1U Switch Air Duct Kit

Quick Installation Guide

Model: QM8700/QM8790 Switch Air Duct Rail Kit

Pay Attention!

- All components must have the same airflow direction when installed in the rack. A mismatch in the air flow direction will affect the heat dissipation. Plan the FRU to connector or connector to FRU airflow, as required.

Package Contents

- 1 x rail kit (including an air-duct unit)
- Quick Start Guide
  If anything is damaged or missing, contact your Mellanox representative at support@mellanox.com.

A

8X*

8X*

B

8X

C

6X*

D

1X

E

2X

F

2X

Quick Installation Guide

1X
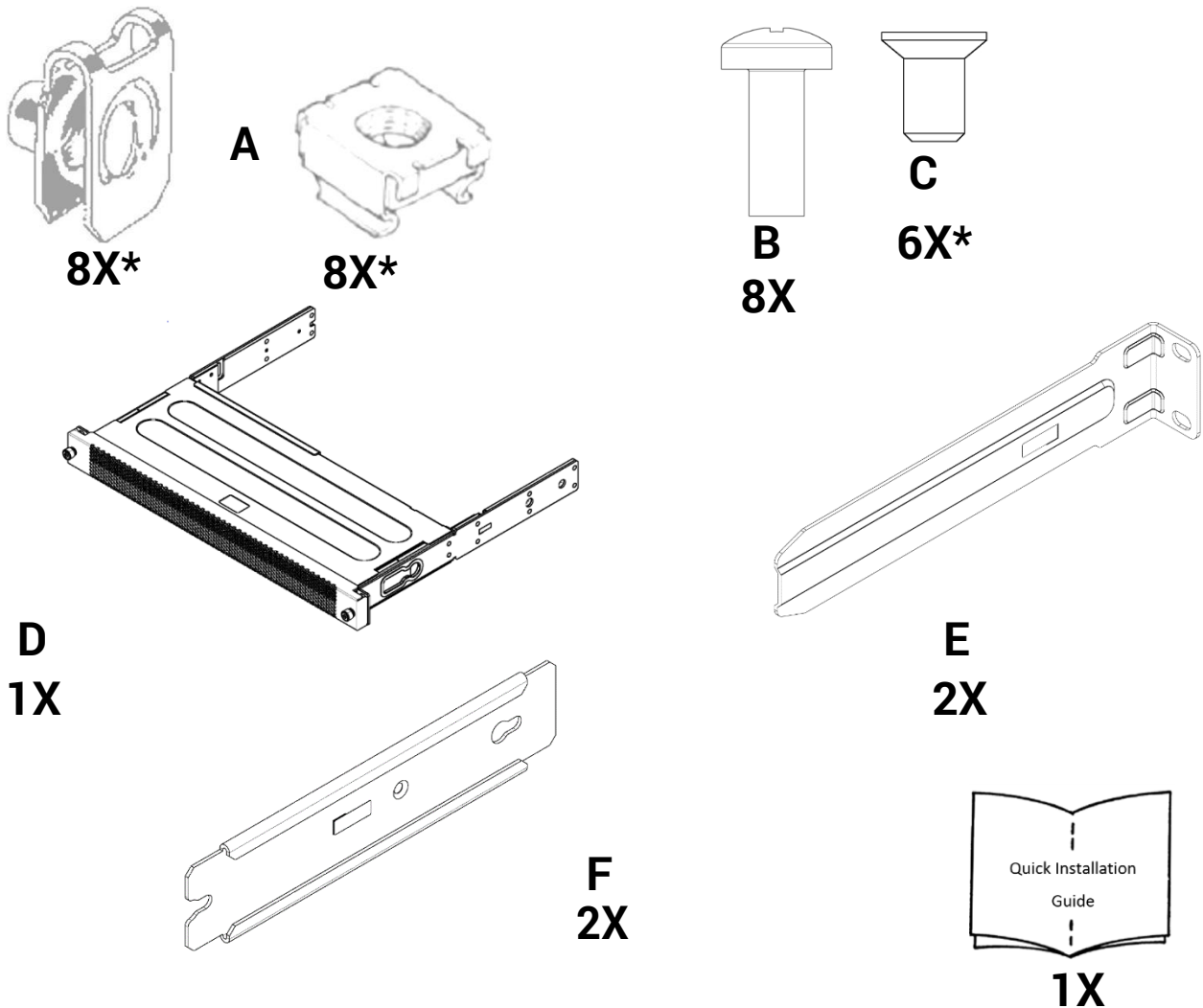
*Choose one nut type, according to the rack you are installing the system in (square or round holes).
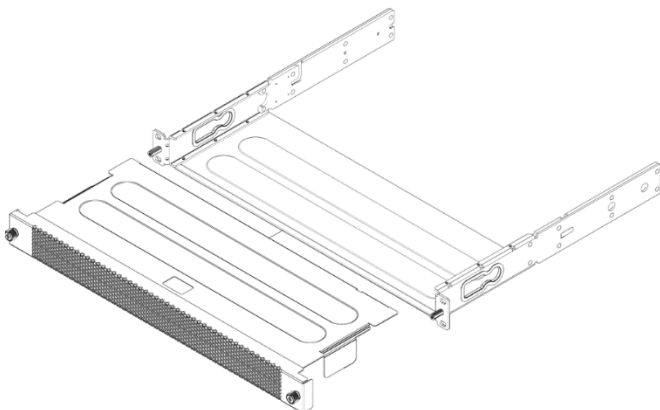
1

