Installing the 2RU Chassis in a Rack

This Installation Guide describes how to install the XPression 2RU chassis into a rack.

Package Contents

- XPression 2RU chassis
- 2 x rail assemblies
- 8 x #10-32x6 screws
- 8 x M5x15 screws
- 8 x 12mm nylon washers
- 8 x M5 cage nuts
- 4 x white plastic spacers

Required Tools

#1x4 Phillips head screwdriver

Adjustable wrench
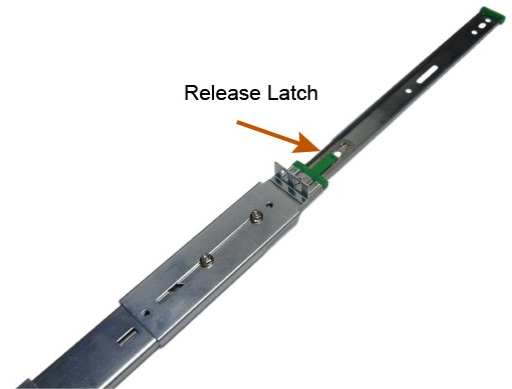
Separating the Inside Rail from the Rail Assembly

The following procedure explains how to separate the inside rail from the rail assembly.

To separate the inside rail from the rail assembly:

1. Slide the inside rail out until it stops.

2. Slide the release latch back and continue sliding the inside rail out.

Release Latch

3. Pull firmly until the inside rail is separated from the rail assembly.
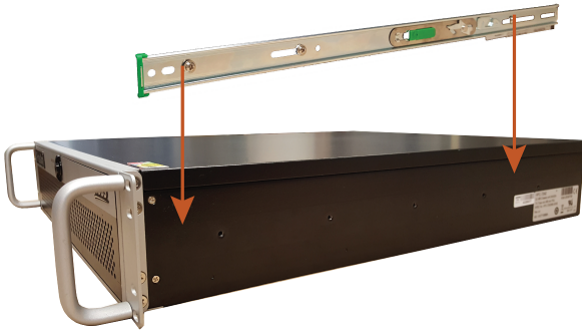
Installing the Inside Rail on the Chassis

The following procedure explains how to install the inside rail on the side of the XPression 2RU chassis.

To install the inside rail on the chassis:

1. Remove the screws on both sides of the chassis (10 screws).

2. Remove the lower rubber stopper on the left side of the chassis.

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3. On each side, place the inside rail on the chassis with the green bumper at the front and the release latch facing outward from the chassis.

4. Fasten the inside rails to the chassis by inserting 3 of the 5 screws that were removed, as illustrated:07DR-0-0 Rev 3)
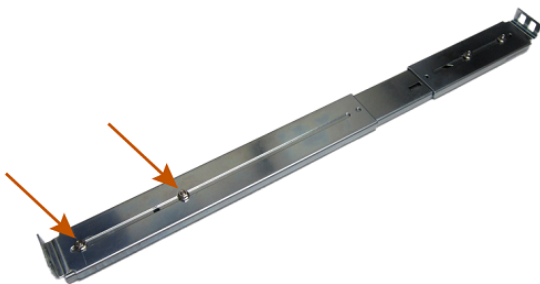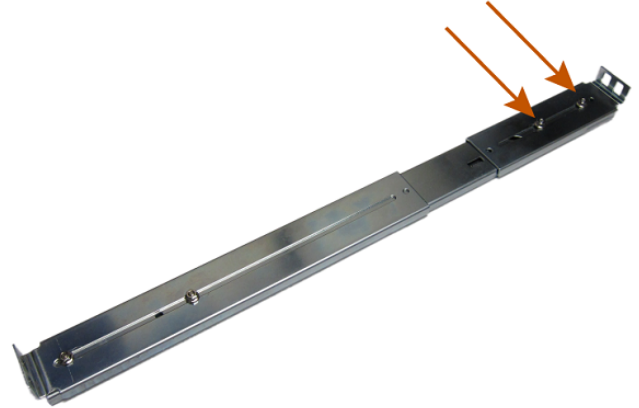

Adjusting the Mounting Brackets

The following procedure explains how to adjust the rail assembly mounting brackets to fit the rack and XPression 2RU chassis.

To adjust the mounting brackets:

1. Loosen the nuts for the first mounting bracket rail so that the rail can slide, but with some resistance.

2. Remove the nuts from the second mounting bracket rail.
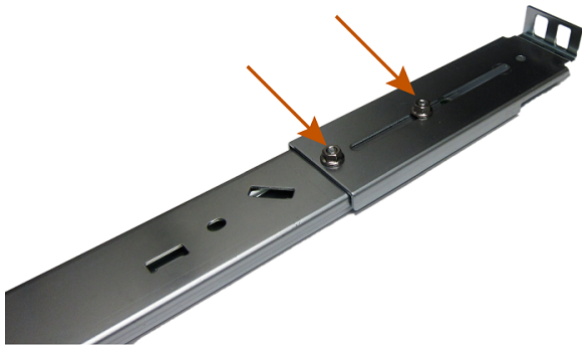

3. Remove the second mounting bracket rail from the rail assembly.

4. Place the second mounting bracket rail on the rail assembly as illustrated:

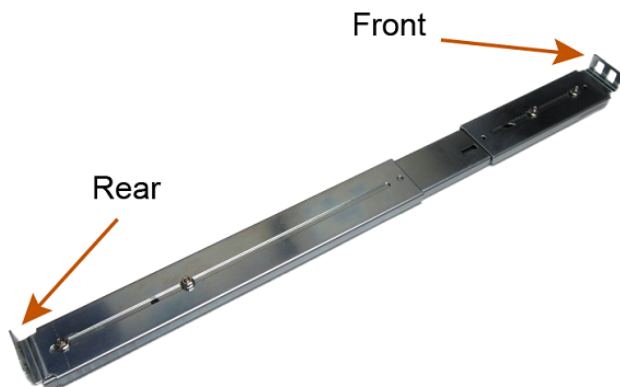5. Tightly fasten the nuts back onto the screws.

Installing the Rail Assembly to a Rack

This procedure explains how to install the rail assembly onto a rack.

To install the rail assembly to a rack:

1. Insert 2 cage nuts into holes on the inside of each side of the front of the rack.

2. Insert 2 cage nuts into holes on the inside of each side of the back of the rack.

3. Line up the inside of the rail assembly brackets so that they are flush with the outside of the front and back of the rack where they are to be fastened.

4. Ensure that the front end of the rail assembly is at the front of the rack:

5. Fasten 2 screws with washers through the holes on the front bracket of the rail assembly, the front of the rack, and the cage nuts.

6. Fasten 2 screws with washers through the holes on the rear bracket of the rail assembly, the rear of the rack, and the cage nuts.

7. Repeat with the second bracket.

Mounting the Chassis to the Rack

This procedure explains how to insert the XPression 2RU chassis into a rack and install the white spacers.

⚠ **Caution** — it is recommended that at least two people mount the chassis to the rack.

To mount the chassis into the rack:

1. Insert the rails that are installed on the chassis into the rack mounted rail assembly.

2. When the chassis will not insert any further, slide the release latch back.

3. Insert four rack screws (customer-supplied) through the four holes on the front of the chassis rack ears.

4. At the back of the rack ears of the chassis, slide the four white spacers onto each of the four rack screws

5. Continue pushing the chassis inward towards the rear of the rack until it stops.

6. Tighten the four rack screws with the white spacers to fasten the chassis to the rack.

   The chassis is now installed in the rack.