Optional Rear Door Installation Instructions

This document describes how to install the optional rear door in a NEO 8000e tape 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.

➡️ **IMPORTANT:** If your library is part of a Master/Slave system using the Horizontal Robotics Assembly (HRA), contact Overland Technical Support for information on adding rear doors.

NOTE: A capture or magnetic screwdriver extension is recommended to easily reach the hinge holes.
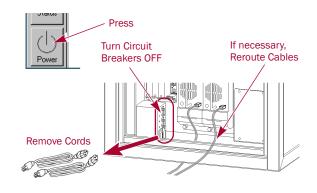
Prepare the Unit

Power Down the Library

1. At the front GUI, press **Power** to turn the library OFF.
   The shuttle/track assembly moves to the library floor.
2. At the rear, turn the **circuit breakers** OFF (O).
3. Disconnect all **power cords.**
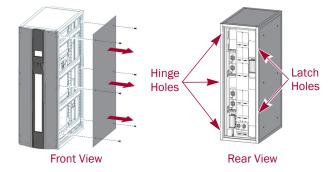4. If any **data cables** run over the outside frame's edge, reroute them inside the frame.
   There are openings at the top and bottom of the library for the cables.

Press
Turn Circuit Breakers OFF
If necessary, Reroute Cables
Remove Cords

Provide Right Side Access

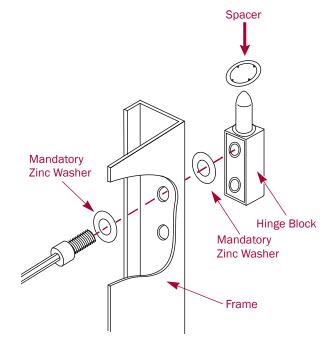*NOTE: Access to the inside of the right rear frame is needed to install the hex screws holding the hinges in place.*

1. Remove and retain the **six screws** from the **right side panel** (facing the unit).
2. Set the **panel** aside.

Hinge Holes — *Latch Holes*
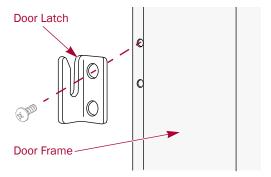*Front View* — *Rear View*

Attach the Hinge Blocks

1. Place the **Allen screw with a zinc washer** on the end of your Allen wrench.

   You need at least a 6-inch (15cm) or longer tool.

   TIP: Use a capture or magnetic screwdriver extension.

2. Locate the **top set** of holes above the rear outside brace.

3. With the hinge block pin up, position the **Hinge Block** in front of the holes with one zinc **washer** between the top set of holes.

4. Carefully guide the wrench and **screw** inside the frame to the holes, pushing it through the top hole.

5. Push the screw through the second zinc **washer** and loosely screw it into the top **Hinge Block hole**.

6. Repeat Step 4 for the **bottom** screw, making sure to install two **washers**.

7. Tighten **both screws**.

8. Push the **spacer** down over the base of the Hinge Block pin.
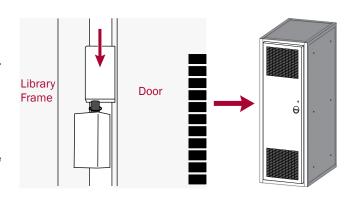
9. Repeat Steps 1–8 for the **middle and bottom** hinges

Attach the Latches

1. Locate **top set** of holes on the door frame.

2. With the latch opening up, secure the latch with two **Phillips screws**.

3. Repeat Step 2 for the **bottom** latch.

Attach the Door and Panel

1. Carefully lower the **door** onto the hinge pins.

2. Test the door alignment by **closing and locking** the door. If the door cannot be opened, unlock the door and skip to Step 4.

3. **If the door still opens after being locked**, the door latch is misaligned.

   Use **pliers to adjust the door latch** until the latch can be seated securely in the door locking mechanism and the door does not open when locked.

4. Reattach **right side panel** using the retained screws.

Library Frame   Door

Restart the Library

1. If the library was **moved** during the rear door installation, you must make sure it is back in place and **perfectly level**.

   If necessary, refer to the user guide for complete details for leveling the library.

2. Reattach the **power cables**.

3. Reset **circuit breakers** to ON (|).

   The library boots and goes through POST.

Turn Circuit Breakers ON

Reattach Cords