

Product Manual

167-790-050

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*Top Hat Extension
for J85500G-2 Bay*

Notice:

Every effort was made to ensure that the information in this document was complete and accurate at the time of printing. However, information is subject to change.

Table of Contents

1 Product Description

<i>Introduction</i>	<i>1 - 1</i>
<i>Product Specifications</i>	<i>1 - 1</i>
<i>Technical Support</i>	<i>1 - 1</i>
<i>USA, Canada, Puerto Rico, and the US Virgin Islands</i>	<i>1 - 1</i>
<i>Central and South America</i>	<i>1 - 2</i>
<i>Europe, Middle East, and Africa</i>	<i>1 - 2</i>
<i>Asia Pacific Region</i>	<i>1 - 2</i>
<i>Product Repair and Return</i>	<i>1 - 2</i>
<i>USA, Canada, Puerto Rico, and the US Virgin Islands</i>	<i>1 - 2</i>
<i>Central and South America</i>	<i>1 - 2</i>
<i>Europe, Middle East, and Africa</i>	<i>1 - 2</i>
<i>Asia Pacific Region</i>	<i>1 - 2</i>
<i>Customer Service</i>	<i>1 - 3</i>

2 Installation

<i>Tools</i>	<i>2 - 1</i>
<i>Procedures</i>	<i>2 - 1</i>
<i>G2 Top Hat Hardware Parts Kit</i>	<i>2 - 4</i>

3 Product Warranty

List of Figures

Figure 2-1: Top Hat Extension for J85500G-2 Bay 2 - 2

Figure 2-2: The Six Electrical Grounding Areas 2 - 3

1 Product Description

Introduction

The G2-Bay Top Hat provides a one-foot extension to the top of the seven-foot J85500G-2 Initial and Supplementary Bays. The extension makes the appearance of the bays cosmetically consistent with that of the other equipment in an eight-foot bay environment.

This bay extension may be retrofitted onto existing bays under certain circumstances. The bay environment must be examined to ensure that physical blockage does not preclude installation of the extension.

Product Specifications

Weight (approximate): 30 lb.

Color: Central Office White

Technical Support

Technical support for Lucent Technologies equipment is available to customers around the world.

USA, Canada, Puerto Rico, and the US Virgin Islands

On a post-sale basis, during the Product Warranty period, our Technical Support telephone number 1-800-CAL RTAC (1-800-225-7822) provides coverage during normal business hours. Product Specialists are available to answer your technical questions and assist in troubleshooting problems. For out-of-hours EMERGENCIES, the 800 number will put you in touch with a Regional Technical Assistance Center Engineer via our 24 hour a day, 7 day per week Help Desk.

When Technical Support is required in the Post-Warranty Period, the service may be billable unless you hold an extended warranty or contractual agreement.

Central and South America

If you need product technical support, contact your local Field Support/Regional Technical Assistance Center or contact your sales representative who will be happy to discuss your specific needs.

Europe, Middle East, and Africa

If you need product technical support, contact your local Field Support/Regional Technical Assistance Center or contact your sales representative who will be happy to discuss your specific needs

Asia Pacific Region

If you need product technical support, contact your local Field Support/Regional Technical Assistance Center or contact your sales representative who will be happy to discuss your specific needs.

Product Repair and Return

Repair and return service for Lucent Technologies equipment is available to customers around the world.

USA, Canada, Puerto Rico, and the US Virgin Islands

For information on returning of products for repair, customers may call 1-800-255-1402 for assistance.

Central and South America

If you need to return a product for repair, your sales representative will be happy to discuss your individual situation.

Europe, Middle East, and Africa

If you need to return a product for repair, your sales representative will be happy to discuss your individual situation.

Asia Pacific Region

If you need to return a product for repair, your sales representative will be happy to discuss your individual situation.

Customer Service

For customer service, any other product or service information, or for additional copies of this manual or other Lucent Technologies documents, call 1-800-THE-1PWR (1-800-843-1797). Specify the select code number for manuals, or drawing number for drawings. These numbers are listed in the following reference table.

Contact your regional customer service organization or sales representative for information regarding spare parts.