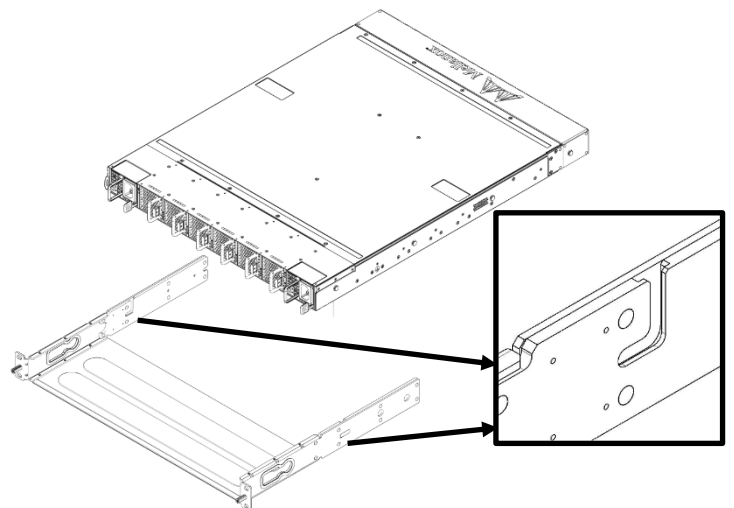***REMOVE AND DISCARD 8 SCREWS, AND DISASSAMBLE THE COVER IN THE OVAL. DISCARD THE COVER.**

