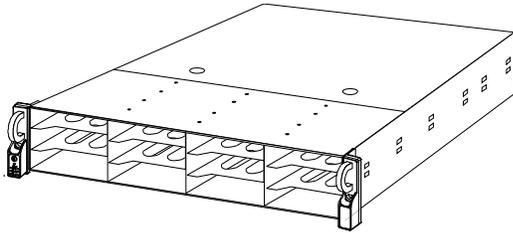


# 2U Expansion Chassis Spare

For SnapServer® EXP E2000

This document describes how to remove and replace the chassis in an SnapServer EXP E2000 expansion unit from Overland Storage.



It is **required** that the work be done by an Authorized Service Provider. Improper installation may result in damage which voids existing warranties.

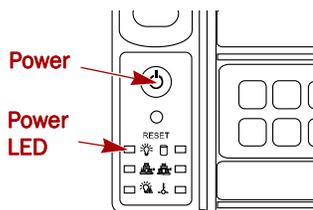
**WARNING:** To reduce the risk of electric shock or damage to equipment, always remove the power cords.

**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

### Disconnect and Power Off

1. Power off the unit by pressing the **Power button** on the front of the server for **no more** than one second. While there is no obvious change, the expansion unit starts its shutdown process.

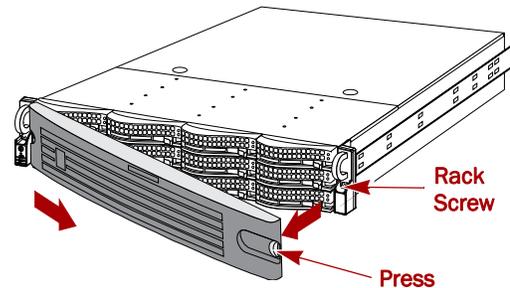


2. Wait **1-2 minutes**, and then verify that the Power LED is off before continuing.
3. Disconnect the **power cords** from the rear of the power supplies.
4. Disconnect all **data cables** from the unit.

### Remove the Disk Carriers

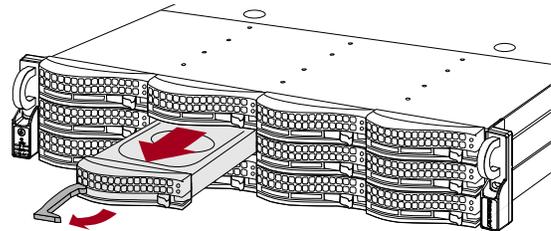
**IMPORTANT:** Overland recommends that you remove the drive assemblies to lessen the unit's weight prior to removal. The assemblies must be reinstalled in the same slots.

1. Remove the **bezel** by pressing the latch on the right side, pulling the right side away from the unit, and pulling the bezel off to the right. Set the bezel aside.



**NOTE:** Do not remove the disk drives from their carriers. Doing so voids the drive warranty.

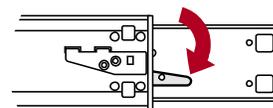
2. On the drive carrier, press the **button** to release the assembly handle.
3. Use the **handle** to pull the assembly out.
4. Number the assembly and set it on an ESD surface.
5. Repeat **Steps 2-4** for the remaining drive carrier assemblies.



### Remove Expansion Unit from Rack

**WARNING:** To prevent injury, it is recommended that a mechanical lifter (or at least two people) be used during installation or removal.

1. Remove and retain the **screws** holding the expansion unit to the rack rails.
2. Using the two **handles**, pull the unit out until the rails lock.
3. Press down **both latches** where the inner rail on the expansion unit goes into the middle rail.

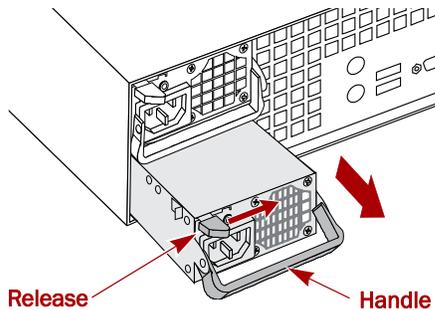


4. Keeping it parallel to the floor, pull the **unit** out of the rack and place it on an ESD surface.
5. Unpack the **new chassis** and place it on the ESD surface next to the old unit.

## Move Power Supplies

For each power supply:

1. Press the **release button** toward the center of the unit and use the handle to slide the power supply out.

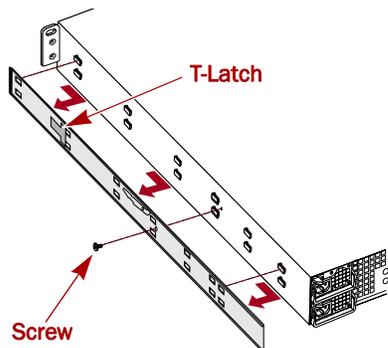


2. Insert the power supply into the same bay in the **new chassis** and push it in until it latches (clicks).

## Move the Inner Rails

For each inner rail:

1. Remove and retain the **screw** holding the rail to the side of the old unit.

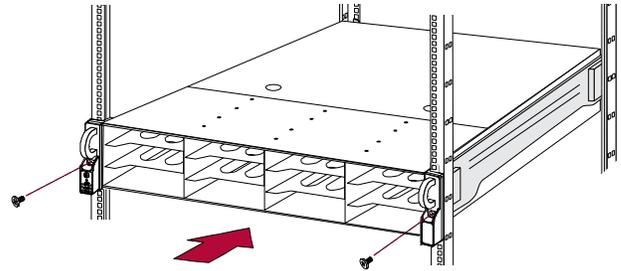


2. Lifting the **T-latch**, slide the rail to the rear and off the tabs.
3. Slide the rail onto the same side on the **new chassis** until the T-latch clicks into place.
4. Using the retained **screw**, secure the rail.

## Reactivate the Unit

1. Using two people to lift the unit, carefully slide the **expansion unit rail** into the **rack rail**, and push the unit to the rear of the rack.

2. Using the **retained screws**, secure the expansion unit into the rack.



3. One at a time, insert the **disk assemblies** into the new chassis:
  - a. Position the disk assembly at **same slot** in the new chassis and use the lever to push it all the way into the slot.
  - b. Push the **lever** close until it locks (clicks).

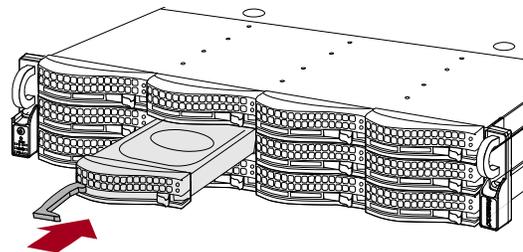


Figure 1. Insert Drive Carrier and Lock

4. Replace the **bezel** on the front of the unit by inserting the left tabs and pushing the right side in until it latches (clicks).

## Reconnect and Power On

1. Reconnect the **data cables**.
2. Reconnect the **power cords** to the unit.
3. Press the **power button** once.

The expansion unit should power up and the LED should turn green.

## Check Operation

Restart the head unit. Using the GUI, verify that the expansion unit is operating correctly.

## Return Removed Parts to Overland

1. Place the **old chassis** in the anti-static bag and secure it in the replacement part's box using the provided packing materials.
2. Return the old parts to **Overland Storage**.

You can get additional technical support on the Internet at <http://support.overlandstorage.com>, or by contacting Overland Storage using the information found on the [Contact Us](#) page on our web site.