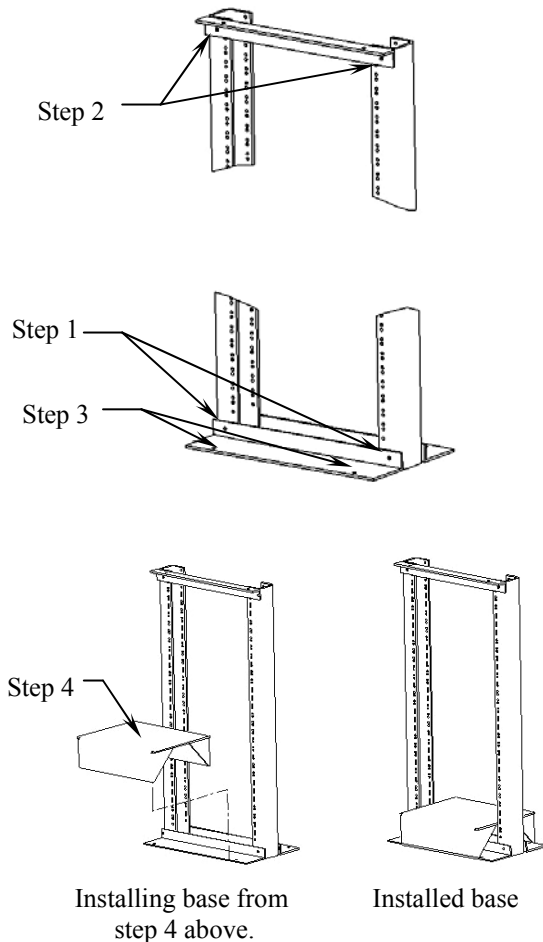


Installation and Setup of a GNB Absolyte IIP/Absolyte GP Non-Seismic Relay Rack System:

Step 1 – Rack Set Up

Assemble the relay rack per rack manufacturer’s instructions. Most typical relay racks are assembled as follows (refer to rack manufacturer’s assembly instructions for further detail):

1. Vertical C-channels are bolted into base angles at bottom of rack (labeled Step 1 below)
2. Small top angle is then bolted into the top of the vertical C-sections as depicted (labeled Step 2 below).
3. Rack structure is then set into location and bolted to the floor (labeled Step 3 below).
4. GNB base plate (purchased with batteries) is then placed over base angles as shown (labeled Step 4 below).



Step 2 – Module Inspection and Storage

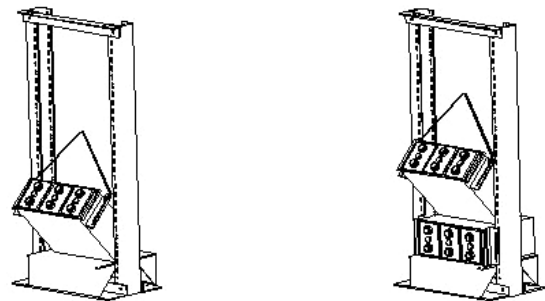
Refer to Sections 3 and 4 of the GNB Absolyte Installation & Operating Manual for instructions in this area.

Step 3 – Unpacking of Modules

Battery modules should be carefully unpacked and checked against the packing slip and bill of material. If batteries are to be stored for any duration prior to installation, packaging materials should not be removed.

Step 4 – Installation of Modules

Modules should be installed as depicted below.



Note: Refer to rack manufacturer’s instructions for assembly hardware description.

Z99-ABSRELAYRACK

REV.	ECO#	DESCRIPTION	DATE	APPROVED
AA		NEW RELEASE		
AB	I0800601	ADDED ABSOLYTE GP REFERENCE	08/02/16	PWM

Step 4 – Installation of Modules
-cont.

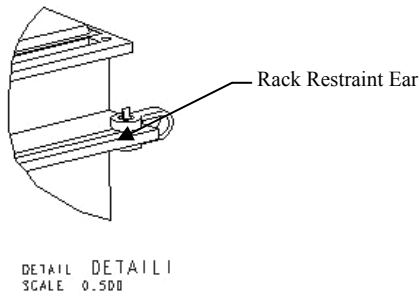
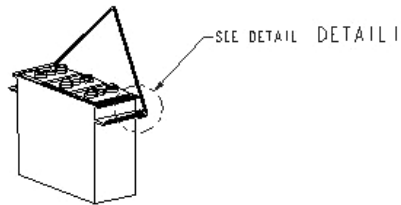
When lifting modules, care should be taken to ensure that they are lifted by the rack restraint ears and not the cover installation ears. The rack restraint ears are the set of ears closest to the back of the module.

Note: 12-24 hardware is standard for 23" relay racks. Should your rack require different size hardware, it will be necessary to procure hardware from a local source after calling the rack supplier for exact hardware requirements.

Step 5 – Wiring the system

Please follow the GNB Absolyte Installation & Operating manual for cleaning of connectors and proper bolt torque specifications.

Follow the wiring diagram included with the battery system when adding connectors to the battery modules.



Battery modules should be bolted to the relay rack using the size 12-24 machine screws and washers provided in GNB kit K17-417266. Each kit contains hardware for one (1) battery module. Therefore, a system made up of six (6) battery modules should contain six (6) rack mounting hardware kits.

