

Spare Library Controller Card Instructions

This document describes how to remove and replace a library controller card in a NEO 200s/400s library from Overland Storage.

WARNING: To reduce the risk of electric shock or damage to equipment, always remove any power cords while working with the unit.

AVERTISSEMENT: Pour réduire le risque de choc électrique ou endommagement de l'équipement, retirez toujours les cordons électriques en travaillant avec l'appareil.

CAUTION: While working with the unit, observe standard Electrostatic Discharge (ESD) precautions to prevent damage to micro-circuitry or static-sensitive devices.



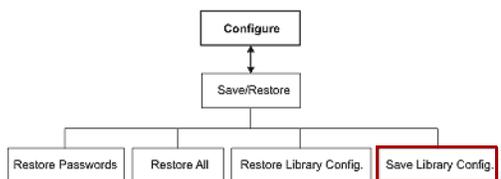
Prepare the Unit

IMPORTANT: The Library Controller Card contains a copy of the vital product data (VPD), or configuration, for your library. You must backup the VPD (if possible) for transfer to the replacement chassis.

Save Library Configuration

If possible, save the current configuration of the library:

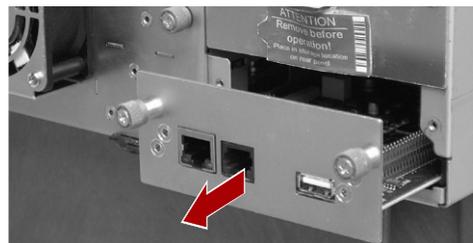
1. Plug a **USB drive** into the rear panel.
2. At the Operator Control Panel, press **Configure > Save/Restore > Save Library Config.**



Exchange Controller Card

Remove the Old Card

1. Power OFF the library by pressing and holding down the **power button** on the front for four seconds.
2. Disconnect any **power cords** from the electrical source, then from the library.
3. Loosen the **two blue captive thumbscrews** on the controller card located on the right side of the back panel.
4. Grasp the two thumbscrews and pull the defective **Library Controller Card** out of the library.



Insert the New Card

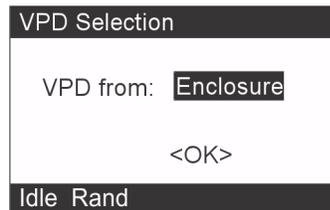
1. Grasp the two thumbscrews (**1**) on the replacement **Library Controller Card** and push it into the library.
2. Tighten the **two blue captive thumbscrews** to secure it.
3. Connect all the **power cords** to the library (**2**), then to the electrical source.



Complete the Exchange

VDP Selection

1. To power the library back ON, press the **Power** button.
Due to the new controller card, the VDP Selection screen is shown on the Operator Control Panel. By default, the VDP is Controller; this must be changed to Enclosure.
2. Press SELECT (↵) to change the **settings**.
3. Press DOWN (↓) to select **Enclosure**, and then press SELECT (↵).
4. Press DOWN (↓) to select **OK** and then press SELECT (↵).

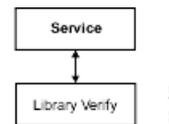


Validate the System

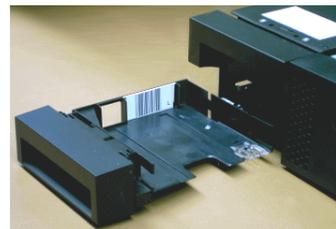
1. Run the Library Verify test. (Operator Control Panel: **Service > Library Verify**).

NOTE: The verify test requires the use of a scratch (blank) cartridge. Insert it using the Mail Slot.

2. Do **one** of the following:
 - If the test **passes**, remove the cartridge, press **Cancel** to exit, and resume normal operations.
 - If the test **fails**, an error code will be displayed. Refer to the Troubleshooting chapter in the *NEO 200s/400s User Guide* for additional instructions.



Mail Slot

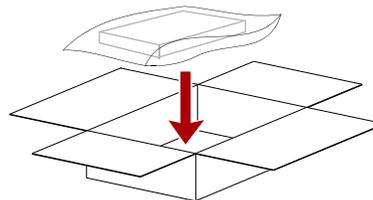


Return Old Part to Overland

For return shipping details and RMA number, go to:

<http://docs.overlandstorage.com/return-instructions>

1. Place the **old part** in the anti-static bag and put it in the replacement part's box.
2. Use a return merchandise authorization (RMA) number to return the part to **Overland Storage**.



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