cap, short
2	SP48402 (2001)§	1	Top cap, long
3	SP49101 (2001)	1	Top cap hinge, short
4	SP49102 (2001)	1	Top cap hinge, long
5	52945-03	6	Screw, truss

§ Specify paint color.

Gas Pipe Cover Option—P2001

Figure 5-16. Gas Pipe Cover Option—P2001



m148_030

Table 5-15. Gas Pipe Cover Option—P2001

Item Number	Part Number	Quantity	Description
1	SP48801 (2001)*§§§	1	Gas piping cover short
2	SP48802 (2001)*§§§	1	Gas piping cover long
3	56561-01 (2001)	As required	Screw

* Specify length of cover.

§§§ Specify paint color.

Gas Pipe Cover Option—P2001B

Figure 5-17. Gas Pipe Cover Option—P2001B

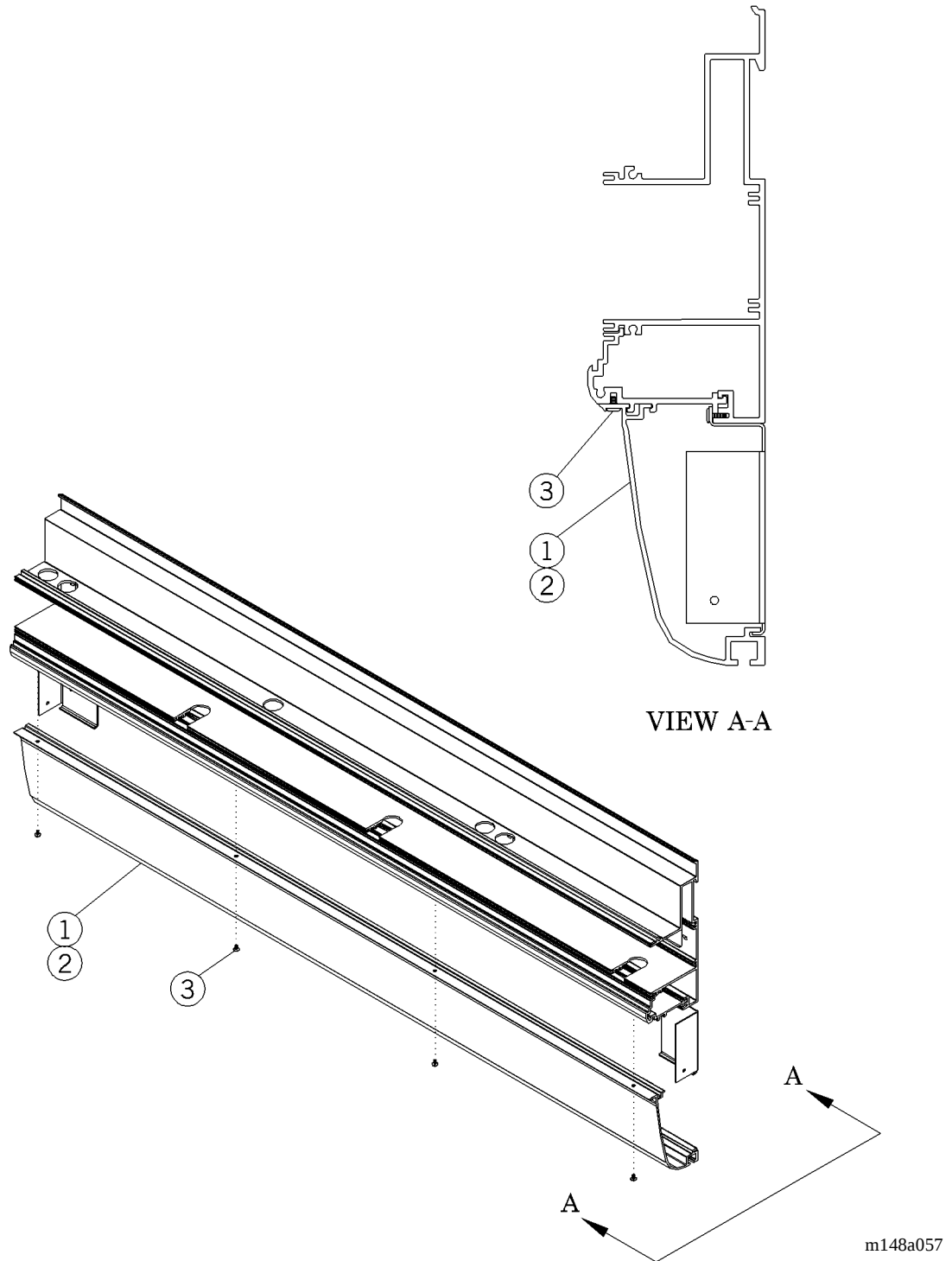


Table 5-16. Gas Pipe Cover Option—P2001B

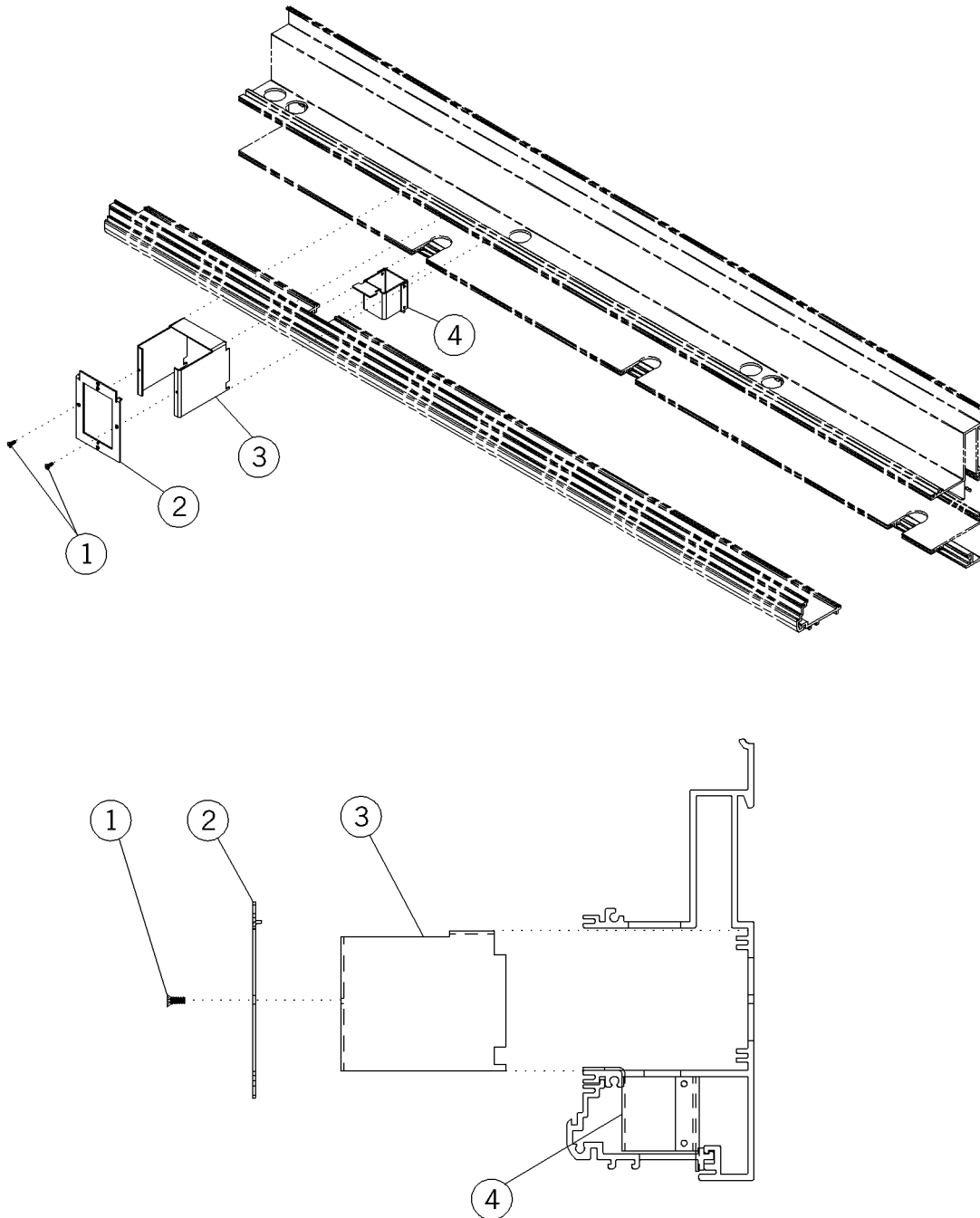
Item Number	Part Number	Quantity	Description
1	SP55601 (2001)§§§	1	Gas piping cover, greater than 58" (147cm)
2	SP55602 (2001)§§§	1	Gas piping cover, less than 58" (147cm)
3	52945-03 (2001)‡	4	Screw, truss

§§§ Specify paint color.

‡ Use a quantity of 8 on assembly number -02.

Gas Outlet Provision—P2001B

Figure 5-18. Gas Outlet Provision—P2001B



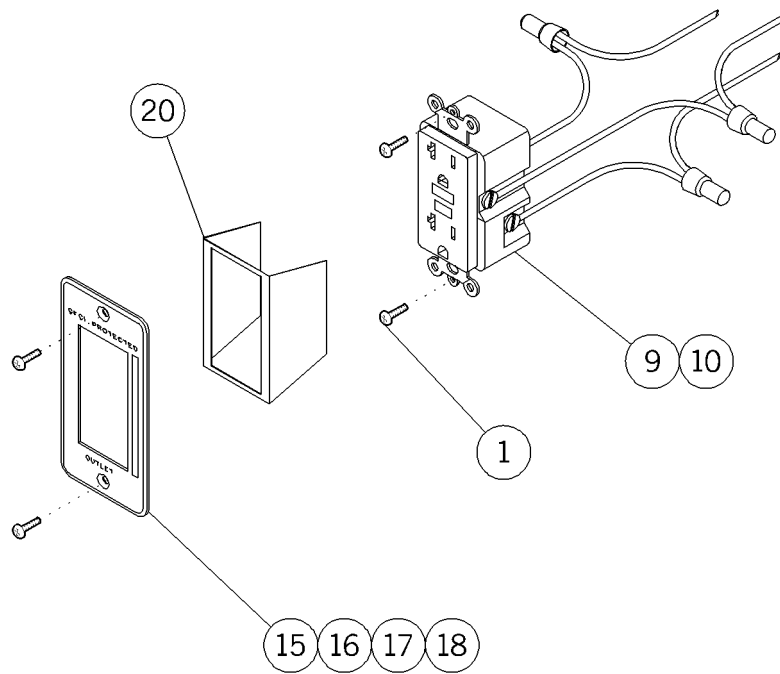
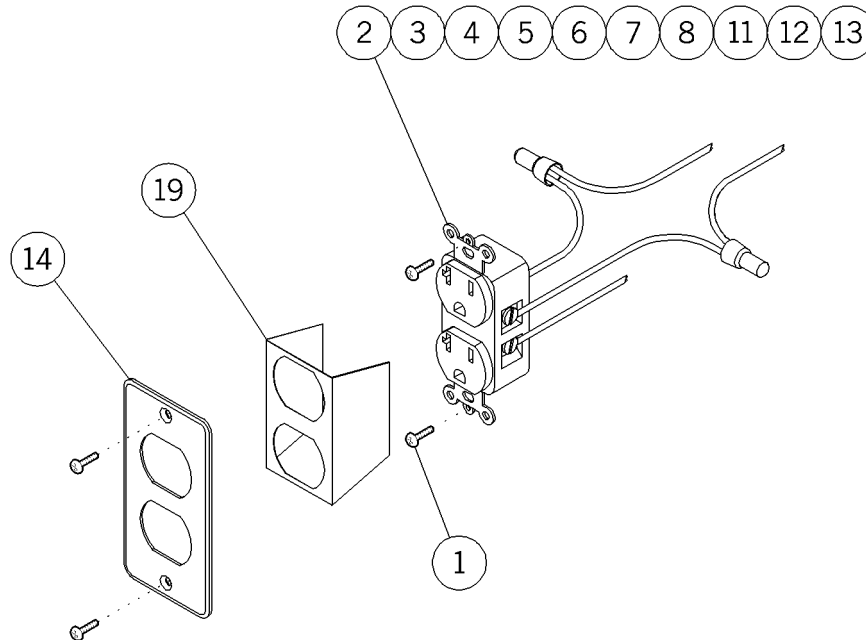
m148a059

Table 5-17. Gas Outlet Provision—P2001B

Item Number	Part Number	Quantity	Description
1	16115 (2001)	2	Screw
2	20405601 (2001)	1	Device mount, 1 gang
3	20409001 (2001)	1	Device mount barrier, 1 gang
4	204071 (2001)	1	Tubing raceway weldment

Duplex Outlet Receptacles

Figure 5-19. Duplex Outlet Receptacles



m148a031

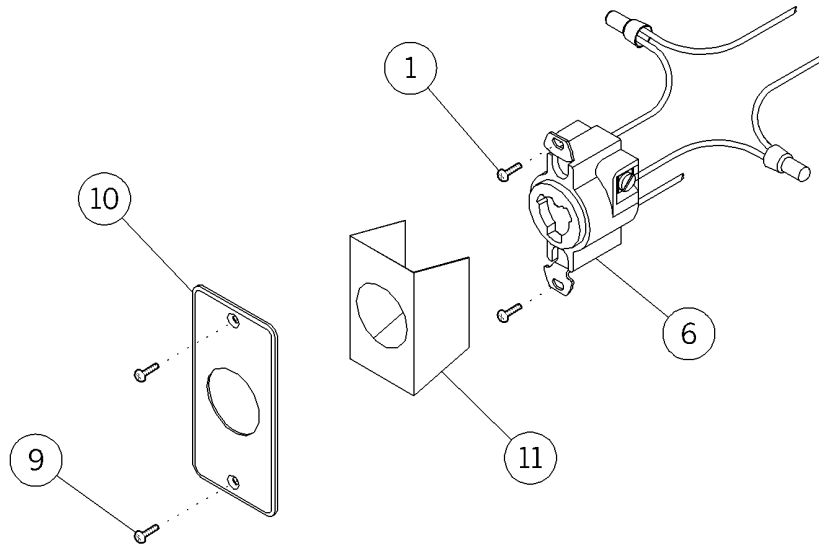
Table 5-18. Duplex Outlet Receptacles

Item Number	Part Number	Quantity	Description
1	16115 (2001)	2	Screw
2	28439 (2001)	1	Outlet, duplex 20A (ivory)
3	51129 (2001)	1	Outlet—duplex—15A ivory
4	28436 (2001)	1	Outlet, duplex 20A (red)
5	51130 (2001)	1	Outlet—duplex—15A red
6	33798 (2001)	1	Outlet—pediatric, 15A (ivory)
7	33799 (2001)	1	Outlet—pediatric, 15A (red)
8	52412 (2001)	1	Outlet—duplex 15A—isolated power
9	51036 (2001)	1	Outlet—GFR, 20A (ivory)
10	54743 (2001)	1	Outlet, GFCI duplex, 20A red
11	55147 (2001)	1	Light neutral duplex 20A
12	52414 (2001)	1	Outlet, duplex 20A ivory lighted
13	52413 (2001)	1	Outlet duplex 15A ivory lighted
14	52227 (2001)§	1	Duplex faceplate—almond
15	55207 (2001)§	1	Label — GFCI warning
16	55166 (2001)§	1	Faceplate, engraved GFCI
17	55167 (2001)§	1	Faceplate, engraved GFCI
18	55168 (2001)§	1	Faceplate, engraved GFCI
19	56598 (2001)	1	Insulator, duplex (optional)
20	56878 (2001)	1	Insulator, decorative style (optional)

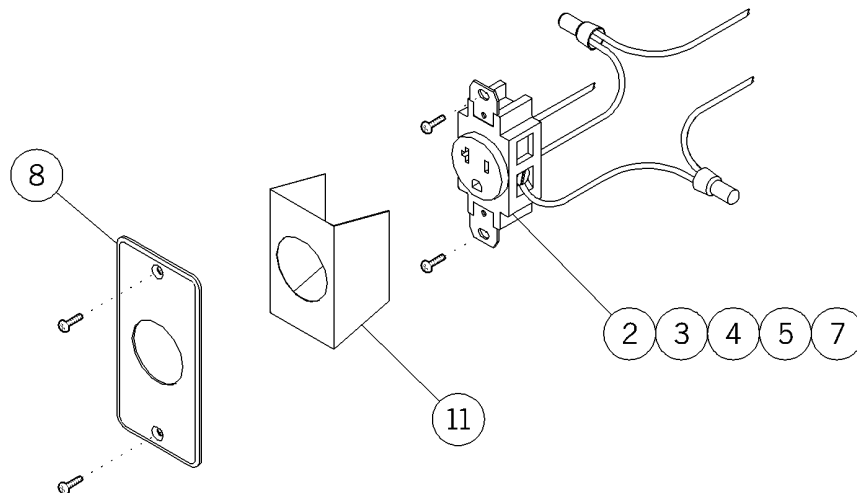
§ Specify paint color.

Single Outlet Receptacles

Figure 5-20. Single Outlet Receptacles



Typical Hubbellock® receptacle



Typical simplex receptacle

m148a032

Hubbellock® is a registered trademark of Hubbell Incorporated.

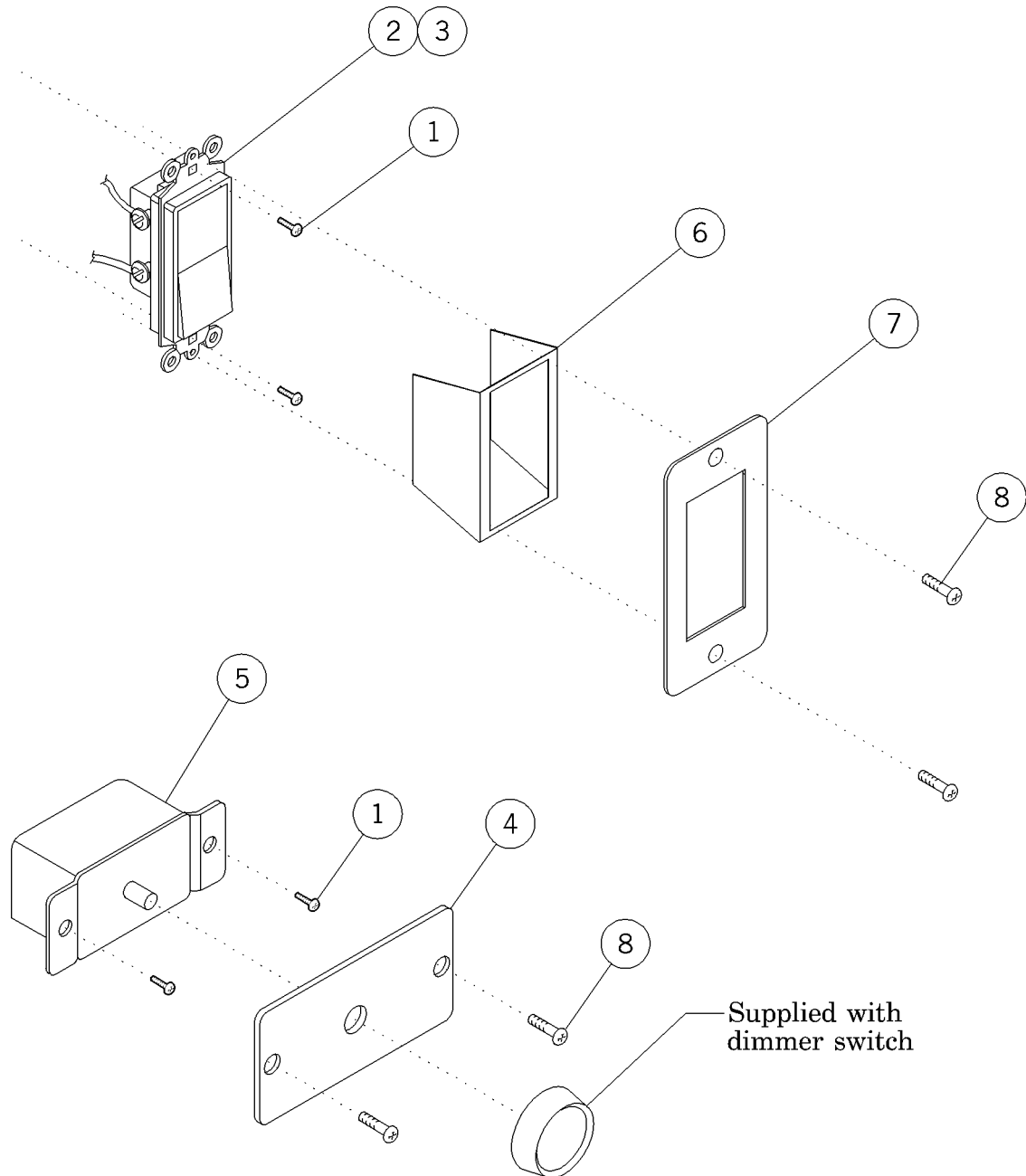
Table 5-19. Single Outlet Receptacles

Item Number	Part Number	Quantity	Description
1	16115 (2001)	2	Screw
2	28438 (2001)	1	Outlet—single 20A (ivory)
3	18061 (2001)	1	Outlet—single 15A (ivory)
4	28437 (2001)	1	Outlet—single 20A (red)
5	51042 (2001)	1	Outlet—single 15A (red)
6	18062 (2001)	1	Outlet—(twist lock)
7	51024 (2001)	1	Outlet—single 15A (orange)
8	52228 (2001)	1	Simplex faceplate—almond
9	50590 (2001)	1	Screw
10	52229 (2001)§	1	Faceplate, twist lock
11	56599 (2001)	1	Insulator, simplex (optional)

§ Specify paint color.

Line Voltage Switch

Figure 5-21. Line Voltage Switch



m148a033

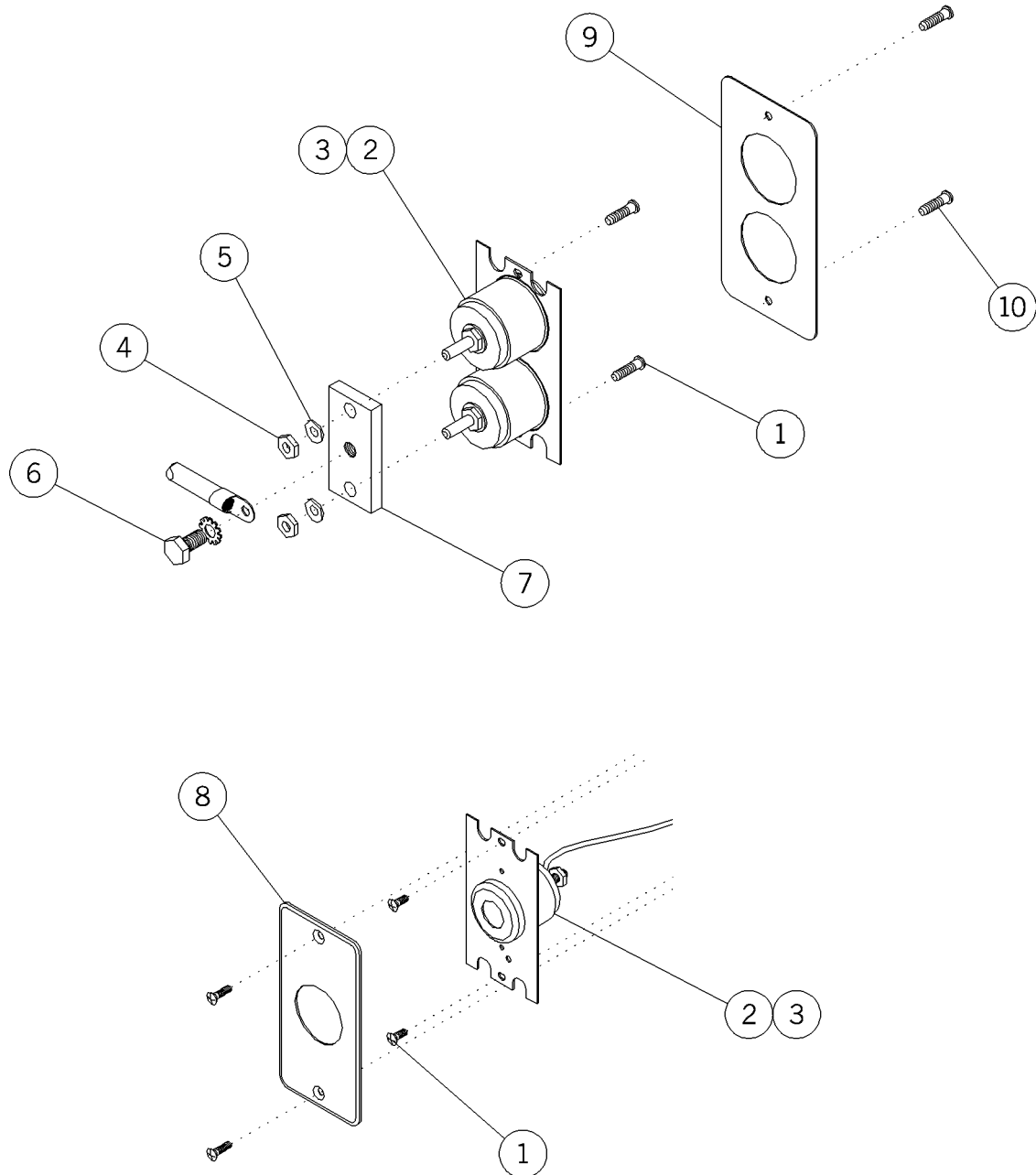
Table 5-20. Line Voltage Switch

Item Number	Part Number	Quantity	Description
1	16115 (2001)	2	Screw
2	32232 (2001)	1	Switch
3	32233 (2001)	1	3-way switch
4	52836 (2001)	1	Faceplate, dimmer switch
5	28441 (2001)	1	Dimmer switch
6	56878 (2001)	1	Insulator, decorative style (optional)
7	52232 (2001)§	1	Faceplate switch—almond
8	50590 (2001)	2	Screw

§ Specify paint color.

Ground Receptacles

Figure 5-22. Ground Receptacles



m148a034

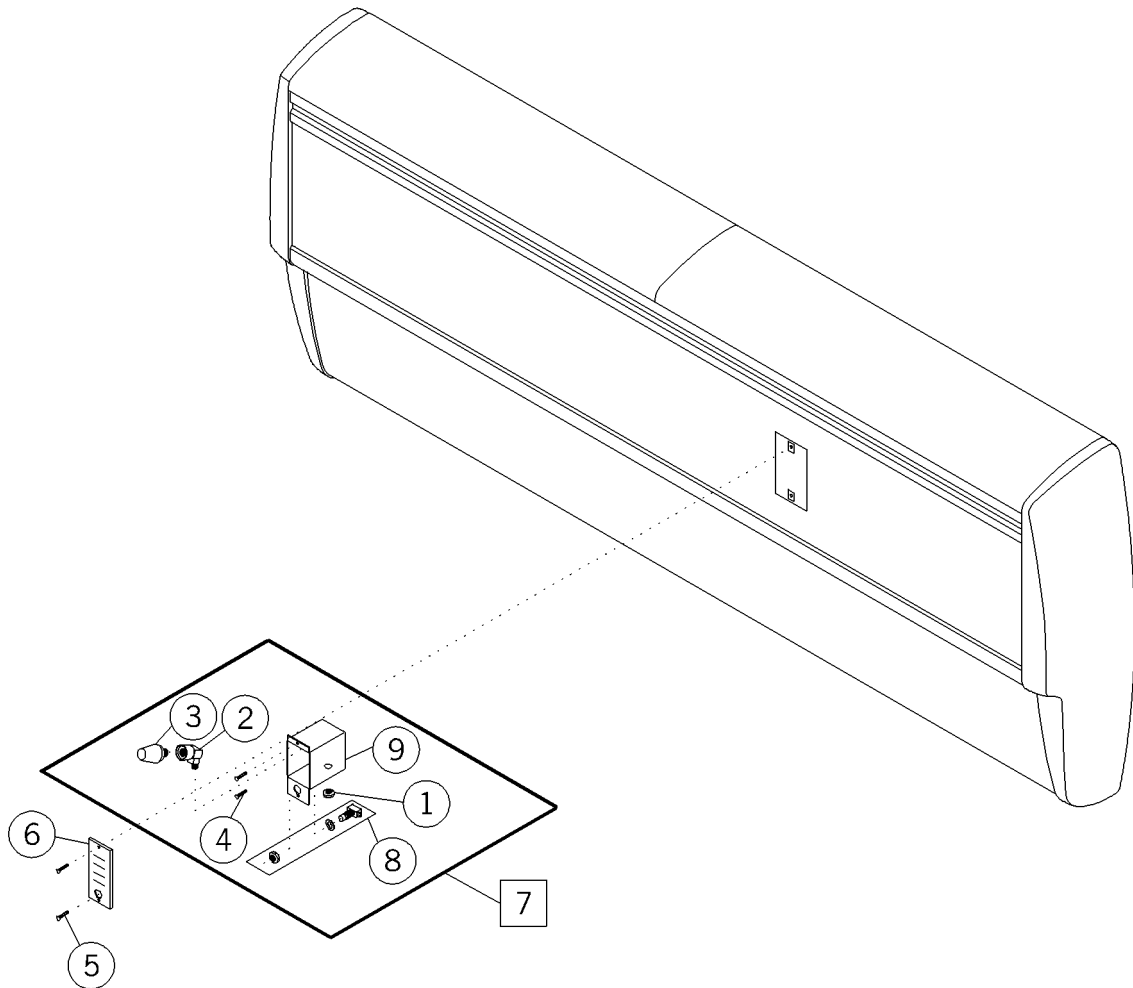
Table 5-21. Ground Receptacles

Item Number	Part Number	Quantity	Description
1	16115 (2001)	As required	Screw
2	17111 (2001)	1	Ground receptacle, Hampden
3	56694 (2001)	1	Ground receptacle, non-locking
4	56827 (2001)	1	Spacer, ground receptacle
5	56825 (2001)	1	Lockwasher
6	50798 (2001)	1	Screw
7	56906 (2001)	1	Tie bar dual ground (1) gang
8	52230 (2001)§	1	Faceplate—ground, receptacle—almond
9	56903 (2001)§	1	Faceplate dual ground
10	50590 (2001)	2	Screw

§ Specify paint color.

Chart Light

Figure 5-23. Chart Light



m148a035

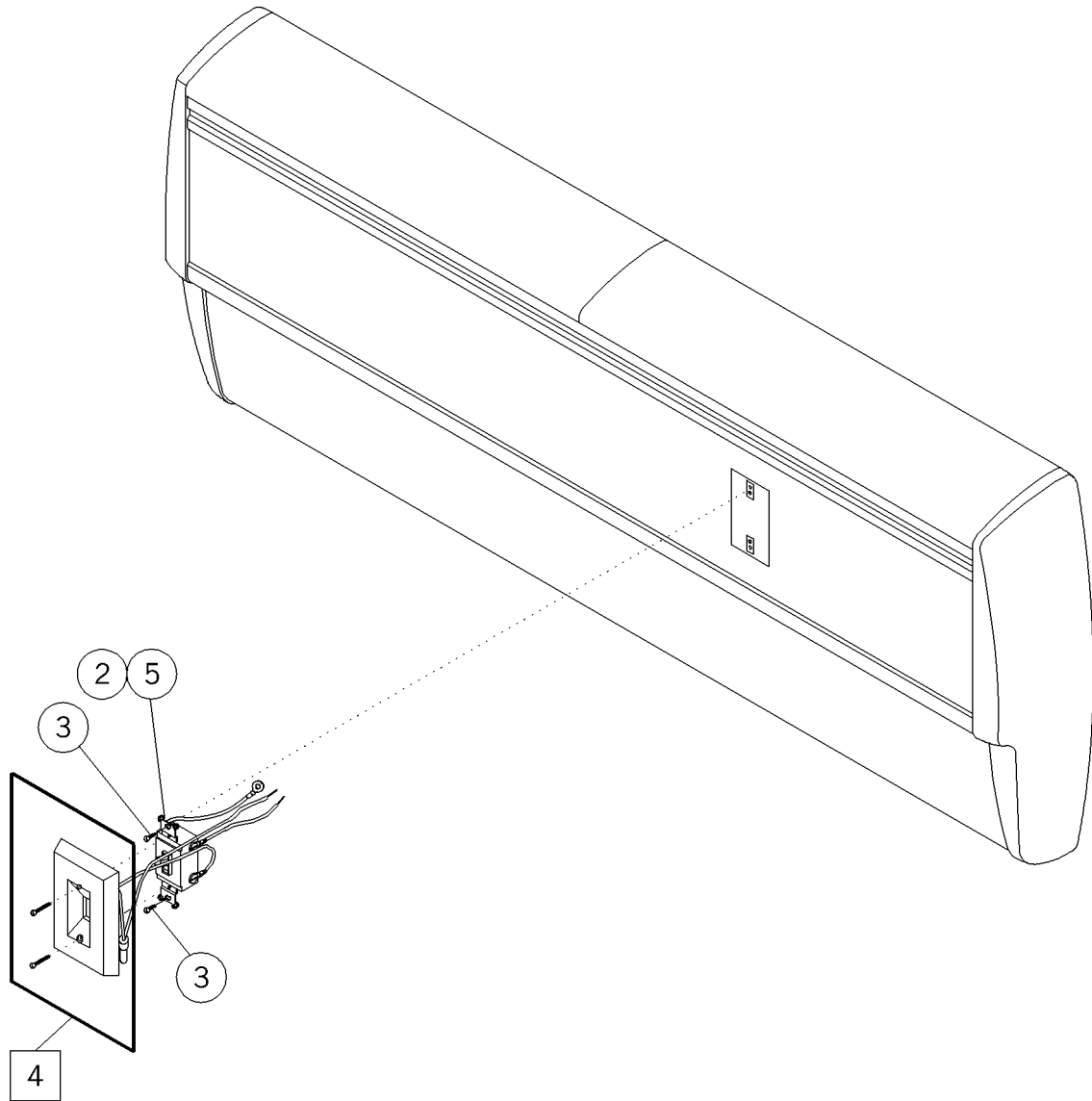
Table 5-22. Chart Light

Item Number	Part Number	Quantity	Description
1	983 (2001)	1	Locknut
2	12379 (2001)	1	Night light socket
3	15418 (2001)	1	Night light bulb
4	16115 (2001)	2	Screw
5	50590 (2001)	2	Screw
6	53744 (2001)§	1	Faceplate
7	55345 (2001)	1	Chart light assembly
8	56500 (2001)	1	Switch, push button
9	56844 (2001)	1	Reflector housing

§ Specify paint color.

Timed Light Switch

Figure 5-24. Timed Light Switch



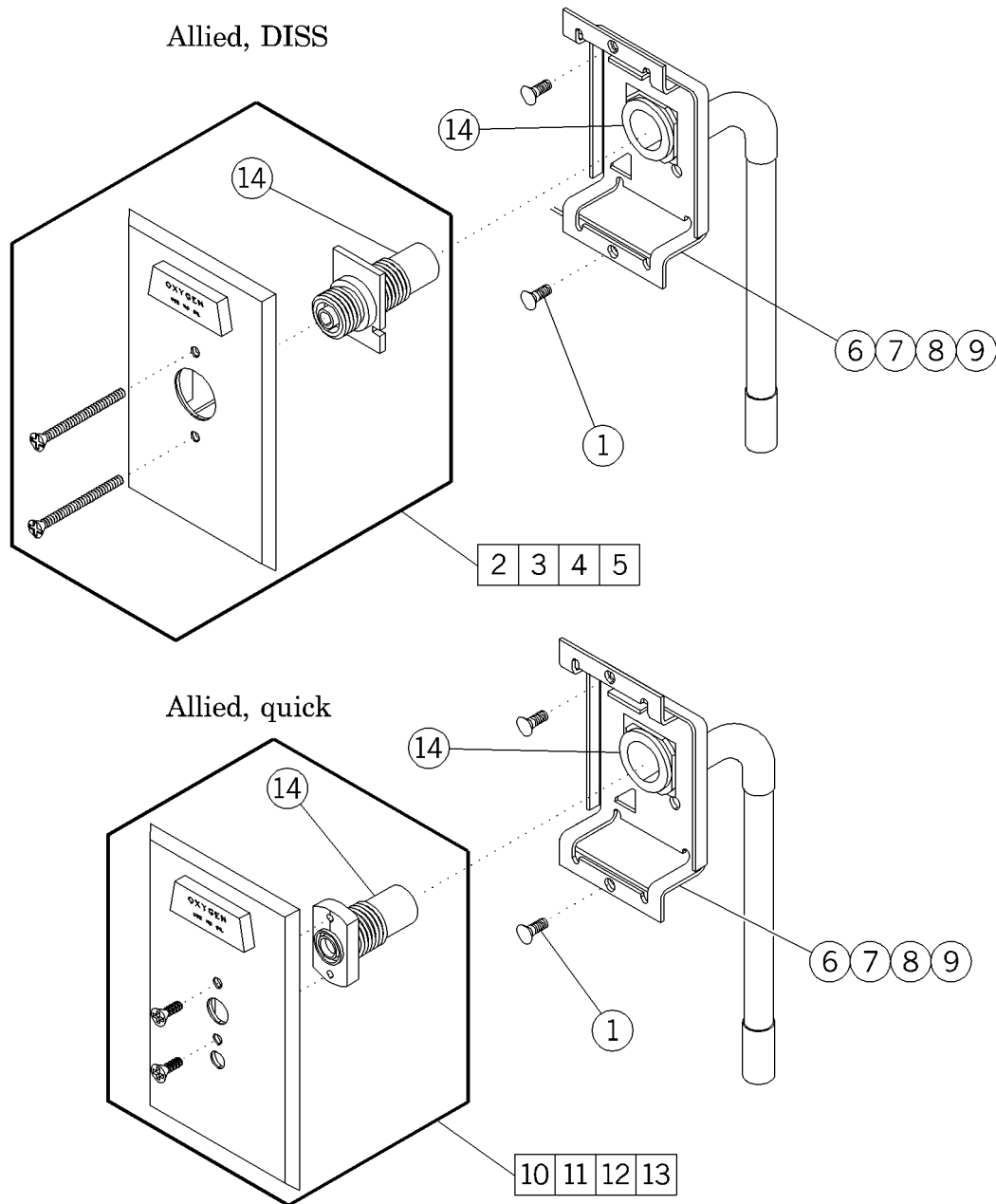
m148a036

Table 5-23. Timed Light Switch

Item Number	Part Number	Quantity	Description
1	51517-01 (2001)	1	Housing—contact
2	56824 (2001)	1	Switch, 3-way toggle
3	16115 (2001)	2	Screw
4	53888-02 (2001)	1	Timer assembly, engraved vertical
5	54675 (2001)	1	Switch, 3-way, toggle 20 amp red

Gas Outlets, Allied

Figure 5-25. Gas Outlets, Allied



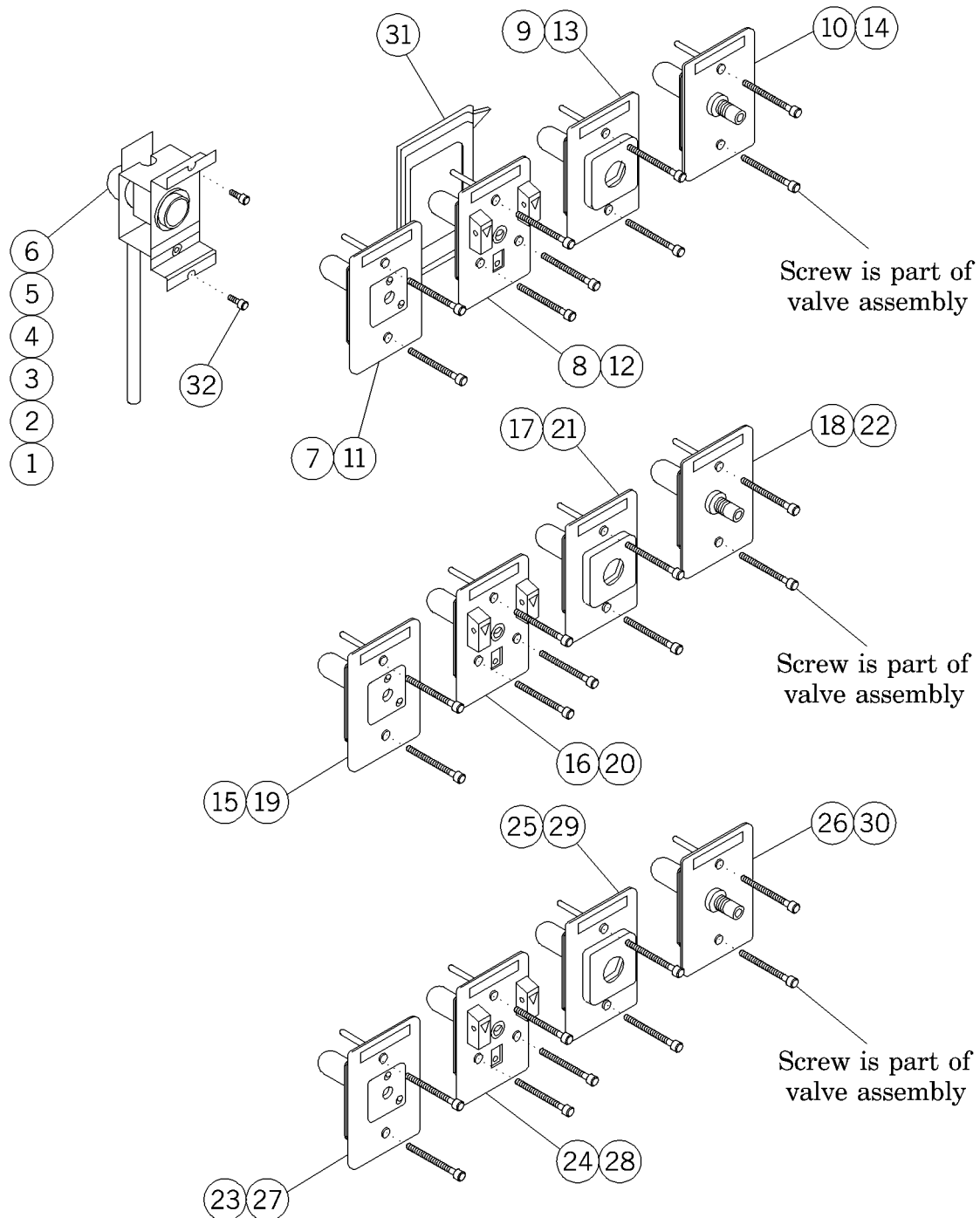
m148a037

Table 5-24. Gas Outlets, Allied

Item Number	Part Number	Quantity	Description
1	16115 (2001)	2	Screw
2	57922 (2001)	1	DISS valve and faceplate assembly oxygen
3	57923 (2001)	1	DISS valve and faceplate assembly vacuum
4	57924 (2001)	1	DISS valve and faceplate assembly air
5	57925 (2001)	1	DISS valve and faceplate assembly nitrous oxide
6	57915 (2001)	1	Backbody assembly, oxygen, Allied
7	57917 (2001)	1	Backbody assembly, vacuum, Allied
8	57919 (2001)	1	Backbody assembly, air, Allied
9	57921 (2001)	1	Backbody assembly, nitrous oxide, Allied
10	57914 (2001)	1	Quick valve and faceplate assembly oxygen
11	57916 (2001)	1	Quick valve faceplate assembly vacuum
12	57918 (2001)	1	Quick valve faceplate assembly air
13	57920 (2001)	1	Quick valve and faceplate assembly nitrous oxide
14	29030 (2001)	As required	Lubricant, O-ring

Gas Outlets, Universal Type

Figure 5-26. Gas Outlets, Universal Type



m148a038

Table 5-25. Gas Outlets, Universal Type

Item Number	Part Number	Quantity	Description
1	53474-01 (2001)	1	Backbody—console, air
2	53474-02 (2001)	1	Backbody, console—oxygen
3	53474-03 (2001)	1	Backbody, console—vacuum
4	5347405 (2001)	1	Backbody—console—air—international
5	5347406 (2001)	1	Backbody—console—oxygen—international
6	53474-07 (2001)	1	Backbody—console, vacuum
7	53482-02 (2001)	1	Valve assembly, Ohmeda—oxygen
8	53483-02 (2001)	1	Valve assembly—oxygen, Chemtron® ^a
9	53484-02 (2001)	1	Valve assembly, Puritan-Bennett® ^b —oxygen
10	53505-02 (2001)	1	Valve assembly, oxygen—DISS
11	53482-06 (2001)	1	Valve assembly—oxygen—Ohmeda® ^c international
12	5348306 (2001)	1	Valve assembly—oxygen—Chemtron®— international
13	5348406 (2001)	1	Valve assembly—oxygen— Puritan-Bennett®—international
14	5350506 (2001)	1	Valve assembly—oxygen—DISS—interna- tional
15	53482-03 (2001)	1	Valve assembly, Ohmeda®—vacuum
16	53483-03 (2001)	1	Valve assembly—vacuum, Chemtron®
17	53484-03 (2001)	1	Valve assembly—Puritan-Bennett®—vac- uum
18	53505-03 (2001)	1	Valve assembly, vacuum—DISS
19	53482-07 (2001)	1	Valve assembly—vacuum—Ohmeda® international
20	5348307 (2001)	1	Valve assembly—vacuum—Chemtron®— international
21	53484-07 (2001)	1	Valve assembly—Puritan-Bennett®—vac- uum

a. Chemetron® is a registered trademark of Allied Healthcare Products, Inc.

b. Puritan-Bennett® is a registered trademark of Puritan-Bennett Corporation.

c. Ohmeda® is a registered trademark of the BOC Group, PLC.

