7800 Fan Unit Replacement

June 2023
78-0501-00

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Scope

The following slides depict and describe the extent to which a 7800 series fabric module can be safely extracted from the rear of the chassis in order to allow a quick field replacement of the fan module.
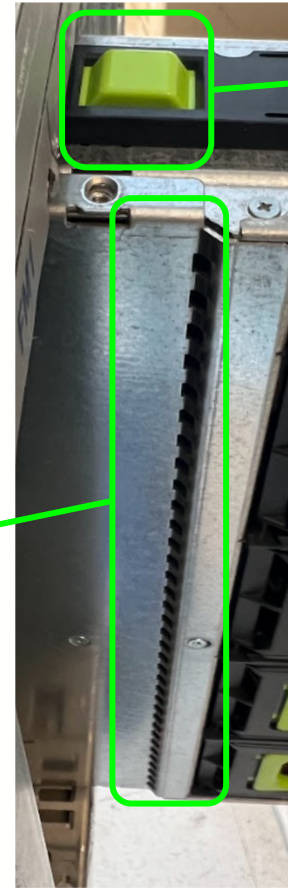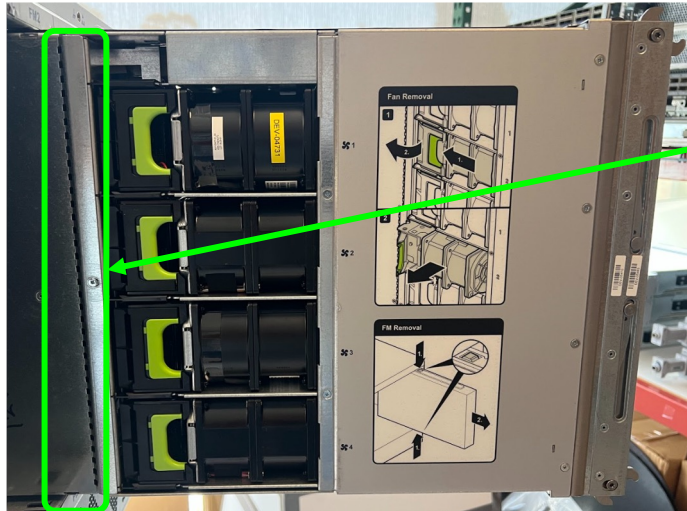
If the fabric module is pulled out much further than the identified features in each slide, it may tilt and fall out of the rear of the chassis, causing damage to the fabric, and/or injury to the technician swapping the fan.

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Identifying Safe Extraction Depths

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DCS-7804R3-FM

The perforation directly behind the fan modules is the visible physical feature that identifies the service depth of fabric fan modules. Pull the fabric module out until this perforation is even with the back of the chassis and/or adjacent fabric modules.

From above

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DCS-7808R3-FM

The perforation directly behind the fan modules is the visible physical feature that identifies the service depth of fabric fan modules. Pull the fabric module out until this perforation is even with the back of the chassis and/or adjacent fabric modules.
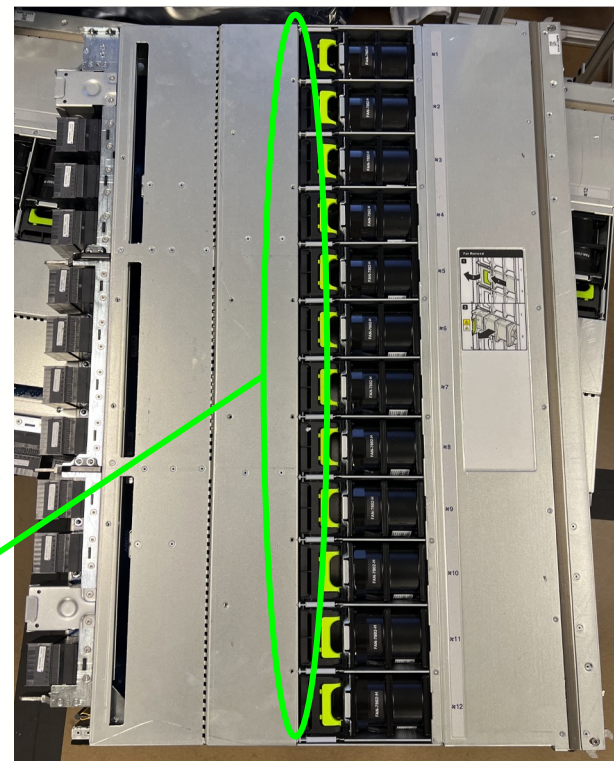
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DCS-7812R3-FM