D

D
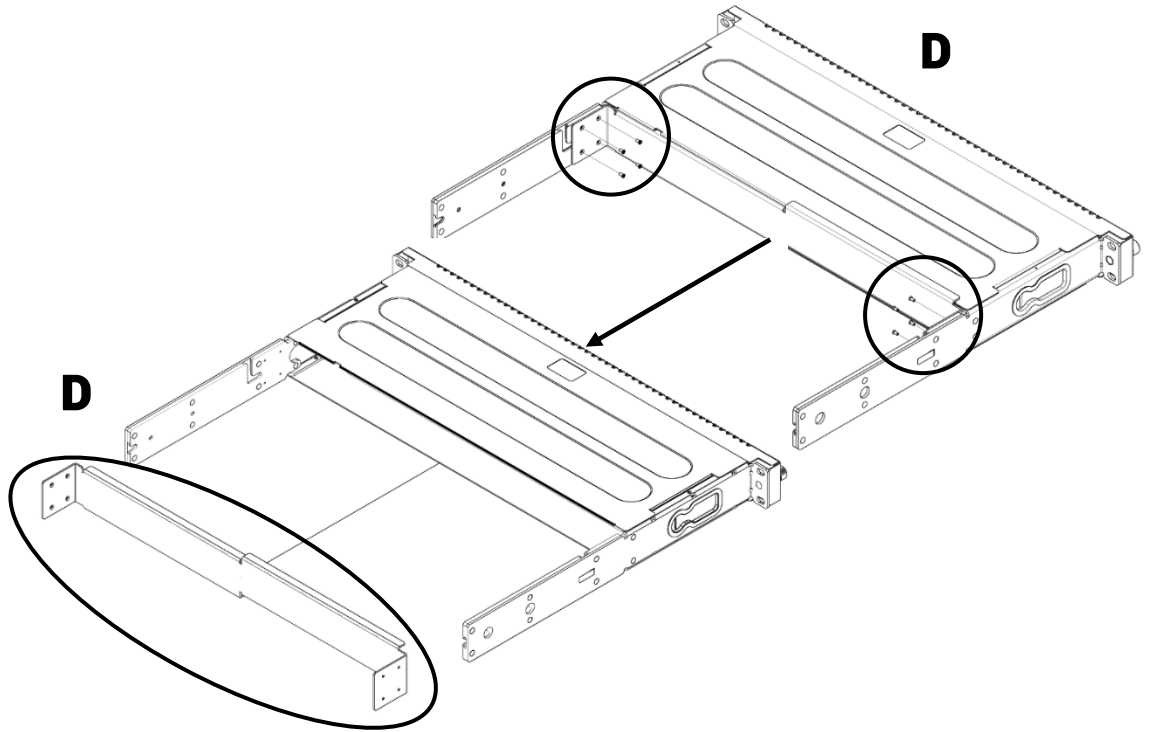
2

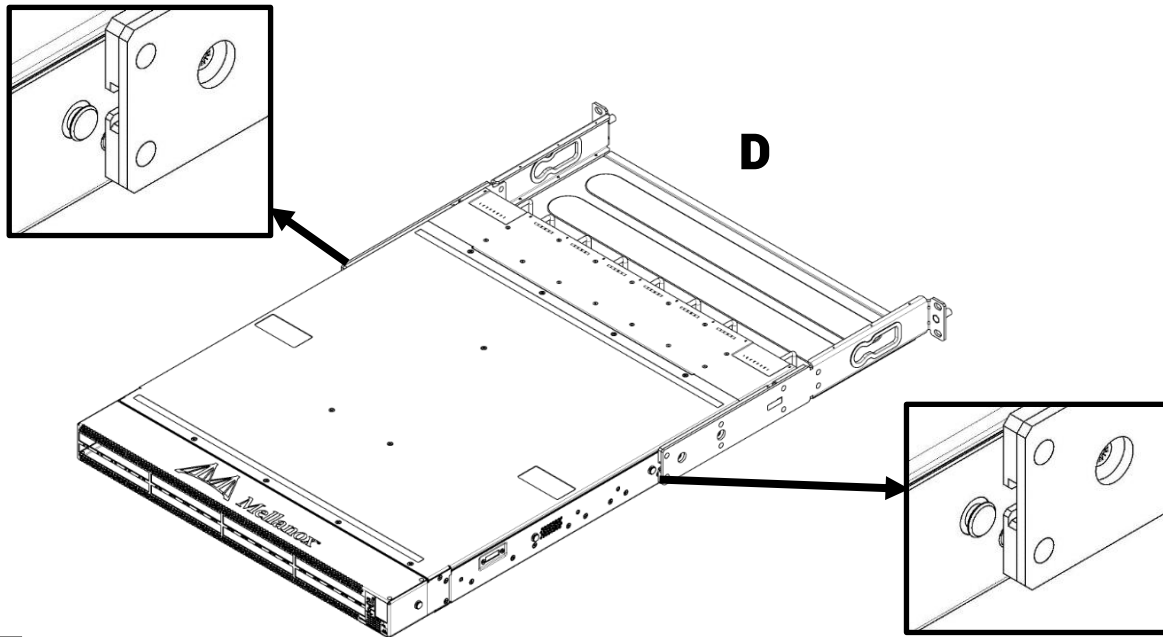***LOOSEN THE 2 CAPTIVE FASTENERS, AND REMOVE THE FRONT PANEL.**

3

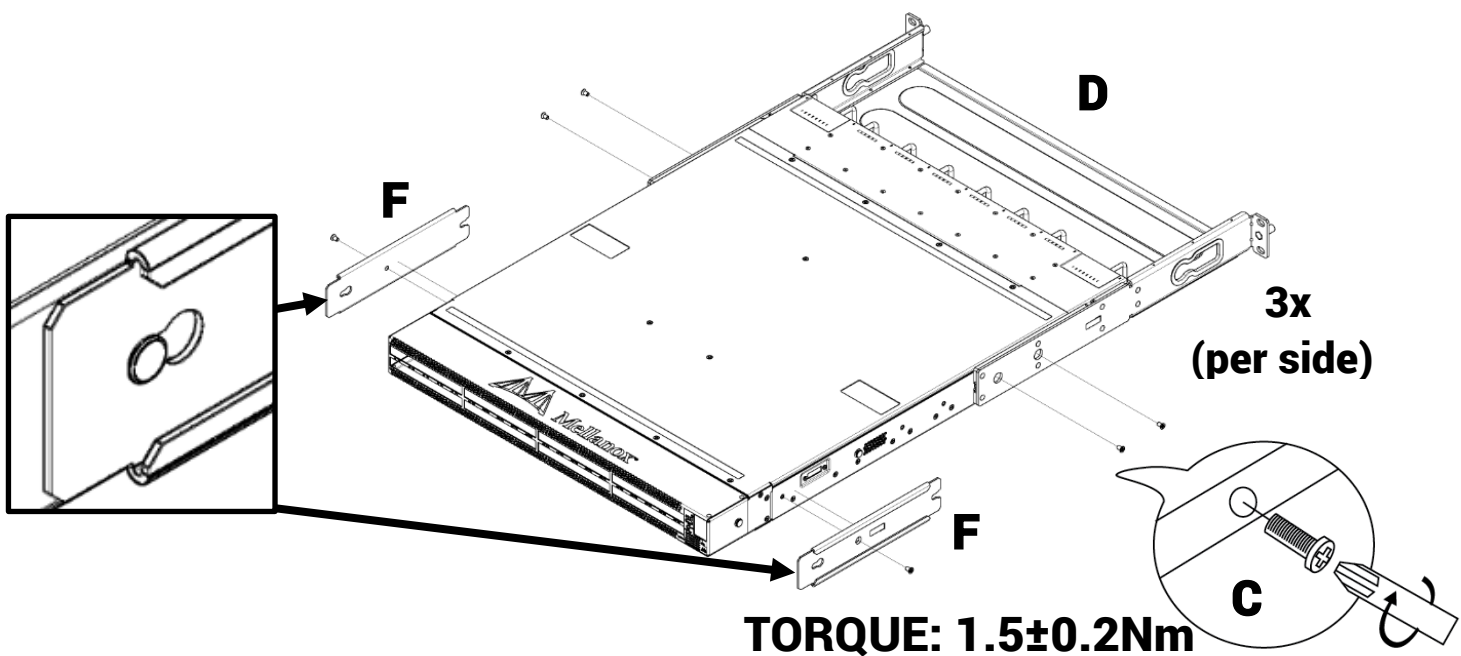***INSTALL THE AIR DUCT UNIT ON THE CHASSIS, AND INSERT THE MUSHROOM INTO THE DESIGNATED SLOTS.**

4

*SLIDE THE SWITCH INWARDS, AND INSERT THE MUSHROOM INTO THE DESIGNATED SLOTS.