Item Number	Part Number	Quantity	Description
22	5350507 (2001)	1	Valve assembly—vacuum—DISS—international
23	53482-01 (2001)	1	Valve assembly, Ohmeda® ^a —air
24	53483-01 (2001)	1	Valve assembly—air, Chemtron® ^b
25	53484-01 (2001)	1	Valve assembly—Puritan-Bennett® ^c , air
26	53505-01 (2001)	1	Valve assembly—air/DISS domestic
27	53482-05 (2001)	1	Valve assembly—air—Ohmeda®—international
28	5348305 (2001)	1	Valve assembly—air—Chemtron®—international
29	5348405 (2001)	1	Valve assembly—air—Puritan-Bennett®—international
30	53505-05 (2001)	1	Valve assembly—air, DISS
31	53504 (2001)	1	Bezel—gas outlet—console
32	16115 (2001)	2	Screw

a. Ohmeda® is a registered trademark of the BOC Group, PLC.

b. Chemetron® is a registered trademark of Allied Healthcare Products, Inc.

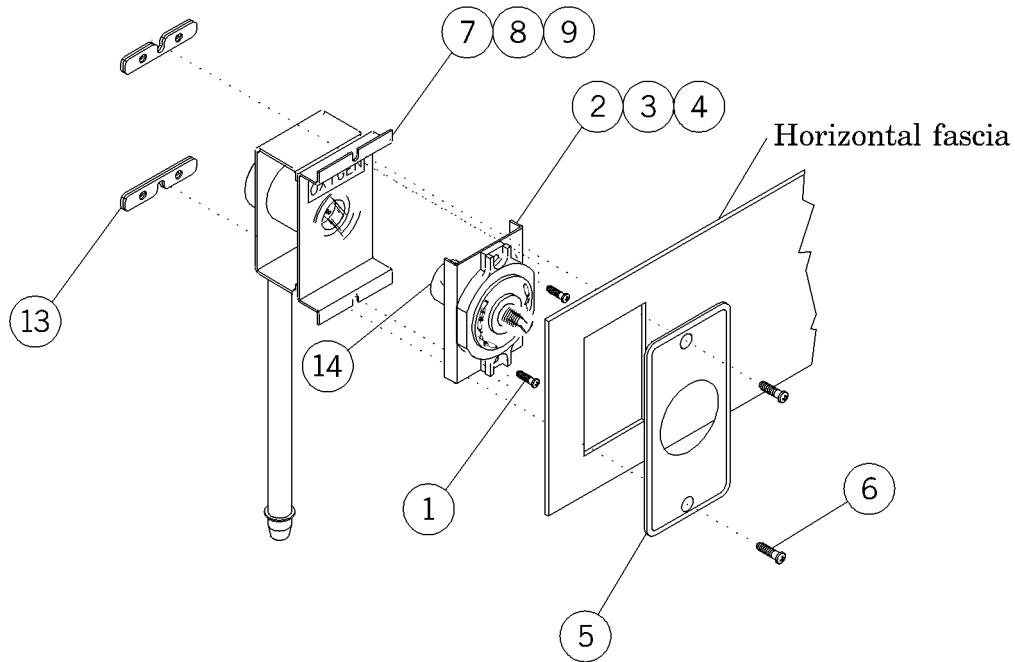
c. Puritan-Bennett® is a registered trademark of Puritan-Bennett Corporation.

NOTES:

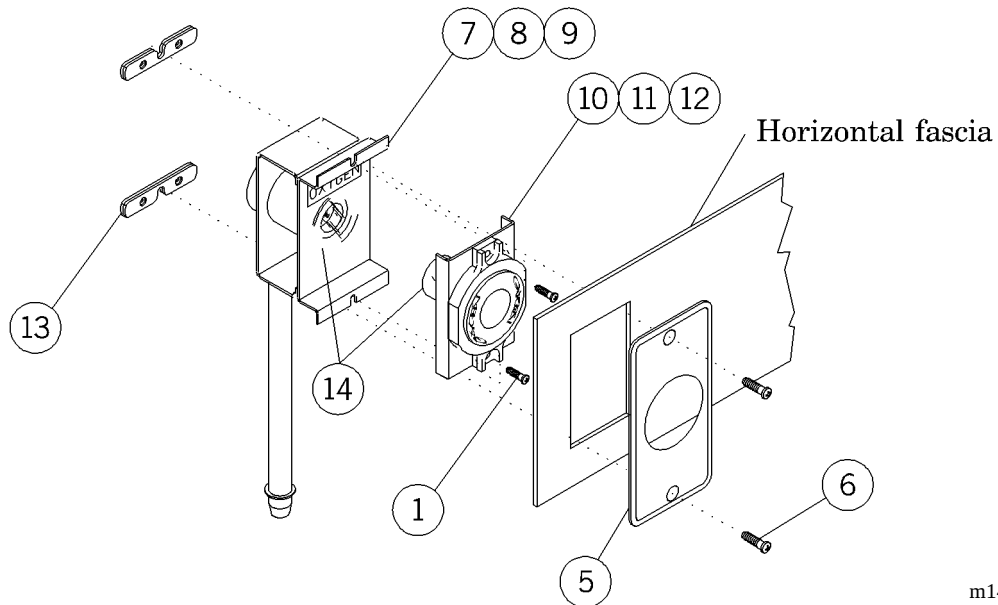
Gas Outlets, Ohio Medical

Figure 5-27. Gas Outlets, Ohio

Ohio, DISS



Ohio, quick



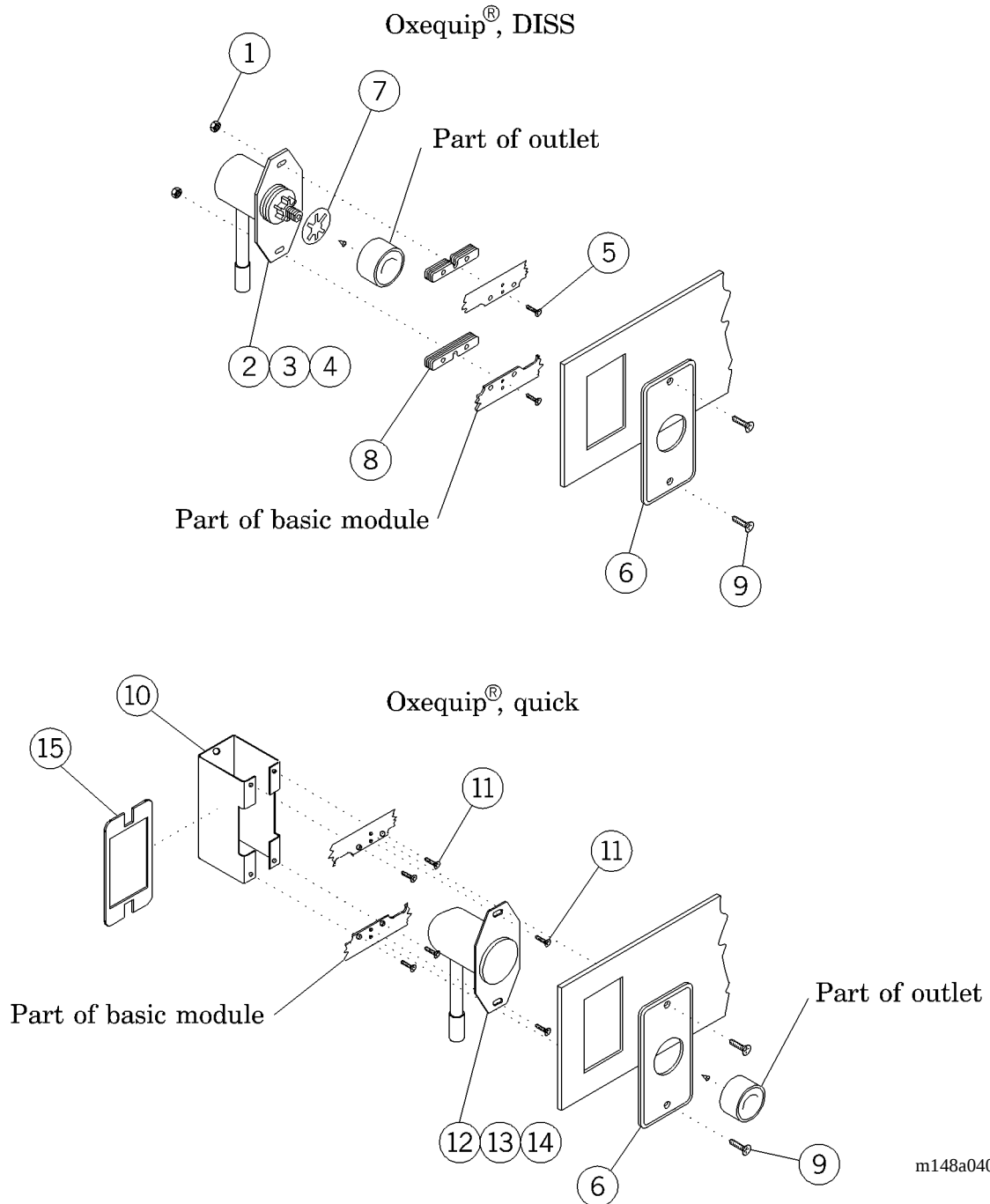
m148a039

Table 5-26. Gas Outlets, Ohio

Item Number	Part Number	Quantity	Description
1	16115 (2001)	2	Screw
2	29532 (2001)	1	Valve DISS oxygen
3	29533 (2001)	1	Valve DISS vacuum
4	29531 (2001)	1	Valve DISS air
5	54004 (2001)	1	Faceplate, gas—Ohio
6	50590 (2001)	2	Screw
7	29578 (2001)	1	Gas backbody oxygen
8	29579 (2001)	1	Gas backbody vacuum
9	29577 (2001)	1	Gas backbody air
10	29535 (2001)	1	Valve quick oxygen
11	29536 (2001)	1	Valve quick vacuum
12	29534 (2001)	1	Valve quick air
13	50341 (2001)	4	Gas spacer
14	29030 (2001)	1	Lubricant, O-ring

Gas Outlets, Oxequip®¹

Figure 5-28. Gas Outlets, Oxequip®



1. Oxequip® is a registered trademark of Allied Healthcare Products, Inc.

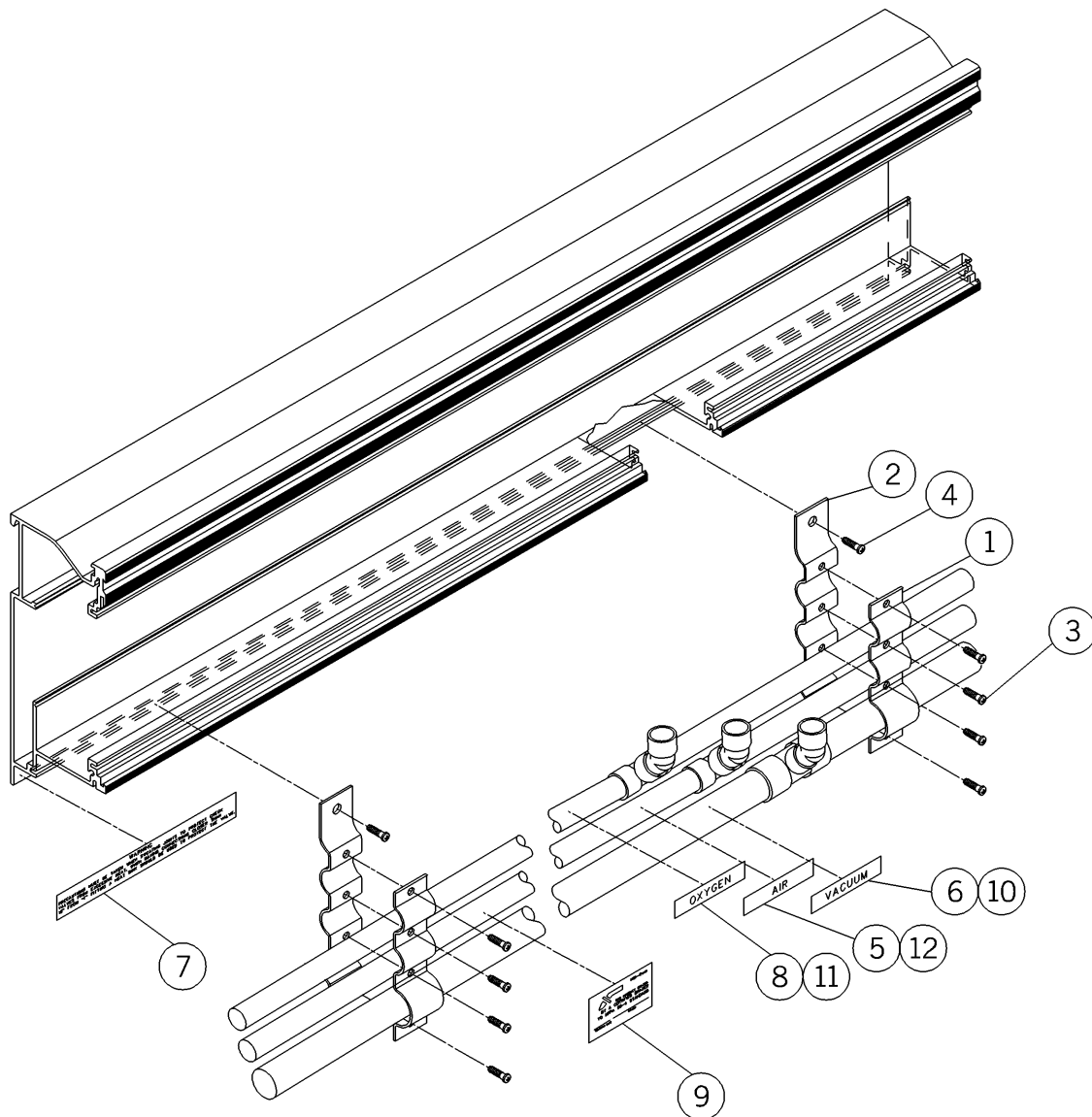
Table 5-27. Gas Outlets, Oxequip®¹

Item Number	Part Number	Quantity	Description
1	15250 (2001)	2	Locknut washer base
2	31522 (2001)	1	Oxygen outlet DISS
3	31520 (2001)	1	Vacuum outlet DISS
4	31521 (2001)	1	Air outlet DISS
5	52243-05 (2001)	2	Screw
6	54004 (2001)	1	Faceplate, gas—Ohio
7	54134pl (2001)	1	Spacer, Oxequip® DISS
8	50341 (2001)	8	Gas spacer
9	50590 (2001)	2	Screw
10	52362 (2001)	1	Stabilizer
11	16115 (2001)	6	Screw
12	31519 (2001)	1	Oxygen outlet quick—Oxequip®
13	31517 (2001)	1	Vacuum outlet quick—Oxequip®
14	31518 (2001)	1	Air outlet quick—Oxequip®
15	204519 (2001)	1	Stabilizer plate

1. Oxequip® is a registered trademark of Allied Healthcare Products, Inc.

Gas Manifold Assembly (M200230)

Figure 5-29. Gas Manifold Assembly (M200230)



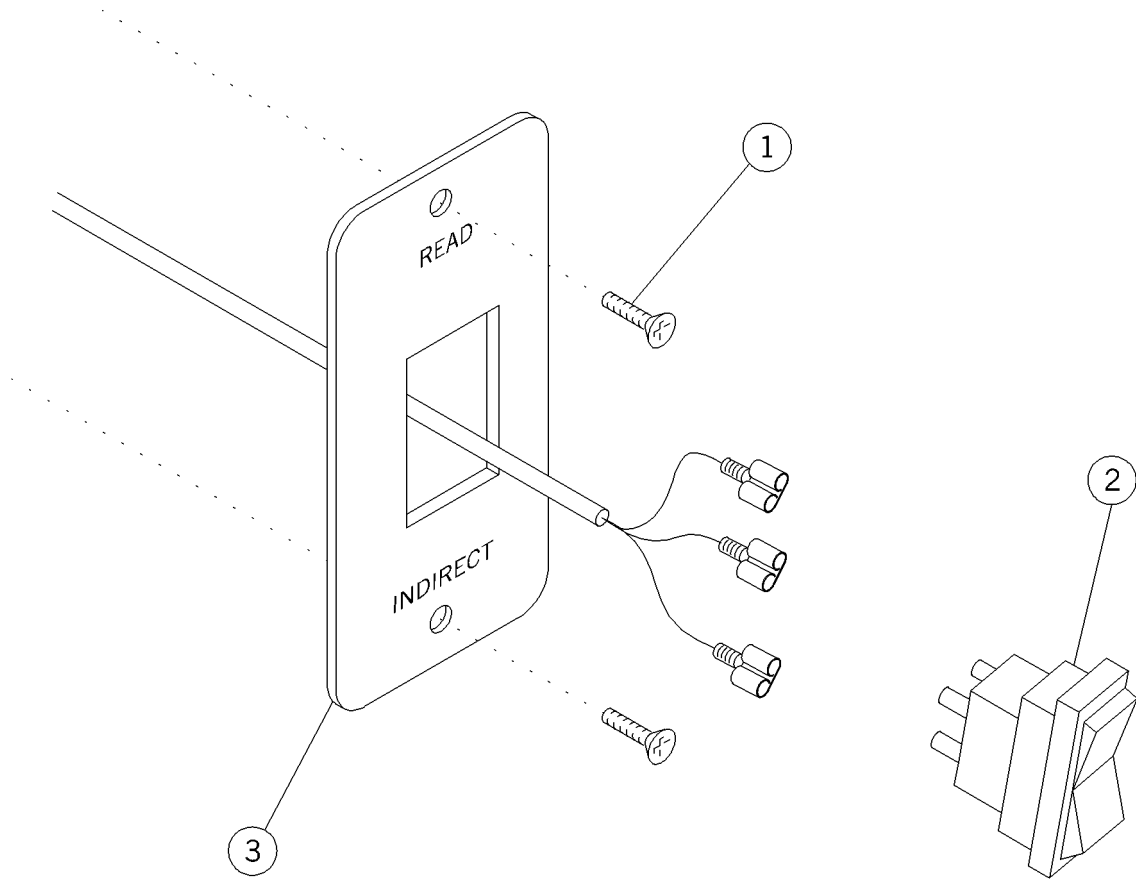
m148a042

Table 5-28. Gas Manifold Assembly (M200230)

Item Number	Part Number	Quantity	Description
1	53207 (2001)	2	Clamp—riser tree
2	53352 (2001)	2	Bracket—riser tree
3	5255502 (2001)	8	Screw
4	52555-03 (2001)	2	Screw
5	22454 (2001)	1	Label—air, Domestic
6	22455 (2001)	1	Label—vacuum, Domestic
7	52456 (2001)	1	Label—warning
8	22453 (2001)	1	Label—oxygen, Domestic
9	59019 (2001)	1	Label—brazed by
10	53382-01 (2001)	1	Label—CSA vacuum, International
11	53382-02 (2001)	1	Label—CSA oxygen, International
12	53382-03 (2001)	1	Label—CSA air, International

Low Voltage Switch

Figure 5-30. Low Voltage Switch



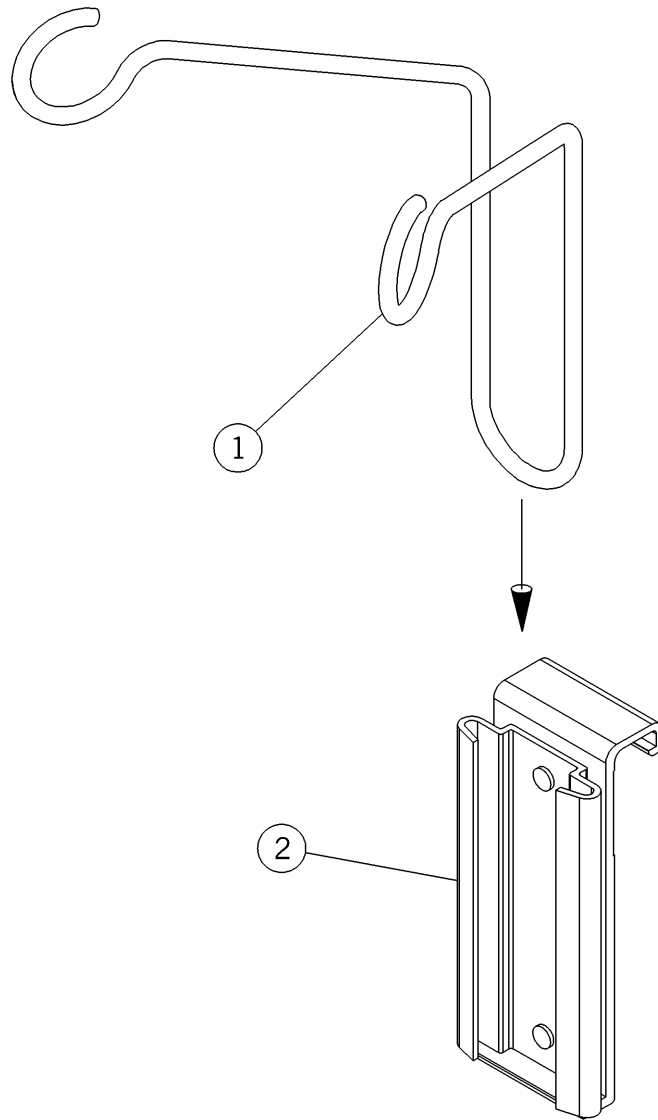
m148a043

Table 5-29. Low Voltage Switch

Item Number	Part Number	Quantity	Description
1	50590 (2001)	2	Screw
2	53224 (2001)	1	Switch, modified
3	53750 (2001)	1	Faceplate

IV Hanger, Slide Mounted (P971H00) P2001

Figure 5-31. IV Hanger, Slide Mounted (P971H00) P2001



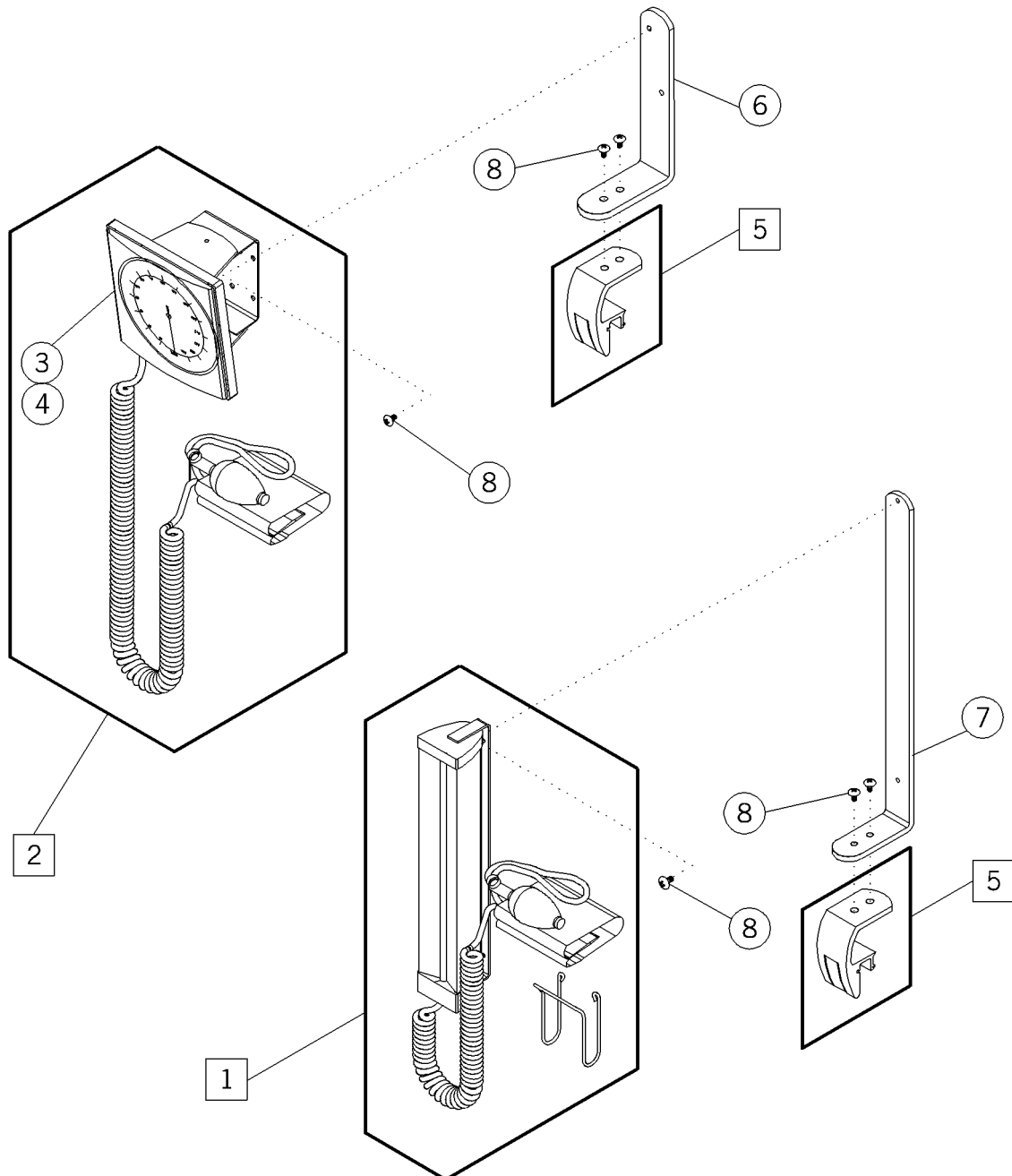
m148_044

Table 5-30. IV Hanger, Slide Mounted (P971H00) P2001

Item Number	Part Number	Quantity	Description
1	53128 (2001)	1	IV mount
2	1020A1 (2001)	1	Bottle

Mercury Sphygmomanometer (P977-00) and Aneroid Sphygmomanometer (P978-01) P2001

Figure 5-32. Mercury Sphygmomanometer (P977-00) and Aneroid Sphygmomanometer (P978-01) P2001



m148a045

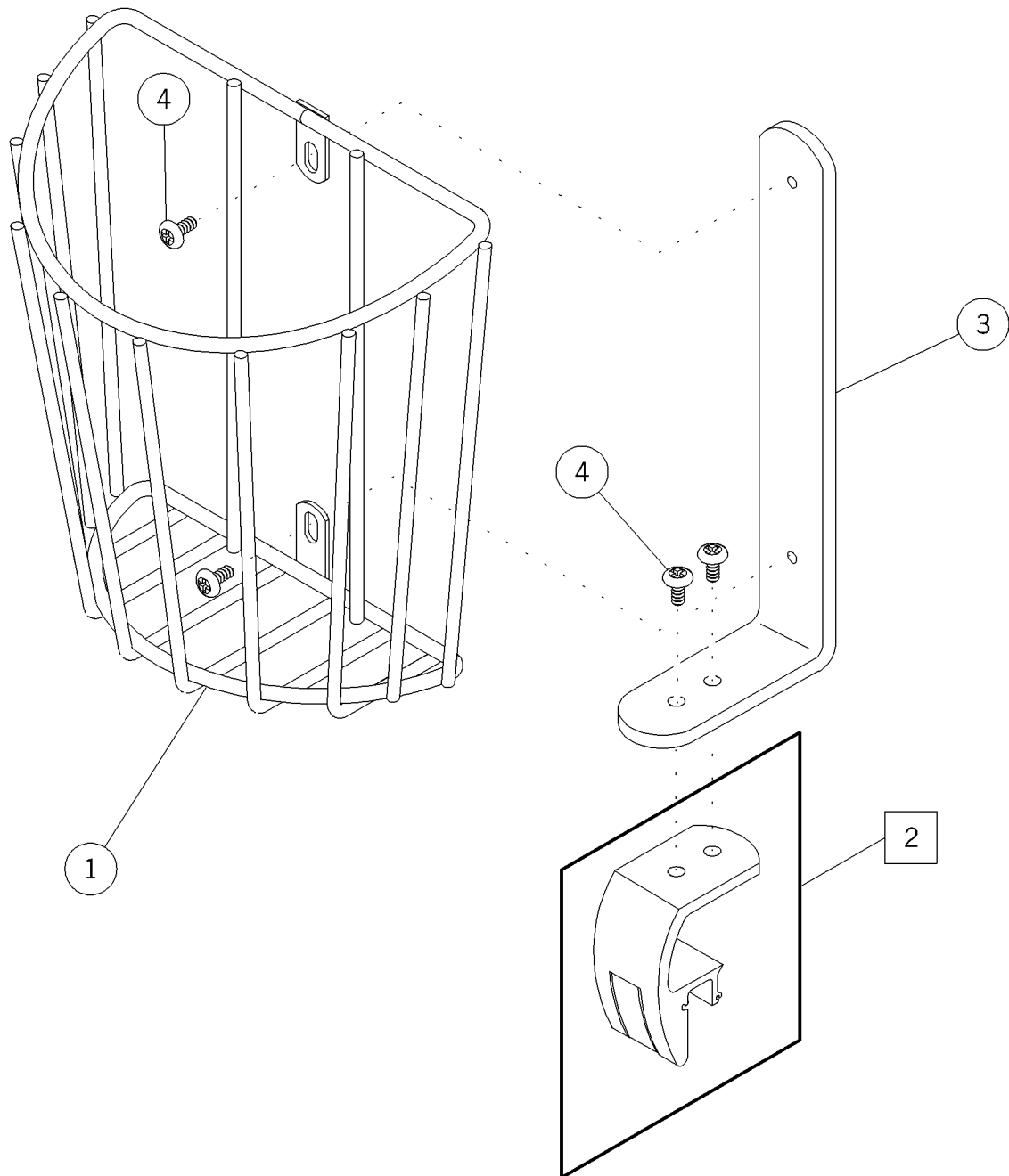
Table 5-31. Mercury Sphygmomanometer (P977-00) and Aneroid Sphygmomanometer (P978-01) P2001

Item Number	Part Number	Quantity	Description
1	977-00 (2001)	1	Mercury sphygmomanometer
2	P978-01 (2001)	1	Aneroid sphygmomanometer
3	28586 (2001)	1	Aneroid sphygmomanometer
4	28586-02 (2001)	1	Aneroid sphygmomanometer— charcoal face
5	59196 (2001)	1	Track mount assembly
6	59199 (2001)§	1	Bracket, mercury sphygmomanometer
7	59200 (2001)§	1	Bracket, aneroid sphygmomanometer
8	54610-01 (2001)	4	Screw

§ Specify paint color.

Cuff Basket (P102802) P2001

Figure 5-33. Cuff Basket (P102802) P2001



m148a046

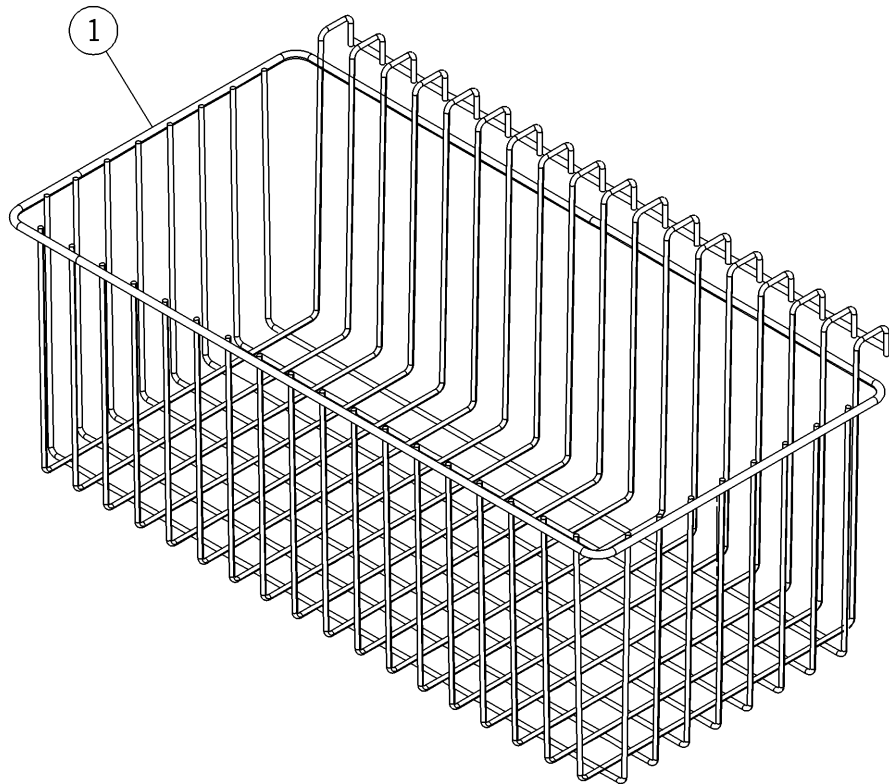
Table 5-32. Cuff Basket (P102802) P2001

Item Number	Part Number	Quantity	Description
1	56875 (2001)	1	Cuff basket
2	59196 (2001)	1	Track mount assembly
3	59198 (2001)§	1	Bracket, cuff basket
4	54610-01 (2001)	4	Screw

§ Specify paint color.

Large Storage Basket (P1029L2) P2001

Figure 5-34. Large Storage Basket (P1029L2) P2001



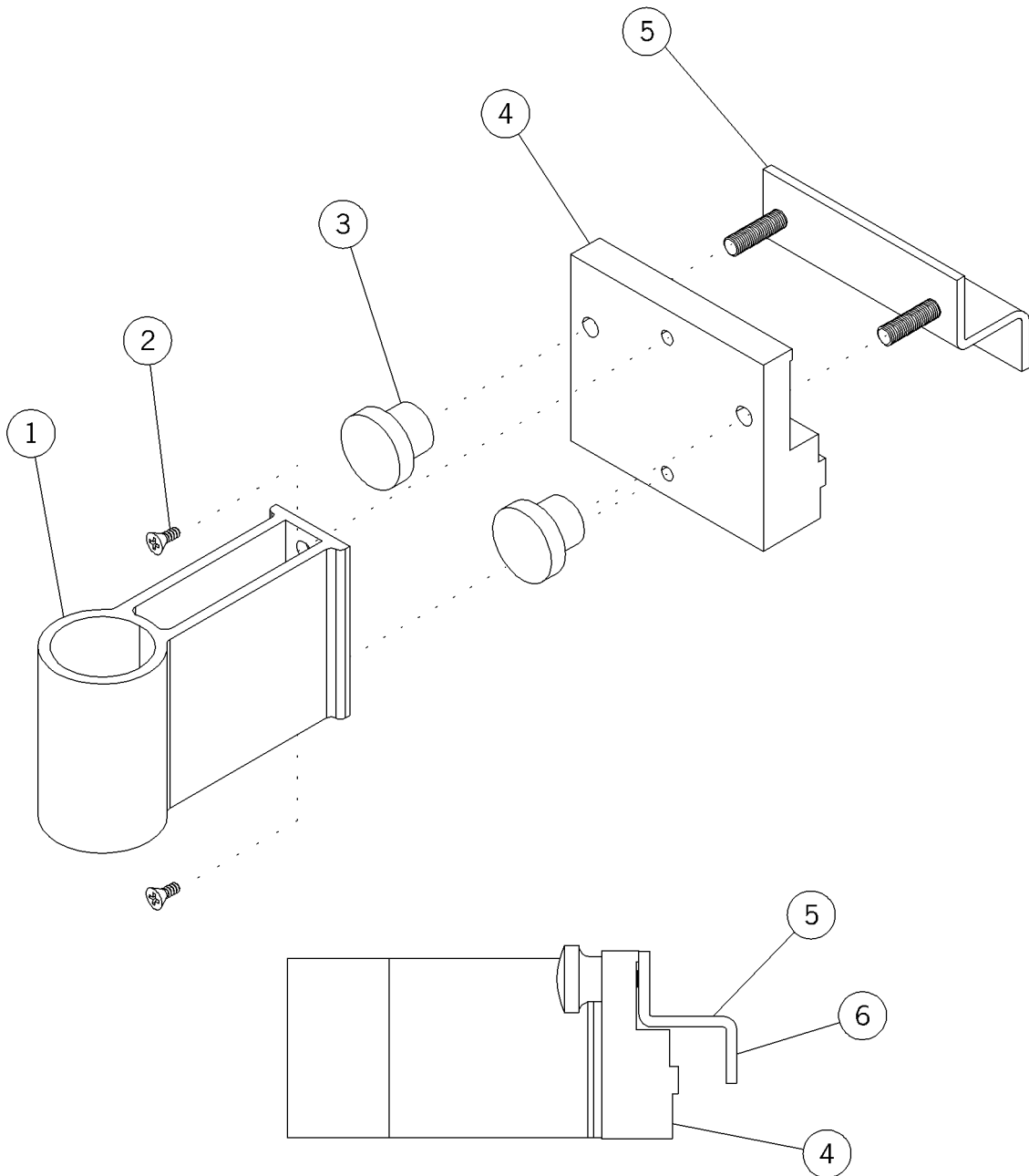
m148_047

Table 5-33. Large Storage Basket (P1029L2) P2001

Item Number	Part Number	Quantity	Description
1	P1029L2 (2001)	1	Large storage basket

Universal Holder (P102302) P2001

Figure 5-35. Universal Holder (P102302) P2001



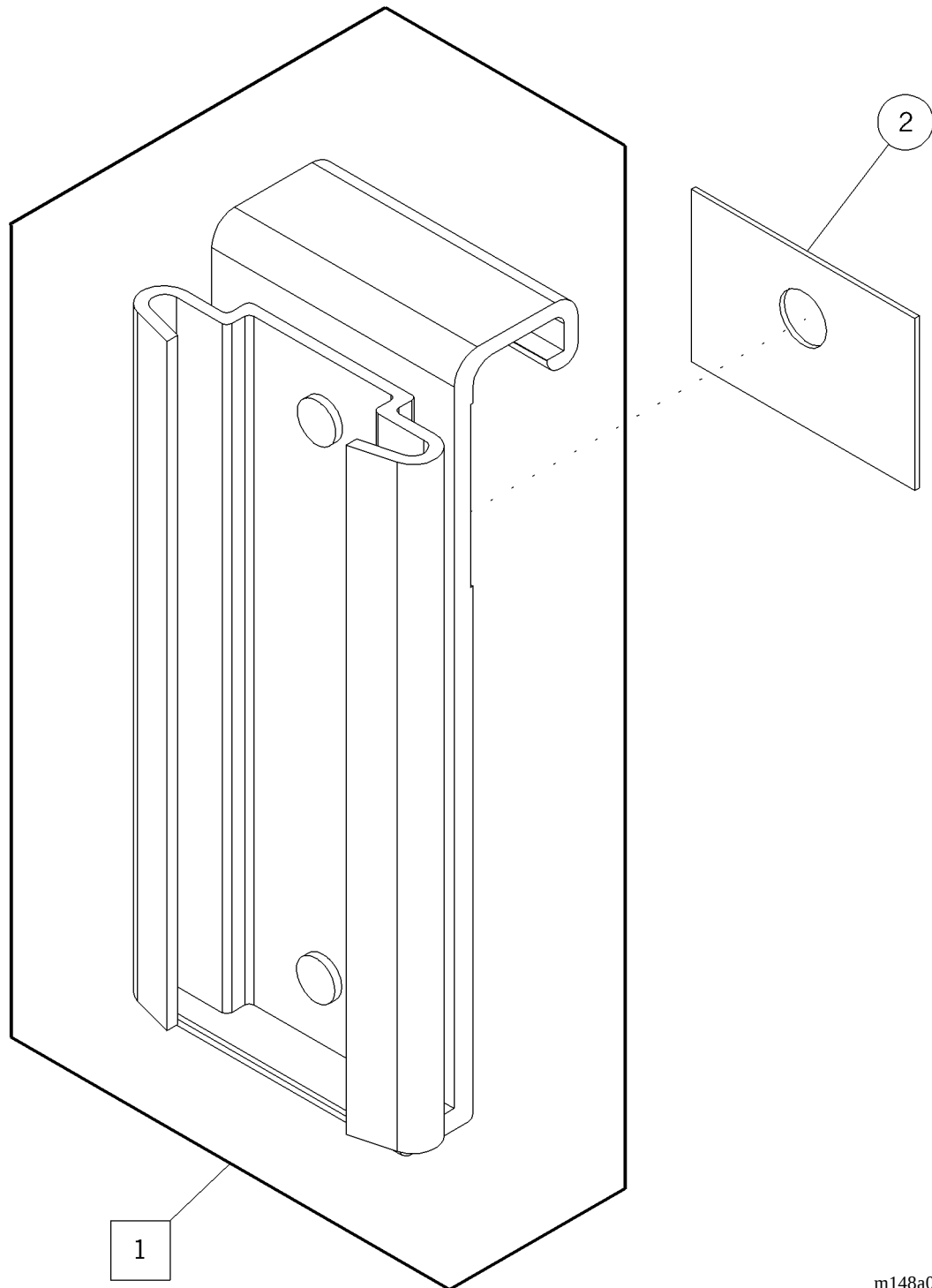
m148a048

Table 5-34. Universal Holder (P102302) P2001

Item Number	Part Number	Quantity	Description
1	52570 (2001)	1	Holder—984
2	34099 (2001)	2	Screw
3	59504 (2001)	2	Knob
4	59508 (2001)	1	Face clamp, universal mount
5	59510 (2001)	1	Clamp assembly, universal mount
6	59755 (2001)	1	Label, product ID