2 ***Installation***

The following tools and procedures are required to install the Top Hat Extension on the J85500G-2 Bay:

Tools

- Torque wrench
- Digital Multimeter
- 15/16" Hex Socket
- 9/16" Hex Socket
- 5/16" Hex Socket
- NO-OX-10
- Material to sand grounding areas

Procedures

1. Remove tape, sand as required, and apply NO-OX-10 in the four areas that will be beneath the four 3/8" screws that attach the extension to the frame. See Figure 1-1. These screw connections ground the extension to the frame.
2. Attach the top hat weldment to the bay using 3/8" hardware, as shown in Figure 1-1.
3. If the bay is installed in a Zone 4 Earthquake area, in addition to making the 3/8" hardware connections as described above, attach the top hat weldment to the bay using the 5/8" hardware, as shown in Figure 1-1.
4. Attach the top hat cover to the top hat weldment using the #12 screws, as shown in Figure 1-1. Verify proper top hat fit with respect to the bay. Check operation of the distribution door below it. Slight vertical position adjustments may be made using the #12 screws.

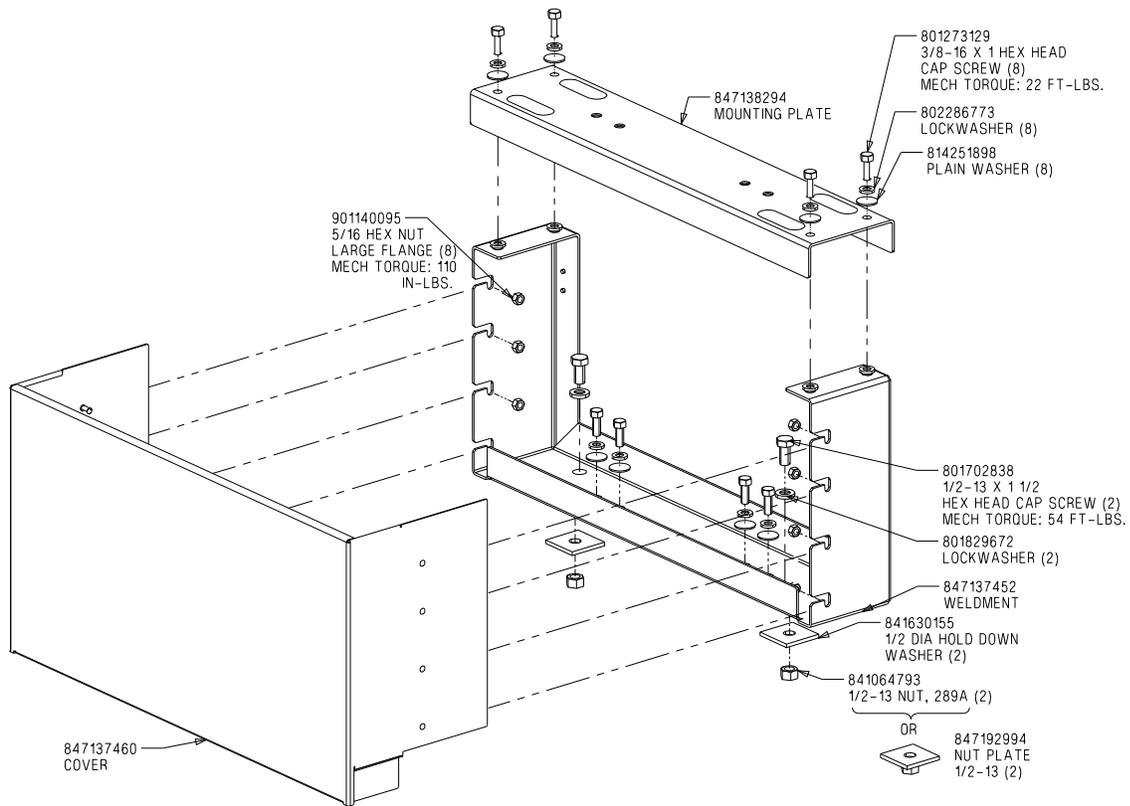


Figure 2-1: Top Hat Extension for J85500G-2 Bay

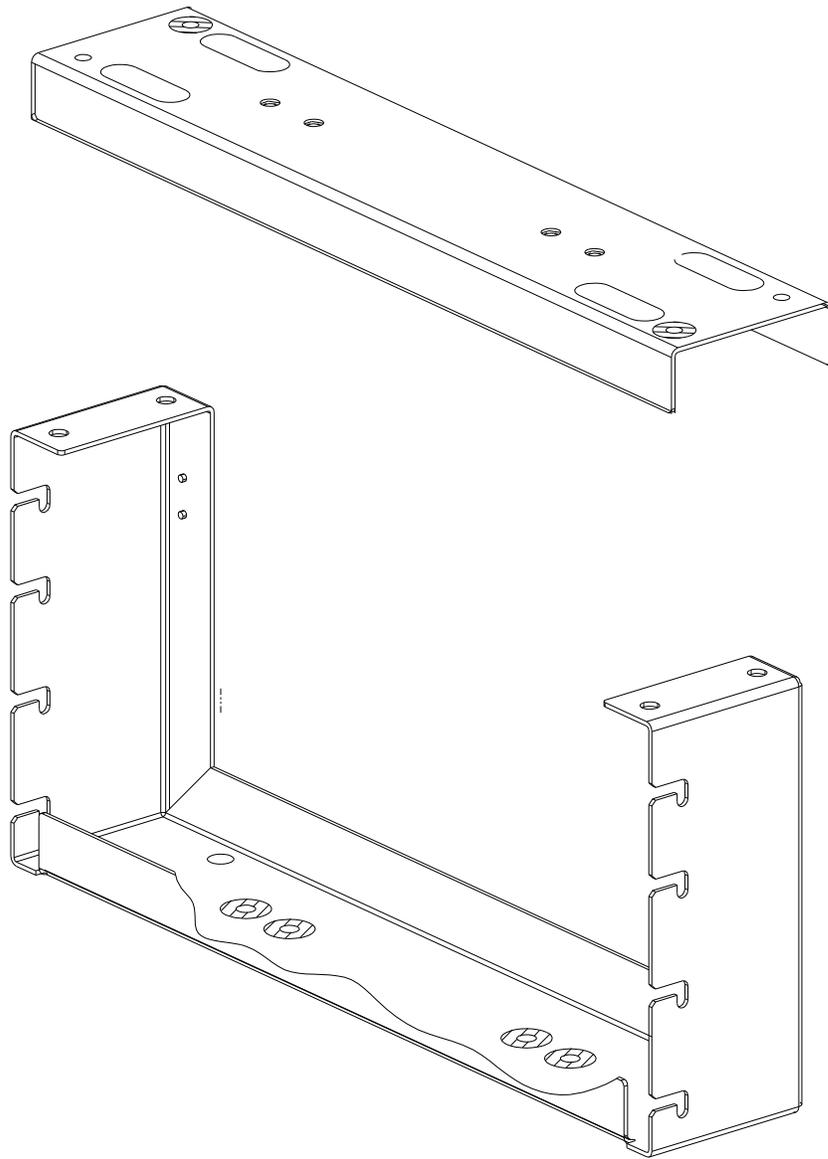


Figure 2-2: The Six Electrical Grounding Areas

