



Power Supply Assembly Removal and Replacement Guide

For the CoreBuilder™ 3500 System

Description The CoreBuilder™ 3500 system operates using a single power supply assembly. You can add a second power supply assembly to the system for redundancy. If either power supply assembly fails, the power supply error LEDs (PS1 or PS2) on the front panel of the system light yellow.

This document describes how to remove and replace a power supply assembly. You need no tools to remove the power supply.

Audience Description This guide is intended for **trained technical personnel** only. Do not attempt to remove or replace a CoreBuilder 3500 power supply if you do not have the proper training from 3Com. For training information, call 1-800-NET-3COM.



WARNING: *Hazardous energy exists within the CoreBuilder system. Use extreme caution when removing or replacing the power supply. Always be careful to avoid electric shock or equipment damage. See [“Safety Precautions”](#) next.*

Safety Precautions

Be sure that you follow all safety precautions when replacing components in a CoreBuilder 3500 system. Hazardous energy exists inside the system chassis. To avoid electric shocks, burns, or equipment damage, read and follow these warnings:



WARNING: *Before you open the chassis, always unplug the power cord.*

When the system is on, never insert metal objects such as a screwdriver or a finger with jewelry into open module slots.

When the system is on, do not touch any connections within the chassis with your hands or fingers. Do not insert metal objects into the backplane.

Power Supply Removal

To remove either power supply assembly, follow these steps:

- 1 Slide up the power supply latch and remove the power cord from the power supply.
- 2 Loosen the two captive screws that secure the power supply to the chassis.
- 3 Grasp the power supply handle and, while you hold down the power supply latch, gently slide the power supply out of the system chassis.

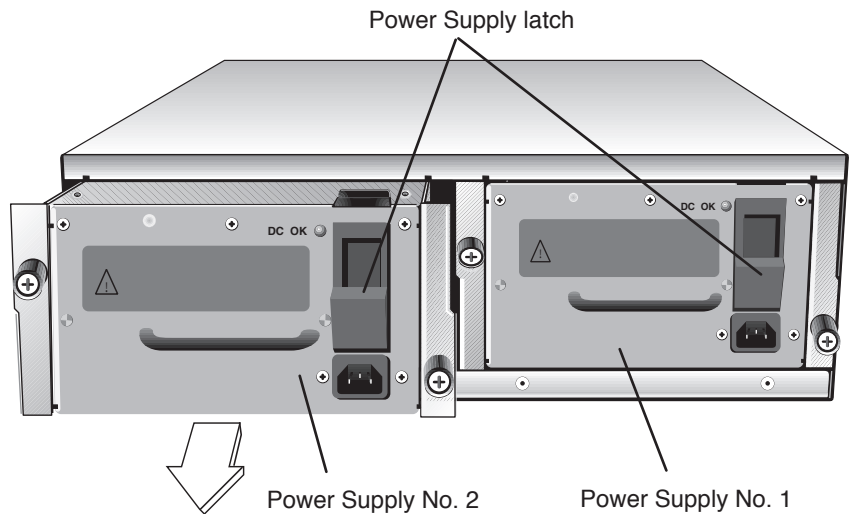


Figure 1 Removing the Power Supply

Power Supply Replacement

To replace the power supply, follow these steps:

- 1 Grasp the handle and slide the new power supply into the system chassis.
- 2 To seat the power supply, ensure that the power supply and backplane connectors are aligned, and then push the power supply forward until the connectors engage. You feel a slight resistance as the connectors engage.



CAUTION: *If the resistance is too great, the power supply and backplane connectors may not be aligned. Forcing the power supply inward can damage the connectors. If necessary, remove and reinsert the power supply, ensuring that the connectors are properly aligned.*

- 3 Tighten the two captive screws to secure the power supply to the chassis.
- 4 Slide up the power supply latch and plug the power cord into the system.
- 5 Plug the other end of the power cord into the building power outlet.



If your system has two power supplies, be sure to plug in the second power supply. If you do not plug in the second power supply, the system diagnostics generate a power supply error.

3Com Corporation LIMITED WARRANTY

The duration of the warranty for the CoreBuilder 3500 Power Supply (3C35002) is 1 year.

HARDWARE

3Com warrants its hardware products to be free from defects in workmanship and materials, under normal use and service, for the following lengths of time from the date of purchase from 3Com or its Authorized Reseller:

Network interface cards	Lifetime
Other hardware products (unless otherwise specified in the warranty statement above)	1 year
Spare parts and spares kits	90 days

If a product does not operate as warranted above during the applicable warranty period, 3Com shall, at its option and expense, repair the defective product or part, deliver to Customer an equivalent product or part to replace the defective item, or refund to Customer the purchase price paid for the defective product. All products that are replaced will become the property of 3Com. Replacement products may be new or reconditioned. Any replaced or repaired product or part has a ninety (90) day warranty or the remainder of the initial warranty period, whichever is longer.

3Com shall not be responsible for any software, firmware, information, or memory data of Customer contained in, stored on, or integrated with any products returned to 3Com for repair, whether under warranty or not.

SOFTWARE

3Com warrants that the software programs licensed from it will perform in substantial conformance to the program specifications therefor for a period of ninety (90) days from the date of purchase from 3Com or its Authorized Reseller. 3Com warrants the media containing software against failure during the warranty period. No updates are provided. The sole obligation of 3Com with respect to this express warranty shall be (at the discretion of 3Com) to refund the purchase price paid by Customer for any defective software products, or to replace any defective media with software which substantially conforms to applicable 3Com published specifications. Customer assumes responsibility for the selection of the appropriate applications program and associated reference materials. 3Com makes no warranty or representation that its software products will work in combination with any hardware or applications software products provided by third parties, that the operation of the software products will be uninterrupted or error free, or that all defects in the software products will be corrected. For any third-party products listed in the 3Com software product documentation or specifications as being compatible, 3Com will make reasonable efforts to provide compatibility, except where the noncompatibility is caused by a "bug" or defect in the third party's product.