Utility/Bottle Slide Mount (P1020A1) P2001

Figure 5-36. Utility/Bottle Slide Mount (P1020A1) P2001



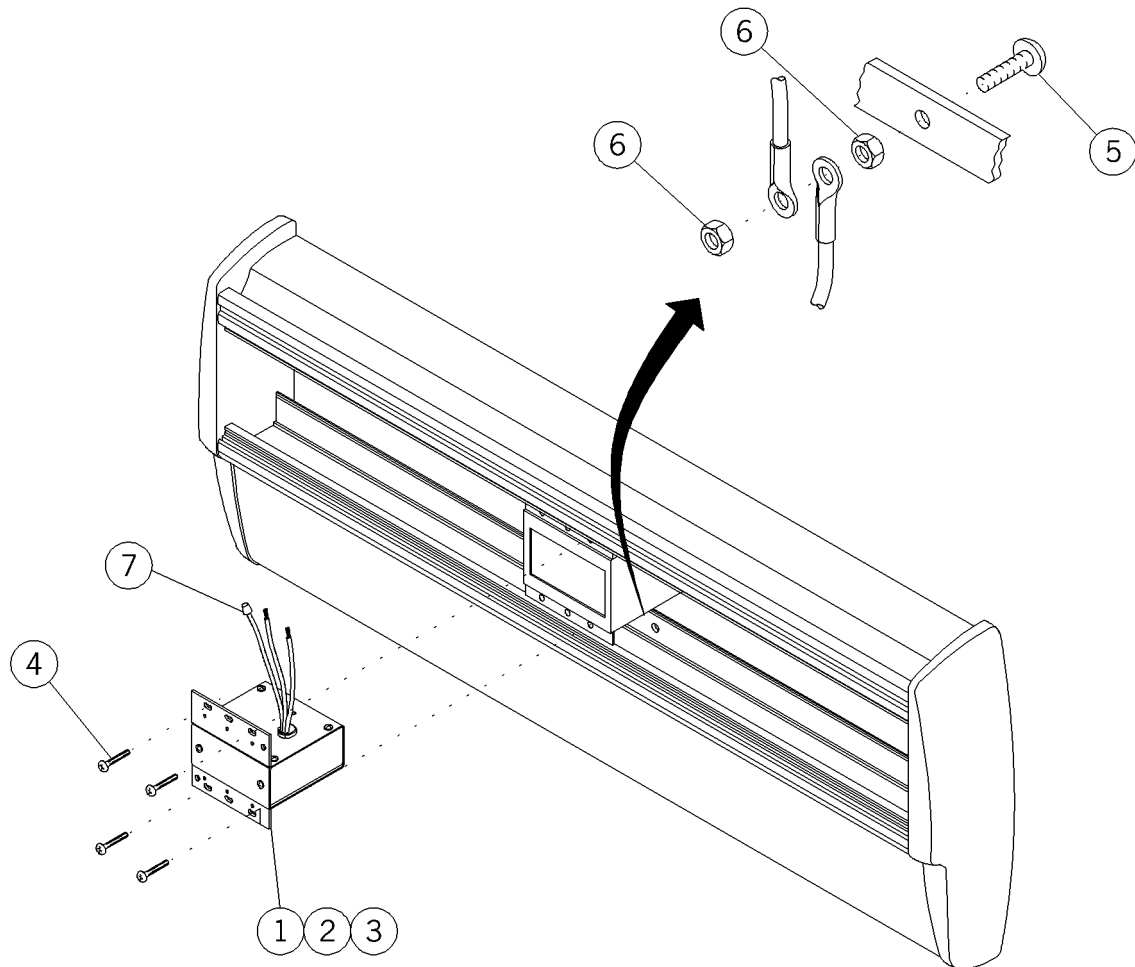
m148a049

Table 5-35. Utility/Bottle Slide Mount (P1020A1) P2001

Item Number	Part Number	Quantity	Description
1	1020A1 (2001)	1	Bottle slide
2	52793 (2001)	1	Skid pad

Low Voltage Controller Option

Figure 5-37. Low Voltage Controller Option



m148a050

Table 5-36. Low Voltage Controller Option

Item Number	Part Number	Quantity	Description
1	203507120 (2001)	1	Low voltage controller assy, 120V
2	5463202 (2001)	1	Controller, complete, 240V
3	54632-03 (2001)	1	Controller, complete, 277V
4	16115 (2001)	4	Screw
5	52243-05 (2001)	1	Screw
6	15250 (2001)	2	Locknut, washer base
7	32741 (2001)	7	Wire joint

Figure 5-38. Accessory Bar Assembly—P2001B

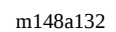


Table 5-37. Accessory Bar Assembly—P2001B

Item Number	Part Number	Quantity	Description
1	204670-01 (2001)	1	Rail accessory 9" long
2	204670-02 (2001)	1	Rail accessory 12" long
3	204670-03 (2001)	1	Rail accessory 15" long
4	204670-04 (2001)	1	Rail accessory 18" long
5	204670-05 (2001)	1	Rail accessory 21" long
6	204670-06 (2001)	1	Rail accessory 24" long
7	204670-07 (2001)	1	Rail accessory 27" long
8	204670-08 (2001)	1	Rail accessory 30" long
9	204670-09 (2001)	1	Rail accessory 33" long
10	204670-10 (2001)	1	Rail accessory 36" long
11	204670-11 (2001)	1	Rail accessory 39" long
12	204670-12 (2001)	1	Rail accessory 42" long
13	204670-13 (2001)	1	Rail accessory 45" long
14	204670-14 (2001)	1	Rail accessory 48" long
15	204670-15 (2001)	1	Rail accessory 51" long
16	204670-16 (2001)	1	Rail accessory 54" long
17	204670-17 (2001)	1	Rail accessory 57" long

Item Number	Part Number	Quantity	Description
18	204762-01 (2001)	1	HPL fascia, lower accessory rail 9" long
19	204762-02 (2001)	1	HPL fascia, lower accessory rail 12" long
20	204762-03 (2001)	1	HPL fascia, lower accessory rail 15" long
21	204762-04 (2001)	1	HPL fascia, lower accessory rail 18" long
22	204762-05 (2001)	1	HPL fascia, lower accessory rail 21" long
23	204762-06 (2001)	1	HPL fascia, lower accessory rail 24" long
24	204762-07 (2001)	1	HPL fascia, lower accessory rail 27" long
25	204762-08 (2001)	1	HPL fascia, lower accessory rail 30" long
26	204762-09 (2001)	1	HPL fascia, lower accessory rail 33" long
27	204762-10 (2001)	1	HPL fascia, lower accessory rail 36" long
28	204762-11 (2001)	1	HPL fascia, lower accessory rail 39" long
29	204762-12 (2001)	1	HPL fascia, lower accessory rail 42" long
30	204762-13 (2001)	1	HPL fascia, lower accessory rail 45" long
31	204762-14 (2001)	1	HPL fascia, lower accessory rail 48" long
32	204762-15 (2001)	1	HPL fascia, lower accessory rail 51" long
33	204762-16 (2001)	1	HPL fascia, lower accessory rail 54" long
34	204762-17 (2001)	1	HPL fascia, lower accessory rail 57" long
35	204150 (2001)	2	End cap, accessory rail

Item Number	Part Number	Quantity	Description
36	204756 (2001)‡	2	Bracket, accessory rail
37	34001 (2001)‡	2	Slide lock
38	202259-05 (2001)‡	2	Stand-off, fascia 3.125" long
39	204085 (2001)‡‡	8	Screw, flat head
40	56841 (2001)‡‡‡	4	Shim washer
41	15338 (2001)‡‡‡	4	Screw, truss head
42	204764 (2001)	1	Bag assembly (not shown)
43	53187 (2001)	1	Carton (not shown)
44	51211 (2001)	1	Label, shipping (not shown)

‡ 2 places on assemblies -01, -02, and -03 only.
 3 places on assemblies -04 through -09 only.
 4 places on assemblies -10 through -15 only.
 5 places on assemblies -16 and -17 only.

‡‡ 8 places on assemblies -01, -02, and -03 only.
 12 places on assemblies -04 through -09 only.
 16 places on assemblies -10 through -15 only.
 20 places on assemblies -16 and -17 only.

‡‡‡ 4 places on assemblies -01, -02, and -03 only.
 6 places on assemblies -04 through -09 only.
 8 places on assemblies -10 through -15 only.
 10 places on assemblies -16 and -17 only.

Support Arm Assembly (P170001-01) P2001B

Figure 5-39. Support Arm Assembly (P170001-01) P2001B

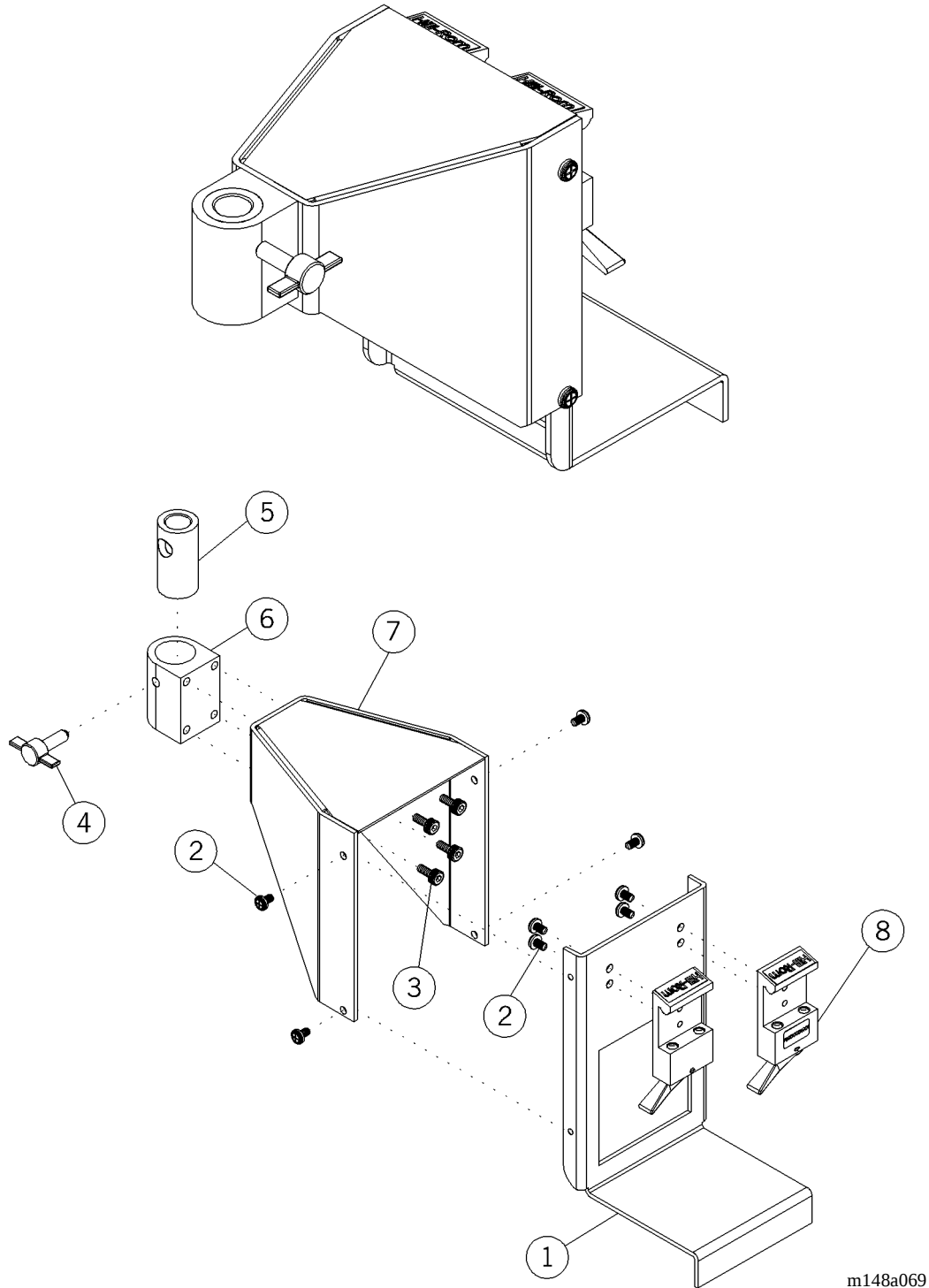
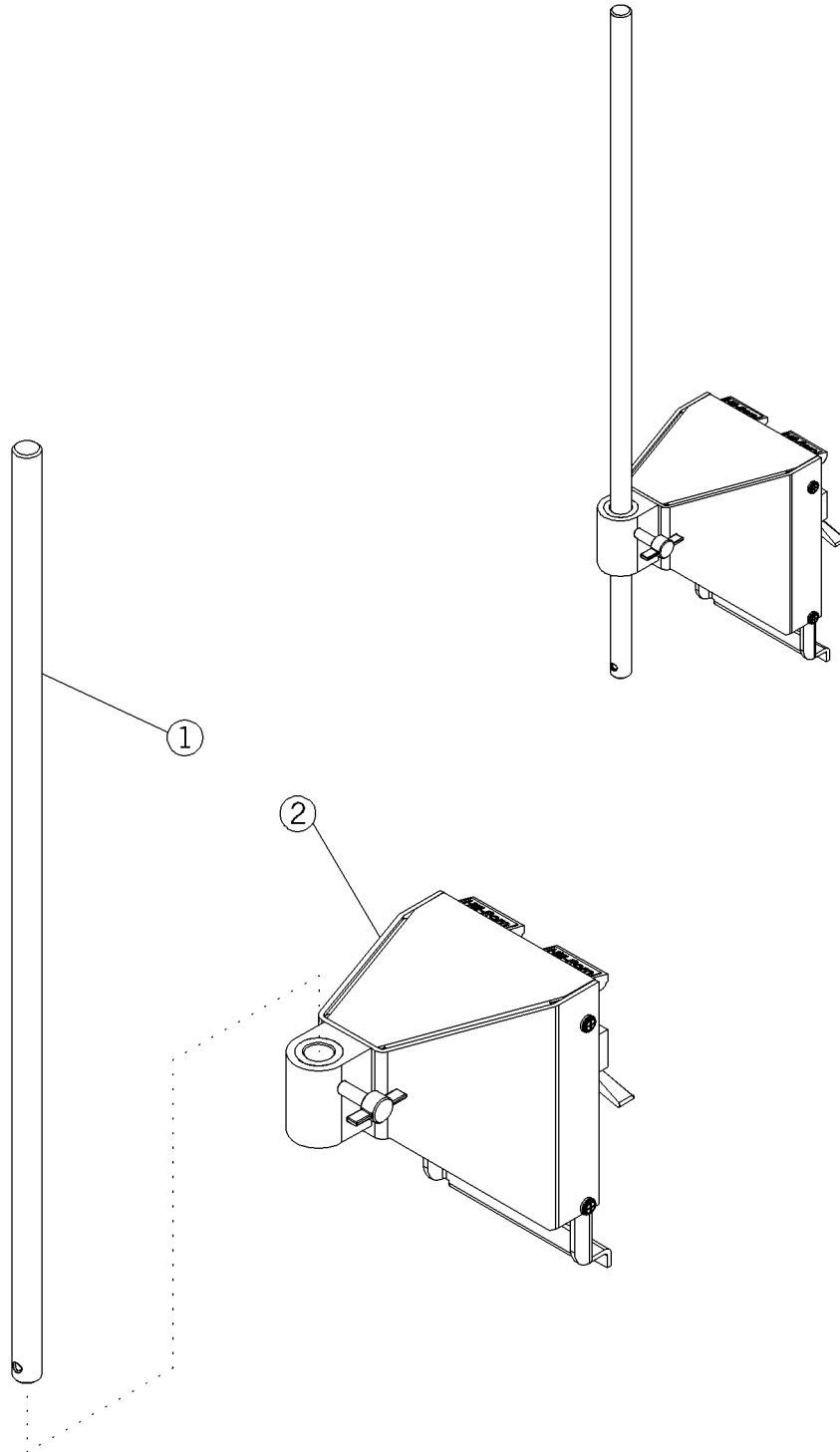


Table 5-38. Support Arm Assembly (P170001-01) P2001B

Item Number	Part Number	Quantity	Description
1	5310-2000-065 (2001)	1	Bracket, support IV
2	5890-0063-000 (2001)	8	Pan head screw
3	6812-2000-646 (2001)	4	Cap head screw
4	5310-2000-064 (2001)	1	Knob, assembly
5	5310-2000-063 (2001)	1	Adaptor, modified
6	5310-2000-067 (2001)	1	IV block modified
7	5310-2100-038 (2001)	1	Weldment utility mount
8	5110-3002-000 (2001)	2	Assembly, adaptor, cam

Utility Mount, Single Post (P170003-01) P2001B

Figure 5-40. Utility Mount, Single Post (P170003-01) P2001B



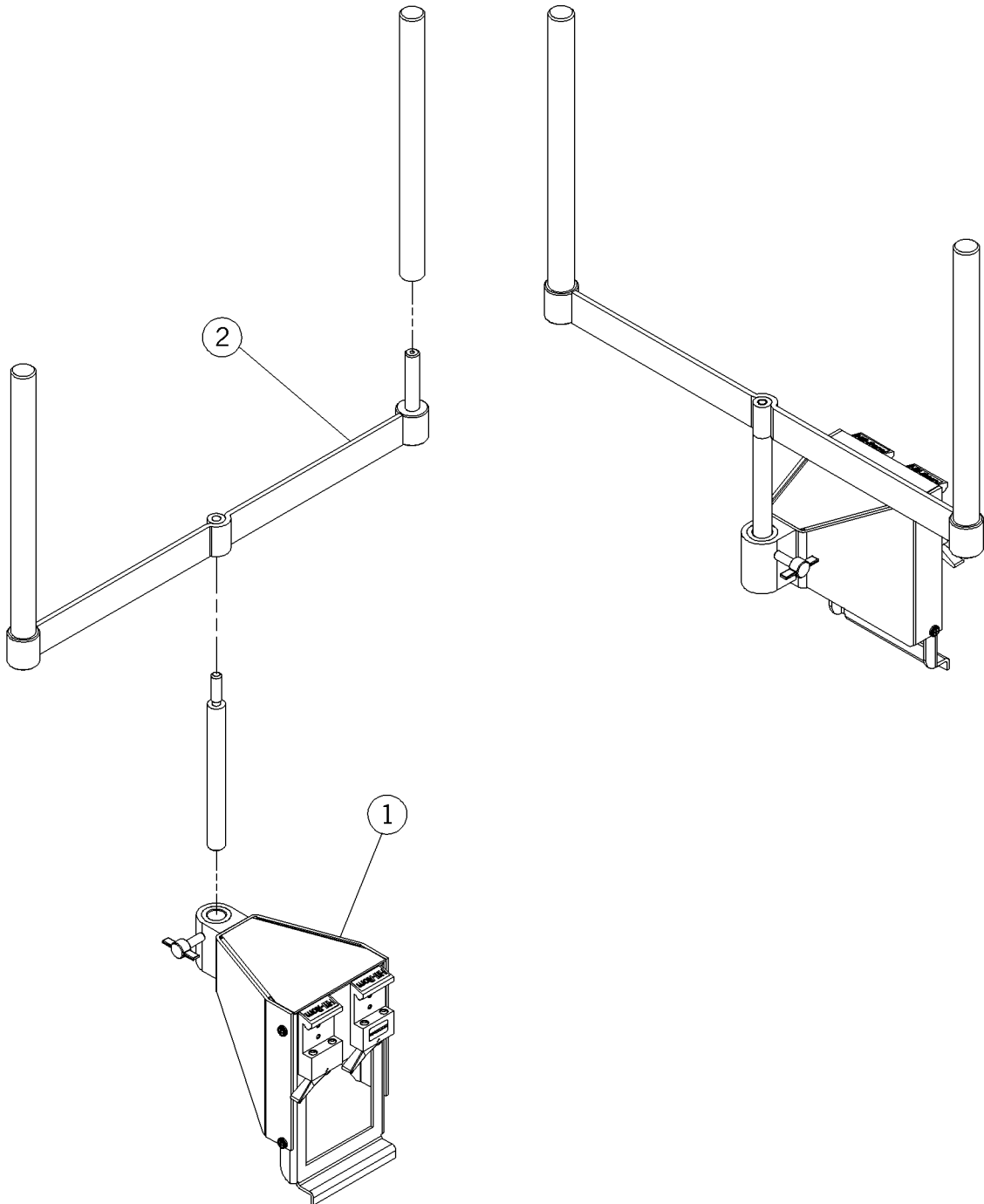
m148a071

Table 5-39. Utility Mount, Single Post (P170003-01) P2001B

Item Number	Part Number	Quantity	Description
1	5310-2000-070 (2001)	1	Support, bar
2	5310-2100-039 (2001)	1	Utility mount post type

Utility Mount, Dual Post (P170004-01) P2001B

Figure 5-41. Utility Mount, Dual Post (P170004-01) P2001B



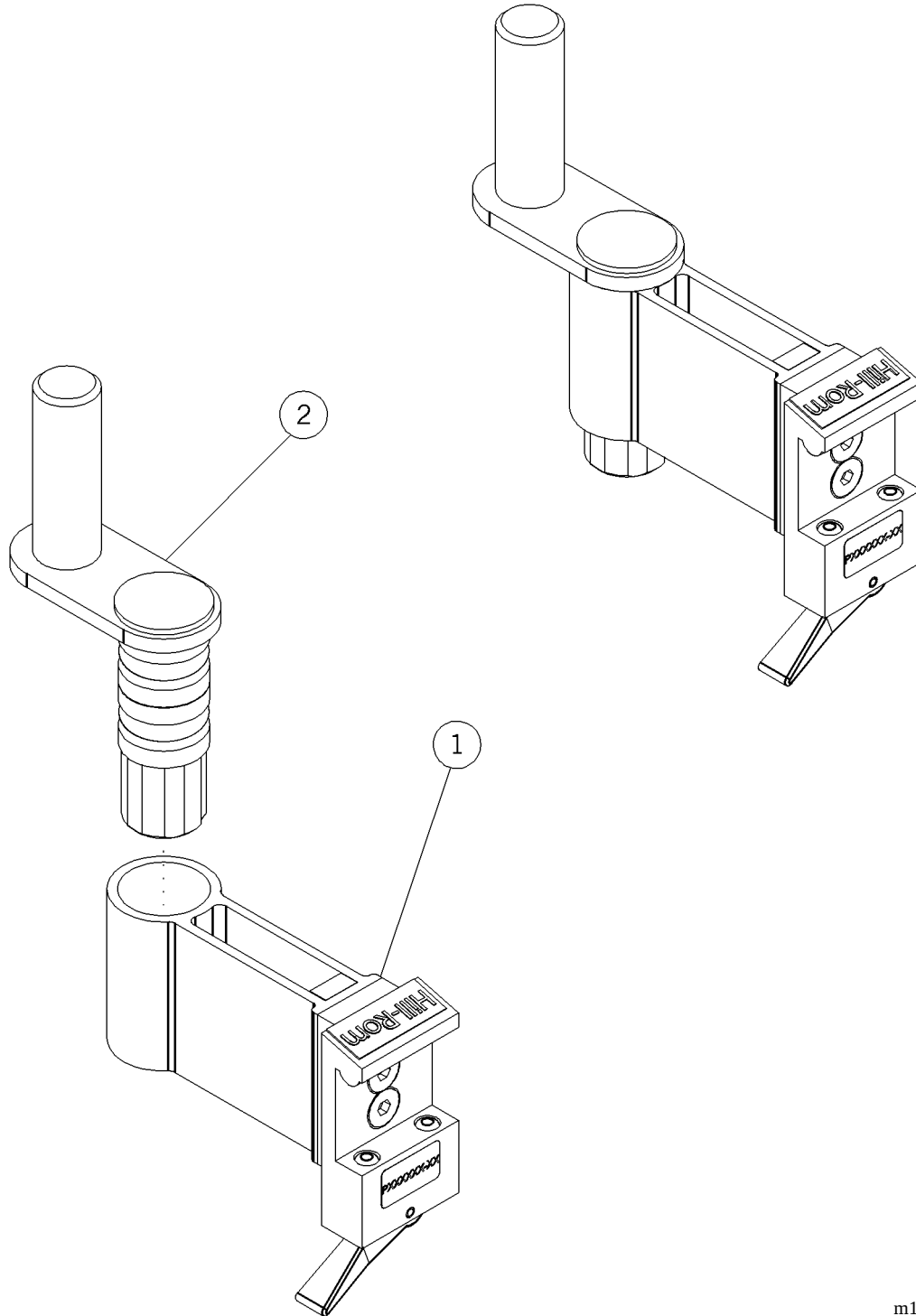
m148a072

Table 5-40. Utility Mount, Dual Post (P170004-01) P2001B

Item Number	Part Number	Quantity	Description
1	5310-2100-039 (2001)	1	Utility mount post type
2	5310-2100-049 (2001)	1	Assembly, post dual

Utility/Universal Holder, Short Post (P170005-01) P2001B

Figure 5-42. Utility/Universal Holder, Short Post (P170005-01) P2001B



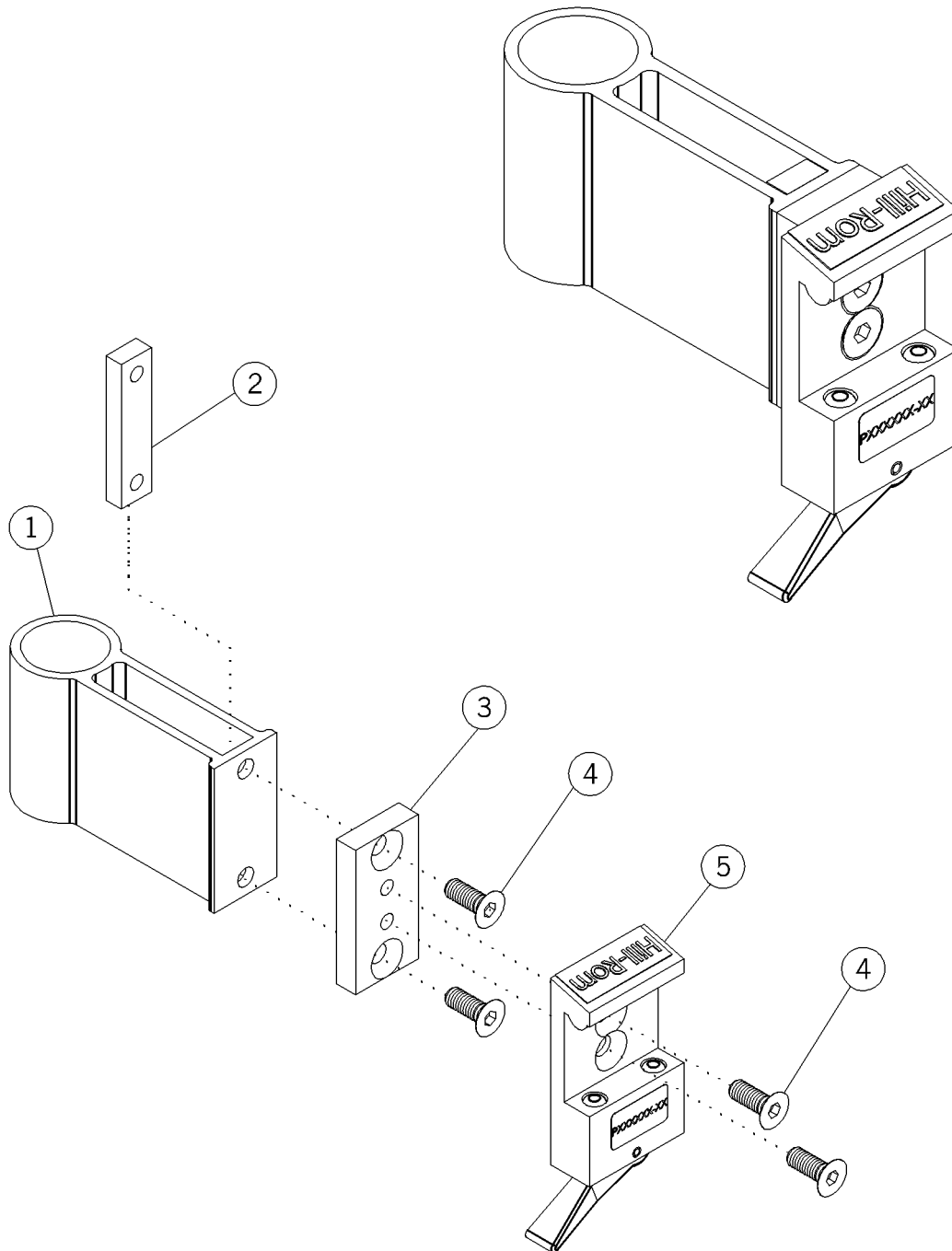
m148a073

Table 5-41. Utility/Universal Holder, Short Post (P170005-01) P2001B

Item Number	Part Number	Quantity	Description
1	5310-2100-010 (2001)	1	Assembly, holder, universal, small
2	5310-2100-050 (2001)	1	Assembly, short post, utility mount

Universal Holder Assembly, Small (P170006-01) P2001B

Figure 5-43. Universal Holder Assembly, Small (P170006-01) P2001B



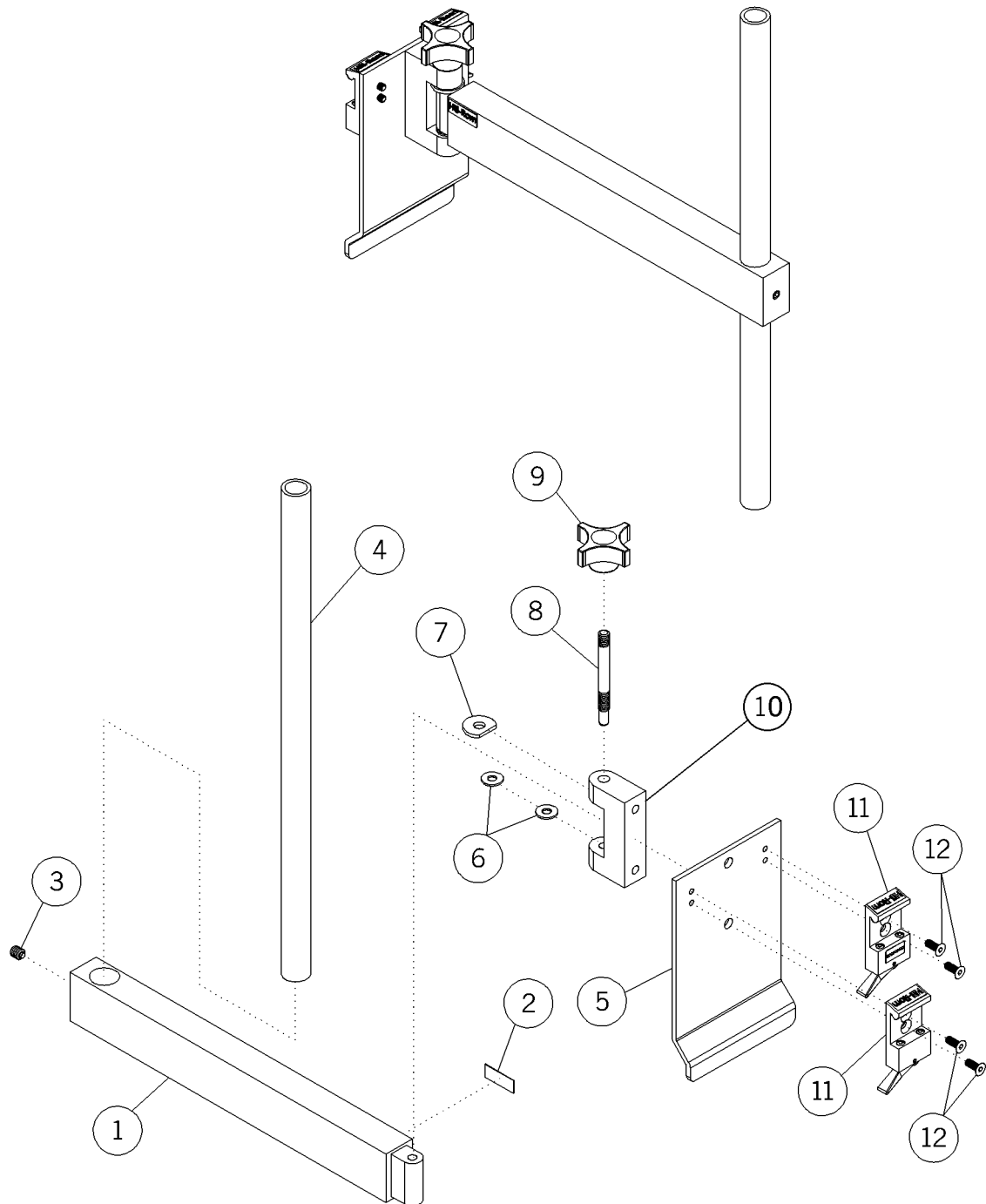
m148a074

Table 5-42. Universal Holder Assembly, Small (P170006-01) P2001B

Item Number	Part Number	Quantity	Description
1	5310-2000-015 (2001)	1	Holder—984
2	5310-2000-017 (2001)	1	Nut block, 984 holder
3	5310-2000-019 (2001)	1	Small spacer, 984 holder
4	5890-1009-000 (2001)	4	Screw
5	5110-3001-000 (2001)	1	Adaptor

Swing Arm Ventilator Mount (P170008-01) P2001B

Figure 5-44. Swing Arm Ventilator Mount (P170008-01) P2001B



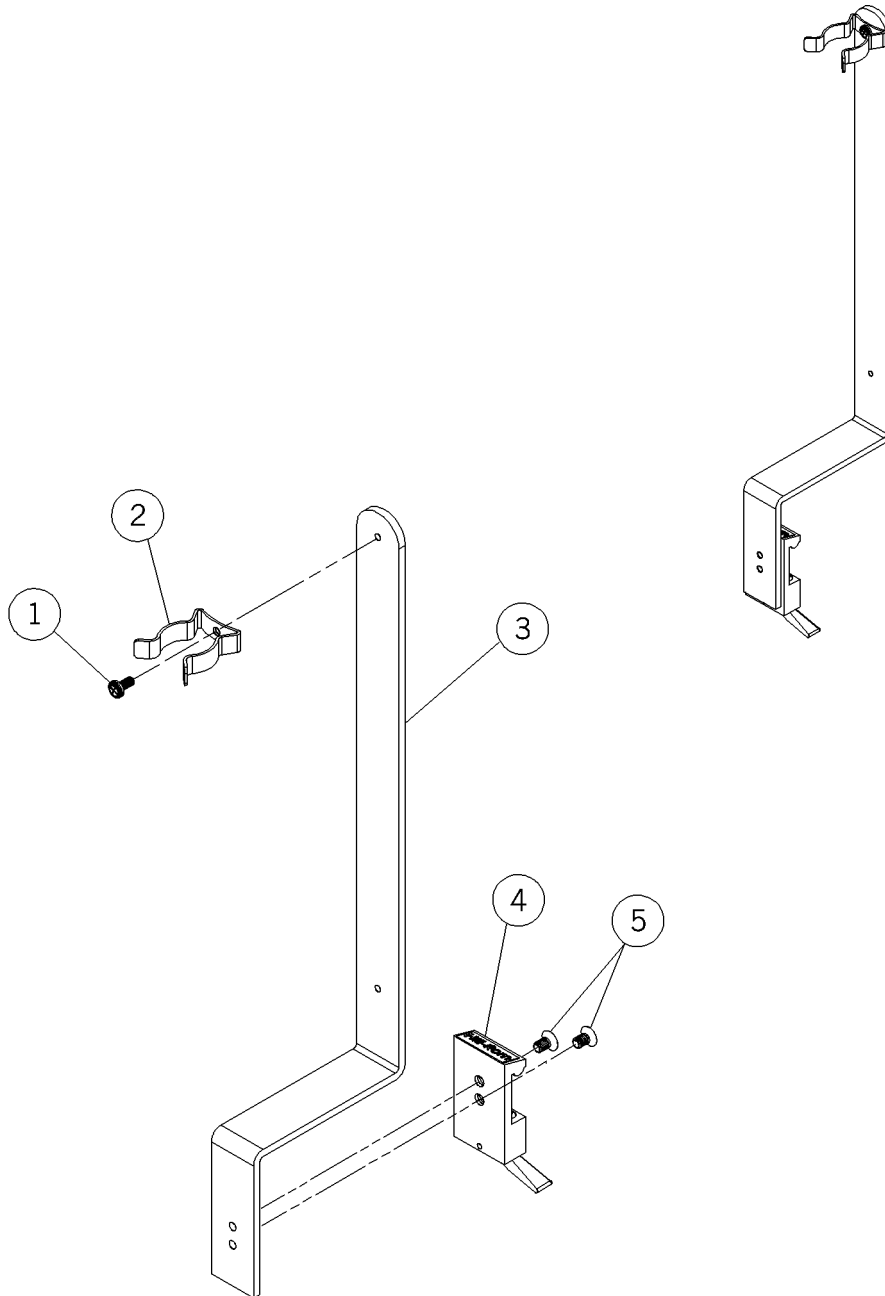
m148a075

Table 5-43. Swing Arm Ventilator Mount (P170008-01) P2001B

Item Number	Part Number	Quantity	Description
1	5115-2158-000 (2001)	1	Pole, swing arm
2	6812-0010-026 (2001)	1	Label
3	5890-1515-000 (2001)	1	Screw
4	5515-3022-000 (2001)	1	Pole, tube
5	5310-2000-036 (2001)	1	Bracket, swing arm holder plate
6	5891-0108-000 (2001)	2	Nylon washer
7	5891-0109-000 (2001)	1	Nylon washer
8	5115-3057-000 (2001)	1	Stainless steel pole
9	5892-0011-000 (2001)	1	4 prong knob
10	5115-3056-000 (2001)	1	Block, pole swing arm
11	5110-3001-000 (2001)	2	Adapter
12	5890-1009-000 (2001)	4	Screw

Resuscitator Bag Holder Assembly (P170009-01) P2001B

Figure 5-45. Resuscitator Bag Holder Assembly (P170009-01) P2001B



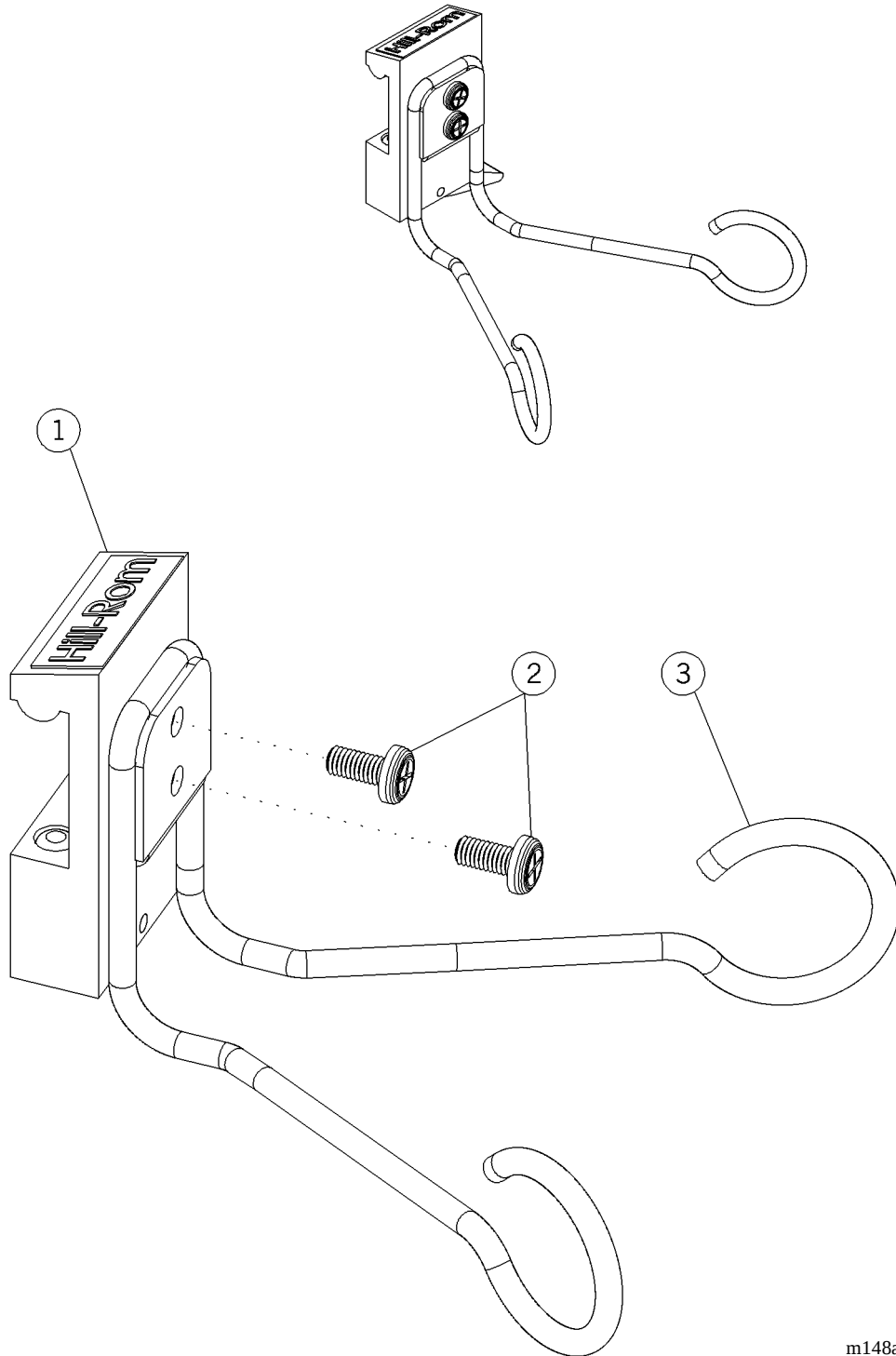
m148a076

Table 5-44. Resuscitator Bag Holder Assembly (P170009-01) P2001B

Item Number	Part Number	Quantity	Description
1	5890-0064-000 (2001)	1	Screw
2	5892-0041-000 (2001)	1	Clip
3	5310-2000-020 (2001)	1	Bracket, mercury sphygmo
4	5310-2100-052 (2001)	1	Adapter
5	5890-1007-000 (2001)	2	Screw