5. To ensure that the extension is grounded to the frame, **perform continuity checks** between
 - the top hat weldment and the bay
 - the top hat cover and the bay

Failures in continuity tests indicate that additional sanding and a reapplication of NO-OX-10 is required (see Step 1, above), or that screws are not sufficiently tightened.

Installation is not complete until continuity has been established.

Warning

Do not lift the bay by this extension. The extension cannot support the bay. Remove the extension and lift the bay by the frame.
--

***G2 Top Hat
Hardware
Parts Kit***

To mount the bracket to the weldment:

Eight (8) 5/16-18 Hex Large Flange
 Mech Torque: 110 in-lb
 Comcode: 901140095

To mount the upper member to the weldment:

Four (4) 3/8-16 X 1 Hex Head Cap Screws
 Mech Torque: 264 in-lb (22 ft-lb)
 Comcode: 801273129

Four (4) 3/8 Plain Washers
 Comcode: 814251898

Four (4) 3/8 Extra Duty Lockwashers (P228677)
 Comcode: 802286773

To mount the weldment to the bay frame:

Four (4) 3/8-16 X 1 Hex Head Cap Screws
 Mech Torque: 264 in-lbs (22 ft-lb)
 Comcode: 801273129

Four (4) 3/8 Plain Washers
 Comcode: 814251898

Four (4) 3/8 Extra Duty Lockwashers (P228677)
Comcode: 802286773

Additional hardware to mount the weldment to the bay frame, Zone 4:

Two (2) 1/2-13 X 1.5 Hex Head Cap Screw
Comcode: 801702838

Two (2) 1/2 dia. Lockwasher, 289A
Comcode: 801829672

Two (2) 1/2 dia. Hold Down Washer
Comcode: 841630155

3 ***Product Warranty***

A. Seller warrants to Customer only, that:

1. As of the date title to Products passes, Seller will have the right to sell, transfer, and assign such Products and the title conveyed by Seller shall be good;
2. Upon shipment, Seller's Manufactured Products will be free from defects in material and workmanship, and will conform to Seller's specifications or any other agreed-upon specification referenced in the order for such Product;
3. With respect to Vendor items, Seller, to the extent permitted, does hereby assign to Customer the warranties given to Seller by its vendor of such Vendor Items, such assignment to be effective upon Customer's acceptance of such Vendor Items. With respect to Vendor items recommended by Seller in its specifications for which the vendor's warranty cannot be assigned to Customer, or if assigned, less than Sixty (60) days remain of the vendor's warranty or warranty period when the Vendor's items are shipped to Customer or when Seller submits its notice of completion of installation if installed by Seller, Seller warrants that such Vendor's Items will be free from defects in material and workmanship on the date of shipment to Customer. In such an event, the applicable Warranty Period will be sixty (60) days.

B. The Warranty Period listed below is applicable to Seller's Manufactured Products furnished pursuant to this Agreement, unless otherwise stated:

WARRANTY PERIOD

Product Type	New Product	Repaired Product or Part
Central Office Power Equipment	24 Months	6 Months

*The Warranty Period for a repaired Product or part thereof is as listed or, in the case of Products under Warranty, is the period listed or the unexpired term of the new Product Warranty Period, whichever is longer.

**The Warranty Period for Products ordered for Use in Systems or equipment Manufactured by and furnished by Seller is that of the initial Systems or equipment.

C. If, under normal and proper use during the applicable Warranty Period, a defect or nonconformity is identified in a Product and Customer notifies Seller in writing of such defect or nonconformity promptly after Customer discovers such defect or nonconformity, and follows Seller's instructions regarding return of defective or nonconforming Products, Seller shall, at its option attempt first to repair or replace such Product without charge at its facility or, if not feasible, provide a refund or credit based on the original purchase price and installation charges if installed by Seller. Where Seller has elected to repair a Seller's Manufactured Product (other than Cable and Wire Products) which has been installed by Seller and Seller ascertains that the Product is not readily returnable for repair, Seller will repair the Product at Customer's site.

With respect to Cable and Wire Products manufactured by Seller which Seller elects to repair but which are not readily returnable for repair, whether or not installed by Seller, Seller at its option, may repair the cable and Wire Products at Customer's site.

D. If Seller has elected to repair or replace a defective Product, Customer shall have the option of removing and reinstalling or having Seller remove and reinstall the defective or nonconforming Product. The cost of the removal and the reinstallation shall be borne by Customer. With respect to Cable and Wire Products, Customer has the further responsibility, at its expense, to make the Cable and Wire

Products accessible for repair or replacement and to restore the site. Products returned for repair or replacement will be accepted by Seller only in accordance with its instructions and procedures for such returns. The transportation expense associated with returning such Product to Seller shall be borne by Customer. Seller shall pay the cost of transportation of the repair or replacing Product to the destination designated by Customer within the Territory.

- E. The defective or nonconforming Products or parts which are replaced shall become Seller's property.
- F. If Seller determines that a Product for which warranty service is claimed is not defective or nonconforming, Customer shall pay Seller all costs of handling, inspecting, testing, and transportation and, if applicable, traveling and related expenses.
- G. Seller makes no warranty with respect to defective conditions or nonconformities resulting from actions of anyone other than Seller or its subcontractors, caused by any of the following: modifications, misuse, neglect, accident, or abuse; improper wiring, repairing, splicing, alteration, installation, storage, or maintenance; use in a manner not in accordance with Seller's or vendor's specifications or operating instructions, or failure of Customer to apply previously applicable Seller modifications and corrections. In addition, Seller makes no warranty with respect to Products which have had their serial numbers or month and year of manufacture removed, altered, or with respect to expendable items, including, without limitation, fuses, light bulbs, motor brushes, and the like.

THE FOREGOING WARRANTIES ARE EXCLUSIVE AND ARE IN LIEU OF ALL OTHER EXPRESS AND IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. CUSTOMER'S SOLE AND EXCLUSIVE REMEDY SHALL BE SELLER'S OBLIGATION TO REPAIR, REPLACE, CREDIT, OR REFUND AS SET FORTH ABOVE IN THIS WARRANTY.

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