

Universal Rail Kit

Quick Installation Guide

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Safety Measures

Computer components and electronic circuit boards can be damaged by discharges of static electricity. Working on computers that are still connected to a power supply can be extremely dangerous. Follow these guidelines to avoid damage to the storage system or injury to yourself.

- Always disconnect power when carrying out work inside the unit.
- If possible, wear a grounded wrist strap when carrying out work inside the unit. Alternatively, discharge any static electricity by touching the bare metal chassis of the unit case, or the bare metal body of any other grounded appliance.
- Hold electronic circuit boards by the edges only. Do not touch the components on the board unless it is necessary to do so. Do not flex or stress the circuit board.
- Leave all components inside the static-proof packaging until you are ready to install the component.

Equipment Location

This equipment should only be accessed by SERVICE PERSONNEL or by USERS who have been instructed about the reasons for the restrictions applied to the location. Access is through the use of a TOOL or lock and key, or other means of security, and is controlled by the authority responsible for the location.

About this Guide

This guide describes how to install the left and right universal rail kit on the cabinet. This guide is intended for trained personnel only.

INSTALL UNIVERSAL RAIL KIT TO A CABINET

This document provides a quick overview of how to install a universal rail kit into a 700mm (27.6 inches) ~1100mm (43.3 inches) cabinet with DataOn storage systems.

BEFORE YOU BEGIN

You will need the following:

- A phillips head screwdriver
- A phillips flat head screwdriver

Unpack the Universal Rail Kit

Check whether the following items are included in the package:

- Left rail assembly x 1
- Right rail assembly x 1
- L-type Rack Fix Screws #10-32 x 8
- Square Hole Guiding Screws x 8

ATTACHING UNIVERSAL RAILS TO A CABINET

Each tray requires two standard mounting rack units (2U) of vertical space in the cabinet (1U= 44.45mm, or 1.75 inches). Each standard mounting rack unit (1U) has a pattern of three holes per U with center-to-center hole spacing of 15.9mm, 15.9mm, and 12.7mm for the vertical column of holes.

The DataOn universal rails have an adjustable length of 700mm to 1100mm.

Rack with Angle Holes

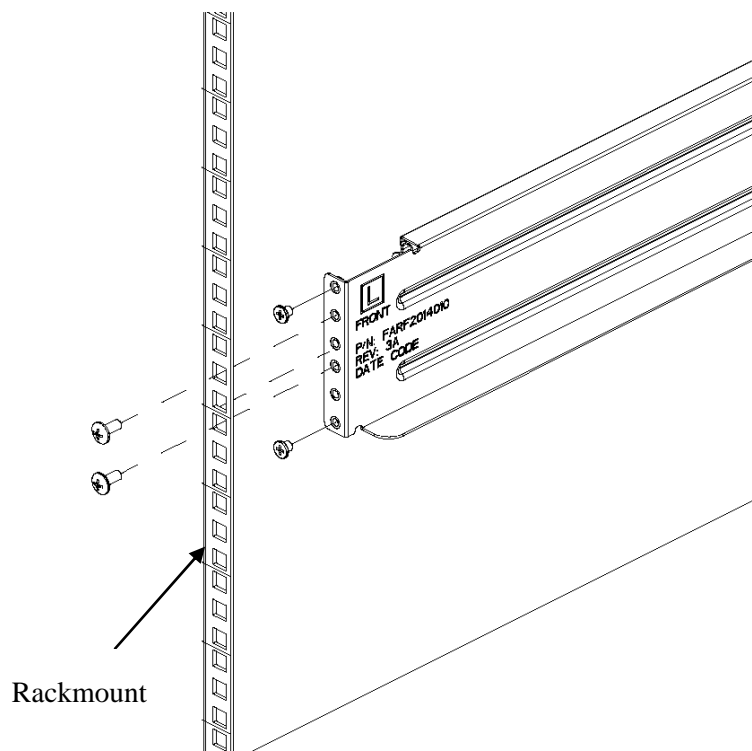
Note: THE FOLLOWING ILLUSTRATE THAT A RAIL IS INSTALLED ON THE *LEFT* OF A CABINET WHEN THE CABINET IS VIEWED FROM THE FRONT.