IV/Resuscitator Hanger Assembly (P170010-01) P2001B

Figure 5-46. IV/Resuscitator Hanger Assembly (P170010-01) P2001B



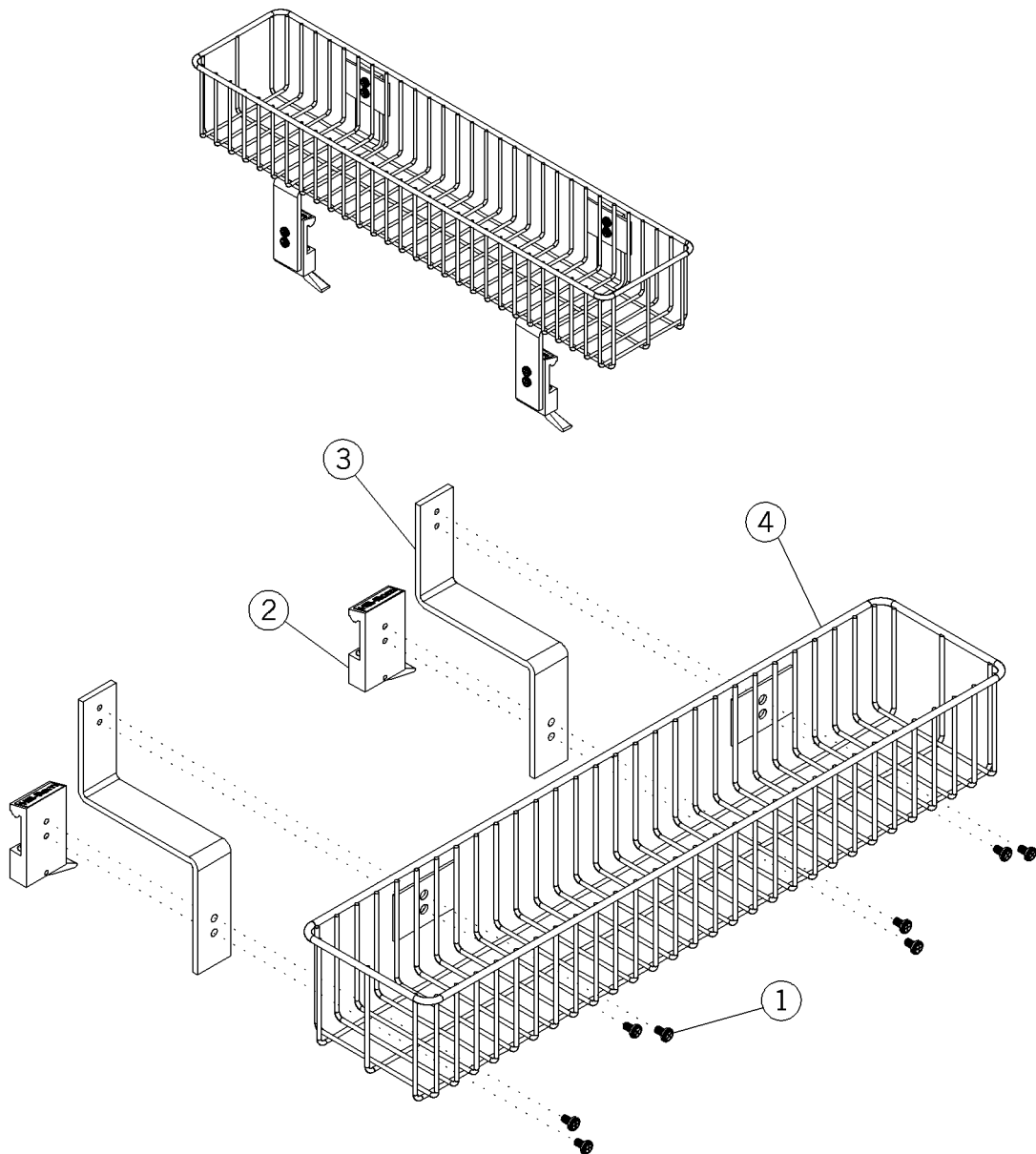
m148a077

Table 5-45. IV/Resuscitator Hanger Assembly (P170010-01) P2001B

Item Number	Part Number	Quantity	Description
1	5110-3002-000 (2001)	1	Adapter
2	5890-0064-00 (2001)	2	Screw
3	5310-2100-013 (2001)	1	Weldment, IV hanger

Stackable Basket Assembly (P170101-01) P2001B

Figure 5-47. Stackable Basket Assembly (P170101-01) P2001B



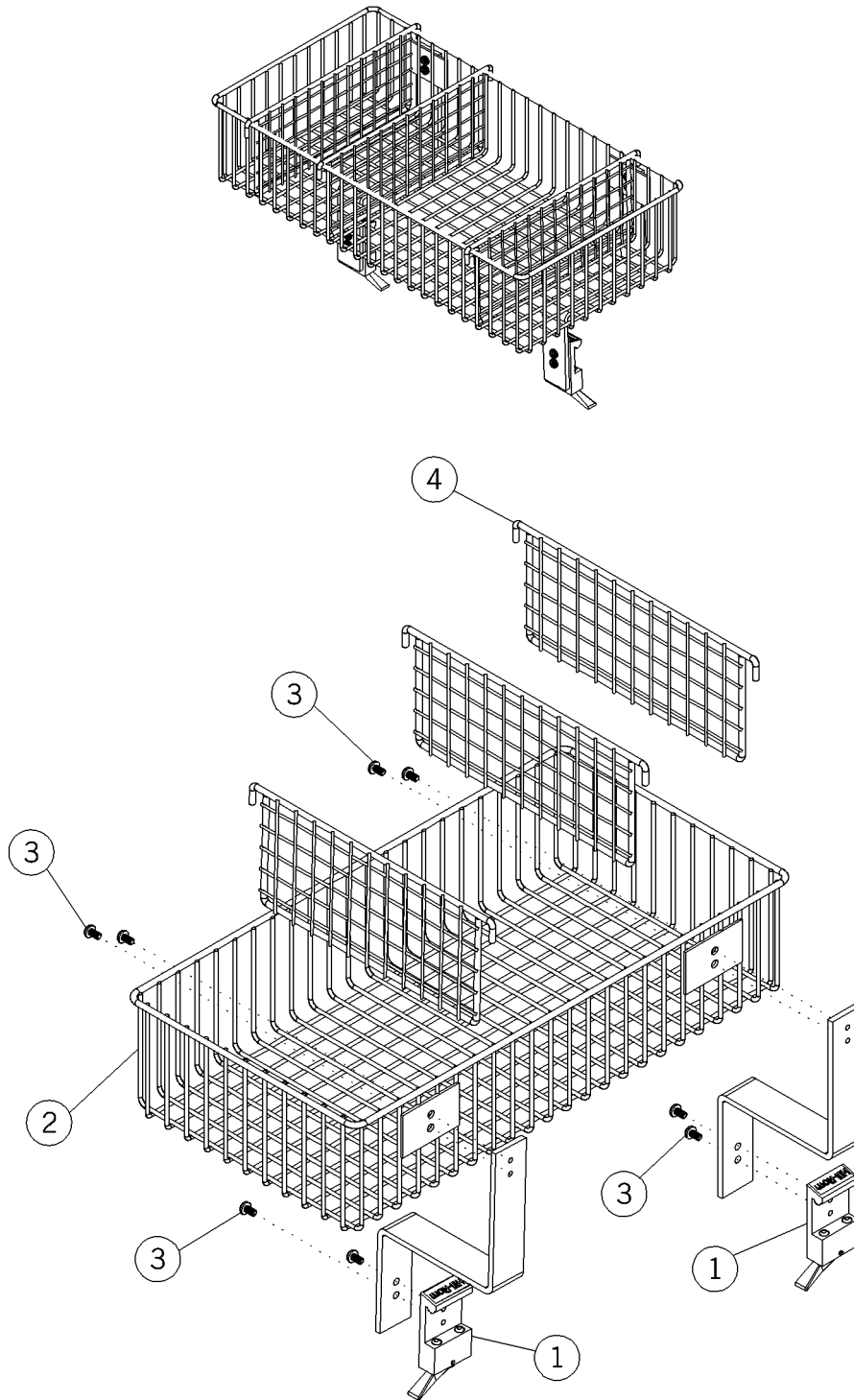
m148a078

Table 5-46. Stackable Basket Assembly (P170101-01) P2001B

Item Number	Part Number	Quantity	Description
1	5890-0066-000 (2001)	8	Screw
2	5310-2100-053 (2001)	2	Adapter
3	5310-2000-049 (2001)	2	Bracket, basket short
4	5310-2000-047 (2001)	1	Basket, stackable

Storage Basket—Large, Divided-Up (P170102-01) P2001B

Figure 5-48. Storage Basket—Large, Divided-Up (P170102-01) P2001B



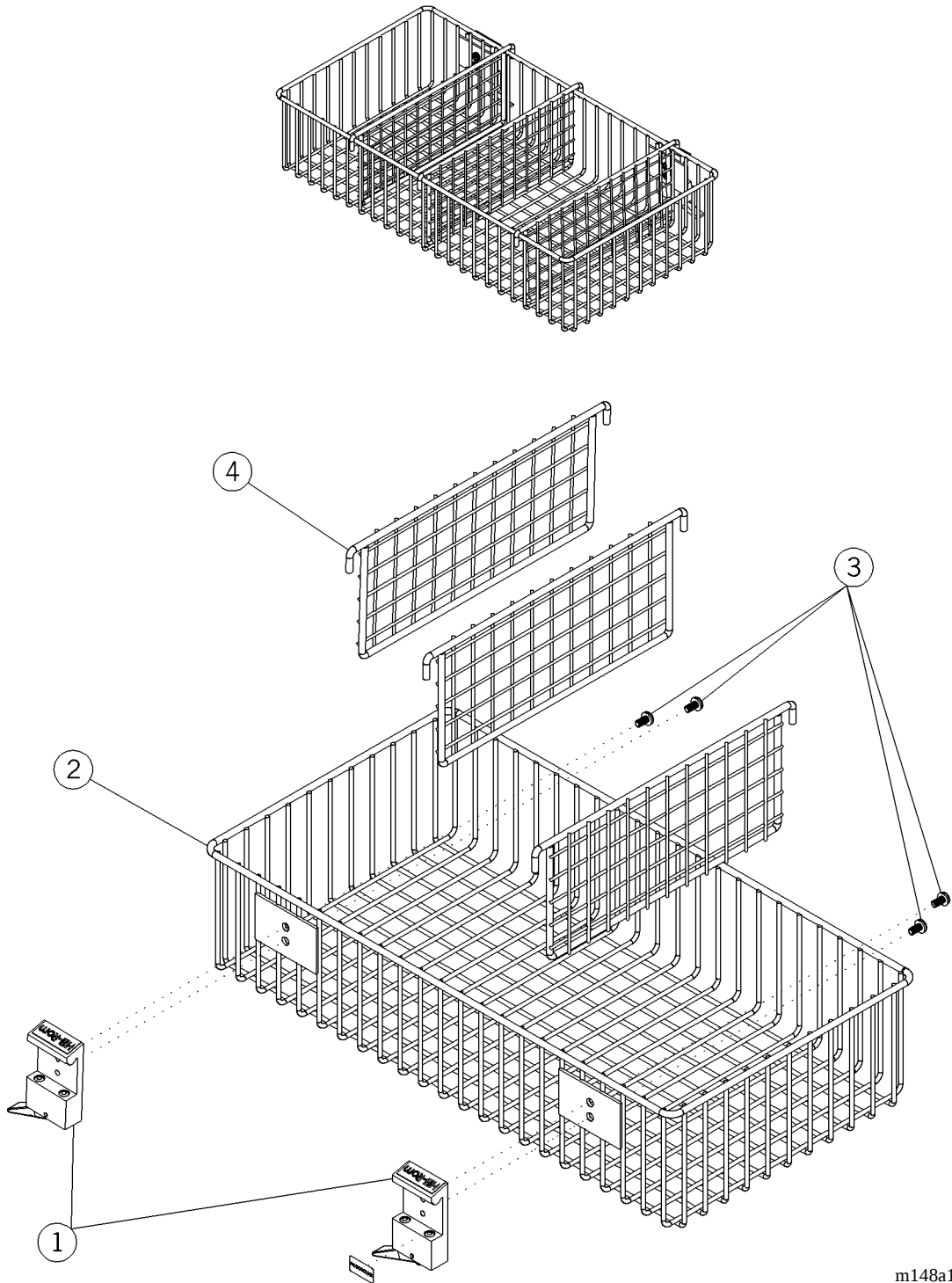
m148a080

Table 5-47. Storage Basket—Large, Divided-Up (P170102-01) P2001B

Item Number	Part Number	Quantity	Description
1	5310-2100-053 (2001)	2	Adapter
2	5310-2000-050 (2001)	1	Basket, universal organizer
3	5890-0066-000 (2001)	8	Screw
4	5310-2000-048 (2001)	3	Wire, basket divider

Storage Basket—Large, Divided-Up (P170102-02) P2001B

Figure 5-49. Storage Basket—Large, Divided-Up (P170102-02) P2001B



m148a130

Table 5-48. Storage Basket—Large, Divided-Up (P170102-02) P2001B

Item Number	Part Number	Quantity	Description
1	5110-3002-000 (2001)	2	Adapter
2	5310-2000-050 (2001)	1	Basket, universal, organizer
3	5890-0066-000 (2001)	4	Screw
4	5310-2000-048 (2001)	3	Wire, basket divider

Storage Basket (P170103-01) P2001B

Figure 5-50. Storage Basket (P170103-01) P2001B

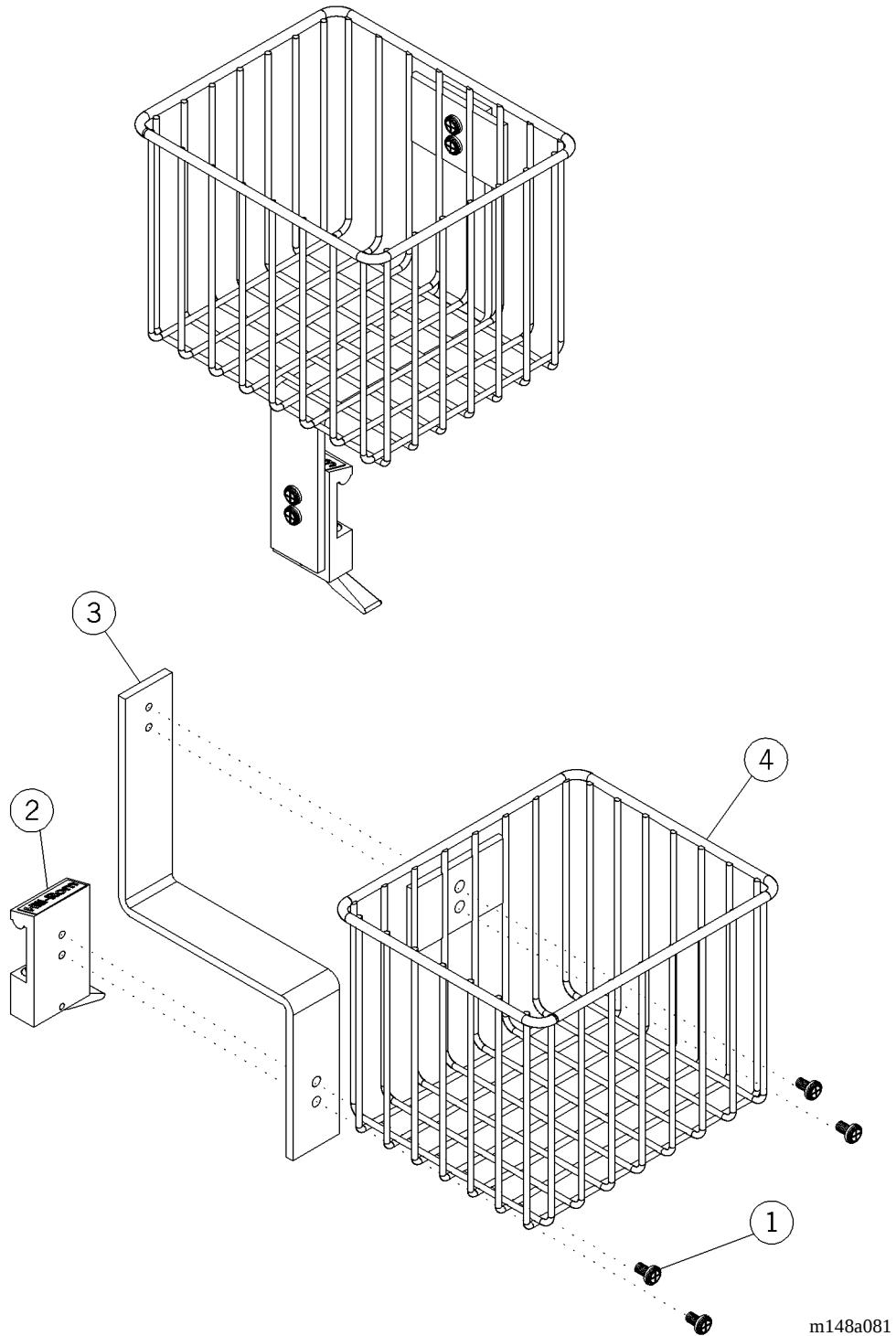
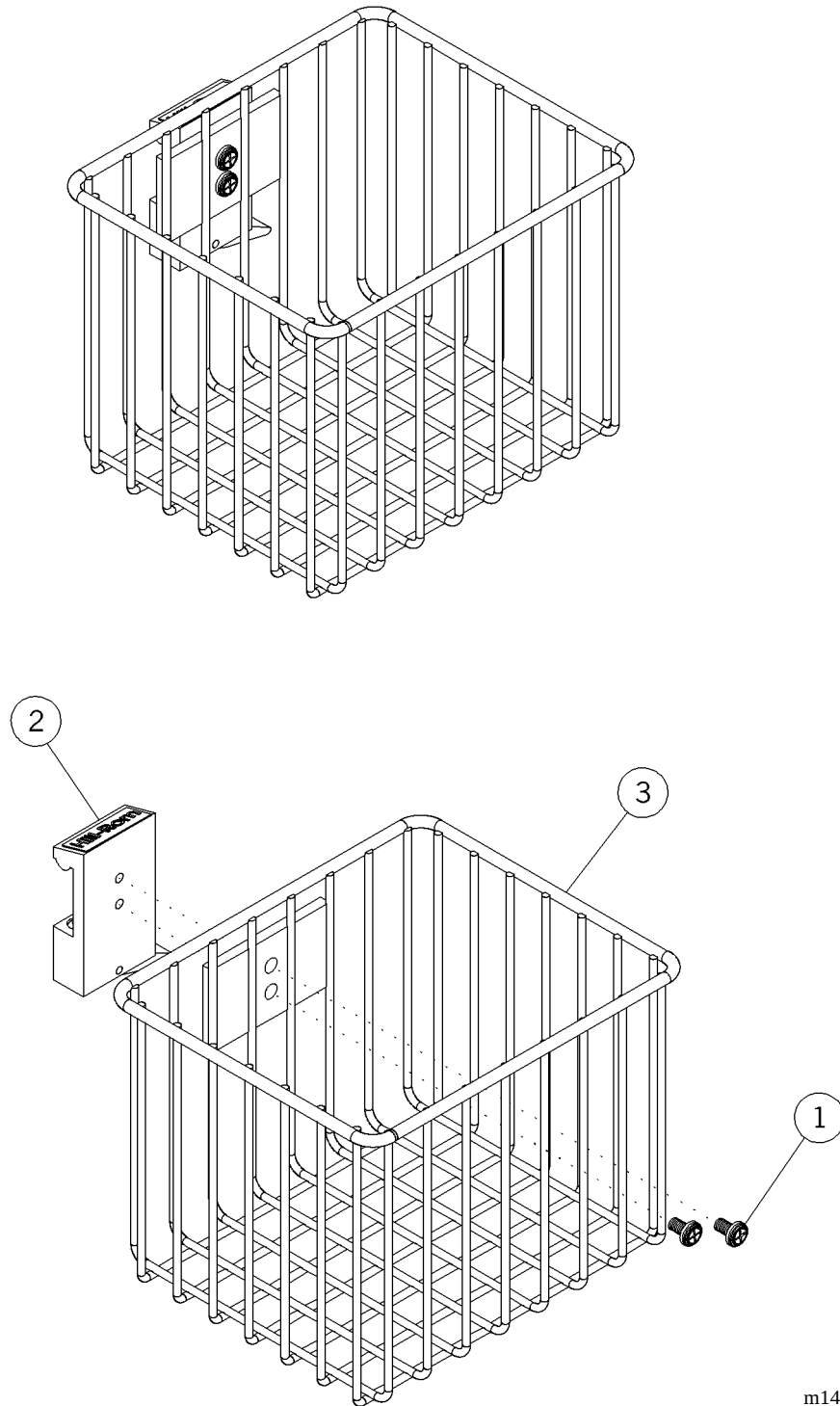


Table 5-49. Storage Basket (P170103-01) P2001B

Item Number	Part Number	Quantity	Description
1	5890-0066-000 (2001)	4	Screw
2	5310-2100-053 (2001)	1	Adapter
3	5310-2000-011 (2001)	1	Bracket, basket
4	5310-2000-046 (2001)	1	Basket

Storage Basket (P170103-02) P2001B

Figure 5-51. Storage Basket (P170103-02) P2001B



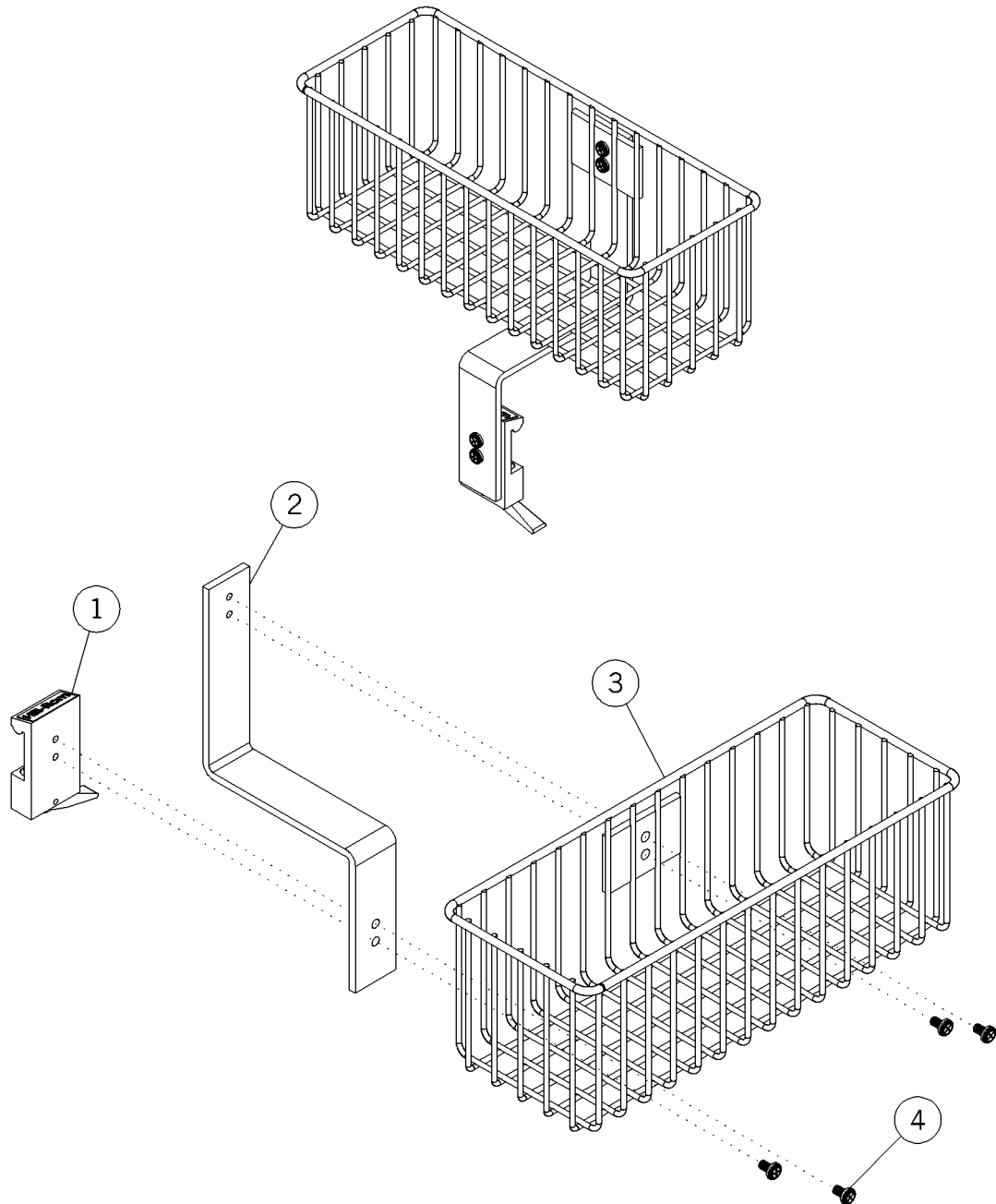
m148a082

Table 5-50. Storage Basket (P170103-02) P2001B

Item Number	Part Number	Quantity	Description
1	5890-0066-000 (2001)	2	Screw
2	5110-3002-000 (2001)	1	Adapter
3	5310-2000-046 (2001)	1	Basket

Basket Assembly (P170104-01) P2001B

Figure 5-52. Basket Assembly (P170104-01) P2001B



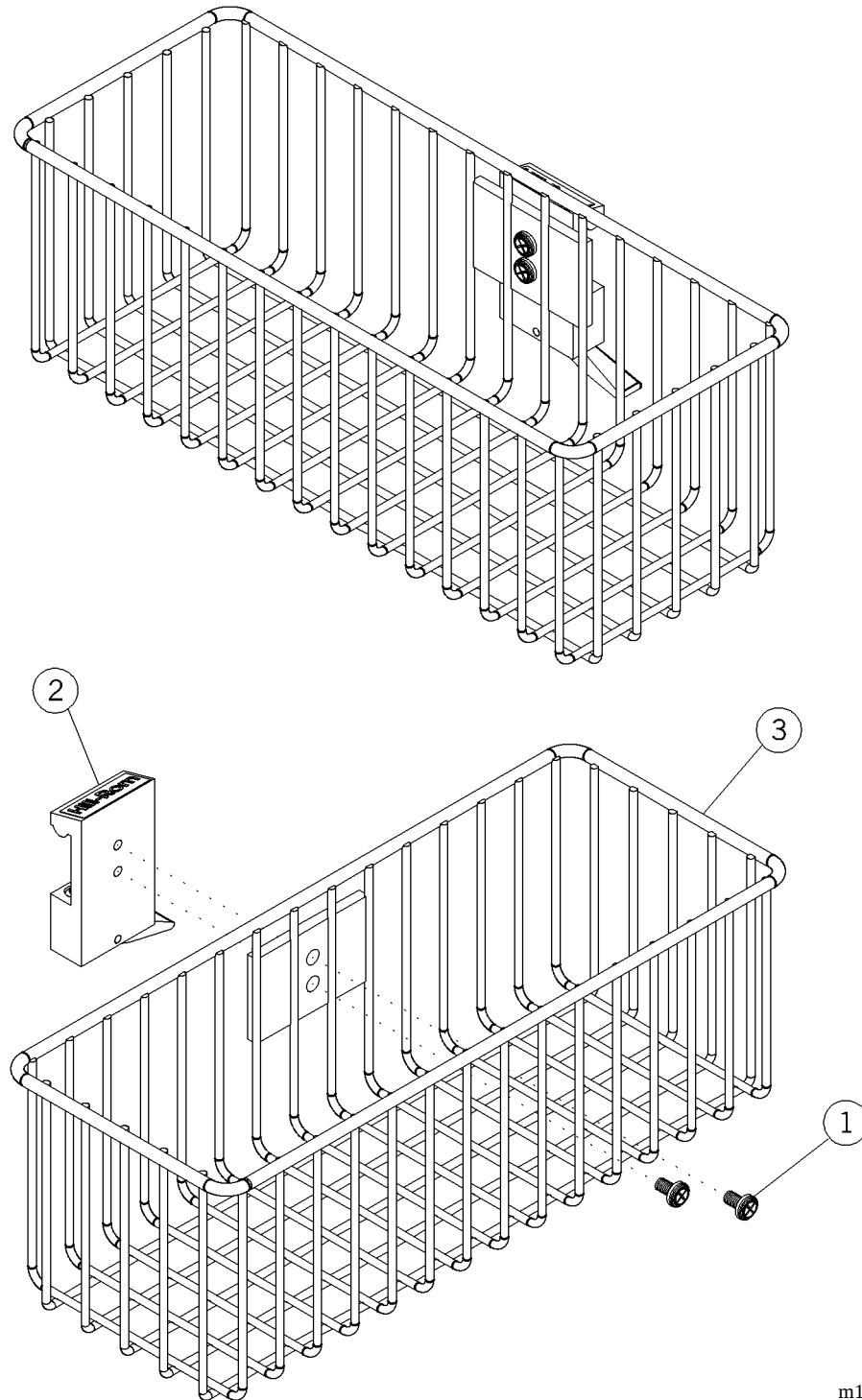
m148a083

Table 5-51. Basket Assembly (P170104-01) P2001B

Item Number	Part Number	Quantity	Description
1	5310-2100-053 (2001)	1	Adapter
2	5310-2000-011 (2001)	1	Bracket, basket
3	5310-2000-044 (2001)	1	Basket
4	5890-0066-000 (2001)	4	Screw

Storage Basket (P170104-02) P2001B

Figure 5-53. Storage Basket (P170104-02) P2001B



m148a084

Table 5-52. Storage Basket (P170104-02) P2001B

Item Number	Part Number	Quantity	Description
1	5890-0066-000 (2001)	2	Screw
2	5110-3002-000 (2001)	1	Adapter
3	5310-2000-044 (2001)	1	Basket, short

CC Basket Assembly, Swivel (P170105-01) P2001B

Figure 5-54. CC Basket Assembly, Swivel (P170105-01) P2001B

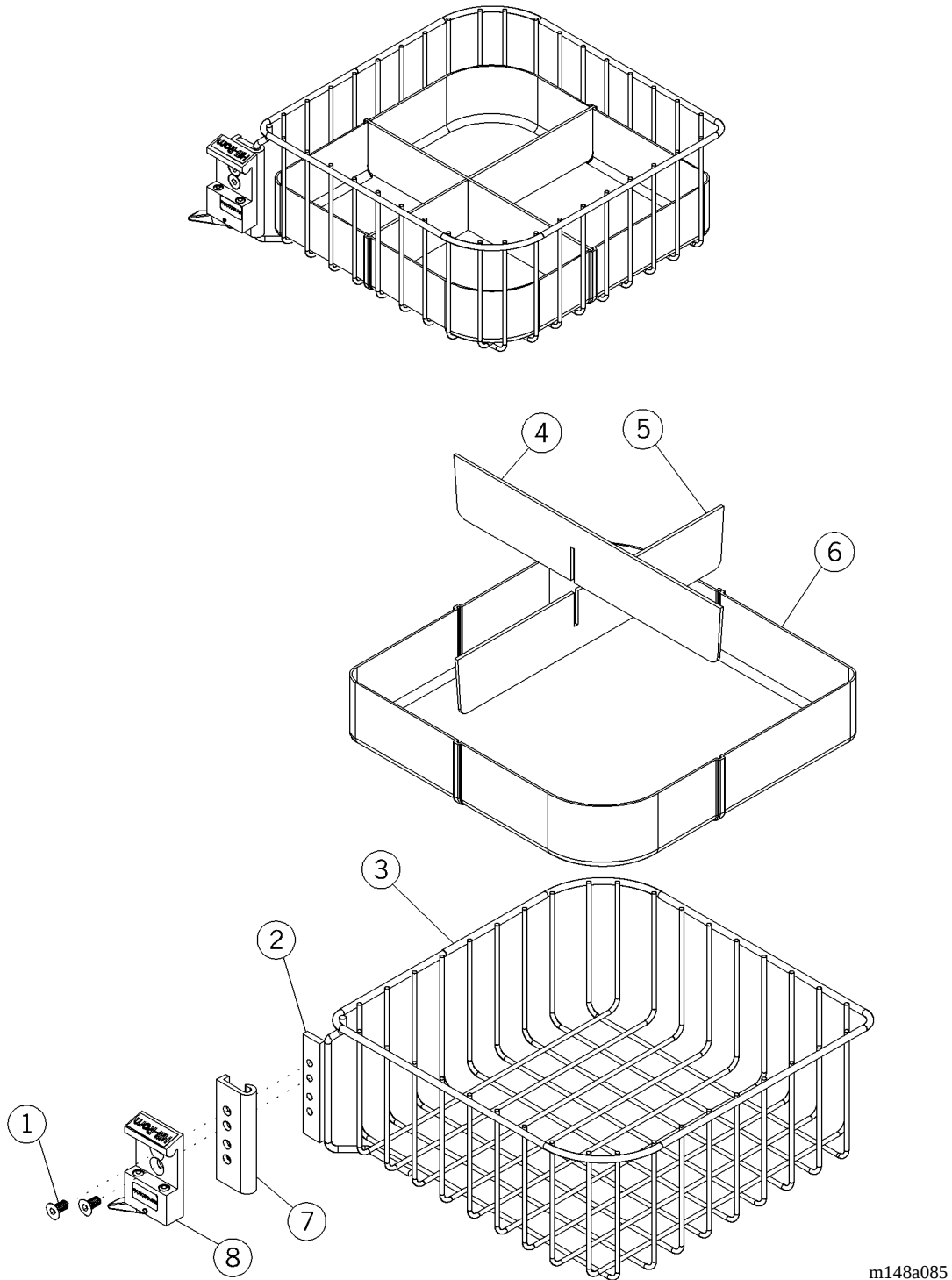
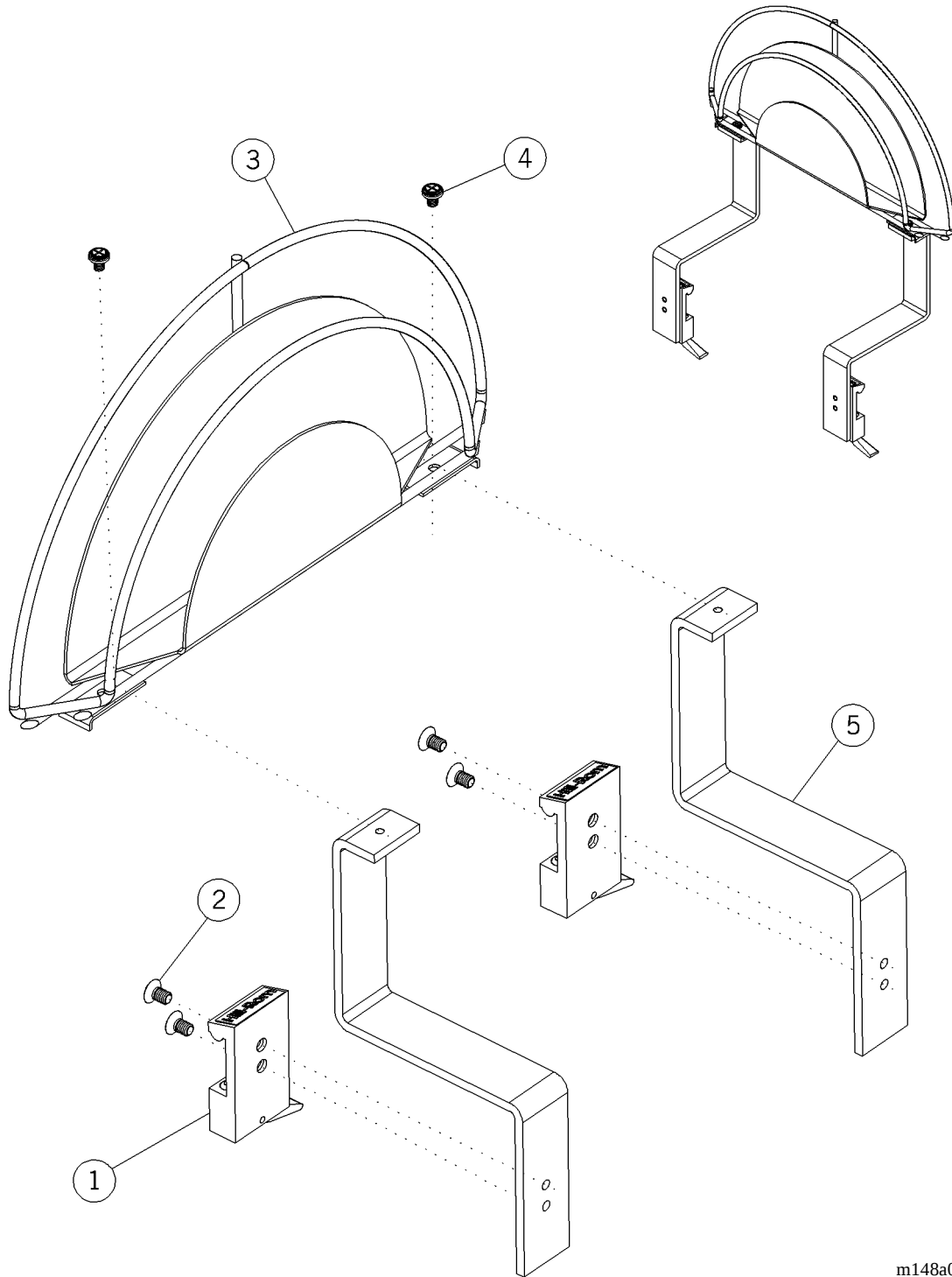


Table 5-53. CC Basket Assembly, Swivel (P170105-01) P2001B

Item Number	Part Number	Quantity	Description
1	5890-1008-000 (2001)	2	Screw
2	5310-2000-053 (2001)	1	Part, CC basket hinge plate
3	5310-2000-039 (2001)	1	Basket, wire, CC cart
4	5310-2000-059 (2001)	1	Divider, CC basket, upper
5	5310-2000-060 (2001)	1	Divider, CC basket, lower
6	5310-2000-058 (2001)	1	Liner, CC basket
7	5310-2000-052 (2001)	1	Part, CC basket hinge hook
8	5110-3001-000 (2001)	1	Adapter

Chart Holder, Stackable (P170110-01) P2001B

Figure 5-55. Chart Holder, Stackable (P170110-01) P2001B



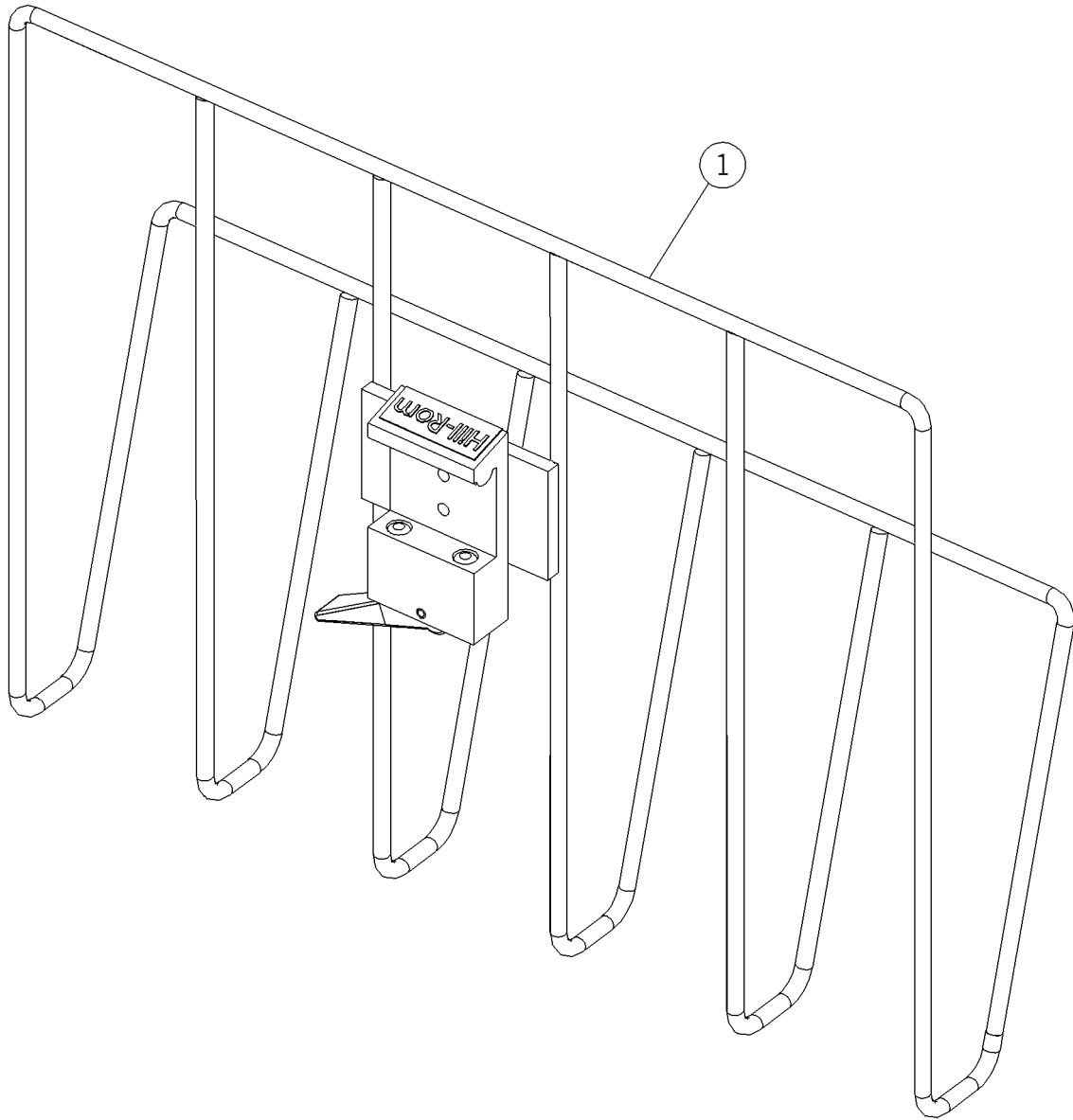
m148a086

Table 5-54. Chart Holder, Stackable (P170110-01) P2001B

Item Number	Part Number	Quantity	Description
1	5310-2100-052 (2001)	2	Adapter
2	5890-1007-000 (2001)	4	Screw
3	5310-2100-023 (2001)	1	Weldment, chart holder stackable
4	5890-0061-000 (2001)	2	Screw
5	5310-2000-035 (2001)	2	Bracket, chart holder halo

Chart Holder, Wire (P170111-01) P2001B

Figure 5-56. Chart Holder, Wire (P170111-01) P2001B



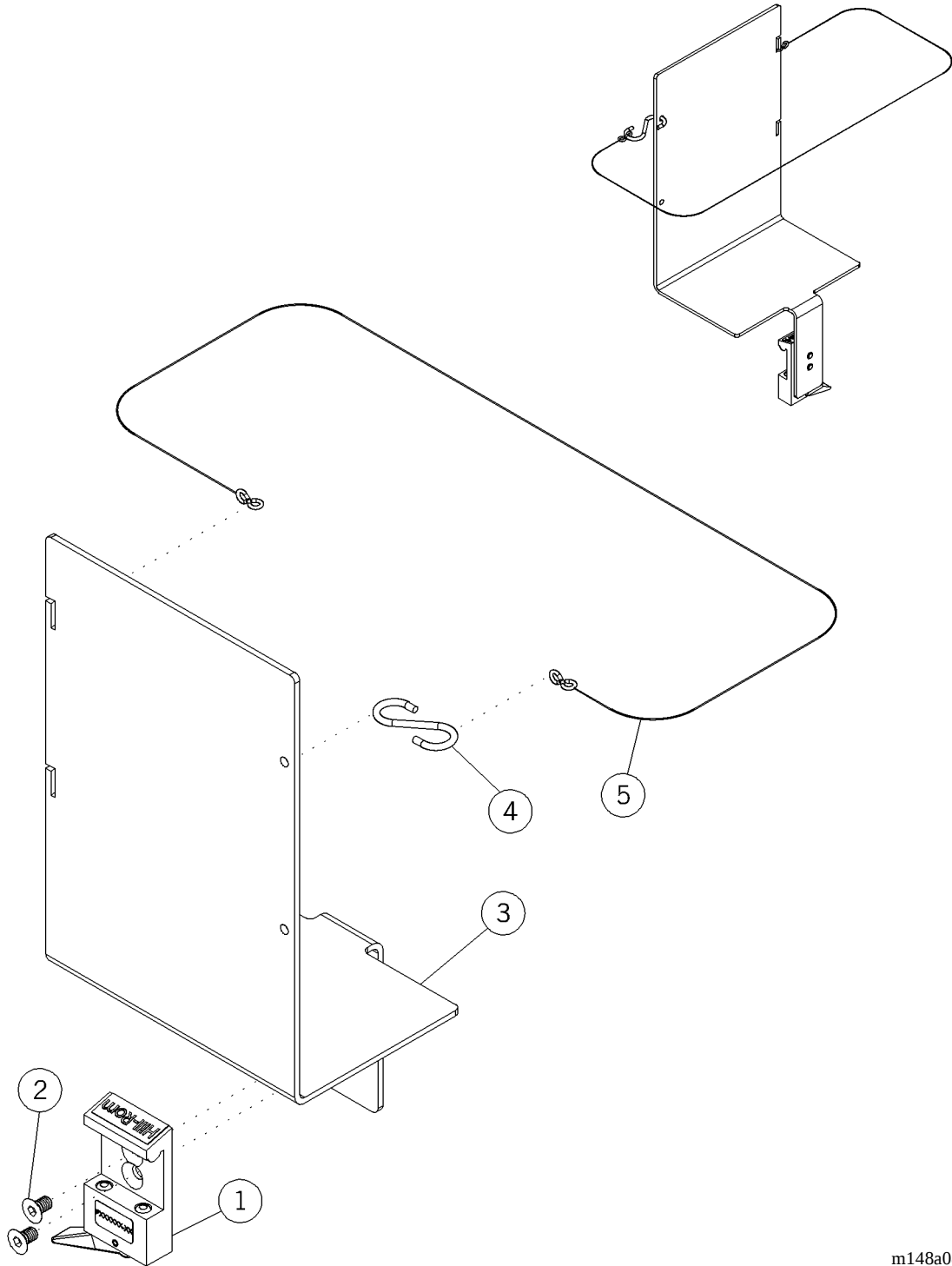
m148a087

Table 5-55. Chart Holder, Wire (P170111-01) P2001B

Item Number	Part Number	Quantity	Description
1	5331-0007-000 (2001)	1	Chart holder—wire