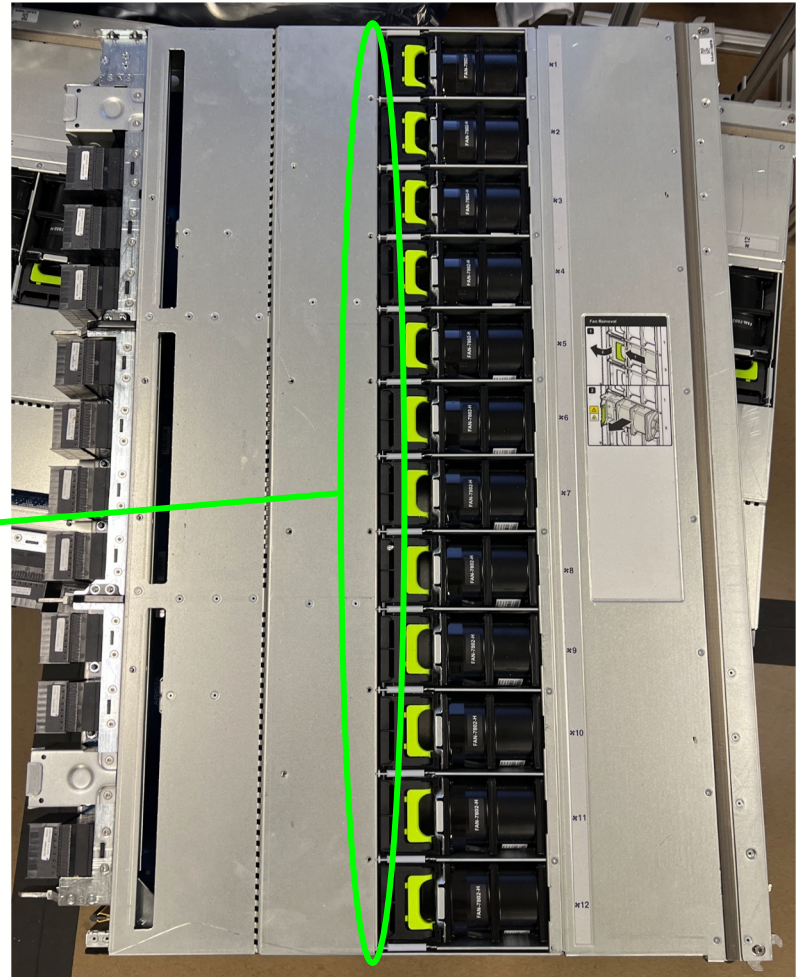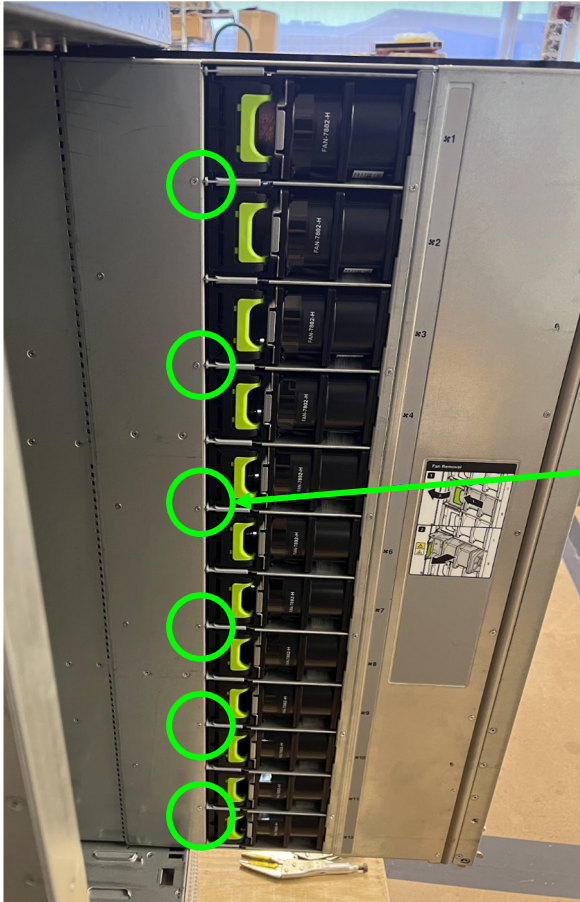On 7812R3-FM, the perforation is much further behind the fan modules.

Do not use the perforation as a guide to safe withdrawal depth.

The visible physical feature that identifies the service depth of fabric fan modules are the screws directly behind the fan modules. This is a safe depth to pull the FM out to replace a fan module.