FOLLOW THE SAME PROCEDURES TO INSTALL A RAIL ON THE RIGHT OF THE CABINET.

CHECK THE LABELS ON EACH RAIL. THE RAIL LABELED “L FRONT” MEANS THAT IT SHOULD BE INSTALLED ON THE LEFT FRONT OF THE CABINET.

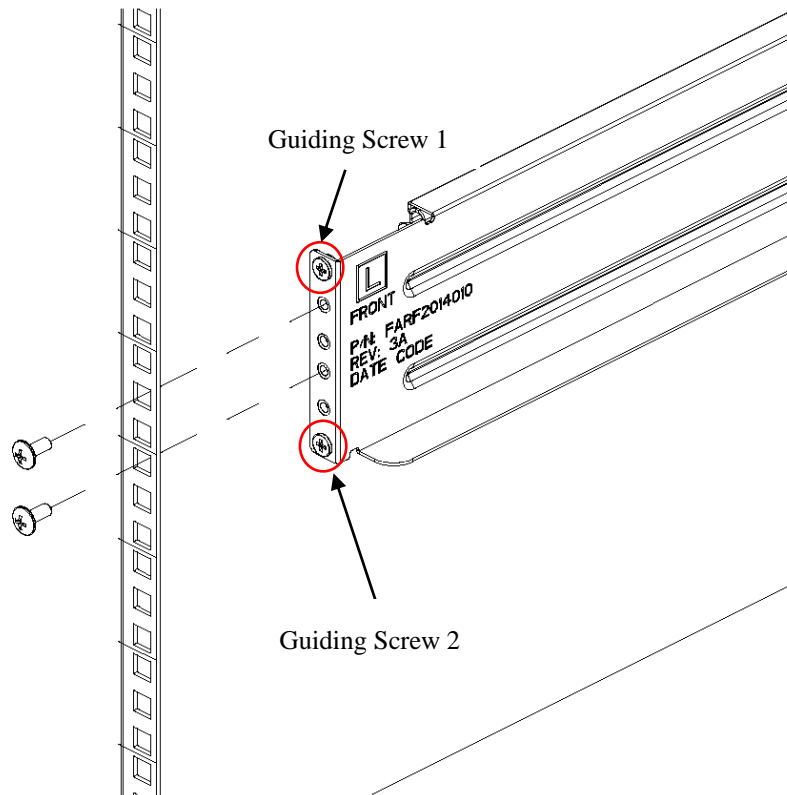
1. Position the front flange of the left universal rail behind the left front cabinet rail: Align the bottom of the left universal rail with the 1U mark on the rackmount.

