

Service Bulletin
ALN163
Retain for future use.
Rev. A, 11/25/13

CSX Regulator Stacking Kit



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1.0 CSX Regulator Stacking Kit

This service bulletin cover the CSX Regulator Stacking Kit installation procedure.

1.1 Record of Changes

Page	Rev	Description	EC No.	Checked	Approved	Date
All	A	Initial Release		RW		11/21/13

1.2 Safety

This section contains general safety instructions for installing and using ADB Airfield Solutions equipment. Some safety instructions may not apply to the equipment in this manual. Task- and equipment-specific warnings are included in other sections of this manual where appropriate.

1.2.1 To use this equipment safely:



WARNING

Read installation instructions in their entirety before starting installation.

- Refer to the FAA Advisory Circular AC 150/5340-26, Maintenance of Airport Visual Aids Facilities, for instructions on safety precautions.
- Observe all safety regulations. To avoid injuries, always disconnect power before making any wiring connections or touching any parts. Refer to FAA Advisory Circular AC 150/5340-26.
- Become familiar with the general safety instructions in this section of the manual before installing, operating, maintaining or repairing this equipment.
- Read and carefully follow the instructions throughout this manual for performing specific tasks and working with specific equipment.
- Make this manual available to personnel installing, operating, maintaining or repairing this equipment.
- Follow all applicable safety procedures required by your company, industry standards and government or other regulatory agencies.
- Install all electrical connections to local code.
- Use only electrical wire of sufficient gauge and insulation to handle the rated current demand. All wiring must meet local codes.
- Route electrical wiring along a protected path. Make sure they will not be damaged by moving equipment.
- Protect components from damage, wear, and harsh environment conditions.
- Allow ample room for maintenance, panel accessibility, and cover removal.
- Protect equipment with safety devices as specified by applicable safety regulations.
- If safety devices must be removed for installation, install them immediately after the work is completed and check them for proper functioning prior to returning power to the circuit.

1.2.1.1 Additional Reference Materials:

- NFPA 70B, Electrical Equipment Maintenance.
- NFPA 70E, Electrical Safety Requirements for Employee Workplaces.
- ANSI/NFPA 79, Electrical Standards for Metalworking Machine Tools.
- OSHA 29 CFR, Part 1910, Occupational Health and Safety Standards.
- National and local electrical codes and standards.

1.2.2 Qualified Personnel

The term **qualified personnel** is defined here as individuals who thoroughly understand the equipment and its safe operation, maintenance and repair. Qualified personnel are physically capable of performing the required tasks, familiar with all relevant safety rules and regulations and have been trained to safely install, operate, maintain and repair the equipment. It is the responsibility of the company operating this equipment to ensure that its personnel meet these requirements.

Always use required personal protective equipment (PPE) and follow safe electrical work practices.

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1.3 CSX Regulator Kit Installation

Tools required to complete all steps:

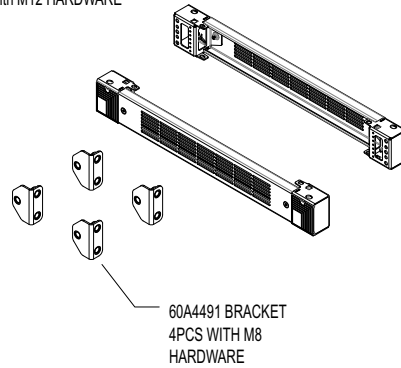
- A. 4mm Allen Key
- B. 8mm Allen Key
- C. 1/2" or 13mm socket, 3/8" drive
- D. 3/8" drive ratchet
- E. 3" long extension, 3/8 drive

1. Account for all parts as shown in Figure 1.

Figure 1: Kit Parts

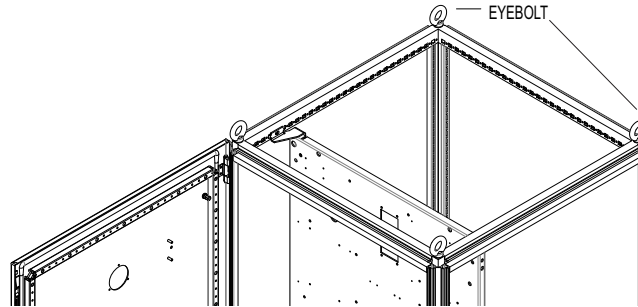
85A0116 VENTED PLINTH SET
 with M12 HARDWARE