D

5

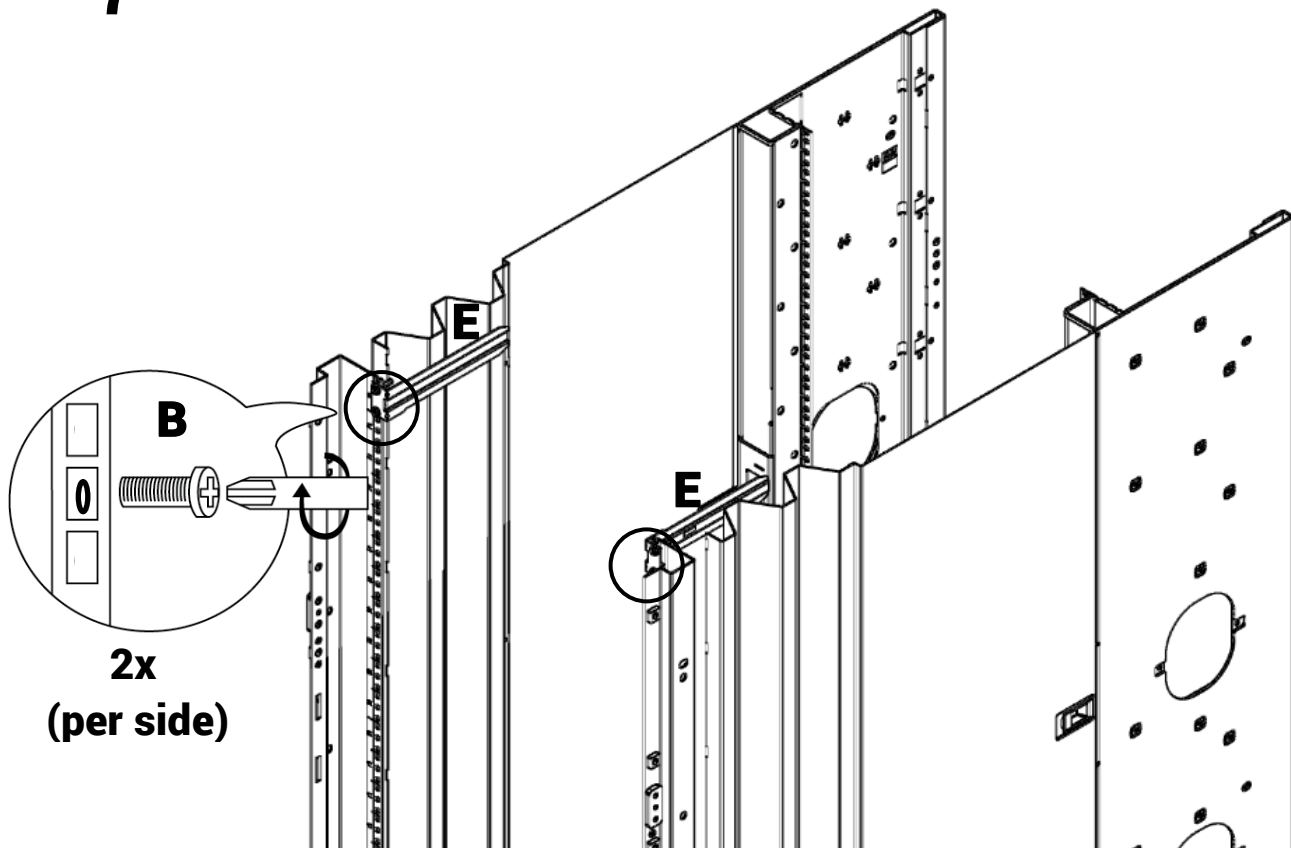***SLIDE THE RAILS ON THE SWITCH, UNTIL THE MUSHROOM IS SITUATED PROPERLY IN THE DESIGNATED SLOTS.**

D

F

F

3x (per side)