Sharps Mount Assembly (P170120-01) P2001B

Figure 5-57. Sharps Mount Assembly (P170120-01) P2001B



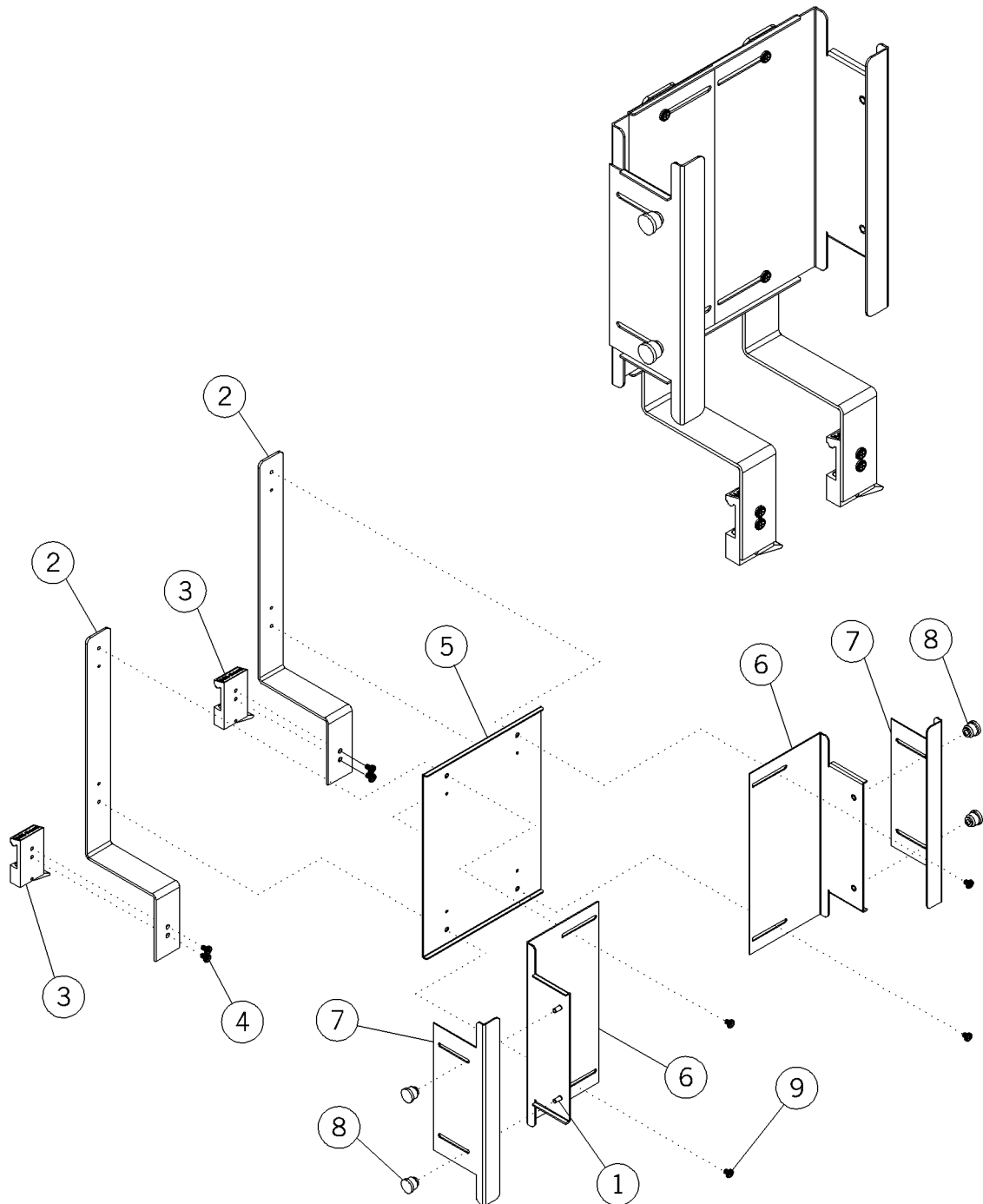
m148a088

Table 5-56. Sharps Mount Assembly (P170120-01) P2001B

Item Number	Part Number	Quantity	Description
1	5110-3001-000 (2001)	1	Adapter
2	5890-1007-000 (2001)	2	Screw
3	5310-2000-113 (2001)	1	Bracket, sharps mount
4	5310-2000-114 (2001)	1	S-hook
5	5310-2000-115 (2001)	1	Chain, 28" (71 cm)

Glove Box Holder Assembly (P170130-01) P2001B

Figure 5-58. Glove Box Holder Assembly (P170130-01) P2001B



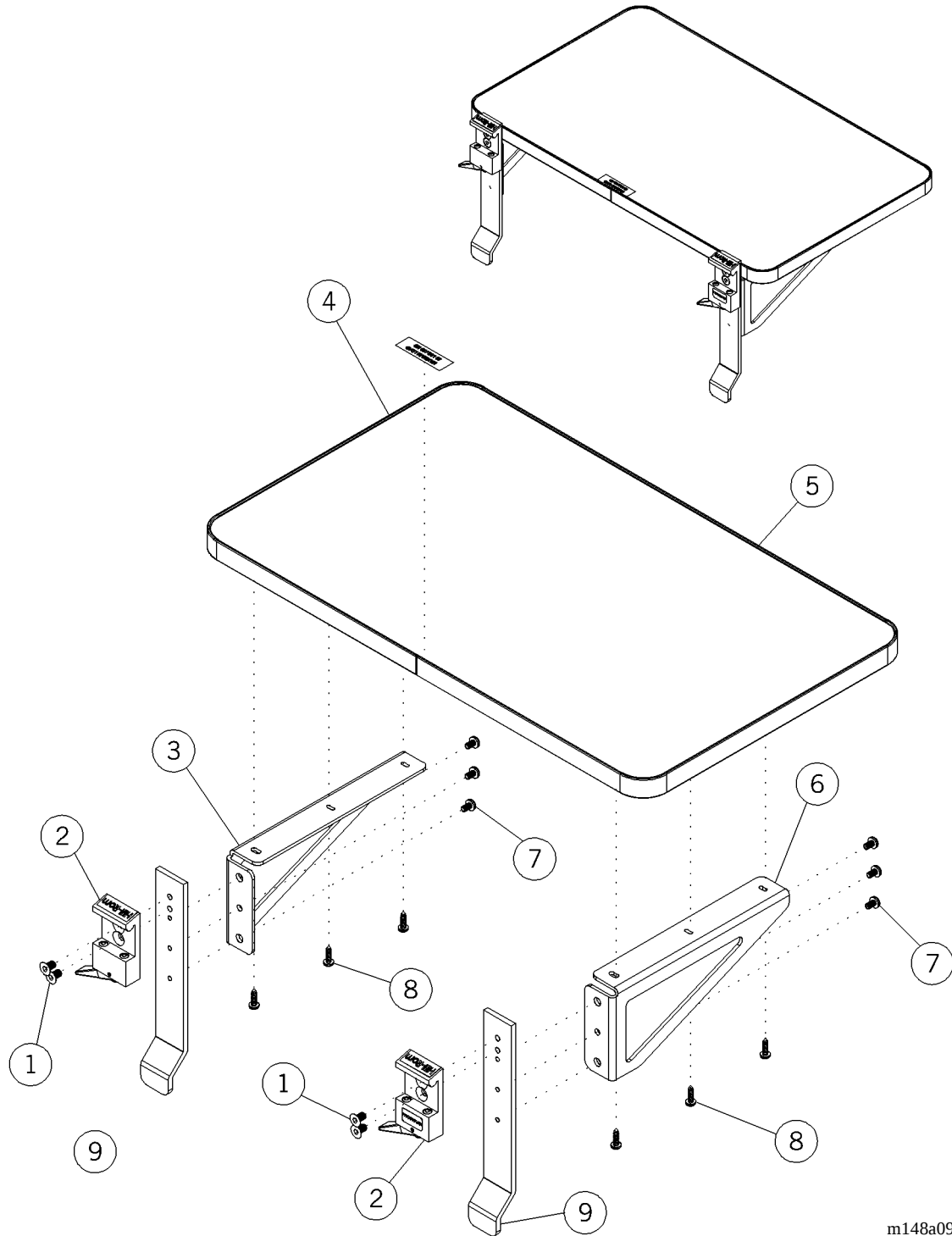
m148a089

Table 5-57. Glove Box Holder Assembly (P170130-01) P2001B

Item Number	Part Number	Quantity	Description
1	5890-0061-000 (2001)	4	Screw
2	5310-2000-043 (2001)	2	Mount, glove box holder
3	5310-2000-053 (2001)	2	Adapter
4	5890-0063-000 (2001)	4	Screw
5	5310-2000-041 (2001)	1	Guide, width adjustment
6	5310-2000-040 (2001)	2	Slide, width adjustment
7	5310-2000-042 (2001)	2	Slide, depth adjustment
8	5310-2000-123 (2001)	4	Knob

Utility Shelf Assembly, Large (P170201-01) P2001B

Figure 5-59. Utility Shelf Assembly, Large (P170201-01) P2001B



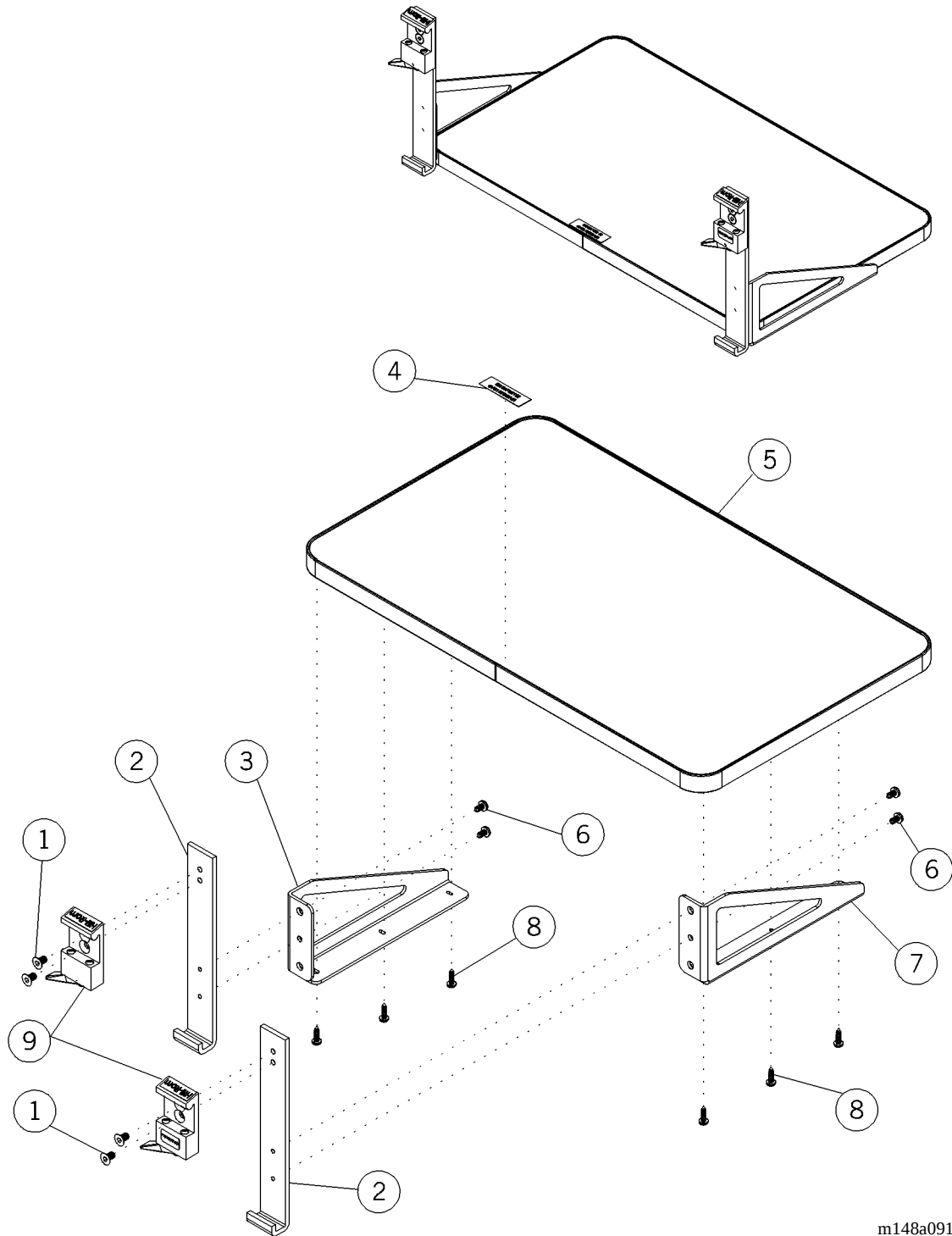
m148a090

Table 5-58. Utility Shelf Assembly, Large (P170201-01) P2001B

Item Number	Part Number	Quantity	Description
1	5890-1007-000 (2001)	4	Screw
2	5110-3001-000 (2001)	2	Adapter
3	5310-2000-030 (2001)	1	Bracket, shelf mount, rh
4	5310-0100-002 (2001)	1	Label
5	5310-2100-020 (2001)	1	Assembly, charting shelf top
6	5310-2000-029 (2001)	1	Bracket, shelf mount, lh
7	5890-0063-000 (2001)	6	Screw
8	5890-3007-000 (2001)	6	Screw
9	5310-2000-007 (2001)	2	Shelf, hanger utility

Charting Shelf Assembly (P170202-01) P2001B

Figure 5-60. Charting Shelf Assembly (P170202-01) P2001B



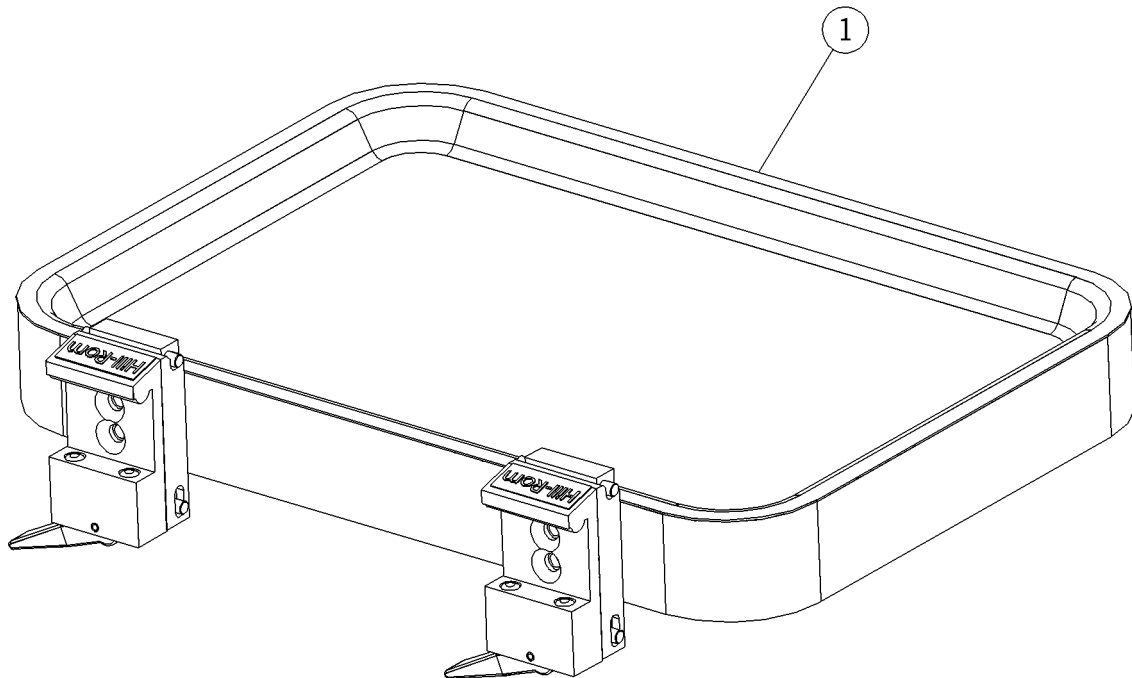
m148a091

Table 5-59. Charting Shelf Assembly (P170202-01) P2001B

Item Number	Part Number	Quantity	Description
1	5890-1007-000 (2001)	4	Screw
2	5310-2000-031 (2001)	2	Bracket, charting shelf hanger
3	5310-2000-029 (2001)	1	Bracket, shelf mount lh
4	5310-0100-002 (2001)	1	Label
5	5310-2100-020 (2001)	1	Assembly, charting shelf top
6	5890-0063-000 (2001)	4	Screw
7	5310-2000-030 (2001)	1	Bracket, shelf mount rh
8	5890-3007-000 (2001)	6	Screw
9	5110-3001-000 (2001)	3	Adapter

Hinged Mayo Tray, Small (P170203-01) P2001B

Figure 5-61. Hinged Mayo Tray, Small (P170203-01) P2001B



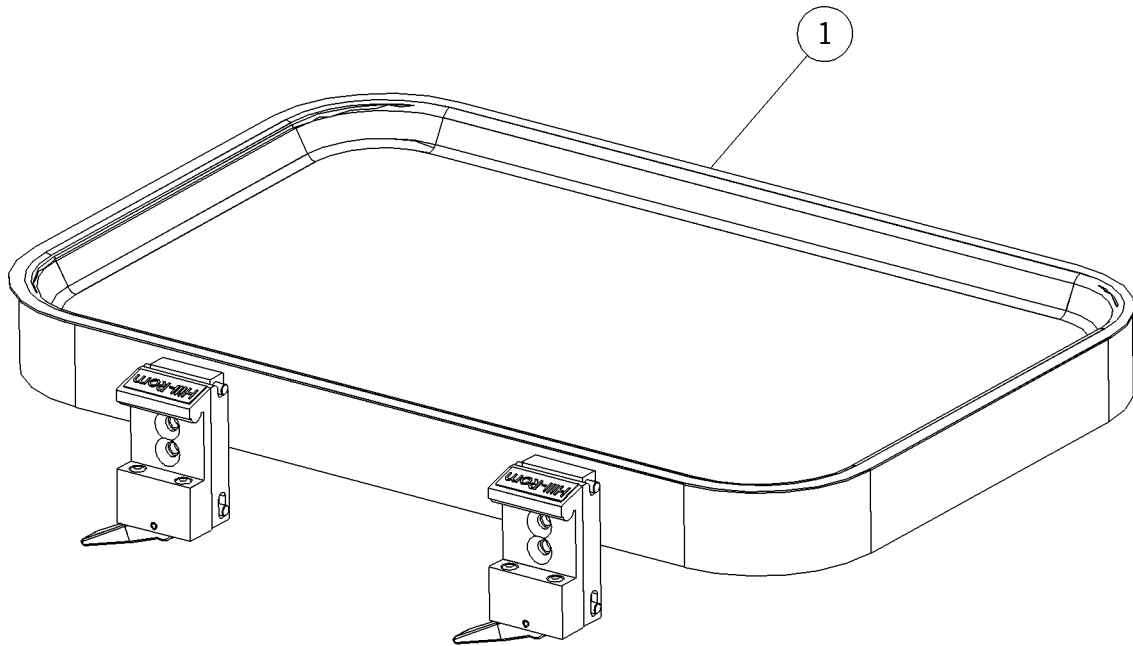
m148a092

Table 5-60. Hinged Mayo Tray, Small (P170203-01) P2001B

Item Number	Part Number	Quantity	Description
1	5331-0002-000 (2001)	1	Hinged mayo tray—small

Hinged Mayo Tray, Large (P170204-01) P2001B

Figure 5-62. Hinged Mayo Tray, Large (P170204-01) P2001B



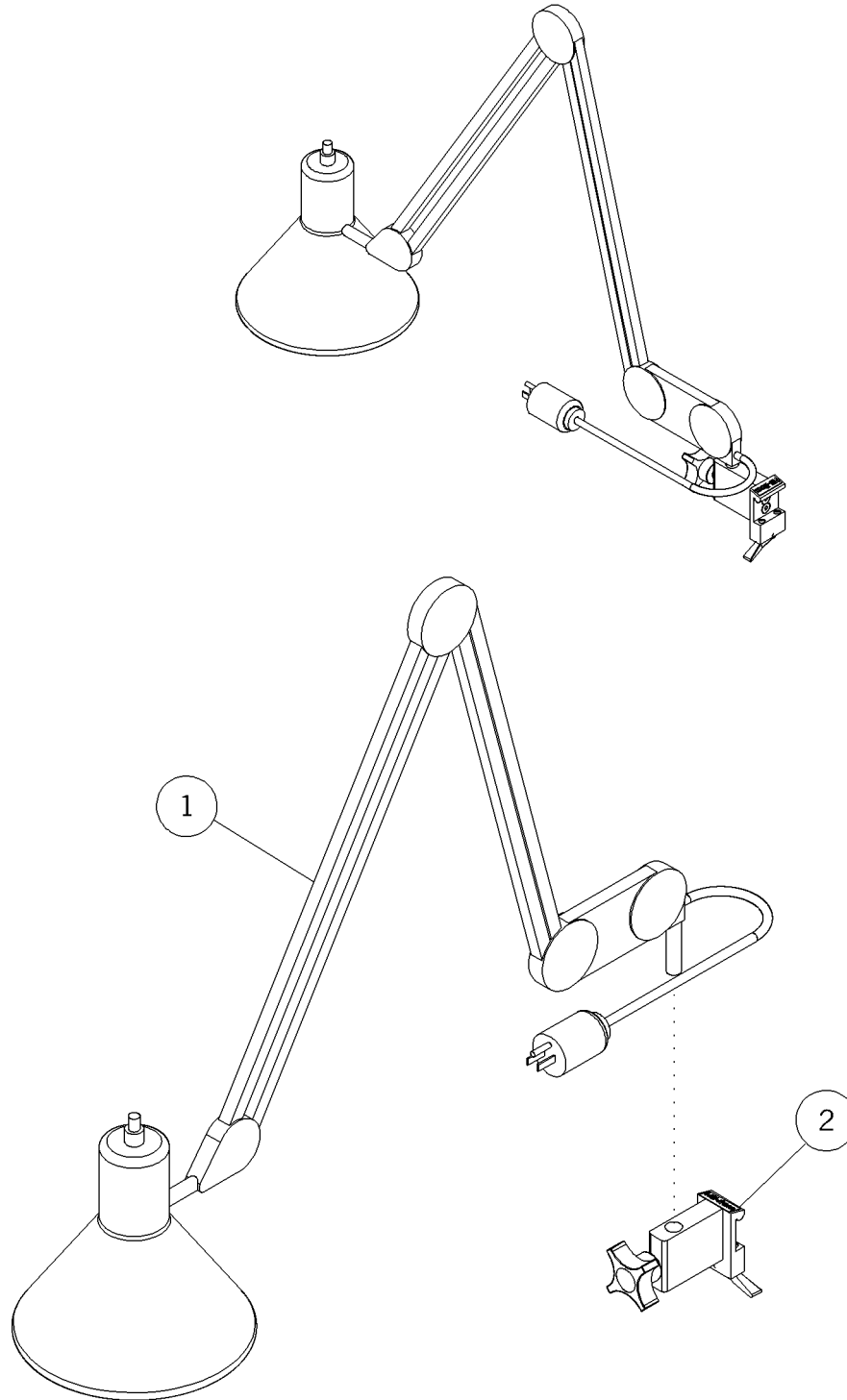
m148a093

Table 5-61. Hinged Mayo Tray, Large (P170204-01) P2001B

Item Number	Part Number	Quantity	Description
1	5331-0004-000 (2001)	1	Hinged mayo tray—large

Luxo Incandescent Light Assembly (P170303-01) P2001B

Figure 5-63. Luxo Incandescent Light Assembly (P170303-01) P2001B



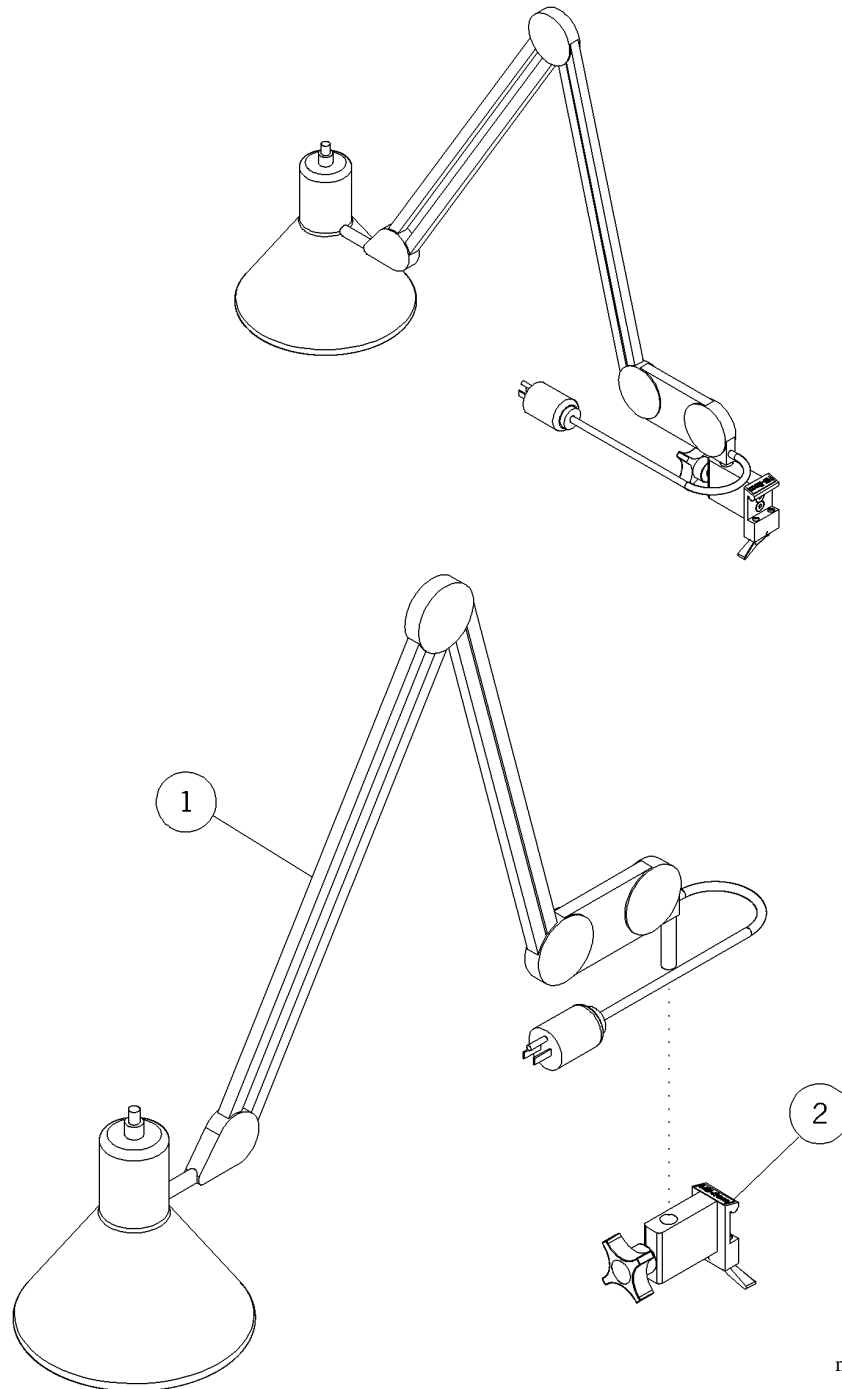
m148a097

Table 5-62. Luxo Incandescent Light Assembly (P170303-01) P2001B

Item Number	Part Number	Quantity	Description
1	5310-2000-118 (2001)	1	Light, Luxo, incandescent
2	5333-0005-000 (2001)	1	Holder, lamp, universal

Luxo Incandescent/Fluorescent Light Assembly (P170304-01) P2001B

Figure 5-64. Luxo Incandescent/Fluorescent Light Assembly (P170304-01) P2001B



m148a098

**Table 5-63. Luxo Incandescent/Fluorescent Light Assembly
(P170304-01) P2001B**

Item Number	Part Number	Quantity	Description
1	5310-2000-119 (2001)	1	Light, incadescent/fluorescent
2	5333-0005-000 (2001)	1	Holder, lamp, universal

Utility Light Assembly (P170305-01) P2001B

Figure 5-65. Utility Light Assembly (P170305-01) P2001B

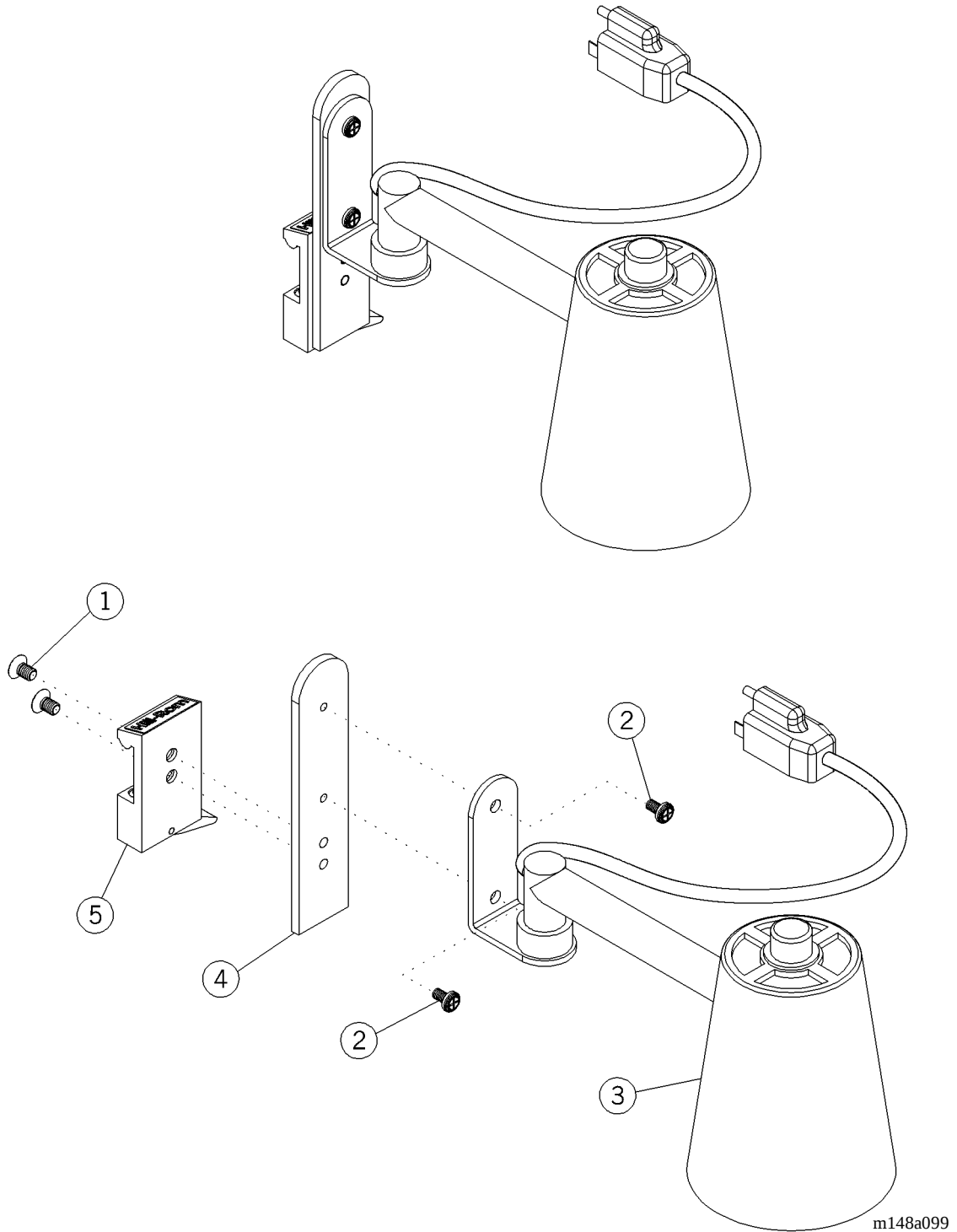
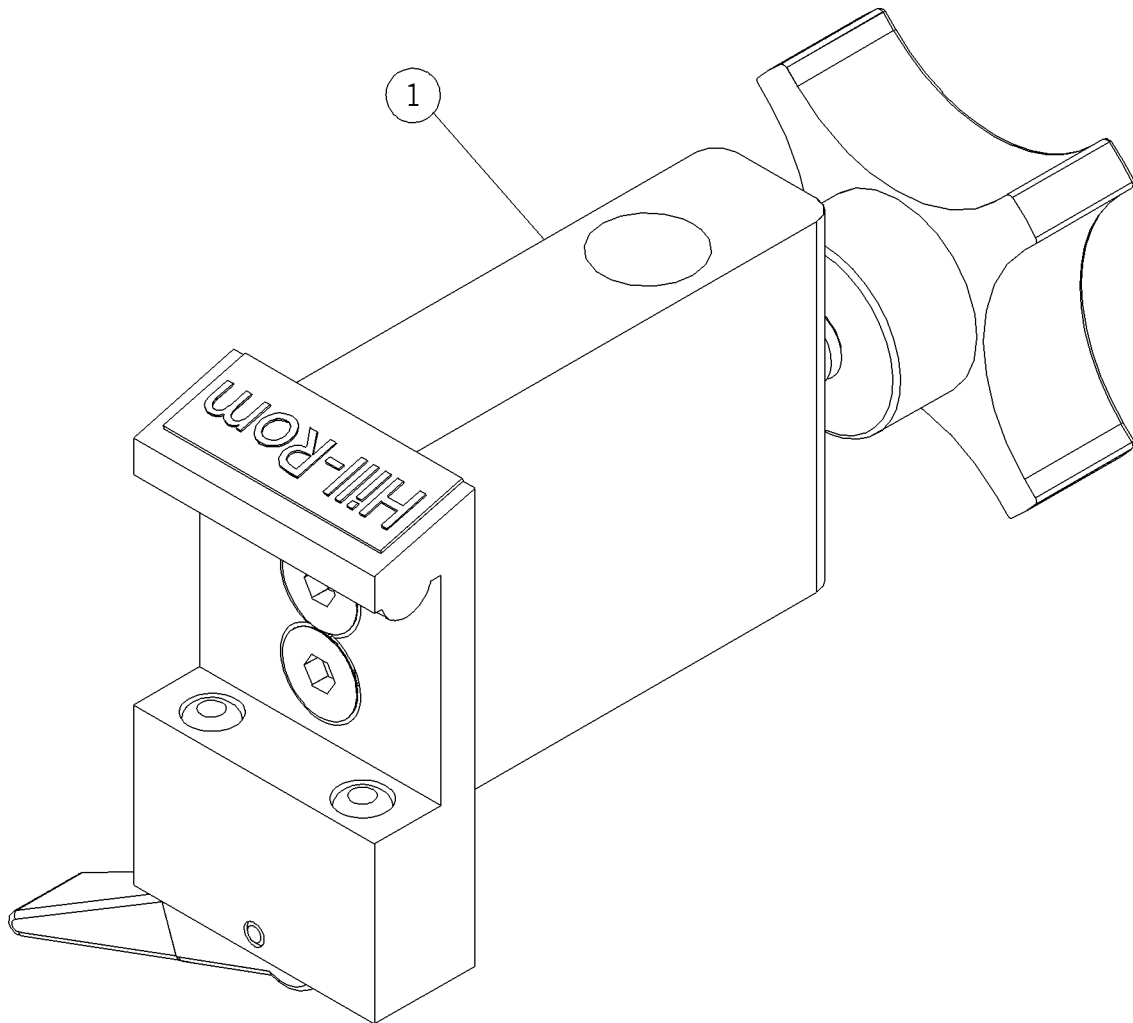


Table 5-64. Utility Light Assembly (P170305-01) P2001B

Item Number	Part Number	Quantity	Description
1	5890-1007-000 (2001)	2	Screw
2	5890-0066-000 (2001)	2	Screw
3	5310-2000-112 (2001)	1	Utility charting light
4	5310-2000-014 (2001)	1	Bracket, utility light
5	5110-3001-000 (2001)	1	Adapter

Utility Light Mount Assembly (P170307-01) P2001B

Figure 5-66. Utility Light Mount Assembly (P170307-01) P2001B



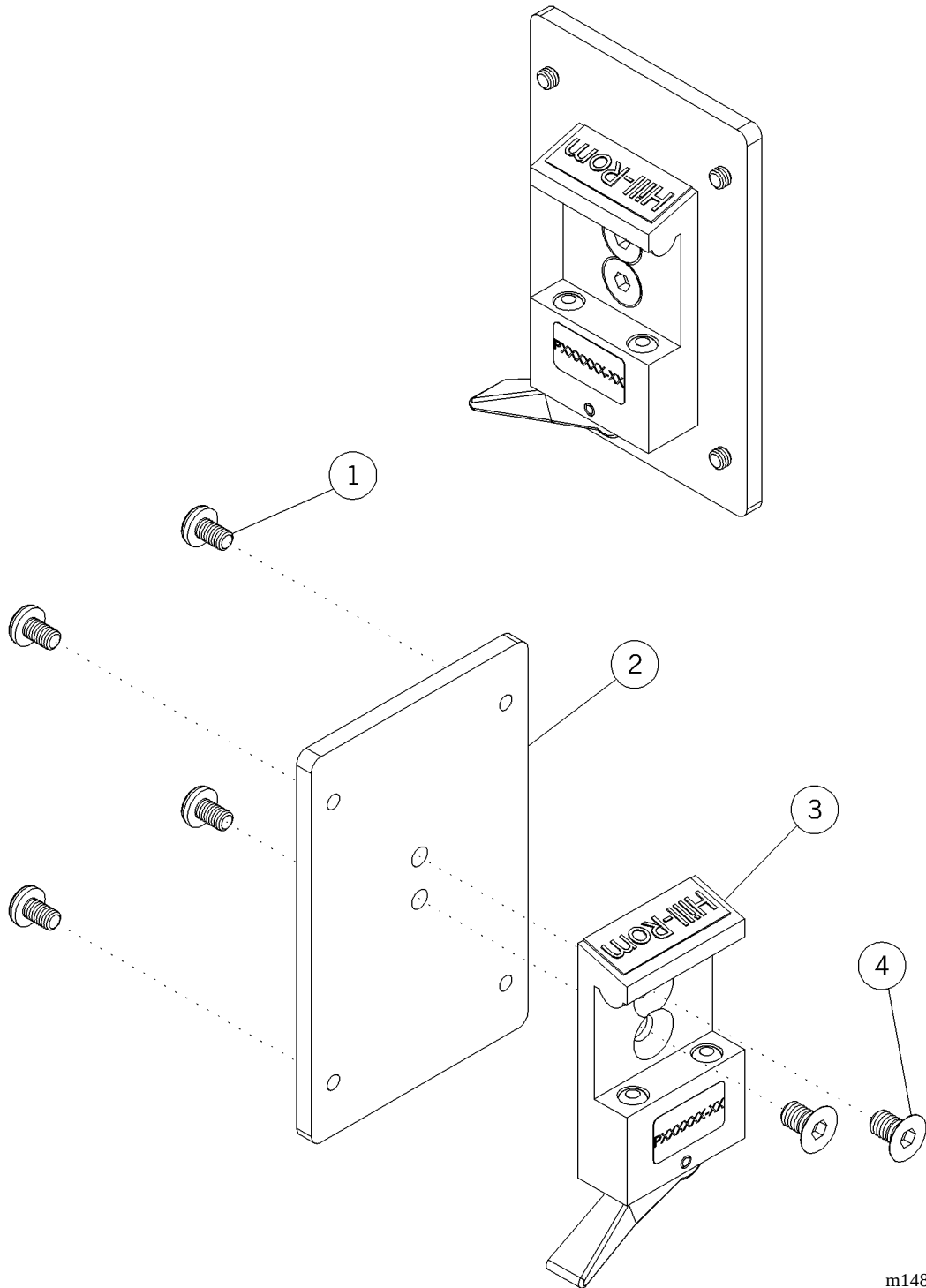
m148a100

Table 5-65. Utility Light Mount Assembly (P170307-01) P2001B

Item Number	Part Number	Quantity	Description
1	5333-0005-000 (2001)	1	Utility light mount assembly

Otoscope Mount Assembly—747 (P170402-01) P2001B

Figure 5-67. Otoscope Mount Assembly—747 (P170402-01) P2001B



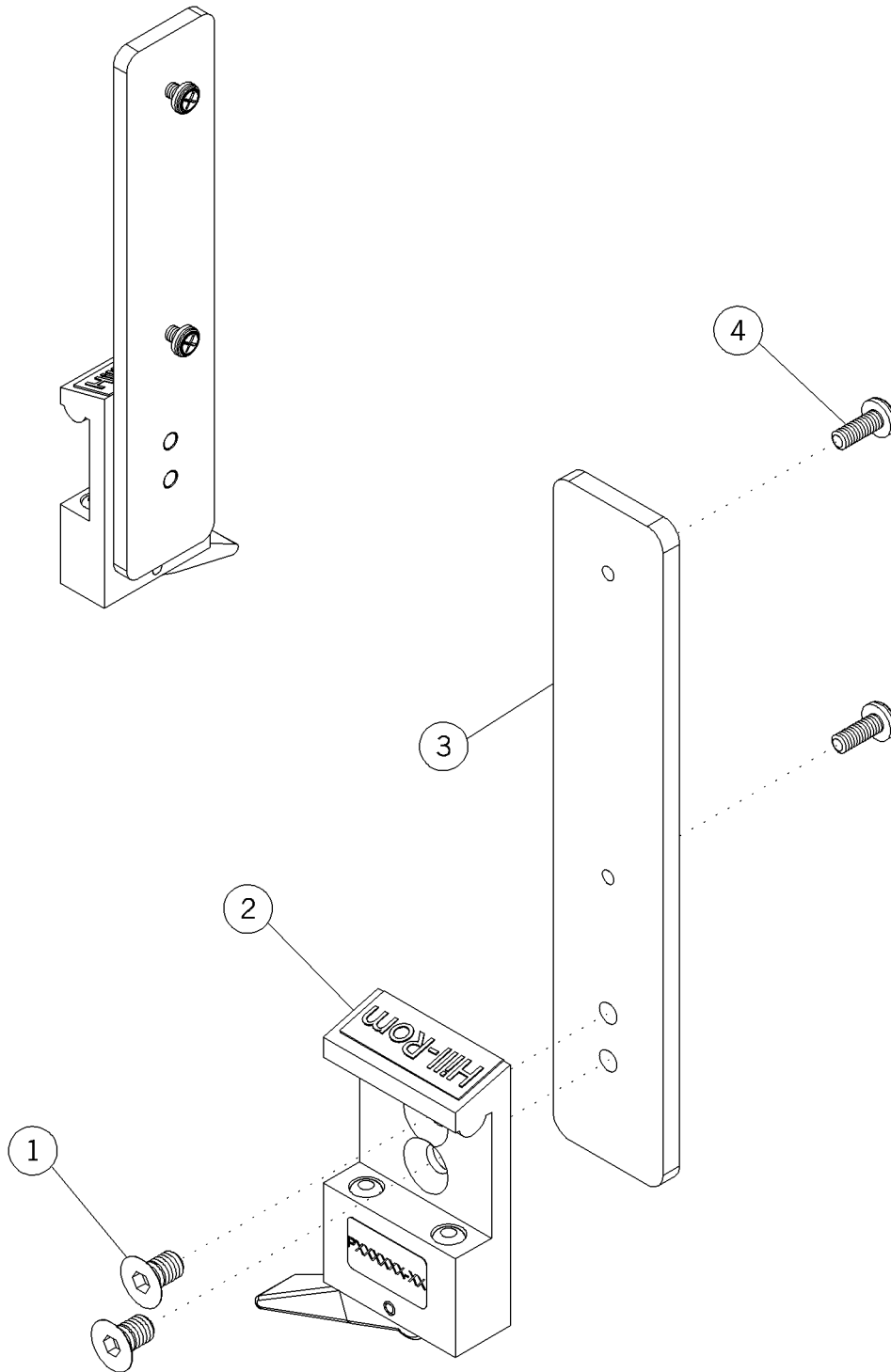
m148a101

Table 5-66. Otoscope Mount Assembly—747 (P170402-01) P2001B

Item Number	Part Number	Quantity	Description
1	5890-006-3000 (2001)	4	Screw
2	5310-2000-066 (2001)	1	Bracket, 747 otoscope
3	5110-3001-000 (2001)	1	Adapter
4	5890-1007-000 (2001)	2	Screw