FIGURE 1 Positioning the Front of the Left Rail behind the Rackmount



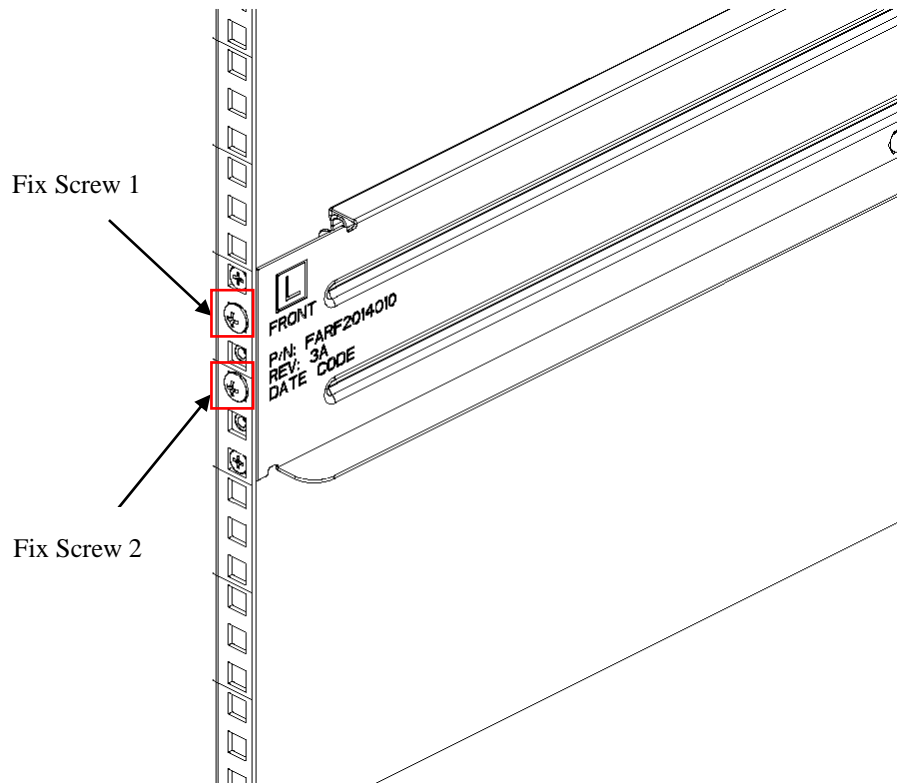
2. Insert two Set screws (Guiding screws) through the top and bottom holes (Position 1 and 6) on the front of the Universal rail.

FIGURE 2 Securing the Guiding Screws to the Front of the Universal rail



3. Insert two Fix screws (#10-32) through the second and fourth holes (Position 2 and 4) of the rackmount on the front of the Universal rail.

FIGURE 3 Securing the Fix Screws to the Rackmount



4. Adjust the length of the universal rail to fit the cabinet.
5. Position the rail flange behind the face of the cabinet rail.
6. Insert two Set screws (Guiding screws) through the top and bottom holes (Position 1 and 6) on the front of the Universal rail.
7. Insert two Fix screws (#10-32) through any two holes (of any position) of the rackmount on the front of the Universal rail.

Rack with Round Holes

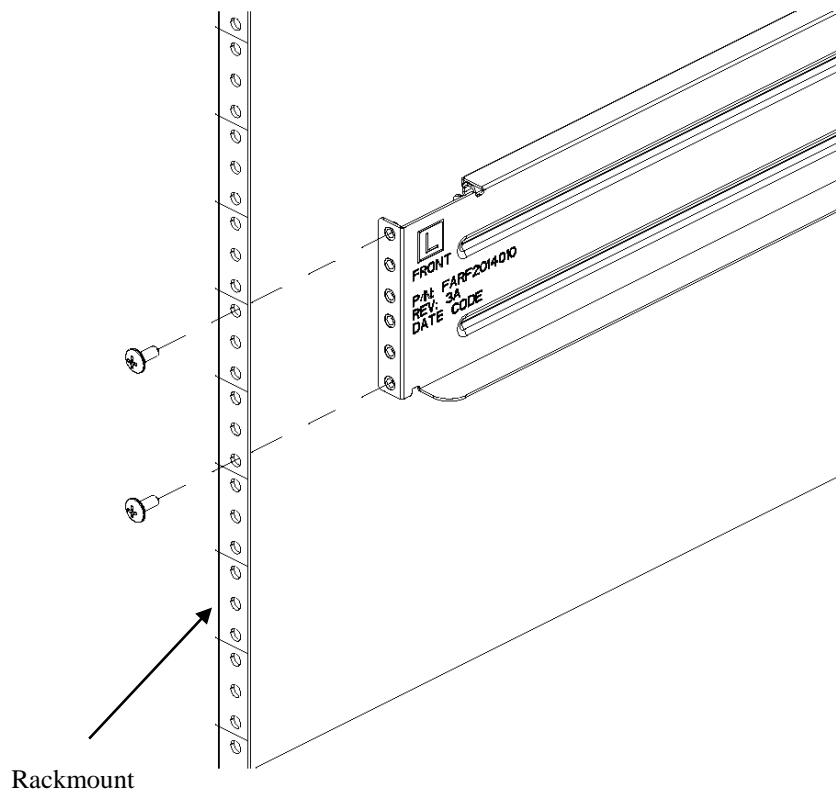
Note: THE FOLLOWING ILLUSTRATE THAT A RAIL IS INSTALLED ON THE *LEFT* OF A CABINET WHEN THE CABINET IS VIEWED FROM THE FRONT.

