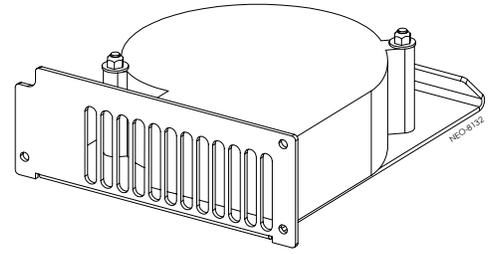


# NEO 8000 Library Remove & Replace Instructions

## Blower Assembly Spare



## Overview & Notes

The NEO 8000 contains blower assemblies located above the Primary and Secondary card cages. This document describes how to remove and replace either the Primary or Secondary blower assembly in a NEO 8000 Library from Overland Storage.

### Unpacking the Spare

Carefully unpack the spare part and verify that you have all the parts:

- Blower assembly
- Three M3x10mm Phillips panhead screws
- These Remove & Replace Instructions

### Electrostatic Discharge Information

A discharge of static electricity can damage micro-circuitry or static-sensitive devices. To help prevent electrostatic damage, observe the following precautions:

- Transport and store items in static-safe containers.
- Keep electrostatic-sensitive parts in their containers until they arrive at static-free stations.
- Use a wrist strap and properly-grounded tools.
- Make sure you are always properly grounded when touching a static-sensitive component or assembly.
- Keep the work area free of non-conductive materials.
- Avoid touching pins, leads, or circuitry.

## Preparing the Library for Replacement



**WARNING:** The library's GUI touch screen does not completely shut off NEO 8000 system power. To reduce the risk of electric shock or damage to equipment, unplug both power cords.

1. **Power down** the library at the front panel.
2. Set the library circuit breakers to the **OFF** ("O") position.
3. Remove and retain the **power cords**.
4. Locate the **blower assembly** being replaced (Figure 1).

The process is the same for both the Primary and Secondary blower assemblies.

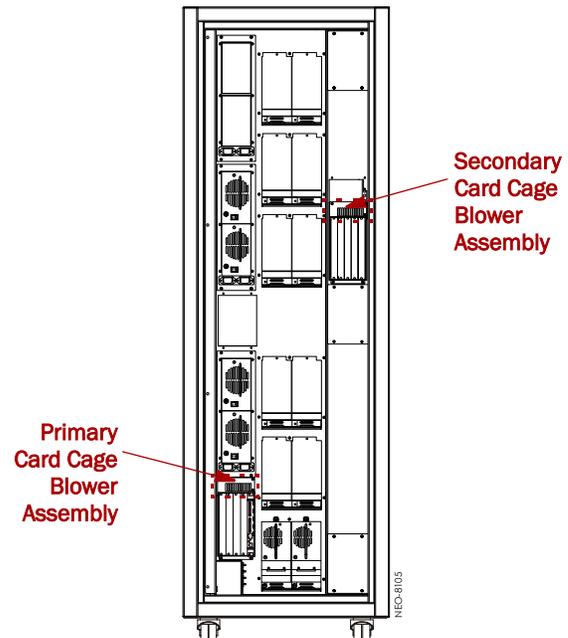


Figure 1. NEO 8000 Blower Assembly Locations

## Replacing the Card Cage

1. Remove the three **M3x10mm** screws on the blower assembly (Figure 2).
2. Pull the blower out just enough to **access the connector** located on the rear wiring.
3. Unplug the connector and position the **cable harness** so that it doesn't fall behind the card cage.
4. Position the **new blower** at the top of the card cage.
5. Reconnect the **cable harness** to the new blower wiring.
6. Carefully slide the new blower assembly back into the opening keeping the cable harness from snagging.
7. Refasten the assembly with the three new **M3x10mm** screws.

---

**CAUTION:** Be sure to use the **10mm** screws for the **blower** assembly. Using shorter 8mm card cage screws may strip the threads and prevent proper assembly.

---

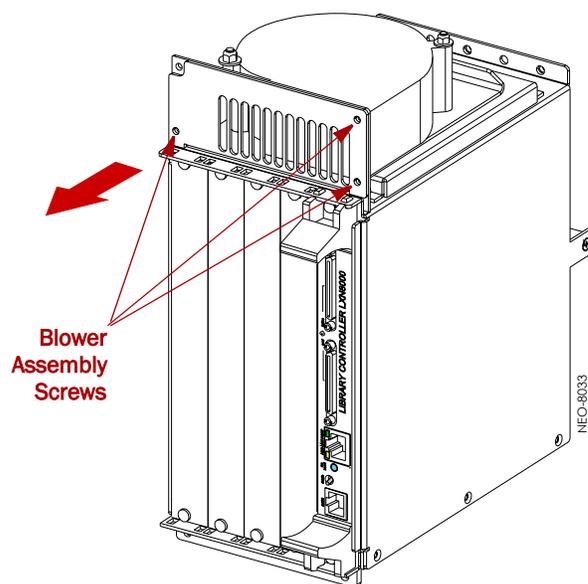


Figure 2. Blower Assembly Attachment Points

## Reactivating the Library

1. Reattach both **power cords**.
2. Set the library circuit breakers to the **ON** ("I") position.
3. Verify that air is blowing from the **new blower** fan.

### Getting Help

You can get technical support on the Internet at [support.overlandstorage.com](http://support.overlandstorage.com), or call 1-877-654-3429 (toll-free U.S. & Canada) or 858-571-5555x5 (International).

All information contained in or disclosed by this document is considered proprietary by Overland Storage. By accepting this material, the recipient agrees that this material and the information contained therein are held in confidence and in trust and will not be used, reproduced in whole or in part, nor its contents revealed to others, except to meet the purpose for which it was delivered. It is understood that no right is conveyed to reproduce or have reproduced any item herein disclosed without express permission from Overland Storage. Overland Storage provides this document as is, without warranty of any kind, either expressed or implied, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. Overland Storage may make improvements or changes in the product(s) or program(s) described in this document at any time. These changes will be incorporated in new editions of this publication.

Overland Storage assumes no responsibility for the accuracy, completeness, sufficiency, or usefulness of this document, nor for any problem that might arise from the use of the information in this document.