Speculum Holder Assembly (P170404-01) P2001B

Figure 5-68. Speculum Holder Assembly (P170404-01) P2001B



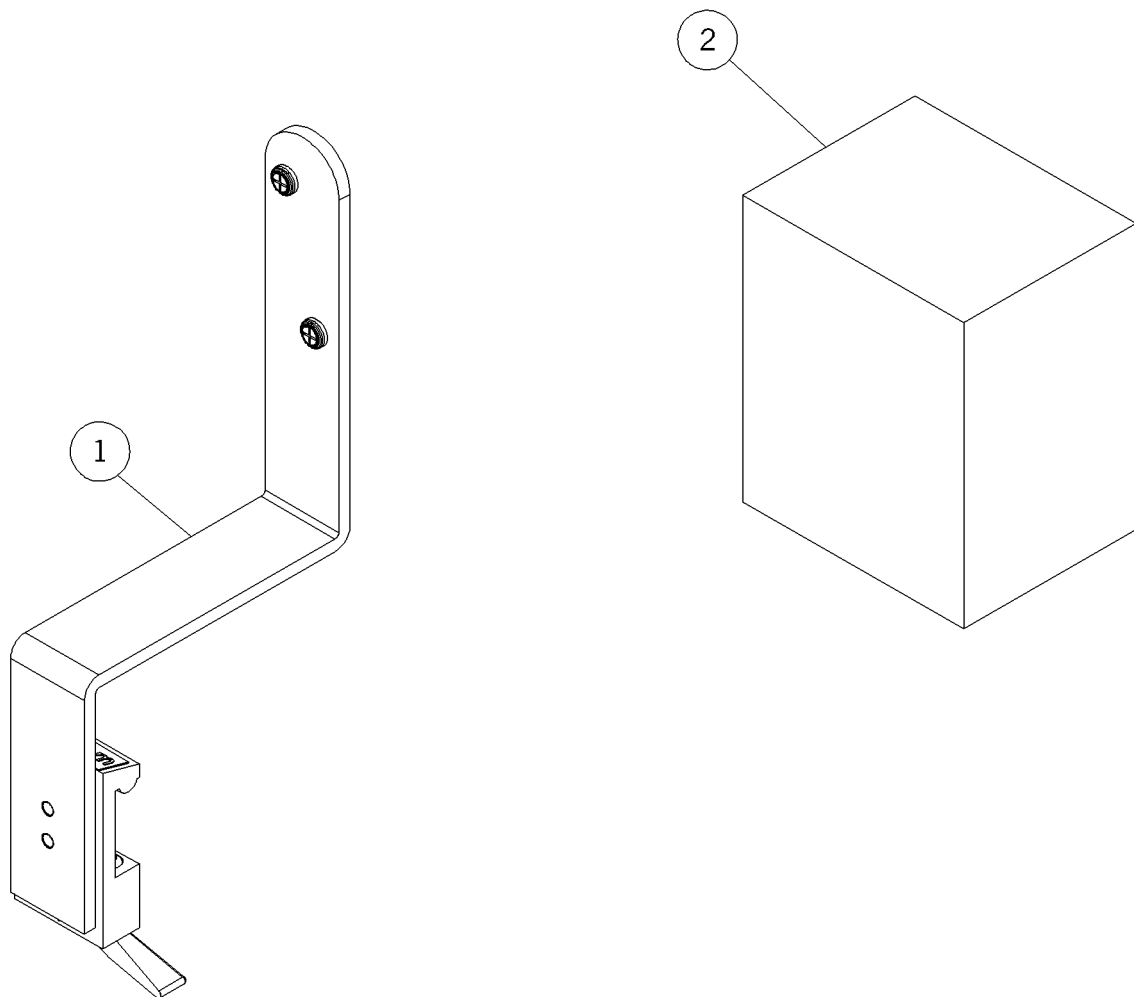
m148a102

Table 5-67. Speculum Holder Assembly (P170404-01) P2001B

Item Number	Part Number	Quantity	Description
1	5890-1007-000 (2001)	2	Screw
2	5110-3001-000 (2001)	1	Adapter
3	5310-2000-069 (2001)	1	Bracket, speculum holder
4	5890-0055-000 (2001)	2	Screw

Aneroid Sphygmo Mount Assembly (P170410-01) P2001B

Figure 5-69. Aneroid Sphygmo Mount Assembly (P170410-01) P2001B



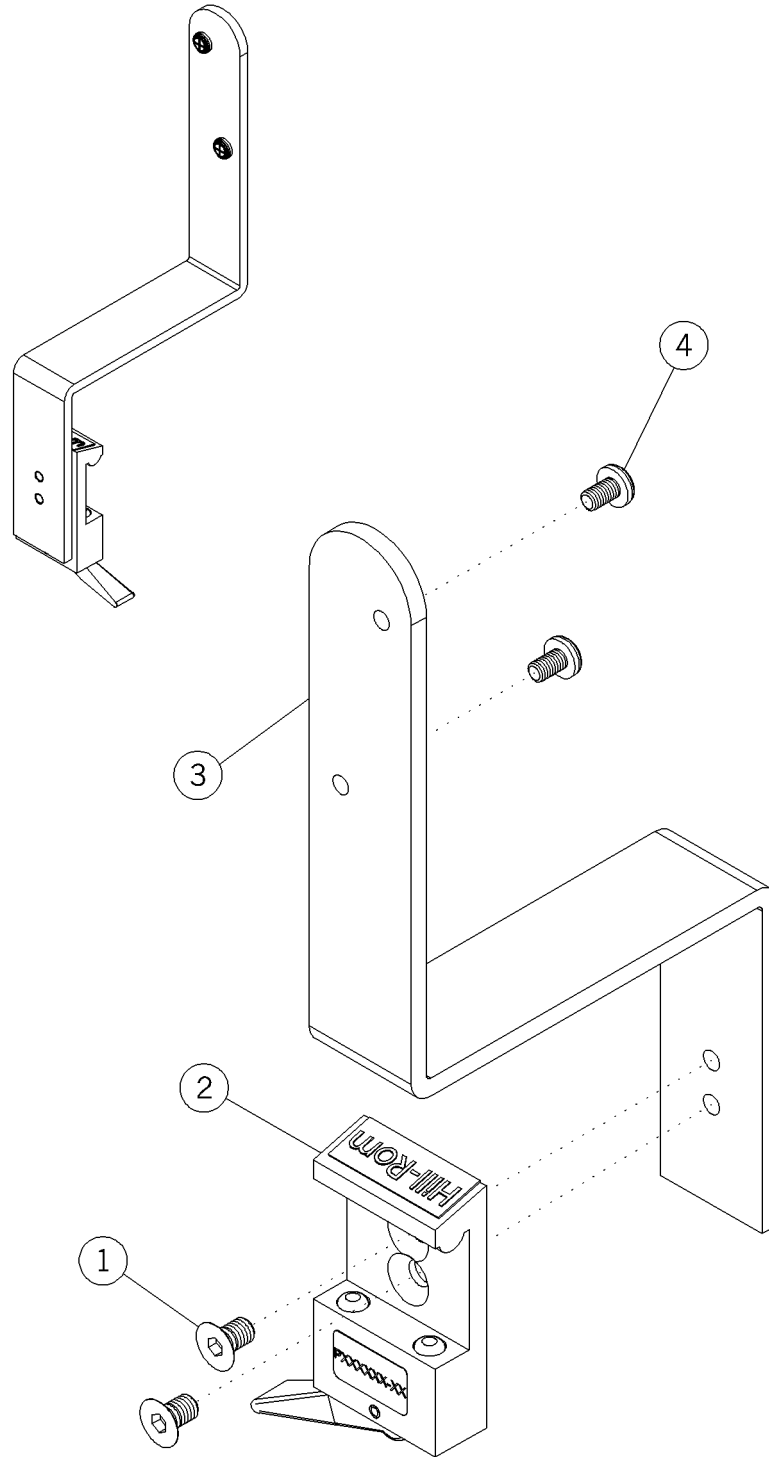
m148a103

Table 5-68. Aneroid Sphygmo Mount Assembly (P170410-01) P2001B

Item Number	Part Number	Quantity	Description
1	5310-2100-008 (2001)	1	Assembly, Aneroid mount sphygmo
2	5801-033-000 (2001)	1	Tycos 5091-38

Aneroid Sphygmo Assembly (P170411-01) P2001B

Figure 5-70. Aneroid Sphygmo Assembly (P170411-01) P2001B



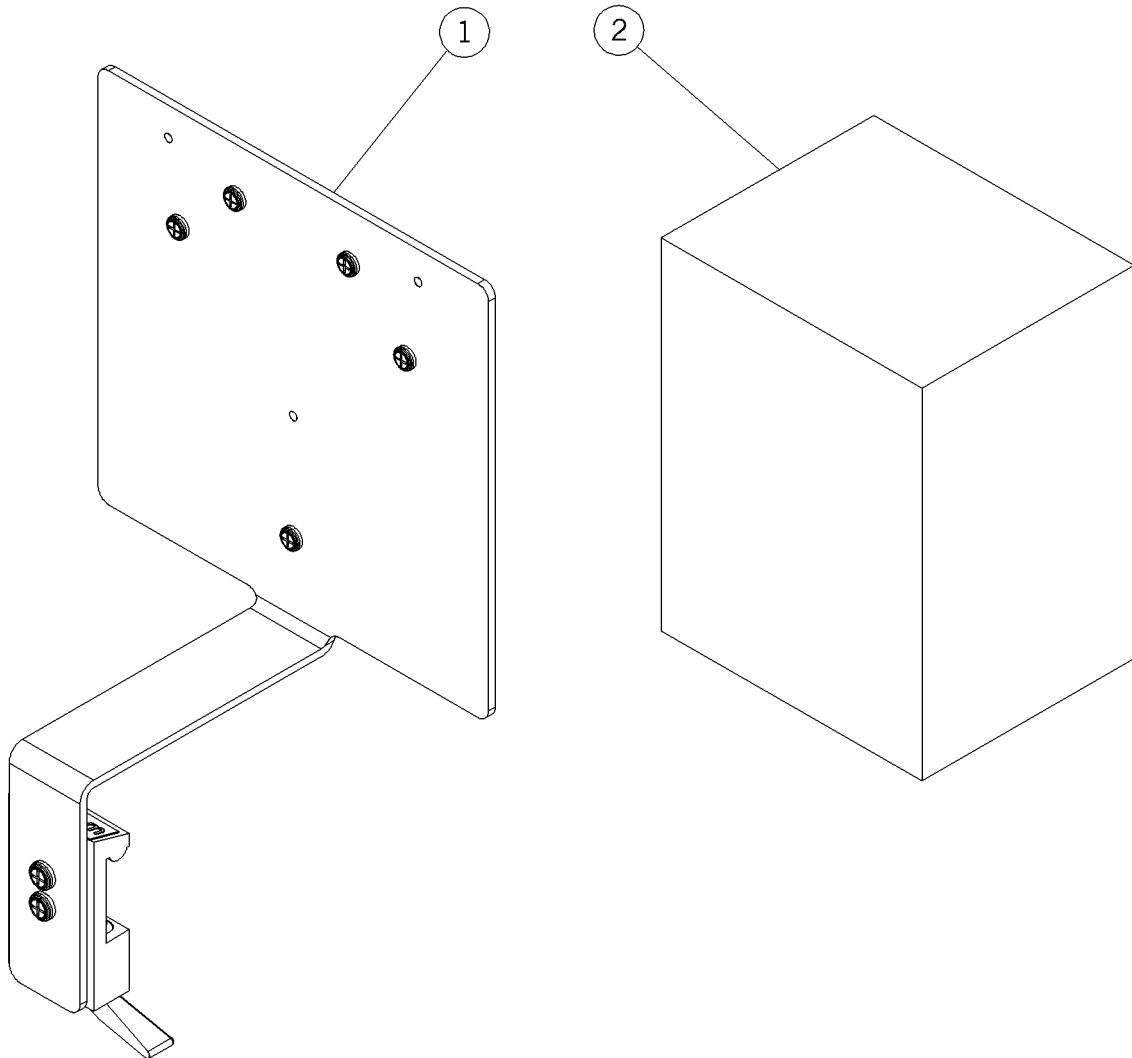
m148a104

Table 5-69. Aneroid Sphygmo Assembly (P170411-01) P2001B

Item Number	Part Number	Quantity	Description
1	5890-1007-000 (2001)	2	Screw
2	5310-2100-052 (2001)	1	Adapter
3	5310-2000-016 (2001)	1	Bracket, Aneroid sphygmo
4	5890-0063-000 (2001)	2	Screw

7670 Assembly (P170412-01) P2001B

Figure 5-71. 7670 Assembly (P170412-01) P2001B



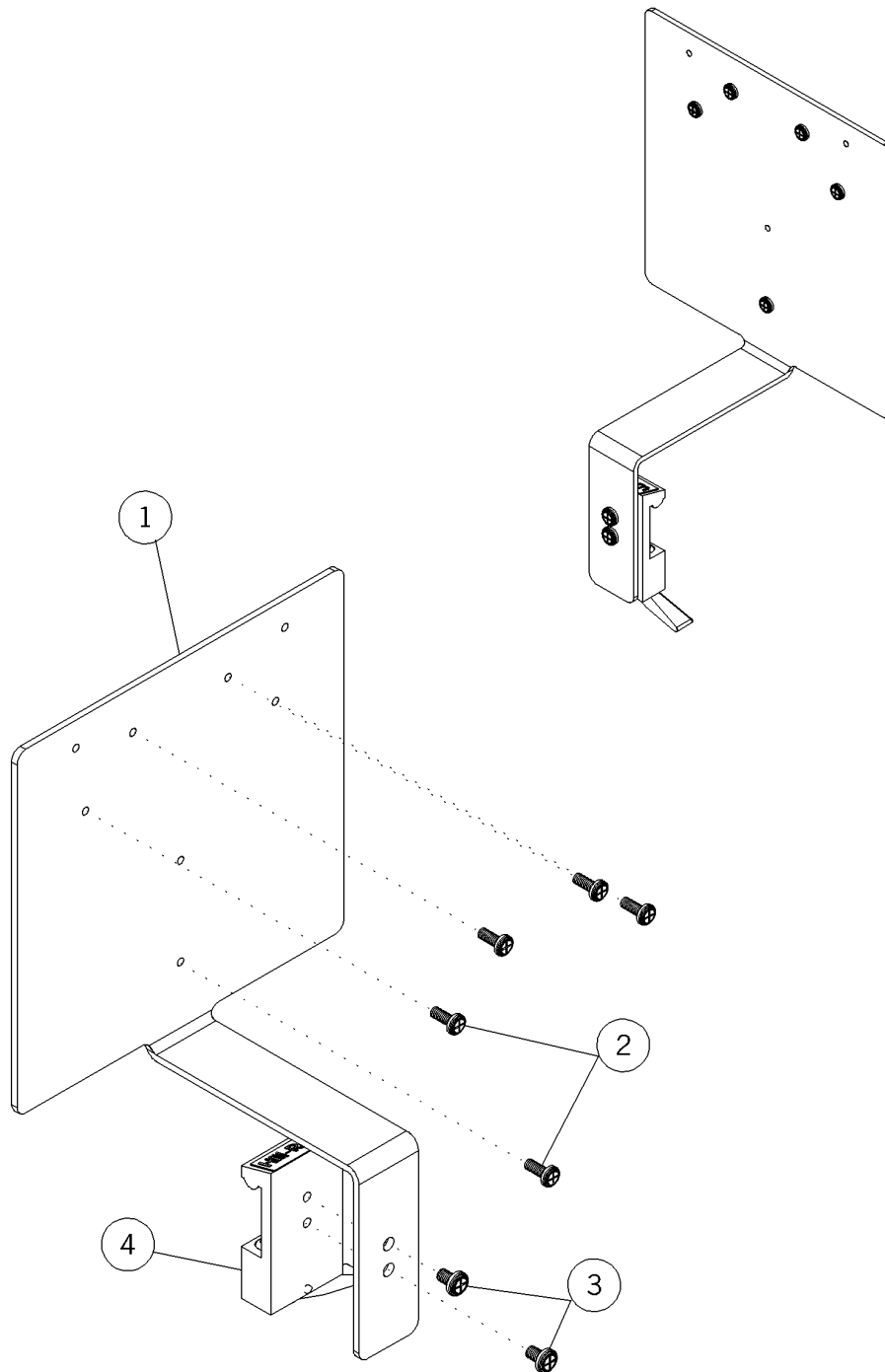
m148a105

Table 5-70. 7670 Assembly (P170412-01) P2001B

Item Number	Part Number	Quantity	Description
1	5310-2100-003 (2001)	1	Assembly, mount thermometer and 7670
2	Box 3 (2001)	2	Tycos 7670

Mount Thermometer and 7670 Assembly (P170413-01/P170420-01) P2001B

Figure 5-72. Mount Thermometer and 7670 Assembly (P170413-01/P170420-01) P2001B



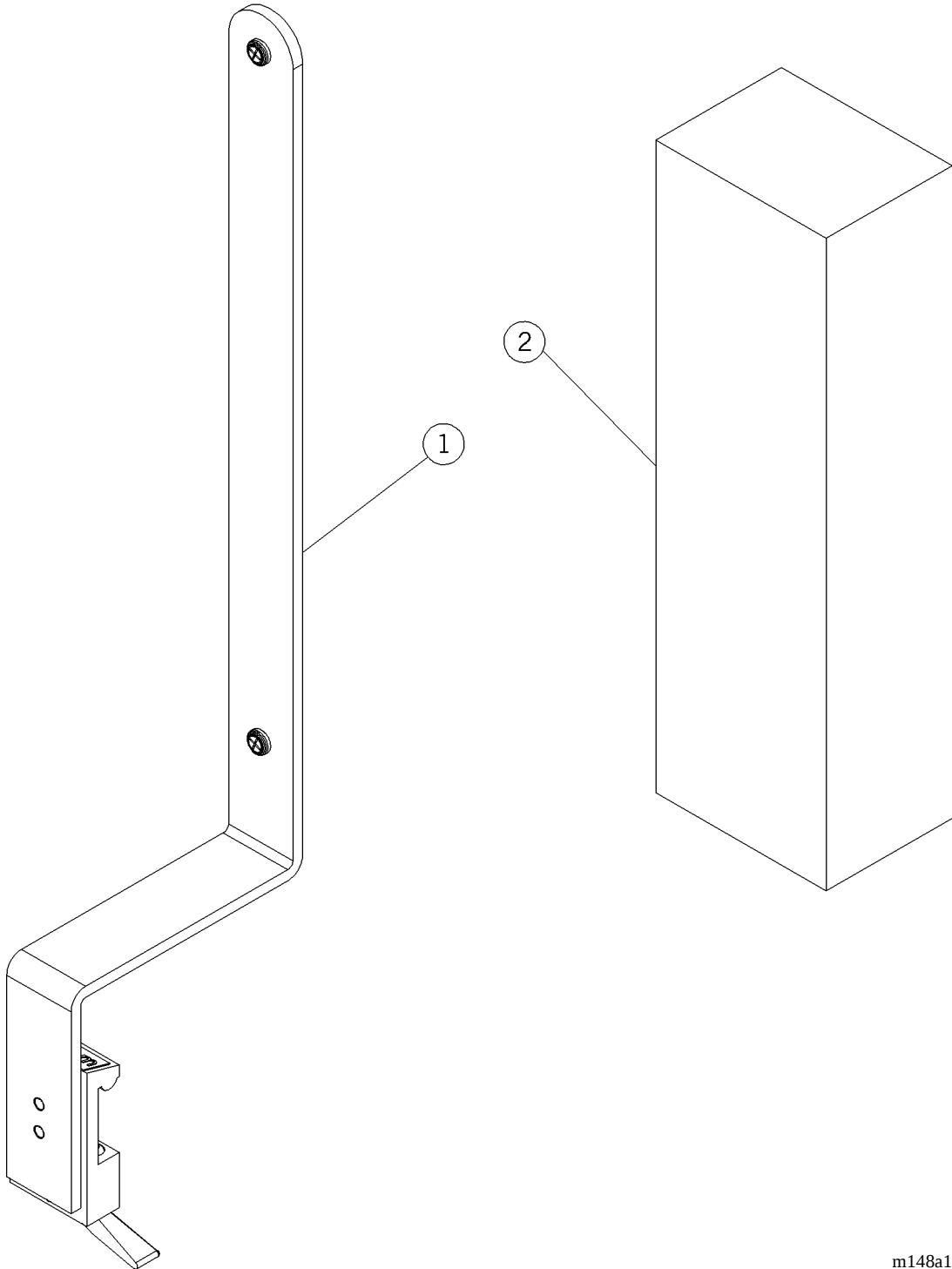
m148a106

Table 5-71. Mount Thermometer and 7670 Assembly (P170413-01/P170420-01) P2001B

Item Number	Part Number	Quantity	Description
1	5310-2000-003 (2001)	1	Plate, thermometer mounting
2	5890-0055-000 (2001)	5	Screw
3	5890-0063-000 (2001)	2	Screw
4	5310-2100-053 (2001)	1	Adapter

Mercury Mount and Equipment Assembly (P170414-01) P2001B

Figure 5-73. Mercury Mount and Equipment Assembly (P170414-01) P2001B



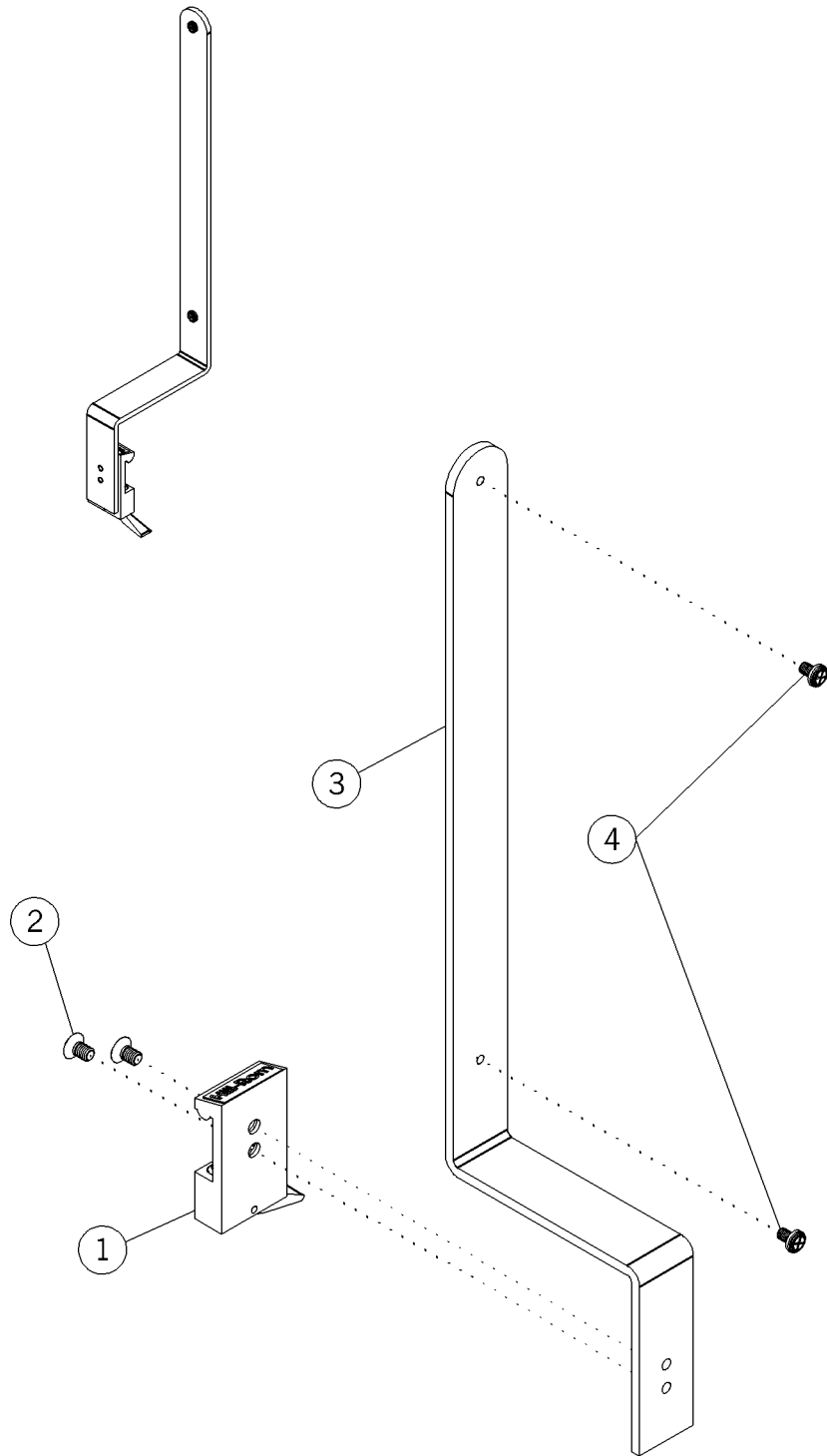
m148a107

**Table 5-72. Mercury Mount and Equipment Assembly (P170414-01)
P2001B**

Item Number	Part Number	Quantity	Description
1	5310-2100-011 (2001)	1	Assembly, mercury sphygmo
2	5801-0032-000 (2001)	1	Baum, mercury sphygmo

Mercury Sphygmo Assembly (P170415-01) P2001B

Figure 5-74. Mercury Sphygmo Assembly (P170415-01) P2001B



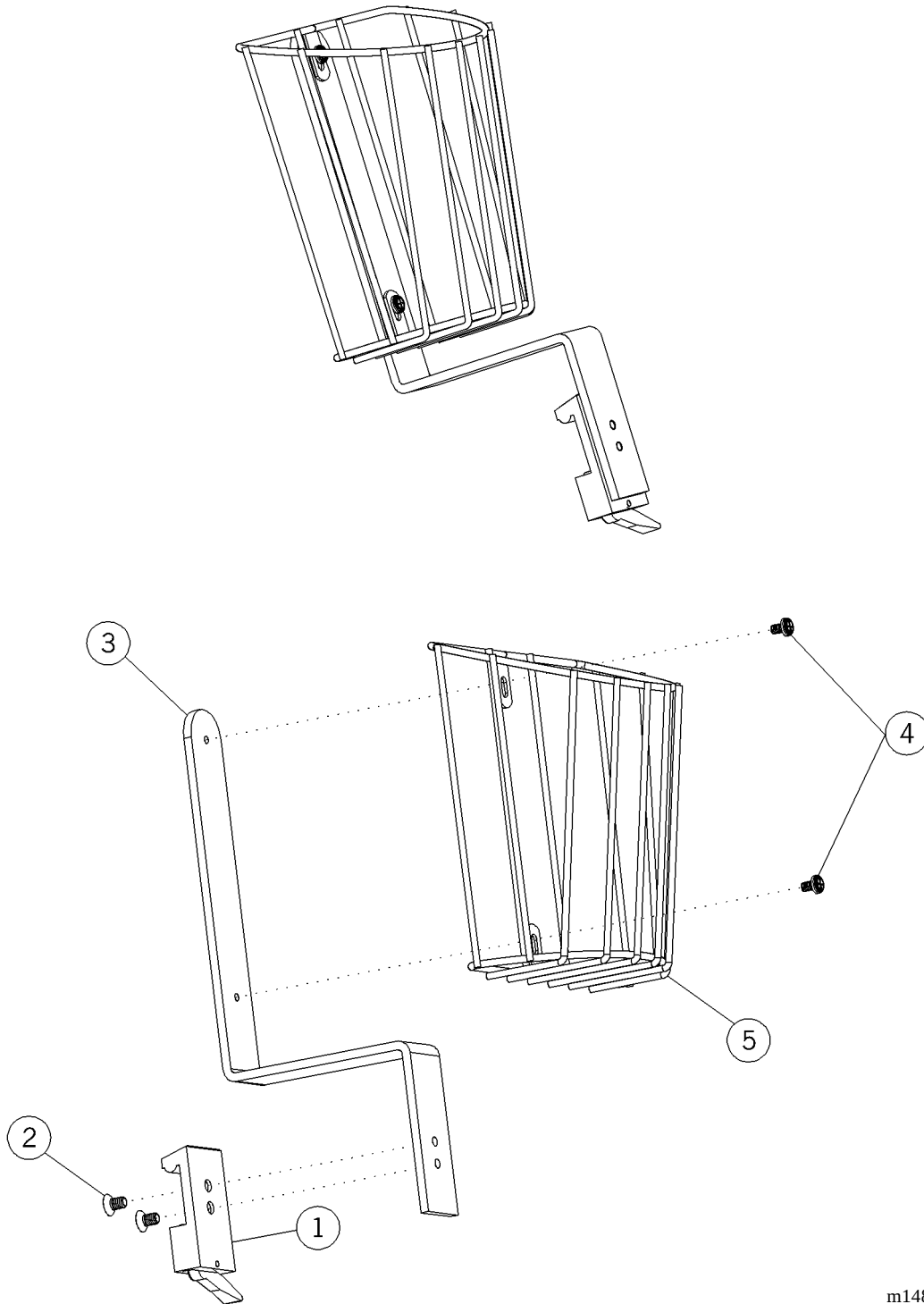
m148a108

Table 5-73. Mercury Sphygmo Assembly (P170415-01) P2001B

Item Number	Part Number	Quantity	Description
1	5310-2100-052 (2001)	1	Adapter
2	5890-1007-000 (2001)	2	Screw
3	5310-2000-020 (2001)	1	Bracket, mercury sphygmo
4	5890-0063-000 (2001)	2	Screw

Cuff Basket Assembly (P170416-01) P2001B

Figure 5-75. Cuff Basket Assembly (P170416-01) P2001B



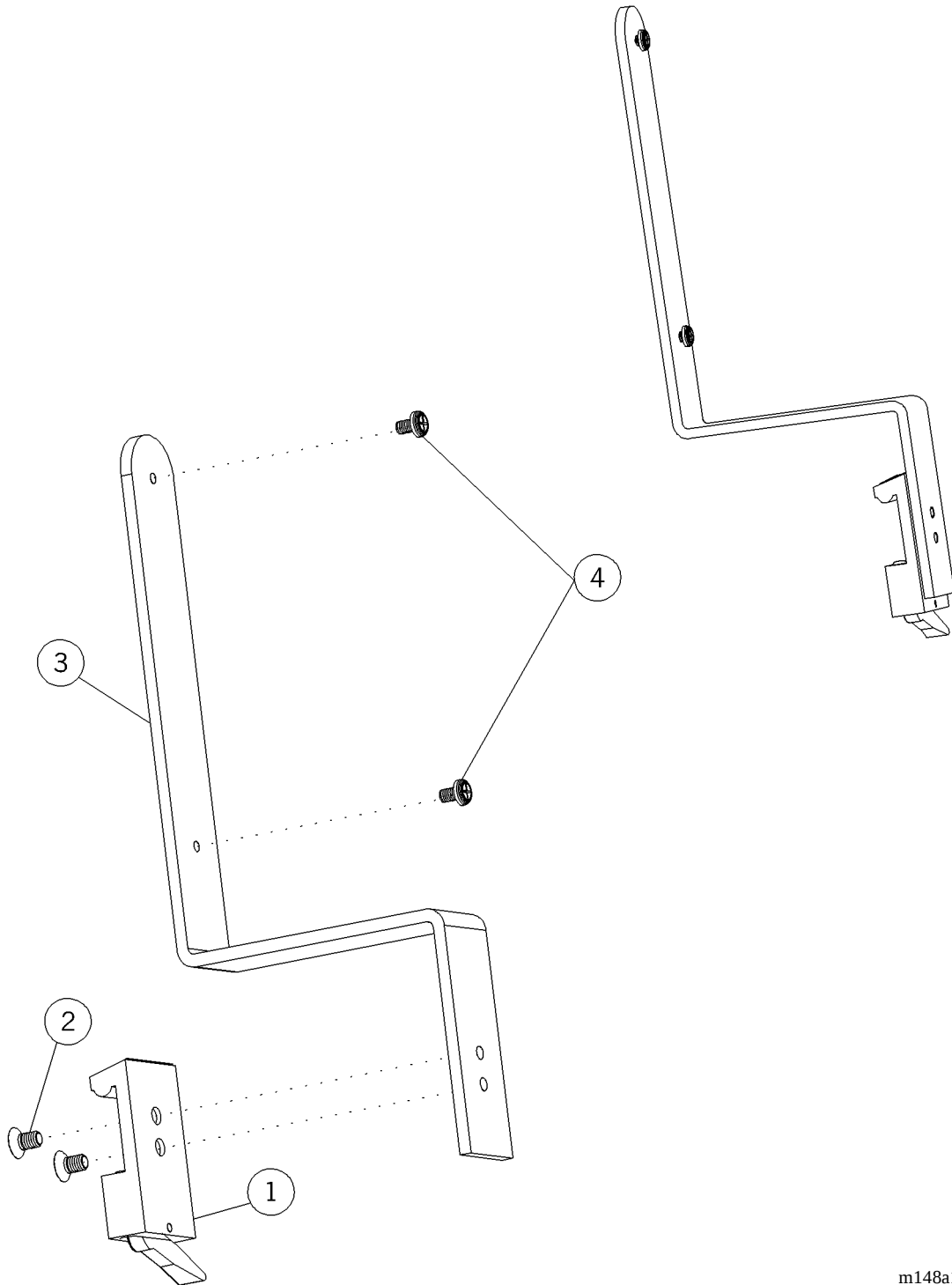
m148a109

Table 5-74. Cuff Basket Assembly (P170416-01) P2001B

Item Number	Part Number	Quantity	Description
1	5310-2100-052 (2001)	1	Adapter
2	5890-1007-000 (2001)	2	Screw
3	5310-2000-021 (2001)	1	Bracket, cuff basket
4	5890-0063-000 (2001)	2	Screw
5	5310-2000-045 (2001)	1	Basket, wire, cuff

Cuff Basket Mount Assembly (P170417-01) P2001B

Figure 5-76. Cuff Basket Mount Assembly (P170417-01) P2001B



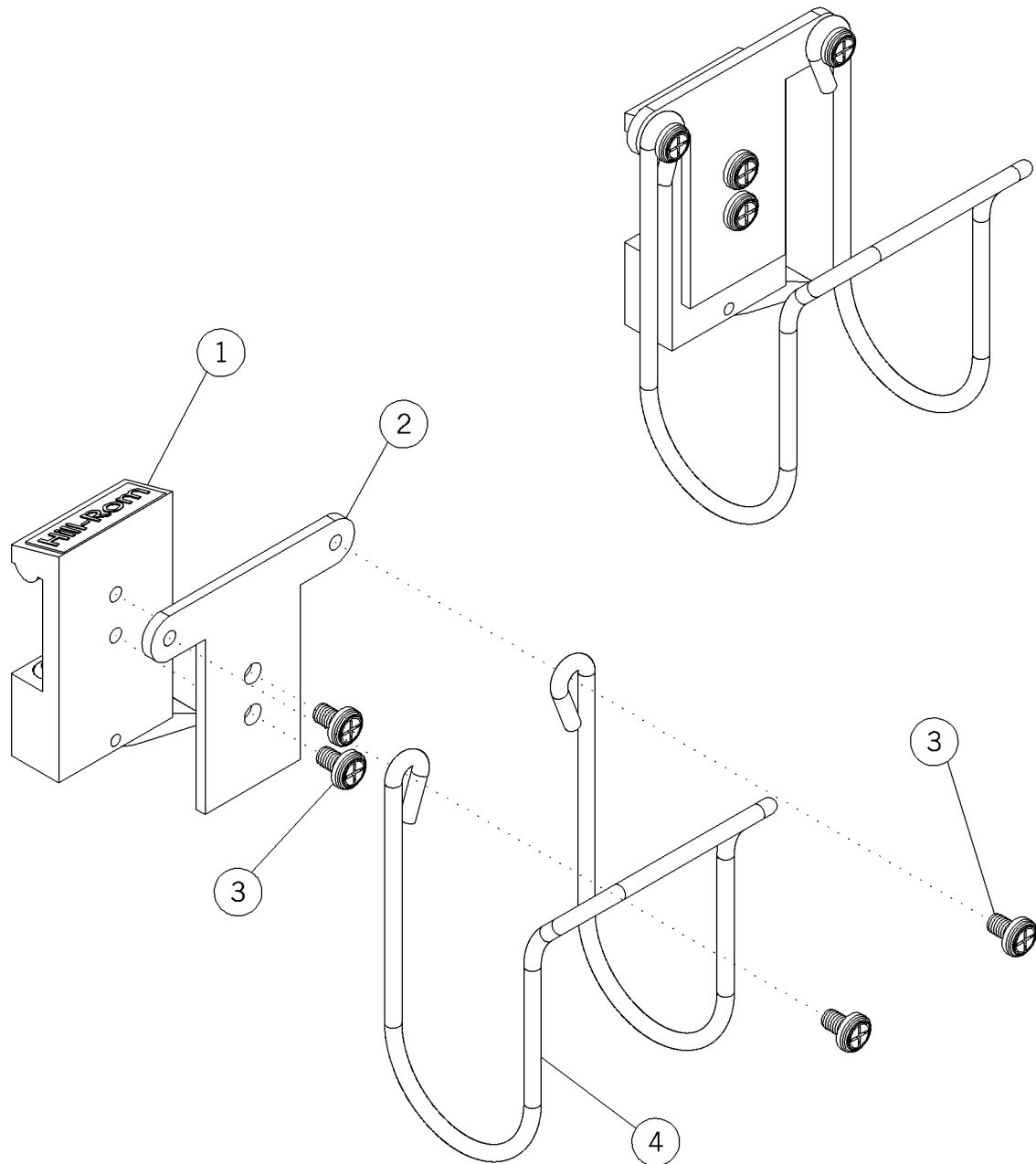
m148a110

Table 5-75. Cuff Basket Mount Assembly (P170417-01) P2001B

Item Number	Part Number	Quantity	Description
1	5310-2100-052 (2001)	1	Adapter
2	5890-1007-000 (2001)	2	Screw
3	5310-2000-021 (2001)	1	Bracket, cuff basket
4	5890-0063-000 (2001)	1	Screw

Utility Hook Assembly (P170418-01) P2001B

Figure 5-77. Utility Hook Assembly (P170418-01) P2001B



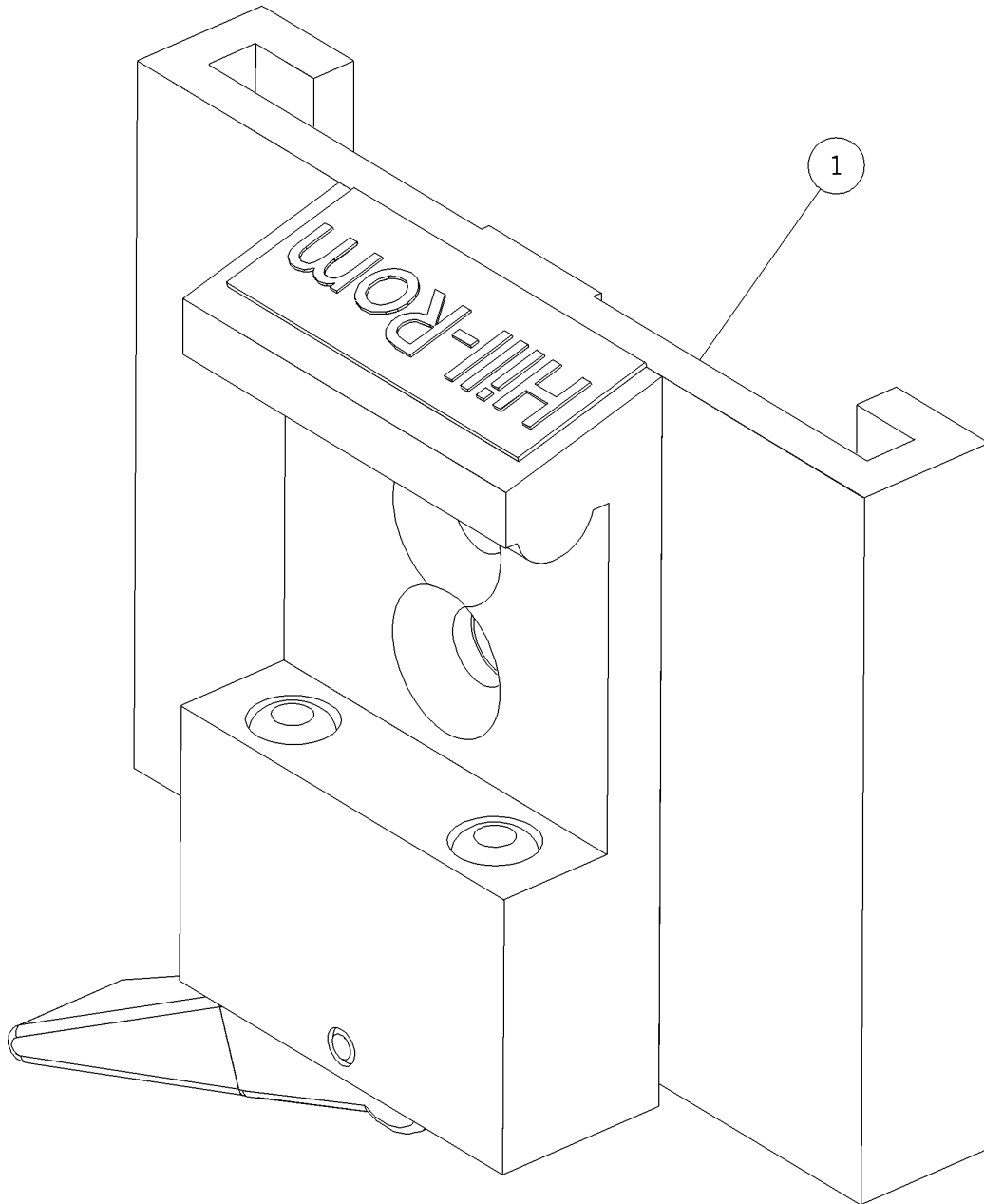
m148a111

Table 5-76. Utility Hook Assembly (P170418-01) P2001B

Item Number	Part Number	Quantity	Description
1	5310-2100-053 (2001)	1	Adapter
2	5310-2000-012 (2001)	1	Bracket, utility hook
3	5890-0062-000 (2001)	4	Screw
4	5310-2000-013 (2001)	1	Clip, wire cuff

