

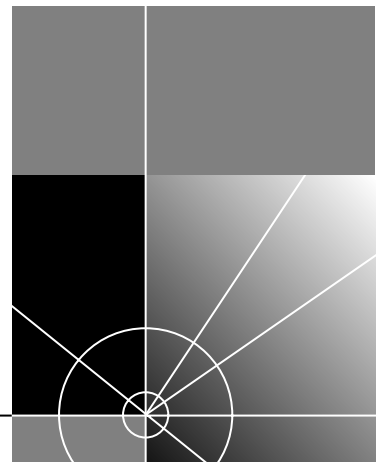


LANplex® 6012 Backbone Aggregator Fan Tray

Instructions for Removing and Replacing

<http://www.3com.com/>

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Guide written by Lynne Gelfand and Leo Collins. Edited by Bonnie Jo Collins. Technical illustration by Kelly Roberts.

This document provides instructions for removing and replacing a fan tray (Part No. 3C6012-930) in the LANplex® 6012 Backbone Aggregator chassis (Part No. 3C6012-901 or 3C6012-902).

Required Skill Level for Servicing

A solid understanding of electronic and network troubleshooting is necessary before you can work on the LANplex 6012 Backbone Aggregator hardware.



WARNING: *If you have no training or experience with electronics, do not disassemble any electronic enclosure or chassis, including the LANplex 6012 Backbone Aggregator chassis.*

For information about 3Com training programs, call 1-800-NET-3COM.

Audience

This guide is intended for trained technical personnel only. Do not attempt to diagnose and repair a LANplex system if you have not had the proper training from 3Com. For training information, call 1-800-NET-3COM.

Safety Precautions

Be sure that you follow all safety precautions when working inside the LANplex 6012 Backbone Aggregator chassis. To avoid electric shocks, burns, or equipment damage, read all warnings and cautions.



WARNING: *Hazardous energy exists within the LANplex system. Use extreme caution when performing troubleshooting or disassembly. Always be careful to avoid electric shock or equipment damage.*

Never insert metal objects such as a screwdriver or a finger with jewelry into open module slots while the system is turned on.

If the power is on, do not touch any wires, bus bars, or electric connections within the chassis with your hands and fingers. Do not insert metal objects into the backplane.



The fan trays can be replaced without shutting off the LANplex 6012 Backbone Aggregator or disturbing network operation.



CAUTION: To prevent overheating, however, do not allow the system to operate with a stalled or failed fan for longer than 5 to 10 minutes or. Both fan trays are needed for normal system cooling.

LANplex 6012 Backbone Aggregator Fan Trays

The two individual fan trays that are mounted on the rear of the LANplex 6012 Backbone Aggregator chassis are identical components. See Figure 1.

The procedure for replacing a fan tray takes approximately 5 minutes to complete.

Tool requirements

You need a No. 2 Phillips screwdriver.



WARNING: Hazardous energy exists within the LANplex system. Use extreme caution when replacing the fan tray. Always be careful to avoid electric shock or equipment damage. See and follow the safety messages beginning on page 1.

- 1 Loosen the upper and lower captive screws on the fan tray that you want to remove. See Figure 1.
- 2 Grasp and gently tug the appropriate fan tray handle to disconnect the connectors. Then pull the fan tray straight off the chassis. If the fan tray jams, wiggle it to free it. Do not pull too hard or the connector might be damaged.
- 3 Place the new fan tray in the vacant slot, and slide it around until you feel the connectors engage.
- 4 Gently push the fan tray fully in. The fan should start to turn and the green **FAN** LED should light.
- 5 Tighten the upper and lower captive screws.

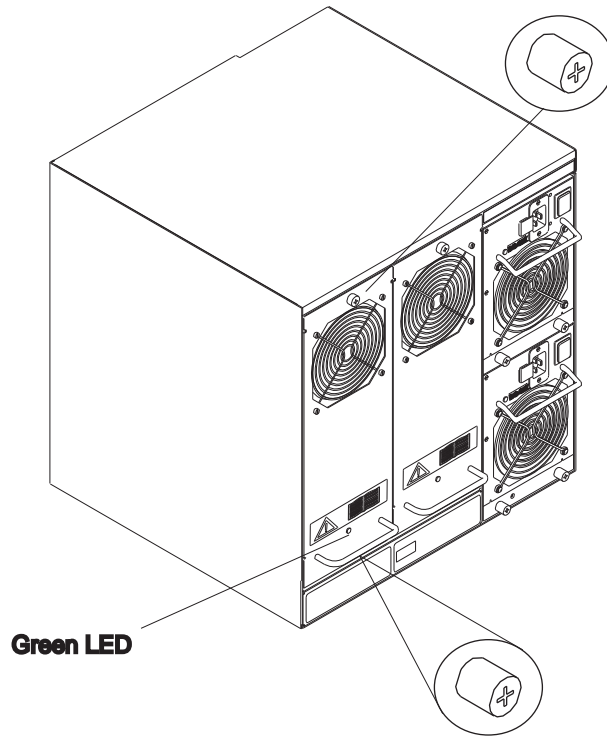


Figure 1 Fan Tray Captive Screws

Returning the Defective Fan

Before you send any product directly to 3Com for repair, you must first obtain a Return Materials Authorization (RMA) number. A product sent to 3Com without an RMA number will be returned to the sender unopened, at the sender's expense.

To obtain an RMA number, call or fax:

Country	Telephone Number	Fax Number
U.S. and Canada	(800) 876 3266, option 2	(408) 764 7120
Europe	31 30 60 29900, option 5	(44) (1442) 275822
Elsewhere	(1) (408) 492 1790	(1) (408) 764 7290

3Com Corporation LIMITED WARRANTY

For purposes of this warranty, the LANplex® 6012 Backbone Aggregator Fan Tray is considered a **Power Supply and fans in the stackable hubs and unmanaged repeaters.**

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:

Internetworking products	One year
Network adapters	Lifetime
Ethernet stackable hubs and unmanaged Ethernet fixed port repeaters*	Lifetime (One year if not registered)
*Power supply and fans in the stackable hubs and unmanaged repeaters	One year
Other hardware products	One 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.

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