STANDARD WARRANTY SERVICE

Standard warranty service for *hardware* products may be obtained by delivering the defective product, accompanied by a copy of the dated proof of purchase, to the 3Com Corporate Service Center or to an Authorized 3Com Service Center during the applicable warranty period. Standard warranty service for *software* products may be obtained by telephoning the 3Com Corporate Service Center or an Authorized 3Com Service Center, within the warranty period. Products returned to the 3Com Corporate Service Center must be preauthorized by 3Com with a Return Material Authorization (RMA) number marked on the outside of the package, and sent prepaid, insured, and packaged appropriately for safe shipment. The repaired or replaced item will be shipped to Customer, at the expense of 3Com, not later than thirty (30) days after receipt of the defective product by 3Com.

WARRANTIES EXCLUSIVE

IF A 3COM PRODUCT DOES NOT OPERATE AS WARRANTED ABOVE, CUSTOMER'S SOLE REMEDY FOR BREACH OF THAT WARRANTY SHALL BE REPAIR, REPLACEMENT, OR REFUND OF THE PURCHASE PRICE PAID, AT THE OPTION OF 3COM. TO THE FULL EXTENT ALLOWED BY LAW, THE FOREGOING WARRANTIES AND REMEDIES ARE EXCLUSIVE AND ARE IN LIEU OF ALL OTHER WARRANTIES, TERMS, OR CONDITIONS, EXPRESS OR IMPLIED, EITHER IN FACT OR BY OPERATION OF LAW, STATUTORY OR OTHERWISE, INCLUDING WARRANTIES, TERMS, OR CONDITIONS OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, AND SATISFACTORY QUALITY. 3COM NEITHER ASSUMES NOR AUTHORIZES ANY OTHER PERSON TO ASSUME FOR IT ANY OTHER LIABILITY IN CONNECTION WITH THE SALE, INSTALLATION, MAINTENANCE, OR USE OF ITS PRODUCTS.

3COM SHALL NOT BE LIABLE UNDER THIS WARRANTY IF ITS TESTING AND EXAMINATION DISCLOSE THAT THE ALLEGED DEFECT IN THE PRODUCT DOES NOT EXIST OR WAS CAUSED BY CUSTOMER'S OR ANY THIRD PERSON'S MISUSE, NEGLIGENCE, IMPROPER INSTALLATION OR TESTING, UNAUTHORIZED ATTEMPTS TO REPAIR OR MODIFY, OR ANY OTHER CAUSE BEYOND THE RANGE OF THE INTENDED USE, OR BY ACCIDENT, FIRE, LIGHTNING, OR OTHER HAZARD.

LIMITATION OF LIABILITY

TO THE FULL EXTENT ALLOWED BY LAW, 3COM ALSO EXCLUDES FOR ITSELF AND ITS SUPPLIERS ANY LIABILITY, WHETHER BASED IN CONTRACT OR TORT (INCLUDING NEGLIGENCE), FOR INCIDENTAL, CONSEQUENTIAL, INDIRECT, SPECIAL, OR PUNITIVE DAMAGES OF ANY KIND, OR FOR LOSS OF REVENUE OR PROFITS, LOSS OF BUSINESS, LOSS OF INFORMATION OR DATA, OR OTHER FINANCIAL LOSS ARISING OUT OF OR IN CONNECTION WITH THE SALE, INSTALLATION, MAINTENANCE, USE, PERFORMANCE, FAILURE, OR INTERRUPTION OF ITS PRODUCTS, EVEN IF 3COM OR ITS AUTHORIZED RESELLER HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES, AND LIMITS ITS LIABILITY TO REPAIR, REPLACEMENT, OR REFUND OF THE PURCHASE PRICE PAID, AT THE OPTION OF 3COM. THIS DISCLAIMER OF LIABILITY FOR DAMAGES WILL NOT BE AFFECTED IF ANY REMEDY PROVIDED HEREIN SHALL FAIL OF ITS ESSENTIAL PURPOSE.

GOVERNING LAW

This Limited Warranty shall be governed by the laws of the State of California, U.S.A. Some countries, states, or provinces do not allow the exclusion or limitation of implied warranties or the limitation of incidental or consequential damages for certain products supplied to consumers or the limitation of liability for personal injury, so the above limitations and exclusions may be limited in their application to you. This warranty gives you specific legal rights which may vary depending on local law.

3Com Corporation, 5400 Bayfront Plaza, Santa Clara, CA 95052-8145 (408) 764-5000

3Com Corporation
5400 Bayfront Plaza
Santa Clara, California
95052-8145

Copyright © 3Com Corporation, 1997. All rights reserved. No part of this documentation may be reproduced in any form or by any means or used to make any derivative work (such as translation, transformation, or adaptation) without permission from 3Com Corporation.

3Com Corporation reserves the right to revise this documentation and to make changes in content from time to time without obligation on the part of 3Com Corporation to provide notification of such revision or change.

3Com Corporation provides this documentation without warranty of any kind, either implied or expressed, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. 3Com may make improvements or changes in the product(s) and/or the program(s) described in this documentation at any time.

3Com registered trademarks are registered in the United States, and may or may not be registered in other countries.

3Com and the 3Com logo are registered trademarks of 3Com Corporation. CoreBuilder is a trademark of 3Com.

Other brand and product names may be registered trademarks or trademarks of their respective holders.