Conchatherm®¹ Mount Assembly (P170430-01) P2001B

Figure 5-78. Conchatherm® Mount Assembly (P170430-01) P2001B



m148a112

1. Concha® is a registered trademark of Respiratory Care, Inc.

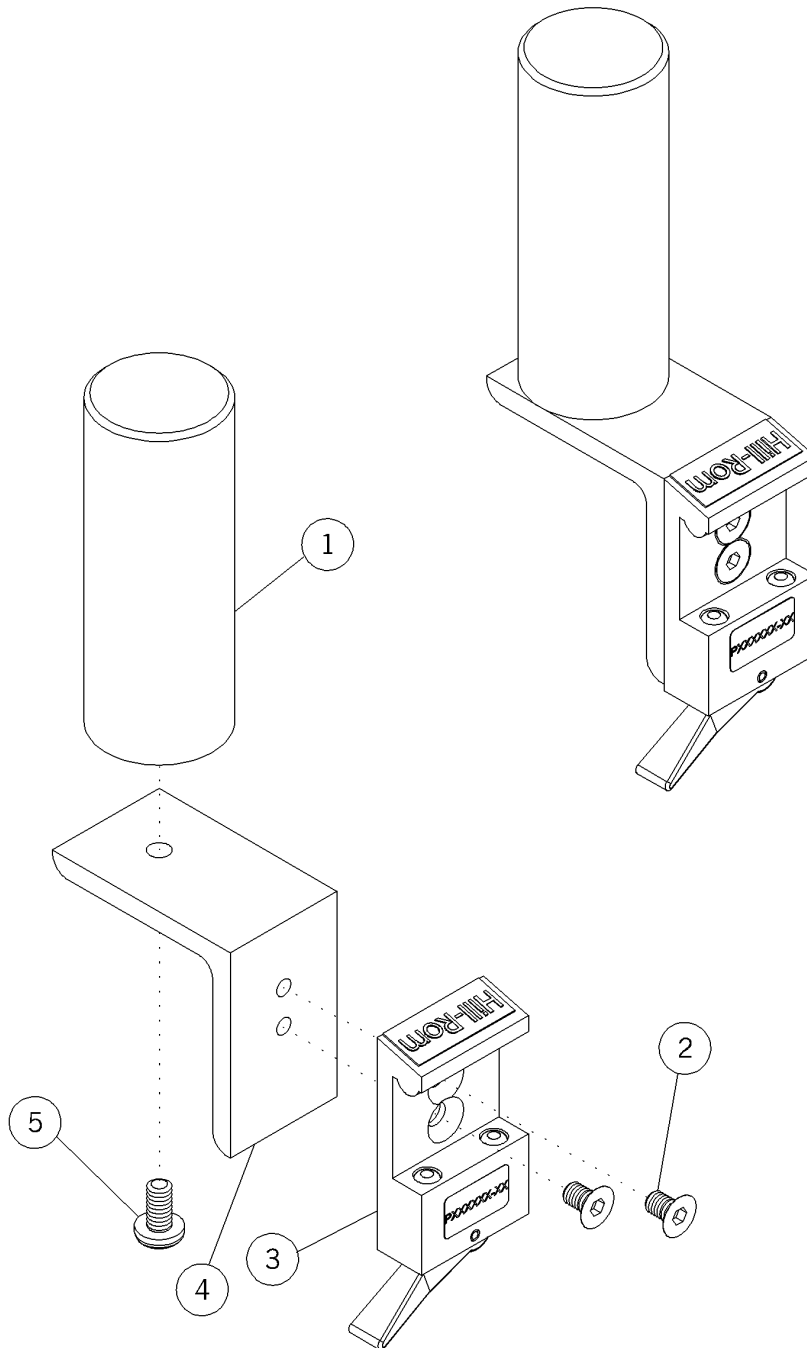
Table 5-77. Conchatherm®¹ Mount Assembly (P170430-01) P2001B

Item Number	Part Number	Quantity	Description
1	5332-1170-000 (2001)	1	Conchatherm mount assembly

1. Concha® is a registered trademark of Respiratory Care, Inc.

Puritan-Bennett®¹ Cascade Humidifier Holder (P170431-01) P2001B

Figure 5-79. Puritan-Bennett® Cascade Humidifier Holder (P170431-01) P2001B



m148a113

1. Puritan-Bennett® is a registered trademark of Puritan-Bennett Corporation.

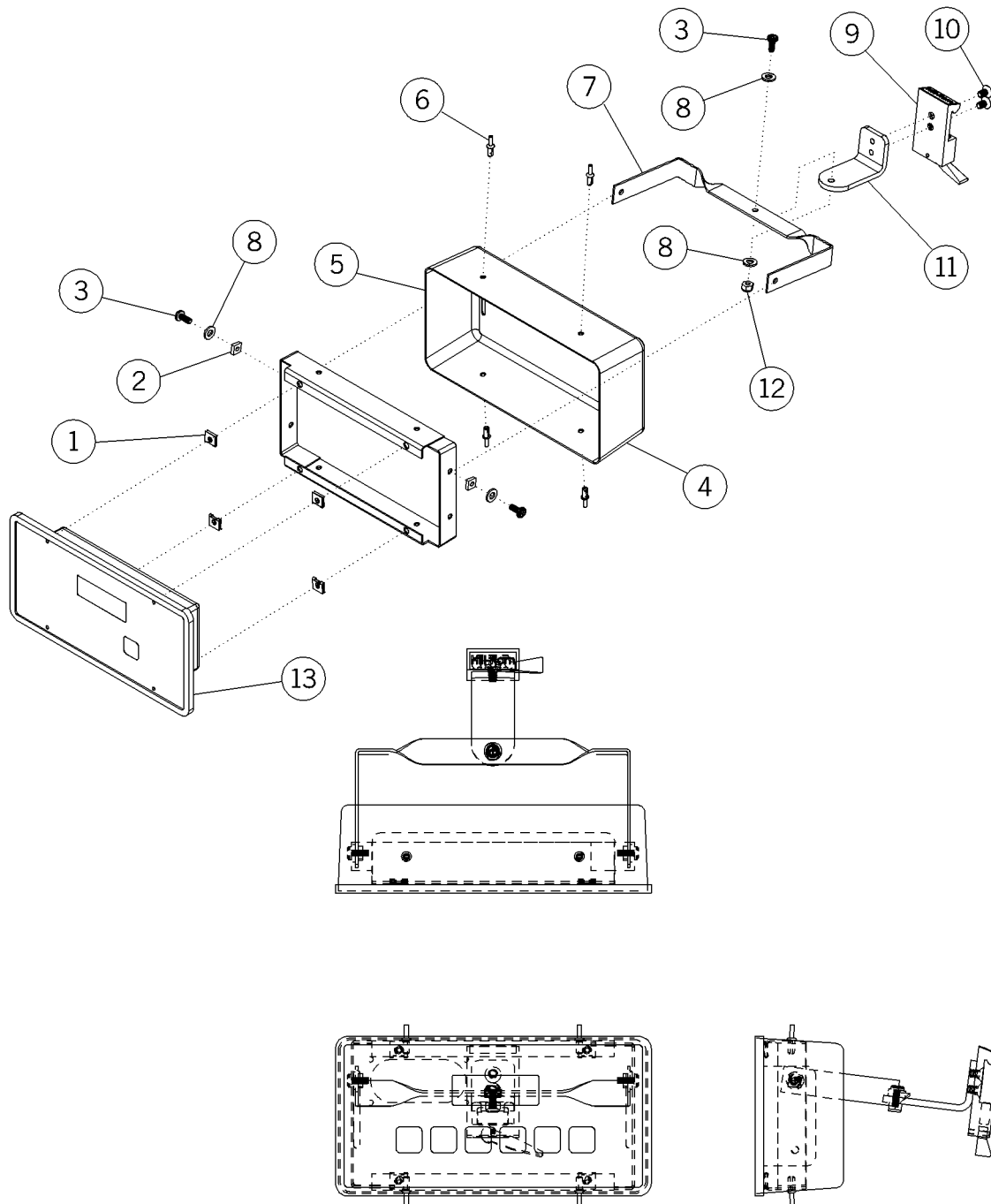
Table 5-78. Puritan-Bennett®¹ Cascade Humidifier Holder (P170431-01) P2001B

Item Number	Part Number	Quantity	Description
1	5115-2146-000 (2001)	1	Cascade holder
2	5890-1007-000 (2001)	2	Screw
3	5110-3001-000 (2001)	1	Adapter
4	5310-2000-001 (2001)	1	Bracket, cascade holder
5	5890-1072-000 (2001)	1	Screw

1. Puritan-Bennett® is a registered trademark of Puritan-Bennett Corporation.

Stat Clock Assembly (P170440-01) P2001B

Figure 5-80. Stat Clock Assembly (P170440-01) P2001B



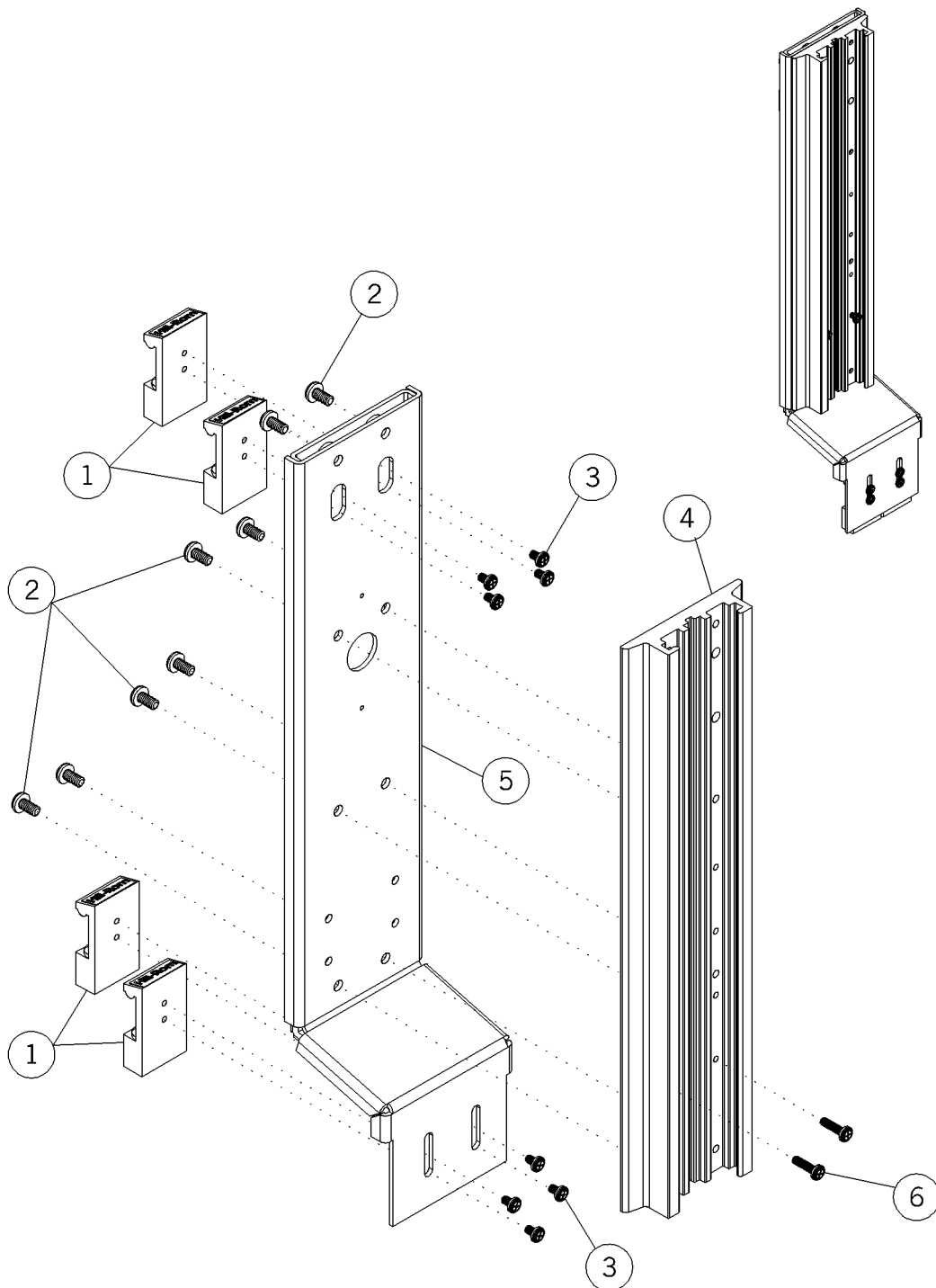
m148a114

Table 5-79. Stat Clock Assembly (P170440-01) P2001B

Item Number	Part Number	Quantity	Description
1	5891-0022-000 (2001)	4	Nylon nut
2	5891-0023-000 (2001)	2	Square nut
3	5890-0068-000 (2001)	3	Pan head screw
4	5310-2000-084 (2001)	1	Stat clock, clock pod cover
5	5310-2100-046 (2001)	1	Weldment, stat clock pivot frame
6	5980-3007-000 (2001)	4	Rivet
7	5310-2000-081 (2001)	1	Stat clock, bail
8	5891-0104-000 (2001)	4	Washer
9	5110-3001-000 (2001)	1	Adapter
10	5890-1007-000 (2001)	2	Screw
11	5310-2000-083 (2001)	1	Stat clock, mounting arm
12	5891-0001-000 (2001)	1	Nut
13	5310-2000-080 (2001)	1	Stat clock, clock pod

Monitor Mount Assembly (P170501-01) P2001B

Figure 5-81. Monitor Mount Assembly (P170501-01) P2001B



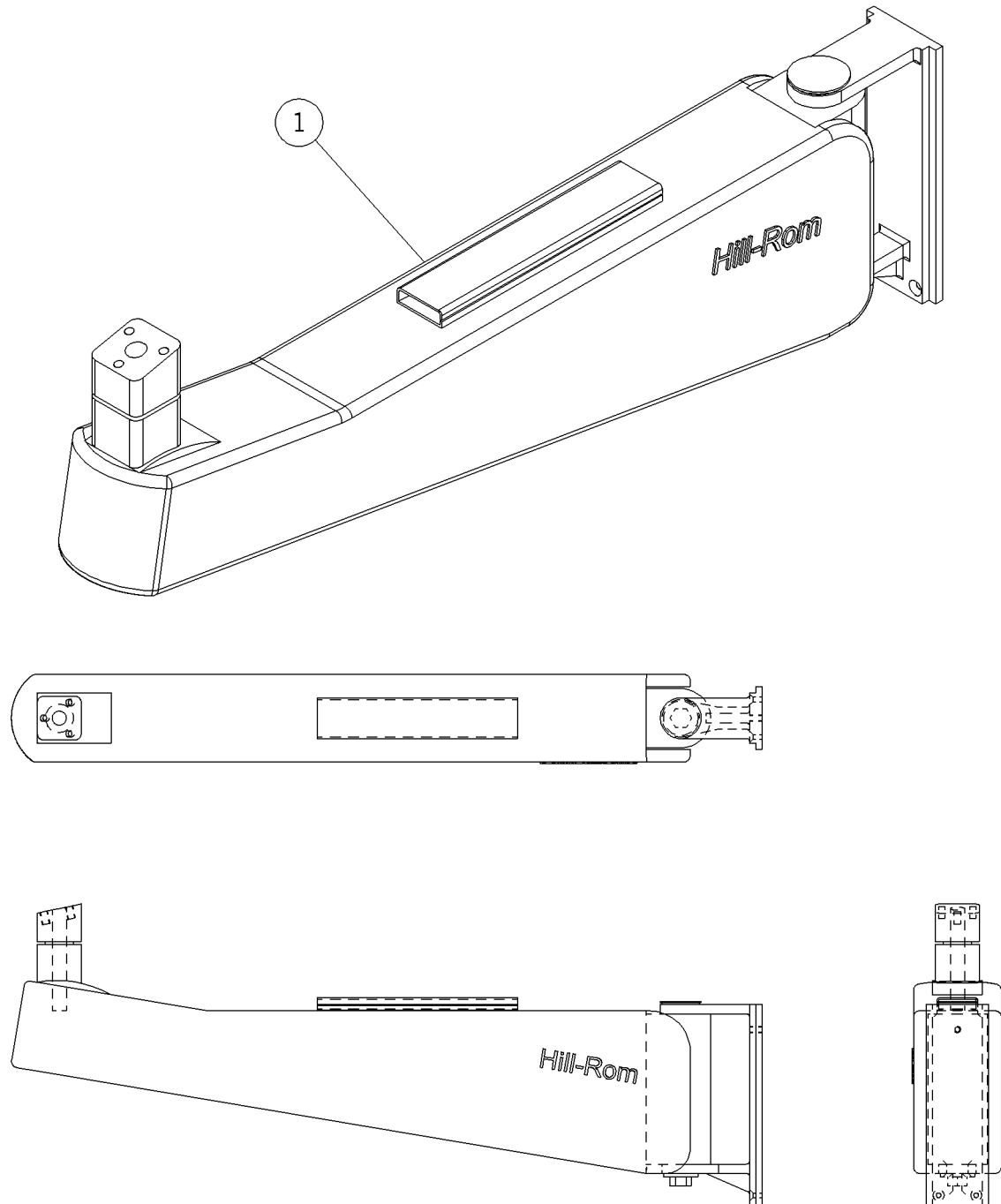
m148a115

Table 5-80. Monitor Mount Assembly (P170501-01) P2001B

Item Number	Part Number	Quantity	Description
1	5400-0316-000 (2001)	4	Adapter, ball steel
2	5890-1072-000 (2001)	8	Screw
3	5890-0063-000 (2001)	8	Screw
4	5310-2000-056 (2001)	1	Extrusion, channel monitor
5	5310-2100-036 (2001)	1	Assembly, monitor weldment
6	5890-0070-000 (2001)	2	Screw

Monitor Arm Track Mount (P170502-01) P2001B

Figure 5-82. Monitor Arm Track Mount (P170502-01) P2001B



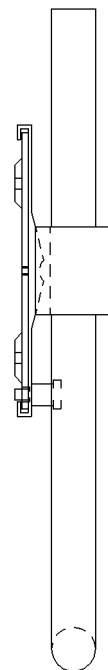
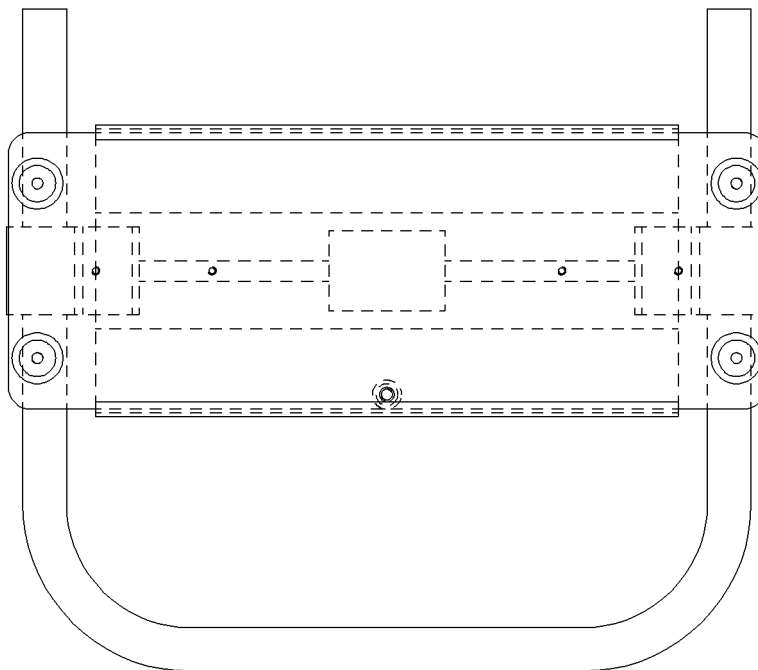
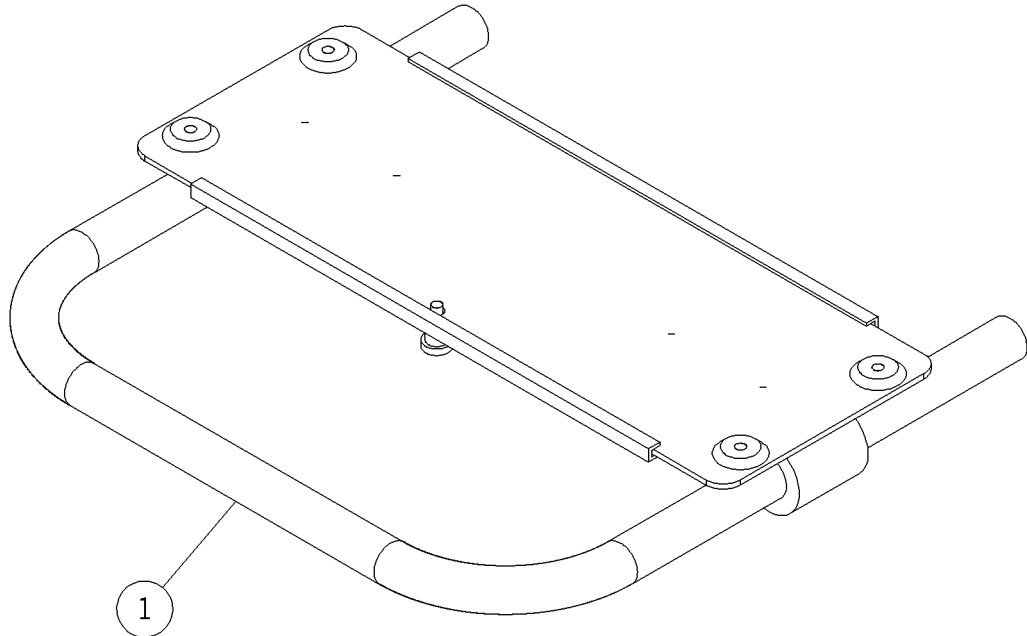
m148a116

Table 5-81. Monitor Arm Track Mount (P170502-01) P2001B

Item Number	Part Number	Quantity	Description
1	5310-2000-121 (2001)	1	Monitor arm track mount

Monitor Mounting Kit (P170503-01) P2001B

Figure 5-83. Monitor Mounting Kit (P170503-01) P2001B



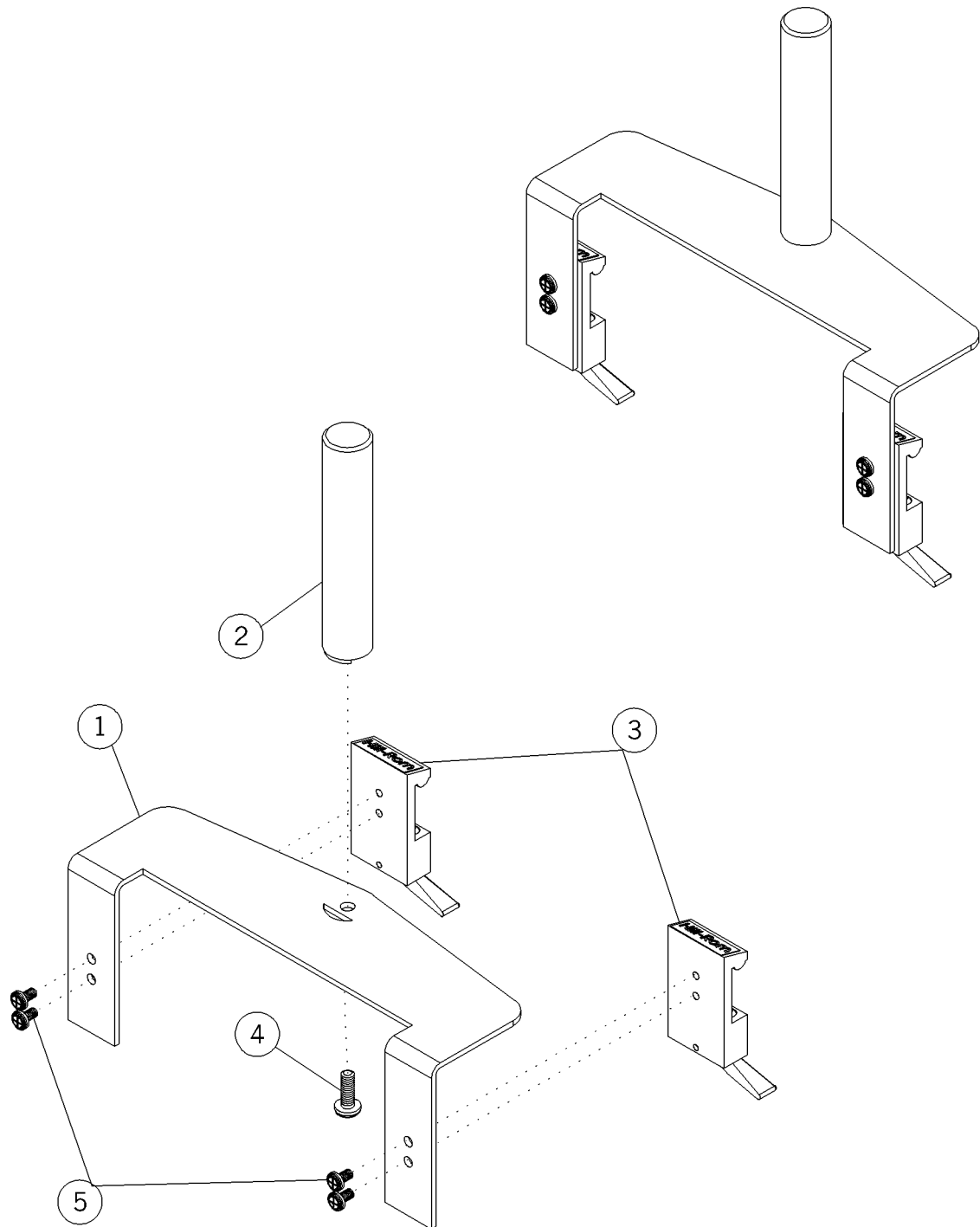
m148a117

Table 5-82. Monitor Mounting Kit (P170503-01) P2001B

Item Number	Part Number	Quantity	Description
1	5310-2000-122 (2001)	1	Monitor Mounting Kit

Rack Mount Assembly (P170504-01) P2001B

Figure 5-84. Rack Mount Assembly (P170504-01) P2001B



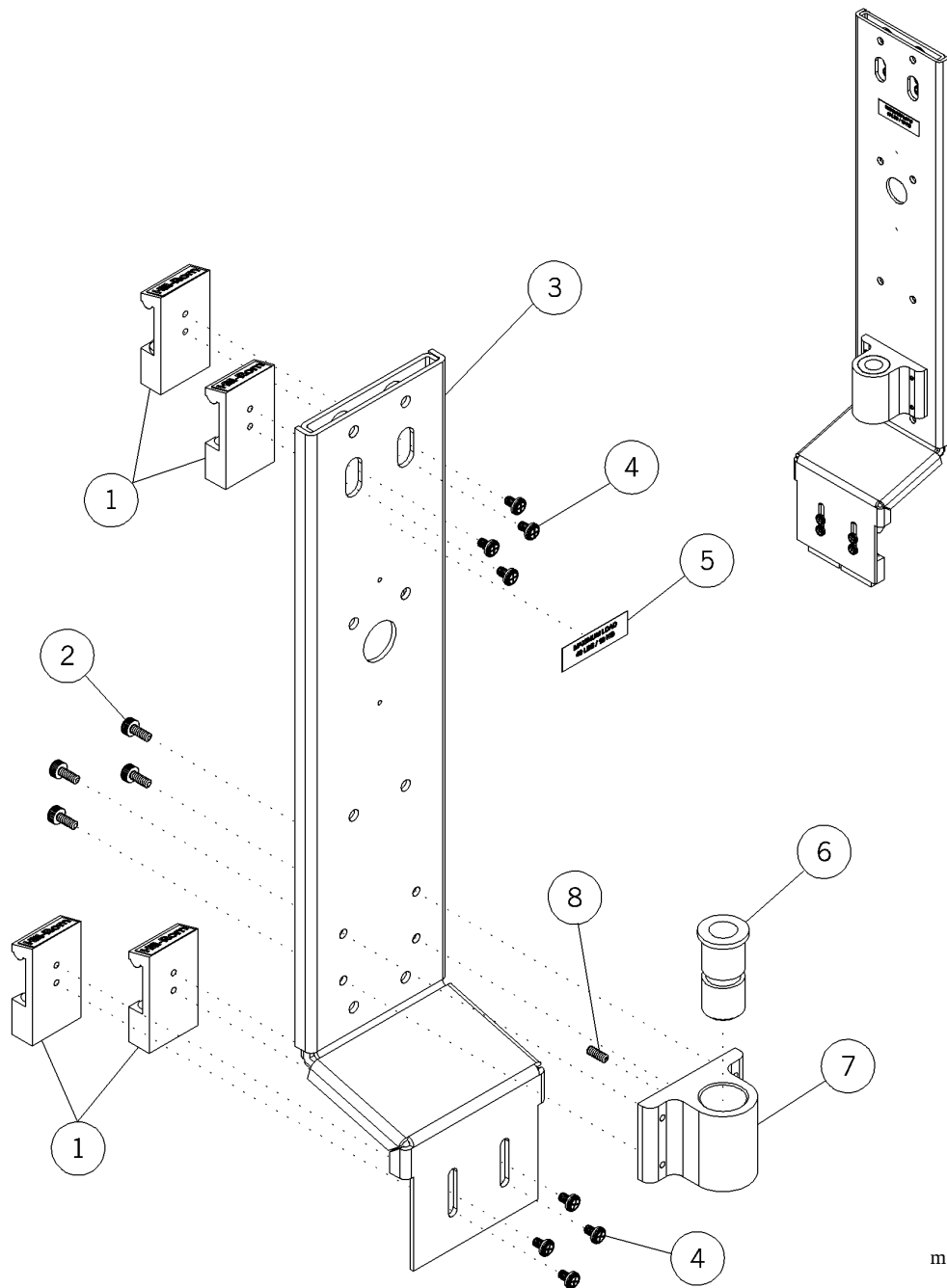
m148a118

Table 5-83. Rack Mount Assembly (P170504-01) P2001B

Item Number	Part Number	Quantity	Description
1	5310-2000-004 (2001)	1	Plate, mounting
2	5310-2000-005 (2001)	1	Shaft
3	5310-2100-053 (2001)	2	Adapter
4	5890-1074-000 (2001)	1	Screw
5	5890-0066-000 (2001)	4	Screw

Television Arm Mount, RCA®¹ (P170510-01) P2001B

Figure 5-85. Television Arm Mount, RCA® (P170510-01) P2001B



m148a119

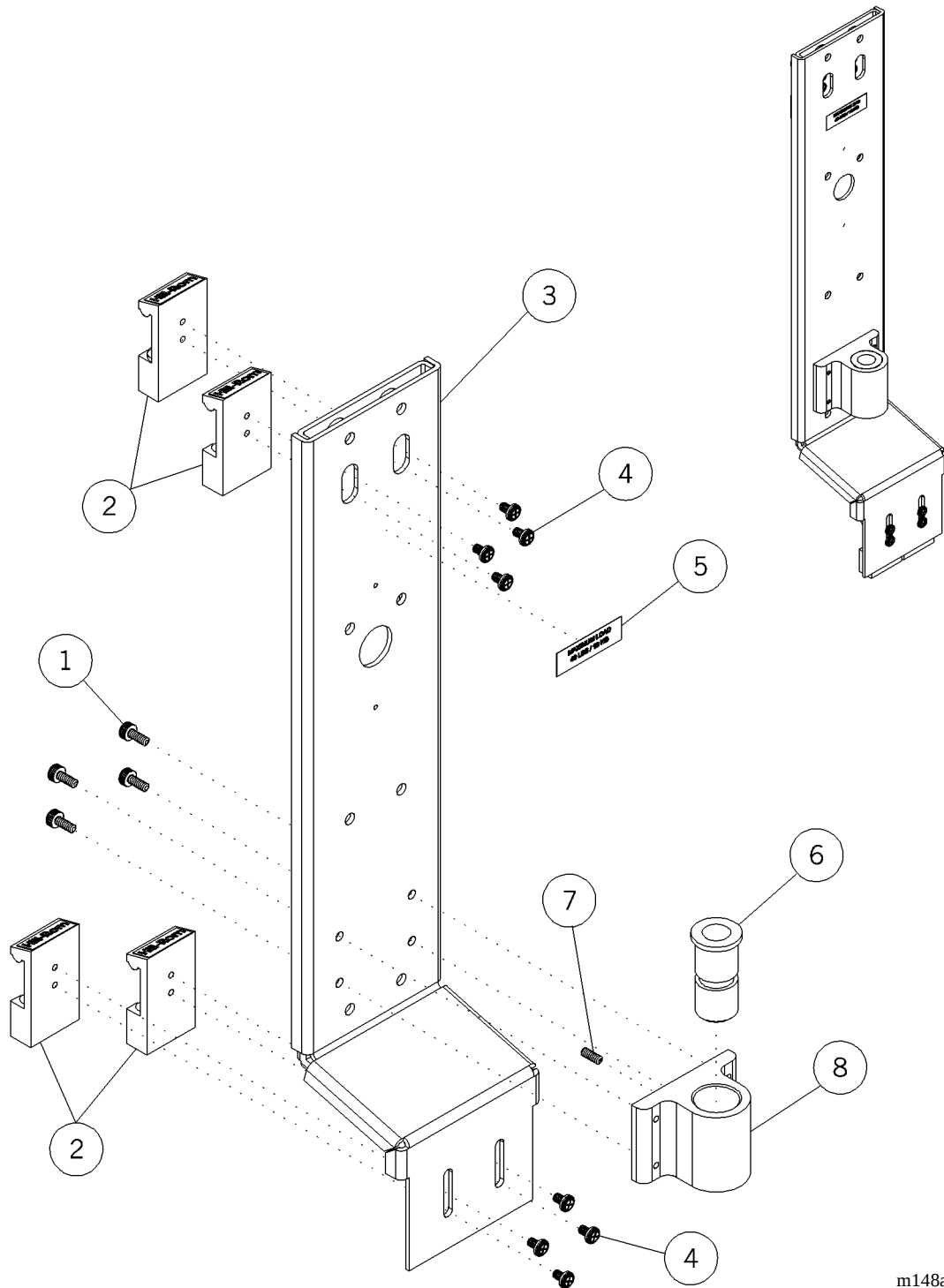
1. RCA® is a registered trademark of General Electric Company.

Table 5-84. Television Arm Mount, RCA® (P170510-01) P2001B

Item Number	Part Number	Quantity	Description
1	5400-0314-000 (2001)	4	Adapter, ball steel
2	6812-2000-646 (2001)	4	Screw
3	5310-2100-036 (2001)	1	Assembly, monitor weldment
4	5890-0063-000 (2001)	8	Screw
5	5310-0100-004 (2001)	1	Label
6	5310-2000-086 (2001)	1	Adapter B
7	5310-2000-088 (2001)	1	Pivot block
8	0141-4130-116 (2001)	1	Screw

Television Arm Mount (P170511-01) P2001B

Figure 5-86. Television Arm Mount (P170511-01) P2001B



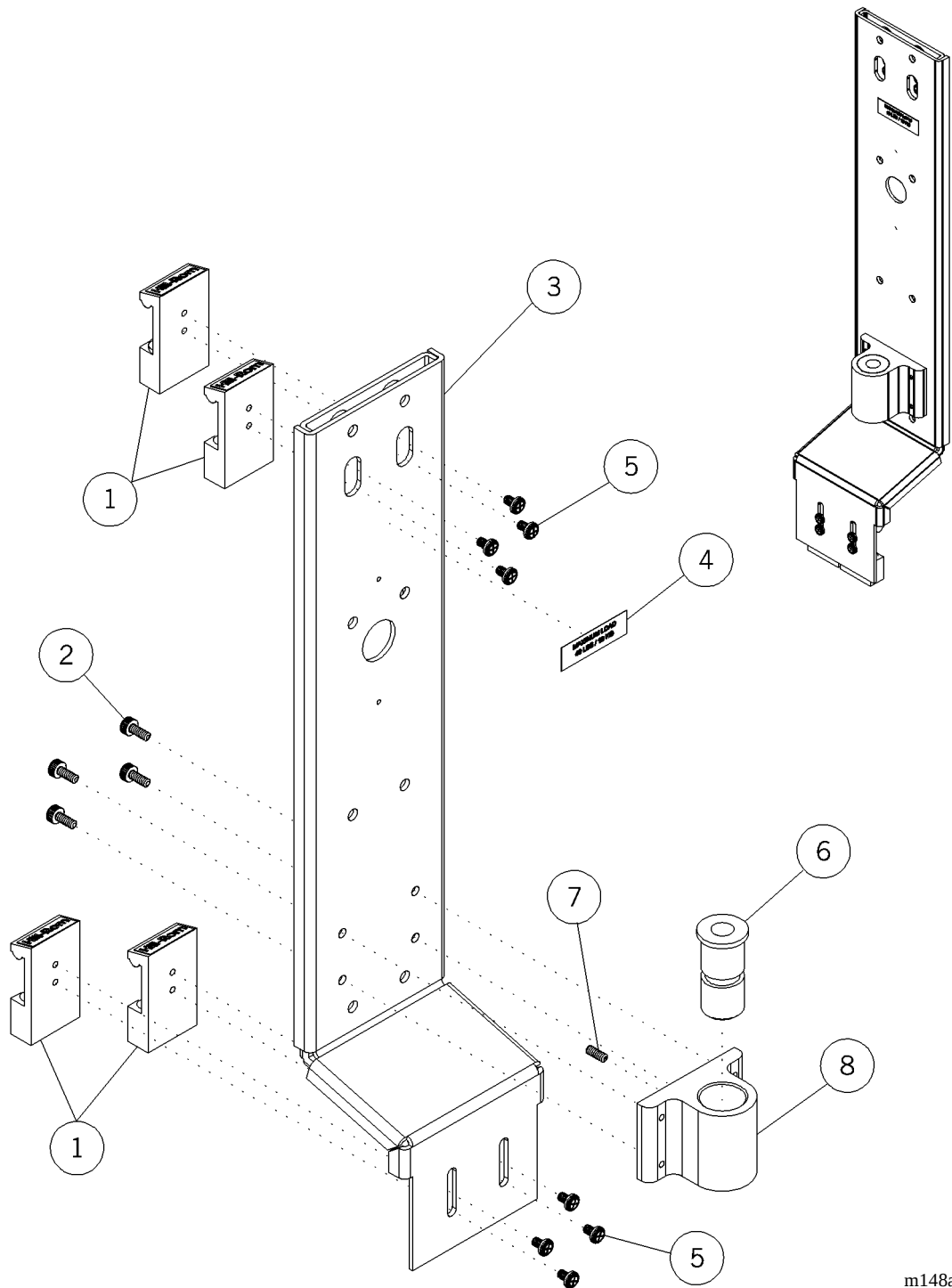
m148a120

Table 5-85. Television Arm Mount (P170511-01) P2001B

Item Number	Part Number	Quantity	Description
1	6812-2000-646 (2001)	4	Screw
2	5400-0314-000 (2001)	4	Adapter
3	5310-2100-036 (2001)	1	Assembly, monitor weldment
4	5890-0063-000 (2001)	8	Screw
5	5310-0100-004 (2001)	1	Label
6	5310-2000-086 (2001)	1	Adapter B
7	0141-4130-116 (2001)	1	Screw
8	5310-2000-088 (2001)	1	Pivot block

Television Arm Mount Bunting (P170512-01) P2001B

Figure 5-87. Television Arm Mount Bunting (P170512-01) P2001B



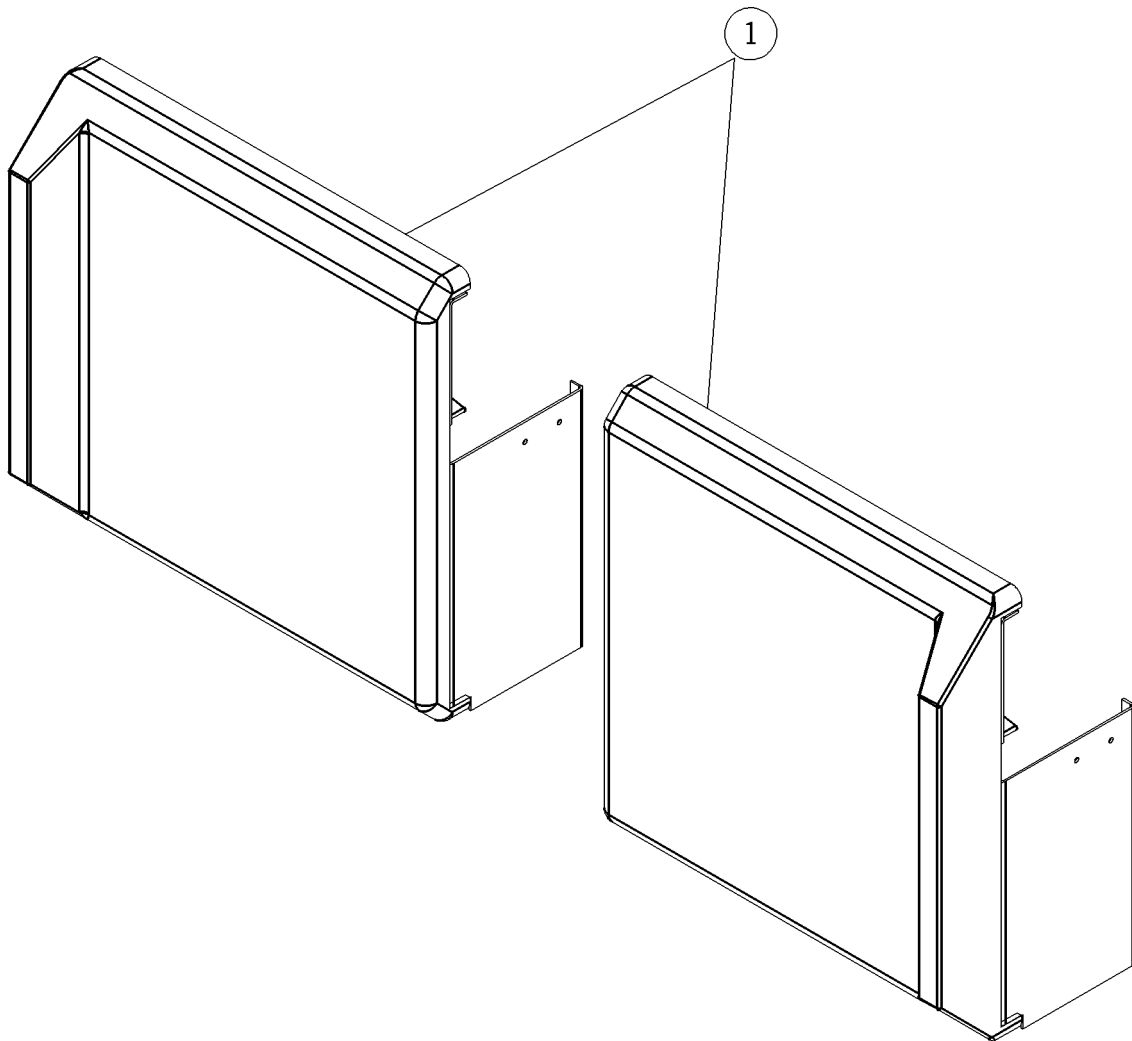
m148a121

Table 5-86. Television Arm Mount Bunting (P170512-01) P2001B

Item Number	Part Number	Quantity	Description
1	5400-0314-000 (2001)	4	Adapter, ball steel
2	6812-2000-464 (2001)	4	Screw
3	5310-2100-036 (2001)	1	Assembly, monitor weldment
4	5310-0100-004 (2001)	1	Label
5	5890-0063-000 (2001)	8	Screw
6	5310-2000-085 (2001)	1	Adapter
7	0141-4130-116 (2001)	1	Screw
8	5310-2000-088 (2001)	1	Pivot block