FOLLOW THE SAME PROCEDURES TO INSTALL A RAIL ON THE RIGHT OF THE CABINET.

CHECK THE LABELS ON EACH RAIL. THE RAIL LABELED “L FRONT” MEANS THAT IT SHOULD BE INSTALLED ON THE LEFT FRONT OF THE CABINET.

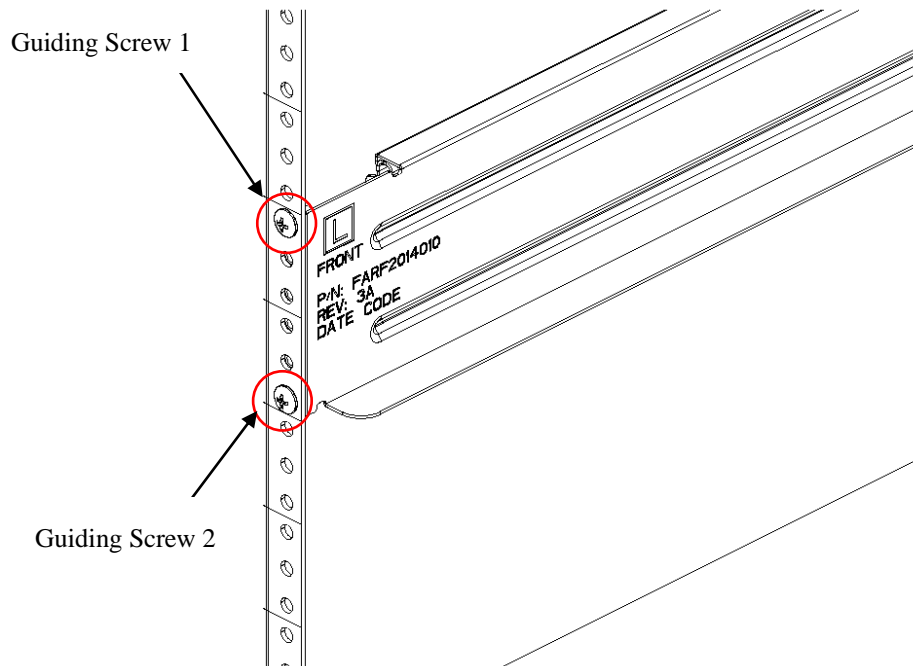
1. Position the front flange of the left universal rail behind the left front cabinet rail: Align the bottom of the left universal rail with the 1U mark on the rackmount.

FIGURE 4 Positioning the Front of the Left Rail behind the Rackmount



2. Insert two Set screws (Guiding screws) through the top and bottom holes (Position 1 and 6) on the front of the Universal rail.

FIGURE 5 Securing the Guiding Screws to the Front of the Universal rail



3. Adjust the length of the universal rail to fit the cabinet.
4. Position the rail flange behind the face of the cabinet rail.
5. Insert two Set screws (Guiding screws) through the top and bottom holes (Position 1 and 6) on the front of the Universal rail.
6. Insert two Fix screws (#10-32) through any two holes (of any position) of the rackmount on the front of the Universal rail.