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DCS-7812R3-FM Close-Up

DCS-7816R3-FM

The perforation directly behind the fan modules is the visible physical feature that identifies the service depth of fabric fan modules. Pull the fabric module out until this perforation is even with the back of the chassis and/or adjacent fabric modules.
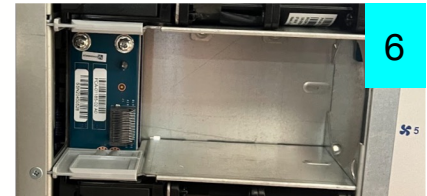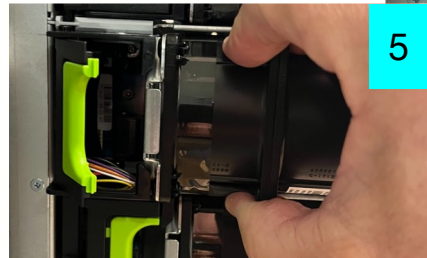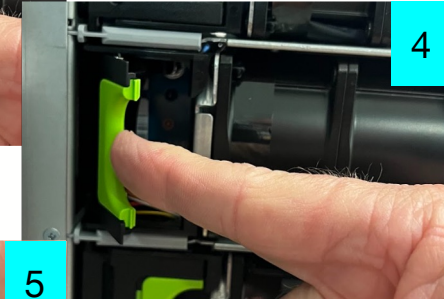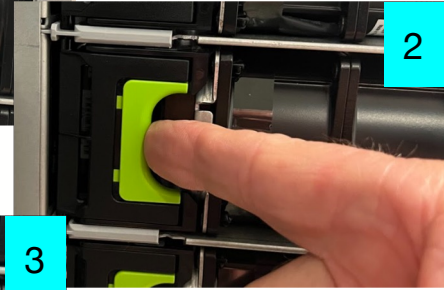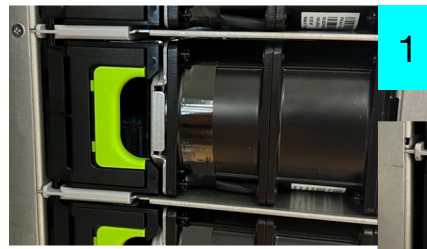
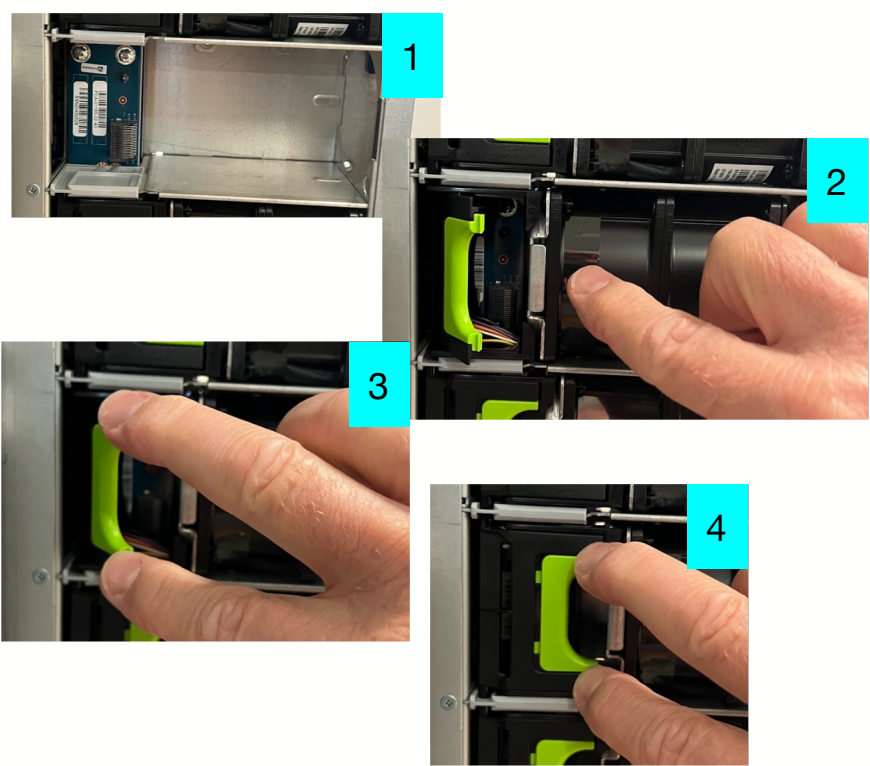ARISTA

Replacing Fan Units

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Fan Module Removal Steps

1. Locate the fan module that is to be replaced
2. Place a finger along the right edge of the Green ejector latch
3. Press the latch to the left to unlatch it
4. The latch is spring loaded and should rotate outwards ~45 degrees
5. Grip the ejector latch and pull it straight out until the fan body is slightly proud of the Fabric Module, grip the fan body and pull it out to remove
6. Empty fan slot

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Fan Module Installation

1. Empty fan slot
2. With the Green latch in the open position, align the fan module to the open fan slot and slide straight into the slot, press on fan body to seat
3. Once fully inserted, using two fingers press to the right on each end of the Green ejector, rotating inwards to the latched position
4. Press on the green latch until you hear the audible "click", and/or feel the latch click into position.

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Thank You

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