C

TORQUE: 1.5±0.2Nm

6

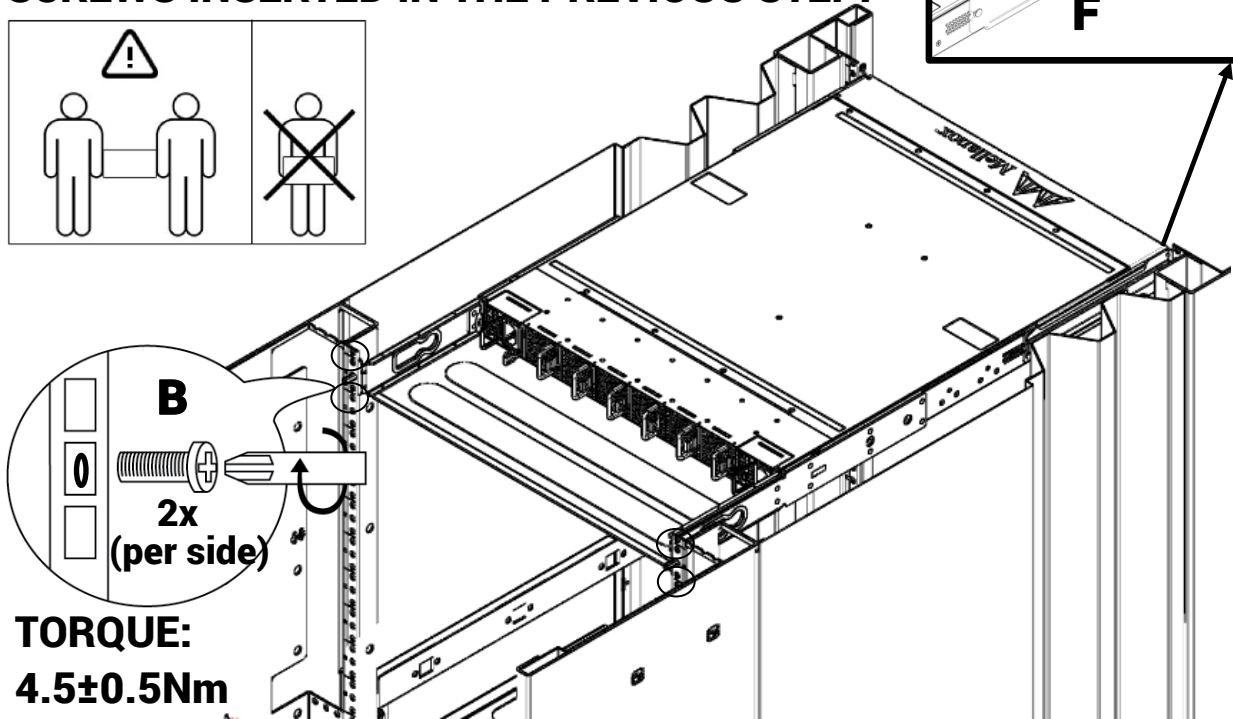## *INSTALL 8 CAPTIVE NUTS (ROUND OR SQUARE), AS SHOWN.
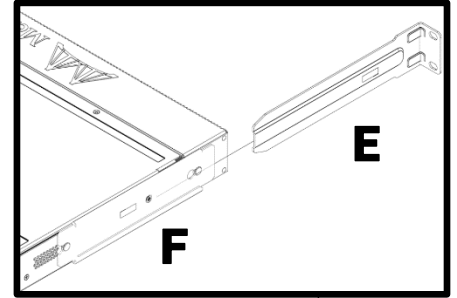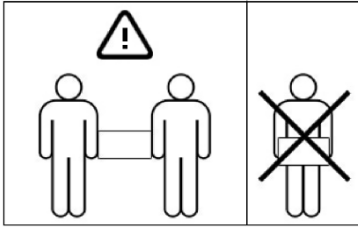
7

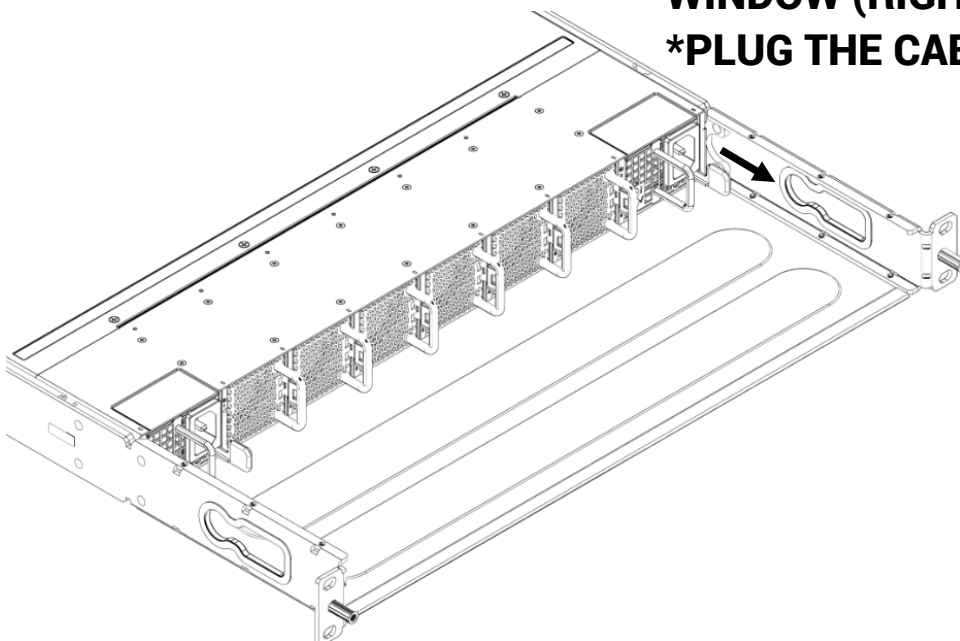
B

**2x
(per side)**

E

E

*DO NOT TIGHTEN THE SCREWS YET.

8

*INSERT AND TIGHTEN 4 SCREWS AS SHOWN BELOW, AND THEN TIGHTEN THE 4 SCREWS INSERTED IN THE PREVIOUS STEP.

E

F

B

2x (per side)
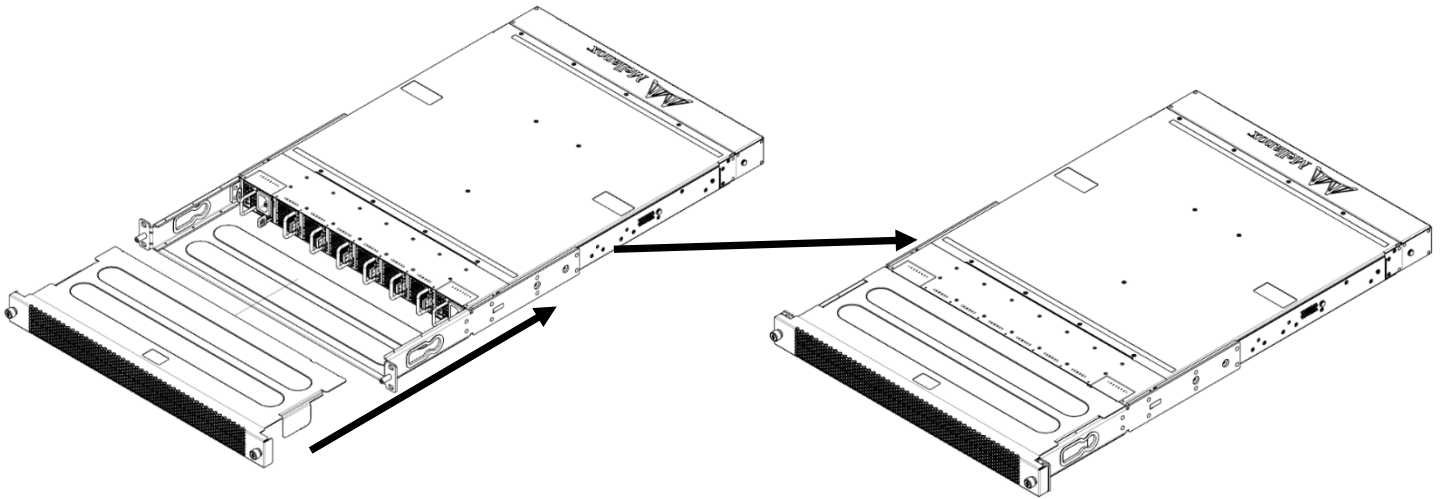
TORQUE: 4.5±0.5Nm

9

*ROUTE THE REQUIRED CABLES THROUGH THE DESIGNATED WINDOW (RIGHT/LEFT/BOTH).
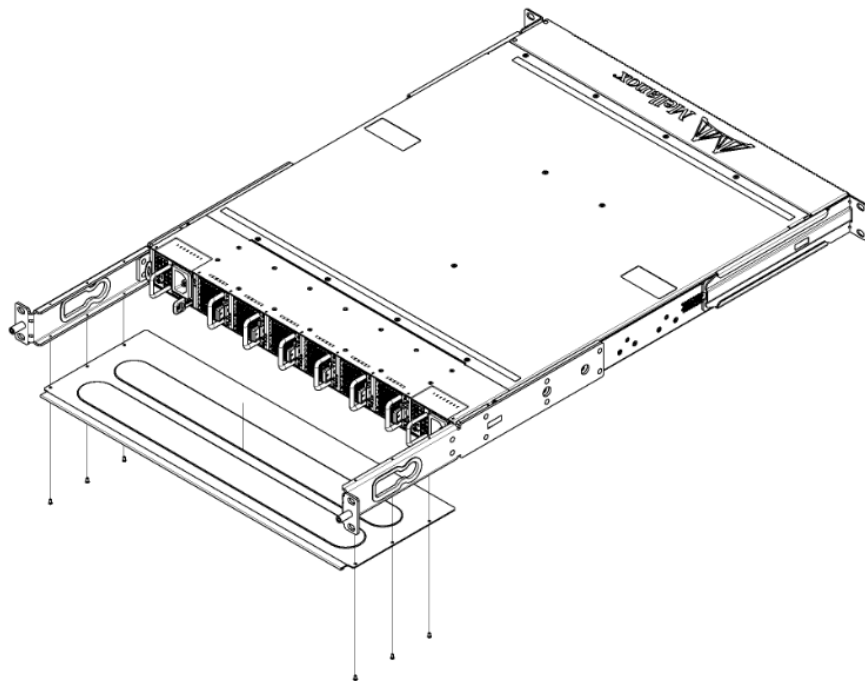***PLUG THE CABLES.**

10

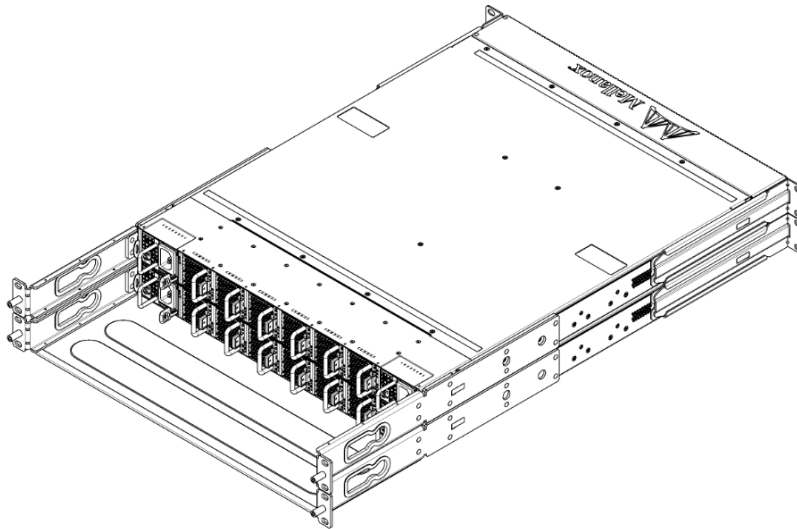***SLIDE THE FRONT PANEL TOWARDS THE SWITCH, AND TIGHTEN THE TWO CAPTIVE SCREWS.**


Stacked Installation (Optional)

- For stacked installation of adjacent switch assemblies in a rack, the system on top should be installed without its floor, in order to allow easier access to FRUs. To remove the floor, unscrew three screws on each side of the system.

- The two systems in stacked mode are shown in the following figure:

  - Slide the front panels towards the switches, and tighten the captive screws.
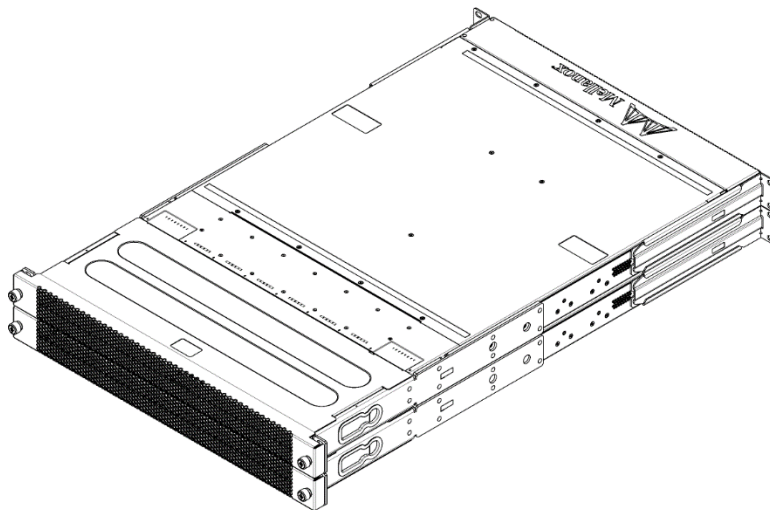
For full installation instructions, go to -->Products->InfiniBand/VPI Switch Systems

A C C 0 0 1 4 6 5 - 0 0