

53-1001804-01
January 31, 2010



Blower Assembly

Replacement Procedure

**Supporting PowerConnect B-DCX4S Backbone and PowerConnect B-DCX
Backbone**

53-1001804-01



Notes, Cautions, and Warnings

NOTE

A NOTE indicates important information that helps you make better use of your computer.



CAUTION

See the safety and regulatory information that shipped with your system. For additional regulatory information, see the Regulatory Compliance Homepage on www.dell.com at the following location: www.dell.com/regulatory_compliance.



CAUTION

A CAUTION indicates potential damage to hardware or loss of data if instructions are not followed.



DANGER

A DANGER indicates a potential for property damage, personal injury, or death.

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Regulatory Model Codes: Brocade DCX-4S, Brocade DCX

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Introduction

This document provides instructions for replacing a blower assembly in the PowerConnect B-DCX4S and the PowerConnect B-DCX chassis.

ATTENTION

To ensure continuous adequate cooling for the PowerConnect B-DCX, maintain three operating blower assemblies at all times except for the brief period when replacing a blower assembly.

The PowerConnect B-DCX4S can continue operating during the replacement if the second blower assembly is operating.

Time and items required

The replacement procedure for each blower assembly takes less than 5 minutes. The following items are required for the blower assembly replacement:

- Replacement blower assembly
- Phillips #2 screwdriver

Removing a blower assembly

1. Before removing a blower assembly, verify that the other blower assemblies are functioning correctly. The power LEDs should be steady green.
2. Use the screwdriver to loosen the captive screws for the blower assembly ([Figure 1](#) or [Figure 2](#).) On the DCX the screws are at the top and bottom of the assembly and on the DCX-4S they are on the left and right.
3. Support the blower assembly from beneath. Use the handle to remove the blower assembly.

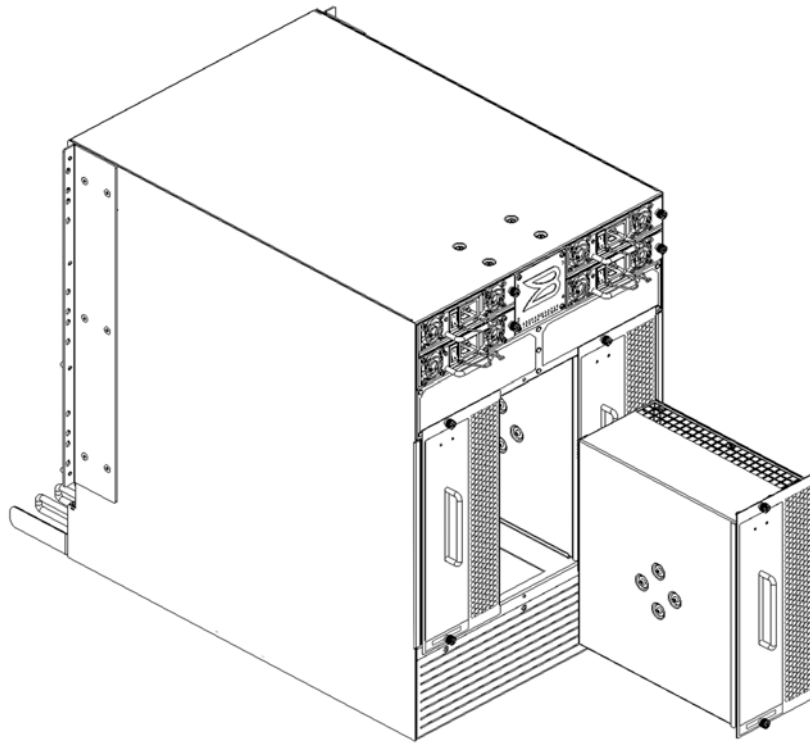


FIGURE 1 DCX blower assembly

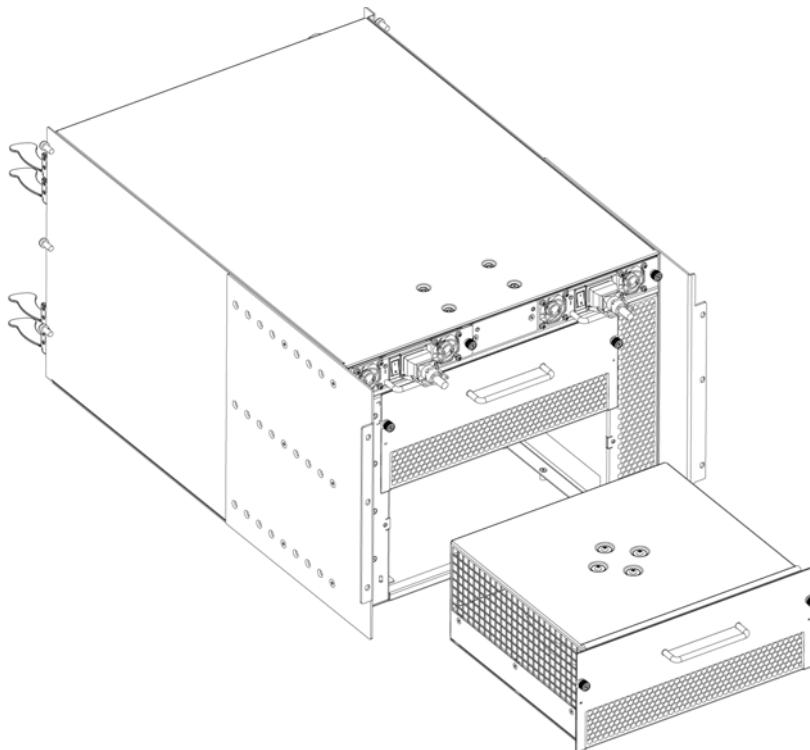


FIGURE 2 DCX-4S blower assembly

Replacing a blower assembly

To replace a blower assembly

1. Orient the blower assembly and slide it into the chassis, pushing firmly to ensure that it is seated.
2. Verify that the power LED displays a green light.
3. Use the screwdriver or your fingers to tighten the captive screws.