Bed Bumper Set (P170601-01) P2001B

Figure 5-88. Bed Bumper Set (P170601-01) P2001B



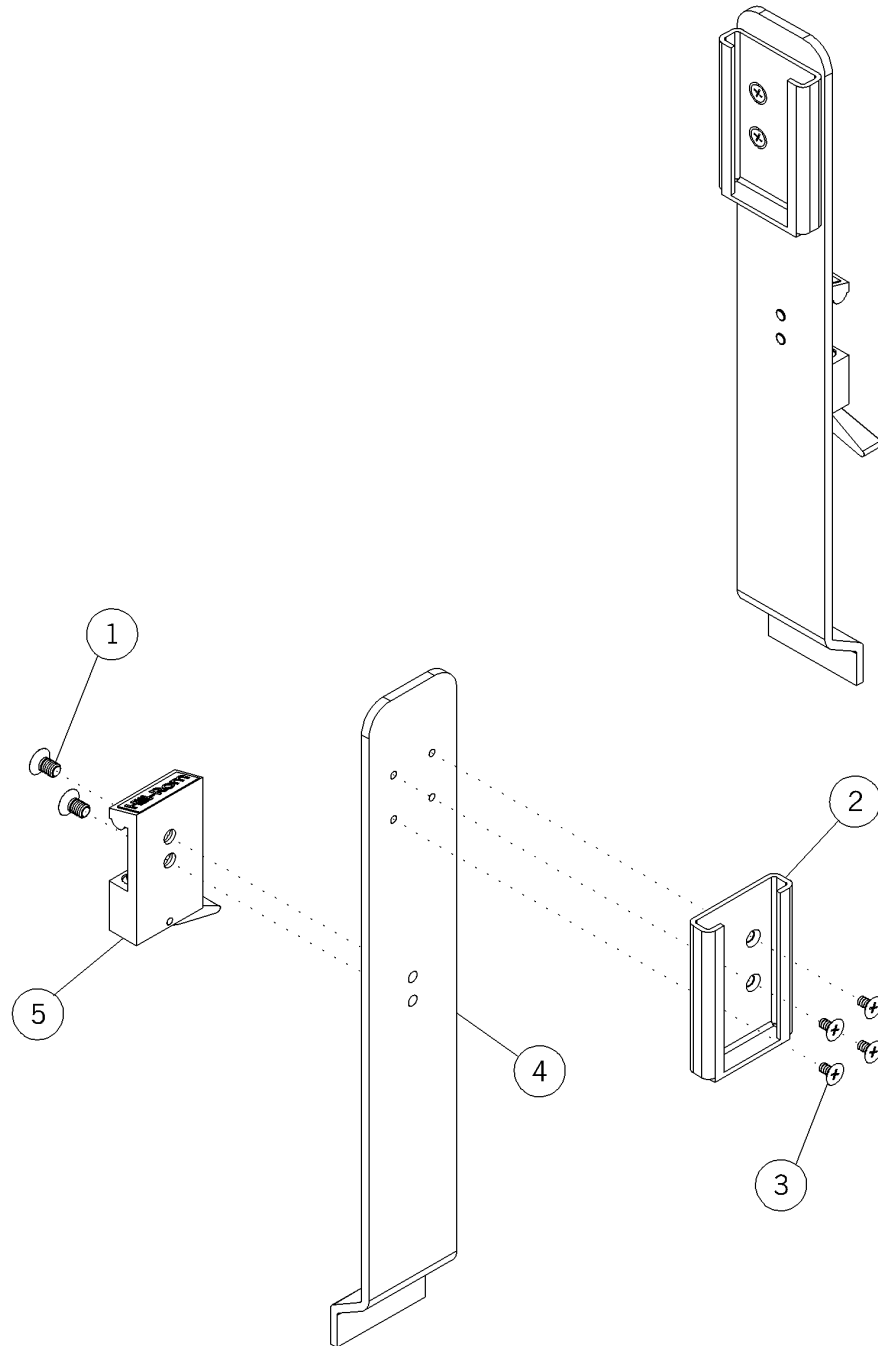
m148a122

Table 5-87. Bed Bumper Set (P170601-01) P2001B

Item Number	Part Number	Quantity	Description
1	5310-2100-063 (2001)	1	Bed bumper set

Extended Bird®¹ Blender Assembly (P170703-01) P2001B

Figure 5-89. Extended Bird Blender Assembly (P170703-01) P2001B



m148a123

1. Bird® is a registered trademark of Bird Products Corporation.

Table 5-88. Extended Bird®¹ Blender Assembly (P170703-01) P2001B

Item Number	Part Number	Quantity	Description
1	5890-1007-000 (2001)	2	Screw
2	5806-1005-000 (2001)	1	Slide adapter
3	5890-0011-000 (2001)	4	Screw
4	5310-2000-009 (2001)	1	Bracket, Bird® blender
5	5110-3001-000 (2001)	1	Adapter

1. Bird® is a registered trademark of Bird Products Corporation.

Cable Organizer Assembly (P170720-01) P2001B

Figure 5-90. Cable Organizer Assembly (P170720-01) P2001B

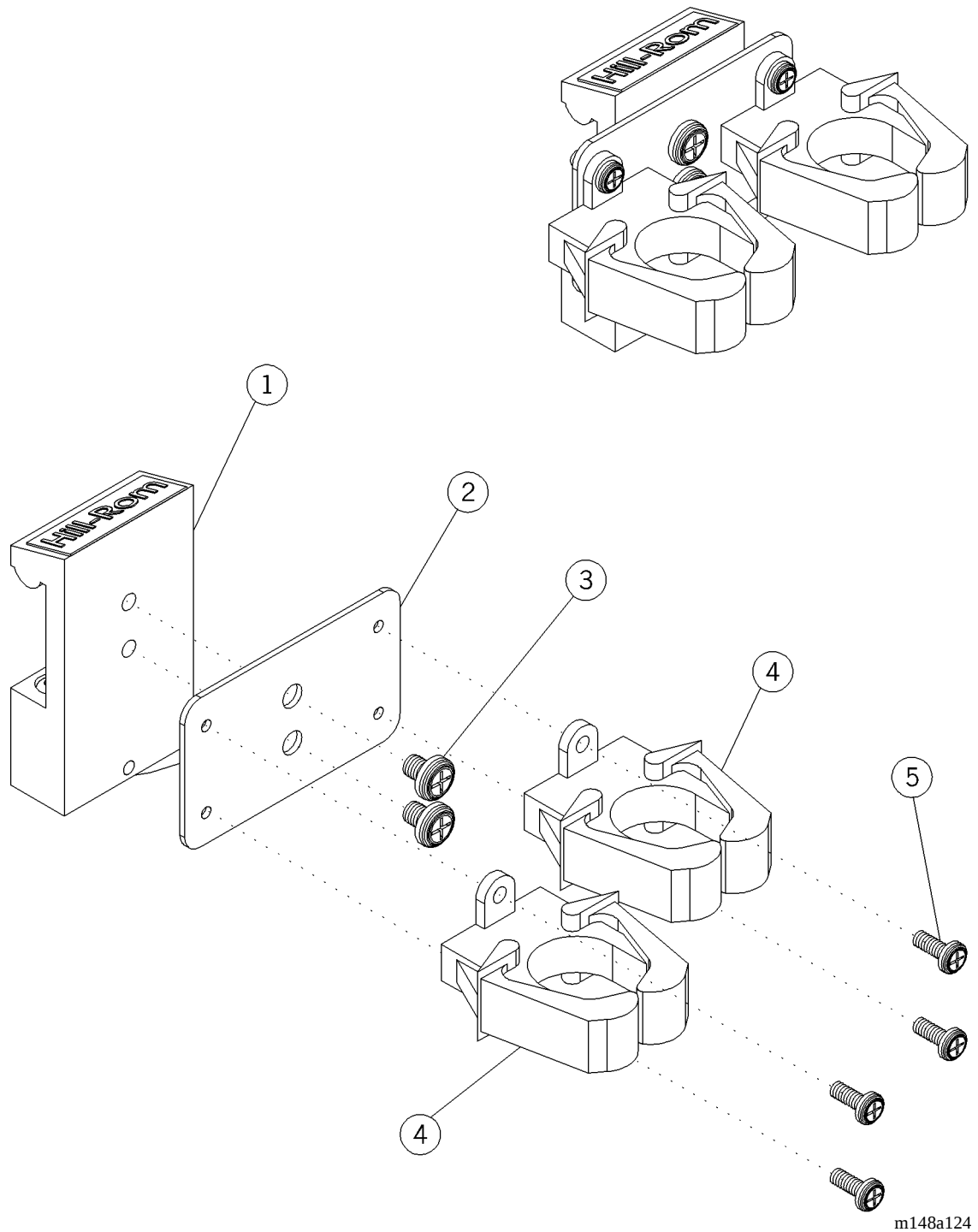
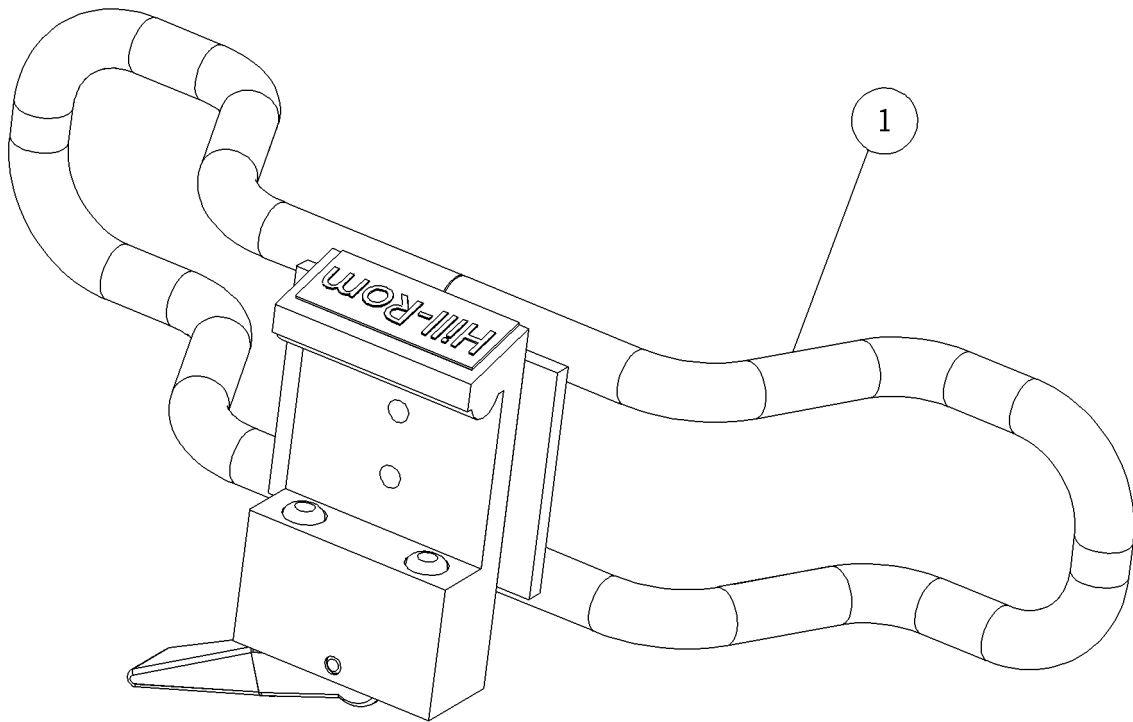


Table 5-89. Cable Organizer Assembly (P170720-01) P2001B

Item Number	Part Number	Quantity	Description
1	5110-3002-000 (2001)	1	Adapter
2	5310-2000-025 (2001)	1	Bracket, cable organizer
3	5890-0061-000 (2001)	2	Screw
4	5310-2000-111 (2001)	2	Part, cable clip
5	5890-2050-000 (2001)	4	Screw

Cord Wrap, Horizontal (P170730-01) P2001B

Figure 5-91. Cord Wrap, Horizontal (P170730-01) P2001B



m148a125

Table 5-90. Cord Wrap, Horizontal (P170730-01) P2001B

Item Number	Part Number	Quantity	Description
1	5331-1068-000 (2001)	1	Cord wrap—vertical

NOTES:

Chapter 6

General Procedures

Chapter Contents

Cleaning and Care.	6 - 3
General Cleaning	6 - 3
Steam Cleaning.	6 - 3
Hard to Clean Spots	6 - 3
Disinfection.	6 - 3
Lubrication Requirements.	6 - 4
Preventive Maintenance	6 - 5
Preventive Maintenance Schedule	6 - 6
Preventive Maintenance Checklist	6 - 7
Tool and Supply Requirements.	6 - 8
Installation and Post-Installation Inspection.	6 - 8

NOTES:

Cleaning and Care

**WARNING:**

Follow the product manufacturer's instructions. Failure to do so could result in personal injury or equipment damage.

**SHOCK HAZARD:**

Unplug the unit from its power source. Failure to do so could result in personal injury or equipment damage.

**SHOCK HAZARD:**

Do not expose the unit to excessive moisture. Personal injury or equipment damage could occur.

**CAUTION:**

Do not use harsh cleaners, solvents, or detergents. Equipment damage could occur.

General Cleaning

Clean the unit with a lightly dampened cloth and ordinary disinfectants. Do not use excessive liquid.

Steam Cleaning

Do not use any steam cleaning device on the Integris® 2001 Headwall System. Excessive moisture can damage mechanisms in this unit.

Hard to Clean Spots

To remove difficult spots or stains, use standard household cleaners and a soft bristle brush. To loosen heavy, dried-on soil or excreta, you may first need to saturate the spot.

Disinfection

Dilute disinfectants and germicides as specified on the manufacturer's label.

Lubrication Requirements



WARNING:

Follow the product manufacturer's instructions. Failure to do so could result in personal injury or equipment damage.

Preventive Maintenance



WARNING:

Only facility-authorized maintenance personnel should perform preventive maintenance on the Integris® 2001 Headwall System. Preventive maintenance performed by unauthorized personnel could result in personal injury or equipment damage.

The Integris® 2001 Headwall System requires an effective maintenance program. We recommend that you perform annual preventive maintenance (PM) and testing for Joint Commission on Accreditation of Healthcare Organizations (JCAHO). PM and testing not only meet JCAHO requirements but will ensure a long, operative life for the Integris® 2001 Headwall System. PM will minimize downtime due to excessive wear.

The following PM schedule guides the technician through a normal PM procedure on the Integris® 2001 Headwall System. During this PM process, check each item on the schedule, and make the necessary adjustments.

Follow the PM schedule with the corresponding PM checklist. This checklist is designed to keep a running maintenance history and subsequent repair costs for one Integris® 2001 Headwall System. However, your facility can modify this checklist or design another to fit your needs. Keeping close records and maintaining the Integris® 2001 Headwall System are two effective ways to reduce downtime and ensure the patient remains comfortable.

Preventive Maintenance Schedule

Table 6-1. Preventive Maintenance Schedule

Function	Procedure
Power cables	Inspect all cables for good condition and possible cracking or cuts or pinches in insulating coverings.
Circuit breakers	Turn the breaker off and on to check proper function.
Electrical receptacles	Check all receptacles for proper ground conductor extractive force. The extractive force should be four ounces with a 0.184" (4.67 mm) diameter pin.
Electrical connections	Check all electrical connections for tightness, and tighten as needed.
Gas supply conduit	Inspect all joints in the Integris® 2001 Headwall System for gas leaks. Inspect hoses for cracking, wear, collapse, or leakage.
General appearance	Check cleanliness. See "Cleaning and Care" on page 6-3 if needed.

Preventive Maintenance Checklist

Table 6-2. Preventive Maintenance Checklist

Date		Function	
Hill-Rom	Manufacturer		Power cables
			Circuit breakers
			Electrical receptacles
			Electrical connections
			Gas supply conduit
			General appearance
	Model Number		
	Serial Number		
Total Cost for this Page		Labor Time:	
		Repair Cost:	
		Inspected by: Legend L=Lube C=Clean A=A adjust R=Repair or Replace O=Okay N=Not Applicable Remarks:	

Tool and Supply Requirements

The following tools are required to service the Integris® 2001 Headwall System:

- Screwdriver
- Phillips head screwdriver
- Pliers
- Adjustable wrench
- Digital multi-meter
- Teflon tape

Installation and Post-Installation Inspection

- Hill-Rom will supply the hanger bracket consisting of a steel wall plate and mounting fasteners.
- Complete installation instructions are supplied with every Integris® 2001 Headwall System. These instructions reflect the variations in each system as ordered.
- In seismic code areas, contact Hill-Rom for additional information concerning installation.
- The mechanical contractor shall install and provide primary connections to the Integris® 2001 Headwall System medical gas manifold as detailed on the drawings. The mechanical contractor will perform and certify all pressure tests as required by NFPA 56F (nonflammable medical gas systems) and any local codes.
- The electrical contractor shall furnish and install conduit to the hanger bracket knockout plate with wiring. The contractor will make the connection of building services to the pre-wired junction box as shown in the electrical drawings in the installation instructions.
- After installation, the electrical contractor shall be responsible for checking the entire system for proper operation.
- Upon request, a Hill-Rom representative may periodically check with the contractor during initial installation and assist the contractor in the final check to make certain the installation is in operating condition. (The final certification shall be the responsibility of the electrical and mechanical contractors for their portions of the installation.)

Chapter 7

Accessories

Chapter Contents

Accessories	7 - 3
Standard Accessory Mounting Adapter Assembly—P2002B	7 - 6
Introduction.....	7 - 6
Installation	7 - 6
Removal	7 - 7
Slide Mounted IV Hanger—P971HOO (P2001)	7 - 8
Installation	7 - 8
Adjustment	7 - 9
Removal	7 - 9
Mercurial and Aneroid Sphygmomanometer Mount—P102402/P102502 (P2001)	7 - 10
Installation	7 - 10
Adjustment	7 - 11
Removal	7 - 11
Cuff Basket Assembly (P2001)	7 - 12
Installation	7 - 12
Removal	7 - 12
Large Storage Basket (P2001)	7 - 13
Installation	7 - 13
Universal Holder (P2001).....	7 - 14
Installation	7 - 14
Utility Bottle Slide Mounting (P2001)	7 - 15
Installation	7 - 15

NOTES:

Accessories

For Integris® 2001 Headwall System accessories, see table 7-1 on page 7-3 and table 7-2 on page 7-3.

Table 7-1. Accessories List—P2001

Product Number	Description
P971H00	IV Hanger—slide mounted
P102402	Sphygmomanometer mount, columnar (Mercurial)
P102502	Sphygmomanometer mount, aneroid
P102802	Cuff basket assembly
P1029L2	Large storage basket
P102301	Universal holder

Table 7-2. Accessories List—P2001B

IV Management	
P17000201	IV pole/infusion holder
P17000301	Single post (includes holder)
P17000401	Utility mount—dual post (includes holder)
P17000501	Short post (includes holder)
P17000601	Universal holder
P17000701	Universal pole holder—C-clamp
P17000801	Ventilator mount
P17000901	Resuscitator bag holder
Storage Baskets	
P17010101	Basket, 21 3/8" (54.31 cm) width x 4 5/16" (10.95 cm) height x 2 7/8" (7.32 cm) depth
P17010201/02	Basket—large, divided-up, 18" (46 cm) width x 4" (10 cm) height x 9 1/2" (24.13 cm) depth
P17010301/02	Basket, 6 1/2" (16.51 cm) width x 5" (13 cm) height x 4" (10 cm) depth
P17010401/02	Basket, 11" (28 cm) width x 4" (10 cm) height x 4" (10 cm) depth

P17010501	Basket swivel, 9 9/16" (24.28 cm) width x 9 9/16" (24.28 cm) height x 4" (10 cm) depth
Chart Holders	
P17011001	Chart holder—stackable
P17011101	Chart holder—wire
Sharp's Container	
P17012001	Sharps container mount
Glove Box	
P17013001	Glove box holder (three boxes)
NurseMates	
P17014001	3 drawer
P17014101	Drawer/door
Shelves	
P17020101	Utility shelf—large, 20 3/8" (51.77 cm) width x 12 1/8" (30.81 cm) depth
P17020201	Charting shelf, 20 3/8" (51.77 cm) width x 12 1/8" (30.81 cm) depth
P17020301	Hinged mayo tray—small, 13 5/8" (34.62 cm) width x 9 3/4" (24.77 cm) depth
P17020401	Hinged mayo tray—large, 17 1/8" (43.51 cm) width x 11 5/8" (29.54 cm) depth
Lights	
P17030301	Luxo incandescent light with mount, extends 46" (117 cm)
P17030401	Luxo incandescent/fluorescent light with mount, extends 46" (117 cm)
P17030501	Utility charting light with mount (for Cool Spot, Cool Spot II, or Outpatient II)
P17030601	Burton light mount (for Cool Spot, Cool Spot II, or Outpatient II)
P17030701	Universal light mount (not for use with Burton lights)
BP and Diagnostic Equipment—Otoscope	
P17040101	Otoscope mount—WA 767 mount
P17040201	Otoscope mount—WA 747 mount
P17040401	WA speculum holder mount

Sphygmo	
P17041001	Aneroid sphygmo mount, Tycos 5091-38 (includes mount)
P17041101	Aneroid sphygmo, Tycos 9091-38, mount only
P17041201	Tycos sphygmo 7670-01 (includes mount)
P17041301	Tycos 7670-01, mount only
P17041401	Baum sphygmo (includes mount)
P17041501	Baum sphygmo mount
P17041601	Cuff basket with mount
P17041701	Cuff basket mount
P17041801	Utility hook for cuff
Thermometer	
P17042001	Diatek 6000/9000 mount
Humidifier	
P17043001	Conchatherm mount
P17043101	Puritan-Bennett® ^a mount
Monitor Equipment	
P17050401	Satellite rack mount
P17050501	Fixed monitor arm—Tilt/Swivel (GCX arm)
Miscellaneous	
P17070101	Bottle slide
P17070201	Bird blender slide
P17070301	Bird blender slide (raised, mounts above rail)
P17071001	Dual clip holder
P17072001	Cable organizer assembly
P17073001	Cord wrap, horizontal
P17073101	Cord wrap, vertical
P17074001	Standard cam adapter
P17074101	Ball adapter
P17074201	Double cam adapter

a. Puritan-Bennett® is a registered trademark of Puritan-Bennett Corporation.

7.1 Standard Accessory Mounting Adapter Assembly—P2002B

Introduction

The standard accessory mounting adapter assembly is used on the new accessories available for the Integris® 2001 Headwall System. This installation procedure describes how to install the new accessories onto the headwall system.

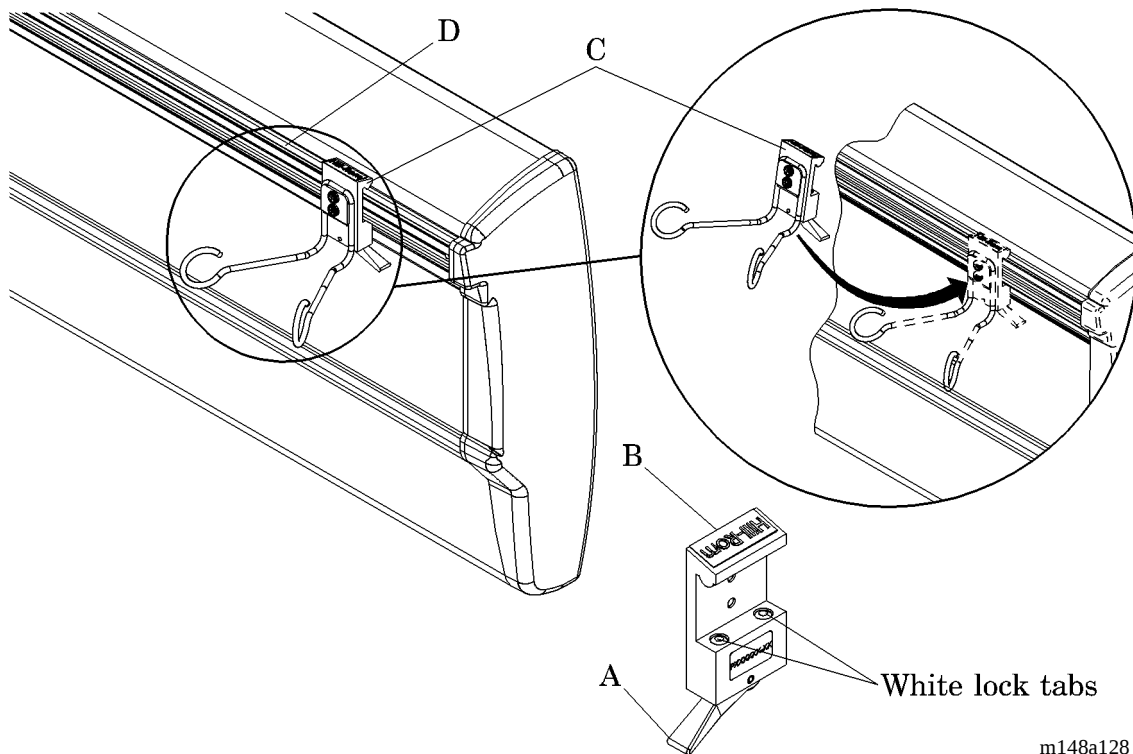
Installation

1. Decide on the best position to install the accessory that you will be mounting onto the headwall accessory rail.
2. Ensure that the white latch (A) on the accessory mounting adapter assembly (B) is in the open position (see figure 7-1 on page 7-6).

NOTE:

The accessory mounting adapter assembly is in the open position when the two white lock tabs are recessed into the mounting block, or the white latch is positioned to the right.

Figure 7-1. Standard Accessory Mounting Adapter Assembly Installation



3. Tilt the accessory (C) that you are installing 10° toward the Integris® Headwall System accessory rail (D).
4. Install the accessory (C) onto the accessory rail (D).
5. Tilt the accessory (C) downward, and ensure the mounting adapter assembly (B) is seated properly onto the accessory rail (D).
6. Switch the white latch (A) from the right position to the left position and lock the mounting adapter assembly (B) in place on the accessory rail (D).

**WARNING:**

Ensure the accessory is installed properly onto the Integris® Headwall System. Failure to do so could result in personal injury or equipment damage.

7. Give the accessory (C) a small tug outward to ensure that the mounting adapter assembly (B) is properly installed onto the accessory rail (D).

Removal

To remove the mounting adapter assembly (B) from the headwall accessory rail, reverse the installation procedure.

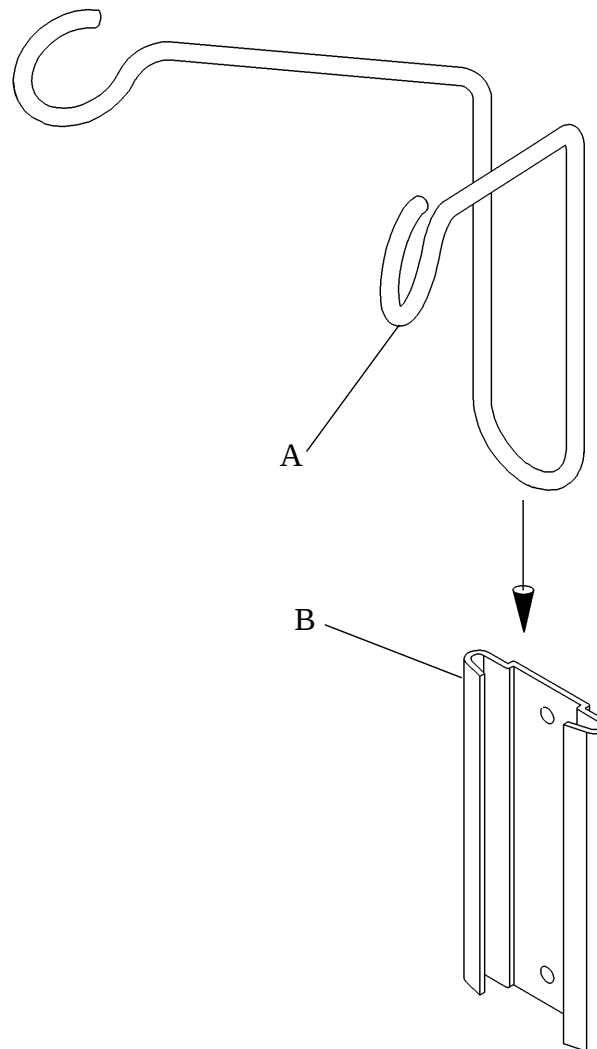
7.2 Slide Mounted IV Hanger—P971HOO (P2001)

Tools required: None.

Installation

1. Compress the sides of the IV hanger (A), and insert it into the bottle slide (B) (see figure 7-2 on page 7-8).

Figure 7-2. Slide Mounted IV Hanger P971HOO



m148_051

2. Give the IV hanger a small tug to ensure it is securely installed.

Adjustment

No adjustment is required for the slide mounted IV hanger.

Removal

Perform the installation procedure in reverse order.

7.3 Mercurial and Aneroid Sphygmomanometer Mount—P102402/P102502 (P2001)

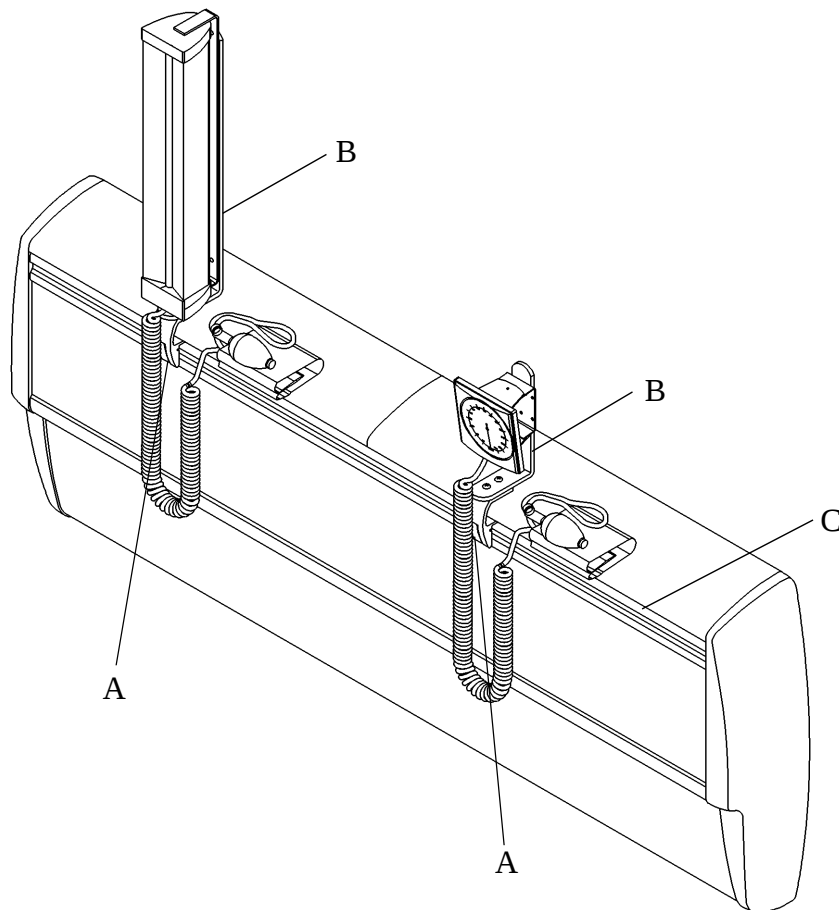
The sphygmomanometer mount may be installed at any point on the upper accessory track of the console raceway.

Installation

Tools required: None

1. Pull the latch (A) to open it, and set the sphygmomanometer mount (B) on the upper accessory track (C) (see figure 7-3 on page 7-10).

Figure 7-3. Mercurial and Aneroid Sphygmomanometer Mount P102402/P102502



m148_052

2. Push in on the latch (A) to tighten the mount (B) on the track (C).
3. Give the sphygmomanometer mount (B) a small tug to ensure it is securely installed.

Adjustment

No adjustment is required for the Mercurial and Aneroid Sphygmomanometer mounts.

Removal

Perform the installation procedure in reverse order.

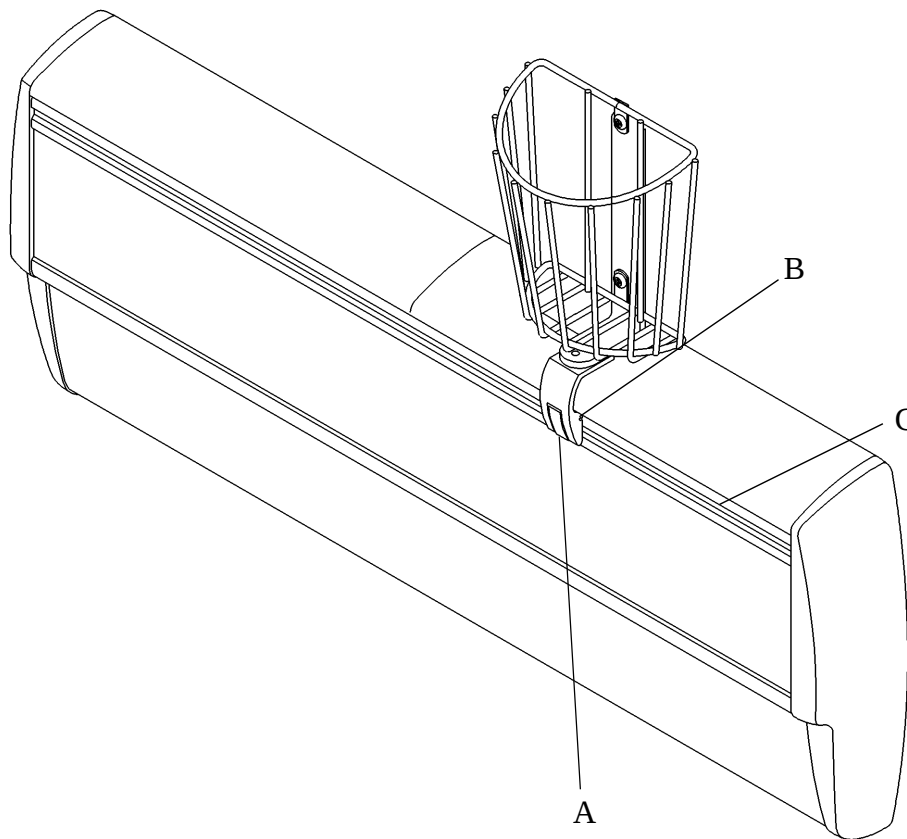
7.4 Cuff Basket Assembly (P2001)

Tools required: None.

Installation

1. Pull out to disengage the latch (A) on the track mount assembly (B) (see figure 7-4 on page 7-12).

Figure 7-4. Cuff Basket Assembly



m148_053

2. Set the track mount assembly (B) on the upper accessory rail (C).
3. Push in on the latch (A) to secure the cuff basket on the upper accessory rail (C).
4. Give the cuff basket a small tug to ensure it is securely installed.

Removal

To remove the cuff basket, reverse the installation procedure.

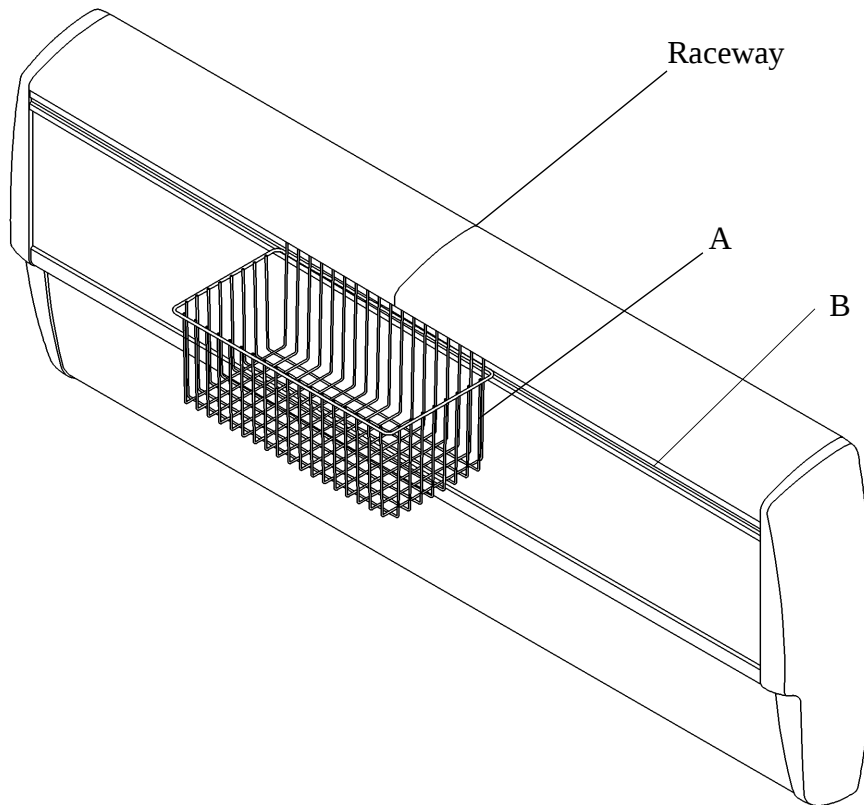
7.5 Large Storage Basket (P2001)

Tools required: None.

Installation

Install the clamping edge (A) of the large storage basket on the accessory rail (B) (see figure 7-5 on page 7-13).

Figure 7-5. Large Storage Basket



m148_054

7.6 Universal Holder (P2001)

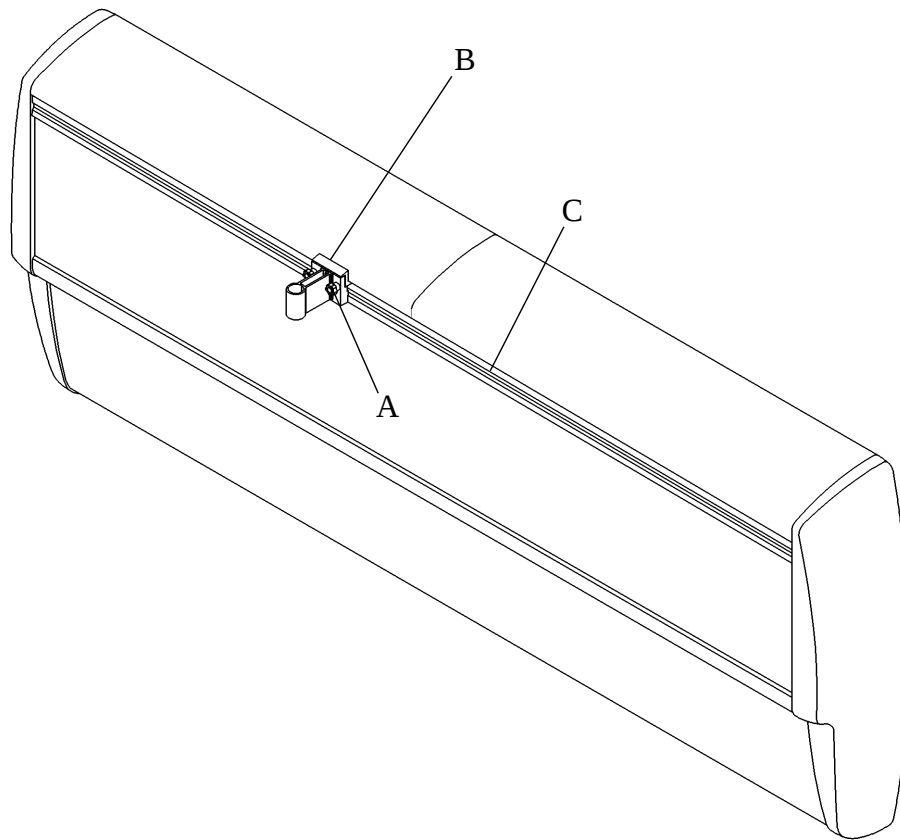
Tools required: None.

Installation

Position the universal holder on the upper accessory track by loosening the knobs and sliding it horizontally on the track.

1. Loosen the holder knobs (A), and set the universal holder (B) on the upper accessory track (C) (see figure 7-6 on page 7-14).

Figure 7-6. Universal Holder



m148_055

2. Tighten the holder knobs (A).
3. Make certain the universal holder (B) is securely fastened on the upper accessory track (C).
4. Slide the universal holder (B) horizontally on the upper accessory track (C) until it is in the position that you prefer.

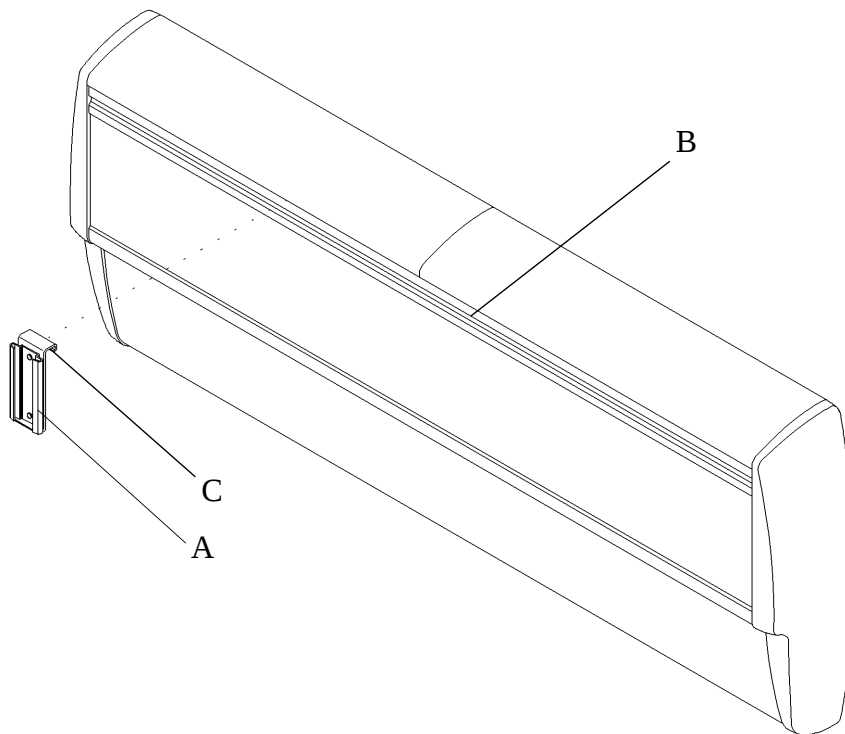
7.7 Utility Bottle Slide Mounting (P2001)

Tools required: None.

Installation

1. Install the utility bottle slide mounting (A) on the upper accessory rail (B) (see figure 7-7 on page 7-15).

Figure 7-7. Utility Bottle Slide Mounting



m148a056

NOTE:

The utility bottle slide mounting may also be installed on the lower accessory rail (C).

2. Make sure that the top hook (D) is securely seated on the accessory rail (B) by giving it a small tug.

NOTES:
