




Eaton 9155 8-15 kVA UPS Seismic Kit Installation Instructions

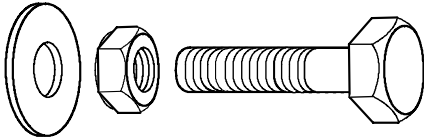
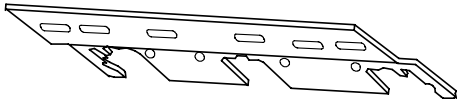
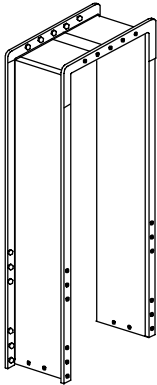
The Eaton® 9155 seismic kit is rated for Zone 4 seismic installations and is available for 2-high and 3-high cabinets. Use these instructions to install seismic mounting brackets to secure the Uninterruptible Power Supply (UPS) to the facility floor.

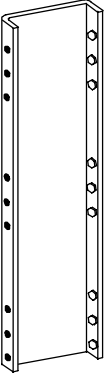
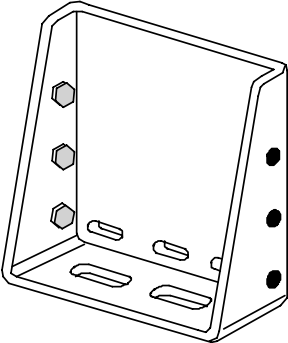

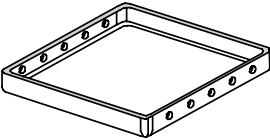


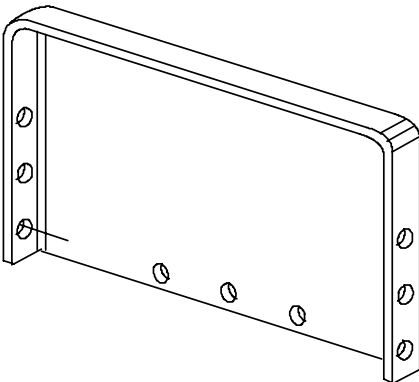

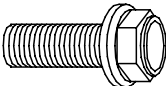
**NOTE** Refer to the applicable installation and operation manual supplied with UPS for dimensions and required clearances.

NOTICE

Due to facility floor variances, the customer is responsible for the appropriate floor-mounting hardware. Eaton recommends M10 Class 8.8 bolts, tightened to 42 Nm (31 lb ft).

Hardware	Seismic Kit Parts		Tightening Torque
	2-High	3-High	
	4	4	68 Nm (50 lb ft)
	2	2	-
	2	2	-

Hardware		Seismic Kit Parts		Tightening Torque
		2-High	3-High	
	Extension brackets	-	4	-
	Base supports	4	4	-
	Shims	4	Not Used	-
	Top Support Bracket	1	1	-

Hardware	Seismic Kit Parts		Tightening Torque	
	2-High	3-High		
	Support Bracket	2	4	-
	M6 x 20 mm self-locking hex bolts	34	70	14 Nm (10.3 lb ft)
	M8 x 20 mm self-locking hex bolts	18	18	35 Nm (25.8 lb ft)

DO NOT substitute any hardware. All supplied hardware is rated for Zone 4 seismic installations.

**CAUTION**

A minimum of two people are required to safely tilt and block the cabinet. DO NOT tilt the cabinet more than 10° from vertical.



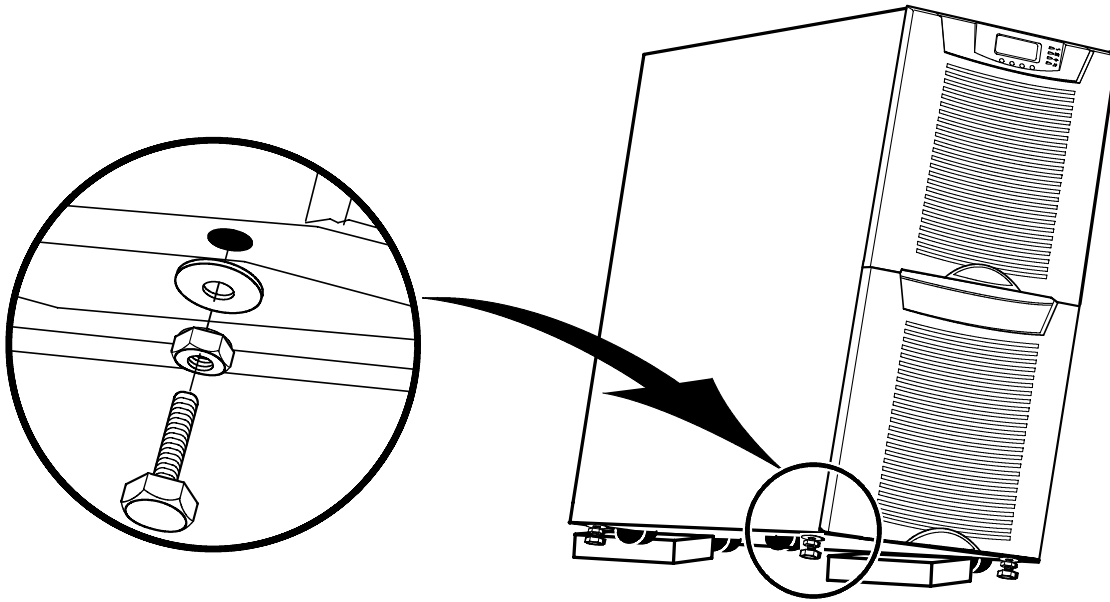
The following tools are required for installation:

- M8 socket driver
- M6 socket driver
- M10 socket driver

To install the seismic kit:

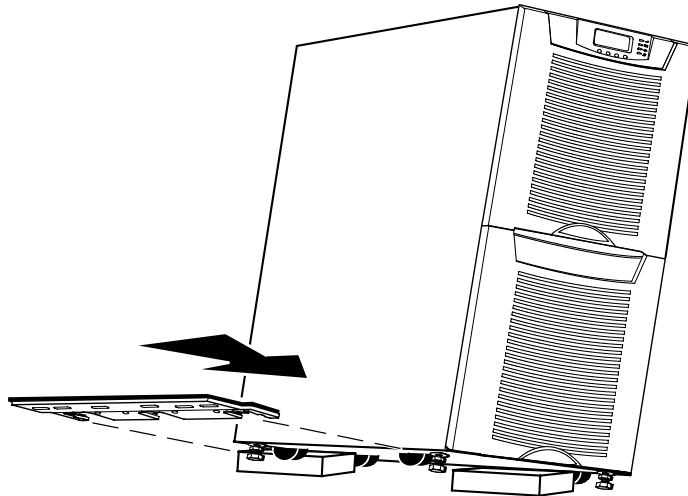
1. Using the appropriate 2-high or 3-high cabinet template, drill holes into the concrete floor. Size the holes for the type of customer-supplied hardware being used to secure the bracket to the floor.
2. Move the cabinet into its final position.
3. Tilt and block the UPS to access the leveling feet on one side (see [Figure 1](#)).
4. Replace the two leveling feet with an M10 hex bolt, stop nut, and washer. Do not tighten. Discard the original leveling feet.

**Figure 1. Replacing the Leveling Feet**



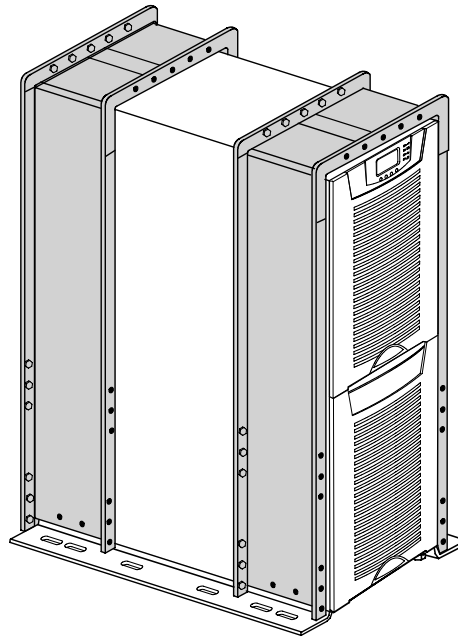
5. Slide the base bracket onto the seismic leveling feet above the washer (see [Figure 2](#)).

**Figure 2. Installing the Base Bracket**



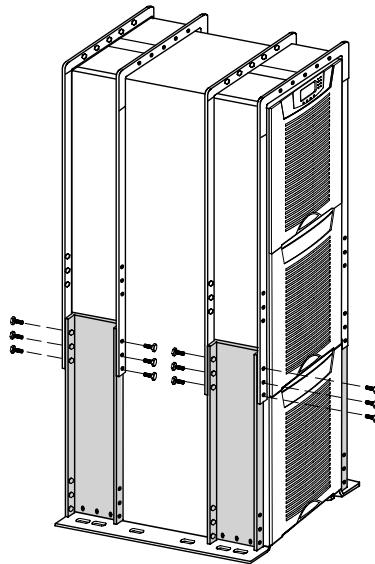
6. Remove the blocks from underneath the cabinet.
7. Tighten the seismic leveling feet nuts to secure the base bracket.
8. Repeat Steps 4 through 8 for the other side.
9. Adjust the seismic leveling feet so the cabinet rests firmly on the floor.
10. Place both hold-down brackets across the top of the cabinet (see [Figure 3](#)).

**Figure 3. Hold-Down Brackets**



11. **For 3-high cabinets only.** Using six M6 bolts for each extension bracket, install four extensions to the hold-down brackets (see [Figure 4](#)). Tighten the bolts.

**Figure 4. Installing Extension Brackets (3-High Only)**

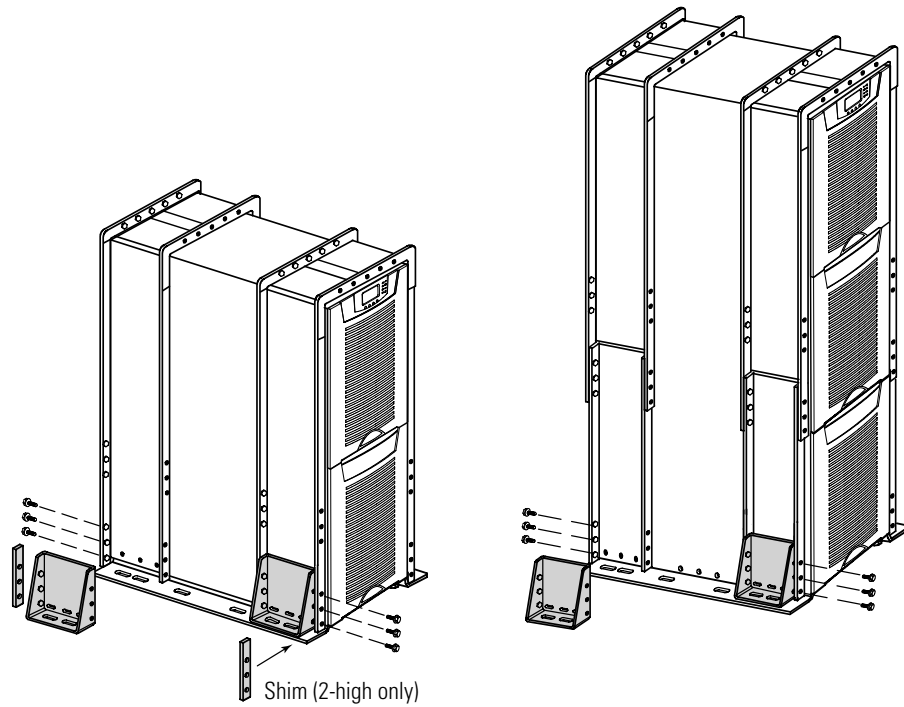


12. Place the base supports inside the rails of the two hold-down brackets (see [Figure 5](#)). Repeat for the other side.

**For 2-high cabinets only.** Install a shim to the inside outer edge of each hold-down bracket.

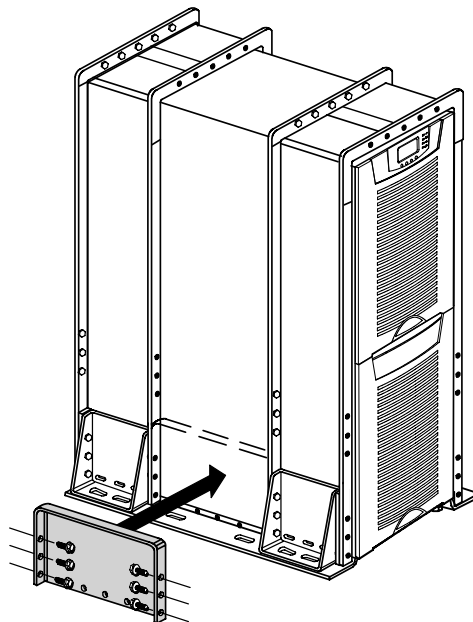
13. Loosely secure the outside edges of the base supports using three M6 bolts. Do not tighten the bolts.

**Figure 5. Installing Base Supports**

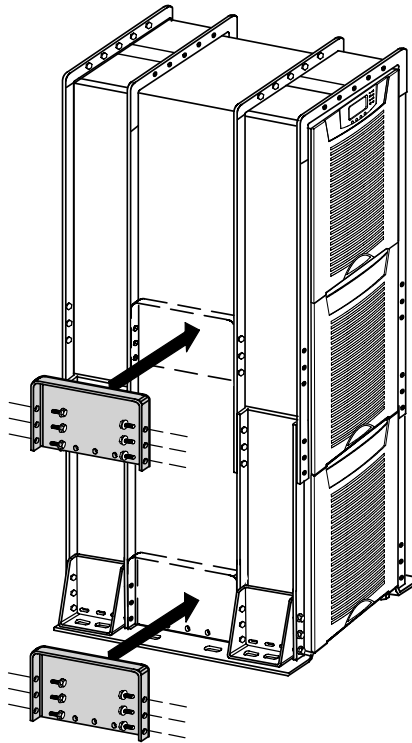


14. Install support brackets on each side using six M6 bolts (see [Figure 6](#) for 2-high cabinets or [Figure 7](#) for 3-high cabinets). Do not tighten the bolts.

**Figure 6. Installing Support Brackets (2-High)**

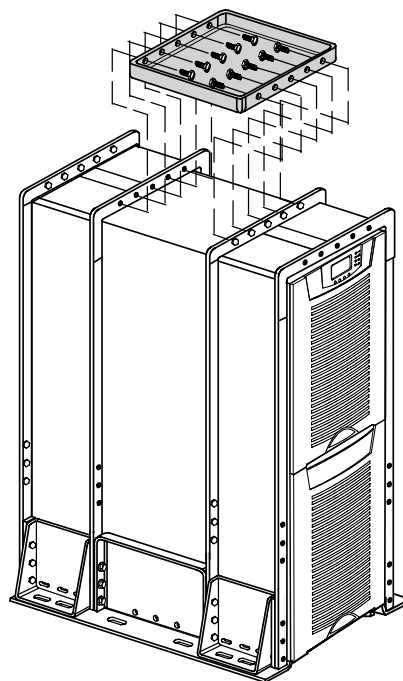


**Figure 7. Installing Support Brackets (3-High)**



15. Install the top support bracket using ten M6 bolts (see [Figure 8](#)). Tighten the bolts.

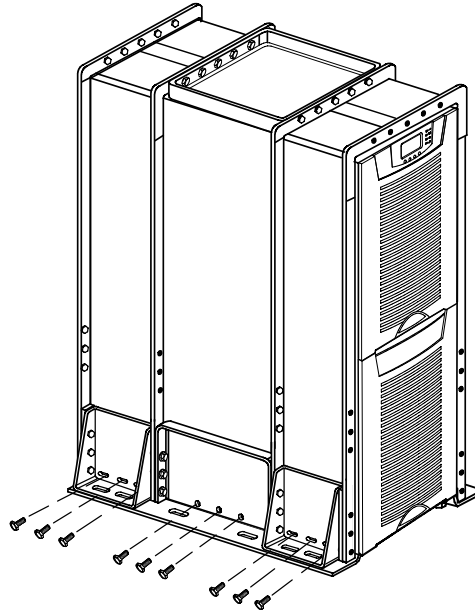
**Figure 8. Installing the Top Support Bracket**





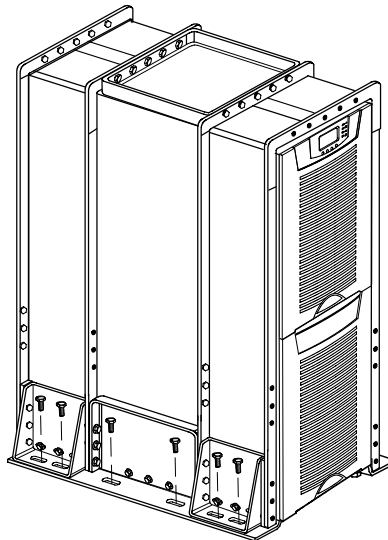
16. Tighten the M6 bolts for the base supports and support brackets (installed in Steps 13 and 14).
17. Install nine M8 bolts to each side of the base (see [Figure 9](#)). Tighten the bolts.

**Figure 9. Securing the Base**



18. Bolt the seismic kit to the floor using customer supplied hardware (6 bolts on each side, see [Figure 10](#)).

**Figure 10. Bolting the Seismic Kit to the Floor**



## Service and Support

If you have any questions or problems with the UPS, call your **Local Distributor** or the **Help Desk** at one of the following telephone numbers and ask for a UPS technical representative.

United States:	<b>1-800-843-9433</b>
Canada:	<b>1-800-461-9166 ext 260</b>
All other countries:	<b>Call your local service representative</b>

Please use the following e-mail address for comments, suggestions, or to report an error in these instructions:

**E-ESSDocumentation@eaton.com**

Please have the following information ready when you call for service:

- Model number
- Serial number
- Firmware version number
- Date of failure or problem
- Symptoms of failure or problem
- Customer return address and contact information

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