64A1021/16	M8 HEX BOLT SS X 16MM LG	EA	8
66A0039/8	5/16 EXT LOCKWASHER	EA	8



2. Remove 4 eyebolts from bottom regulator. Retain all hardware.

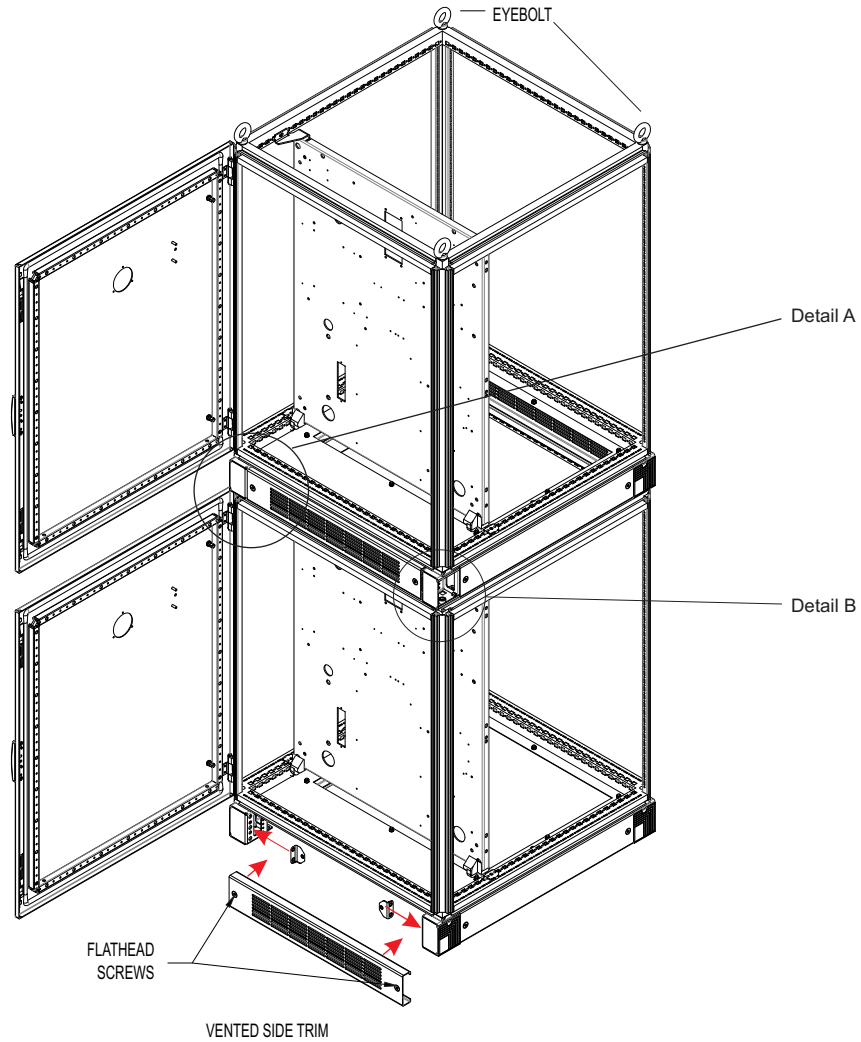
Figure 2: Bottom Regulator



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3. Carefully stack top regulator onto bottom regulator.
4. Bolt the top regulator to the bottom regulator with the M12 bolts and washers supplied with 85A0116 KIT.
5. Attach the 60A4491 brackets to the existing (4) corners as show in Detail A with the supplied M8 hardware. See Figure 4.

Figure 3: Stacked Regulators



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Figure 4: Detail A

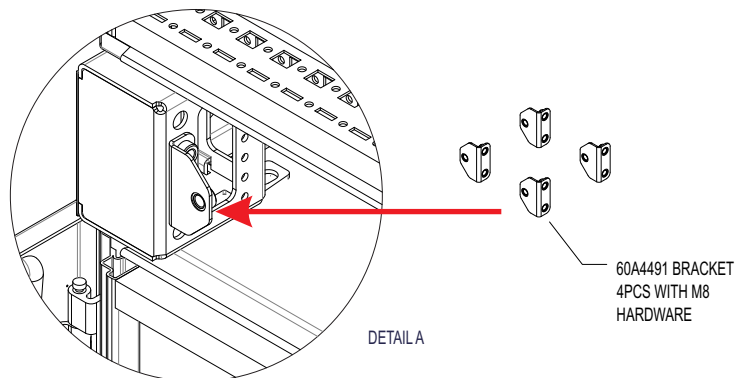
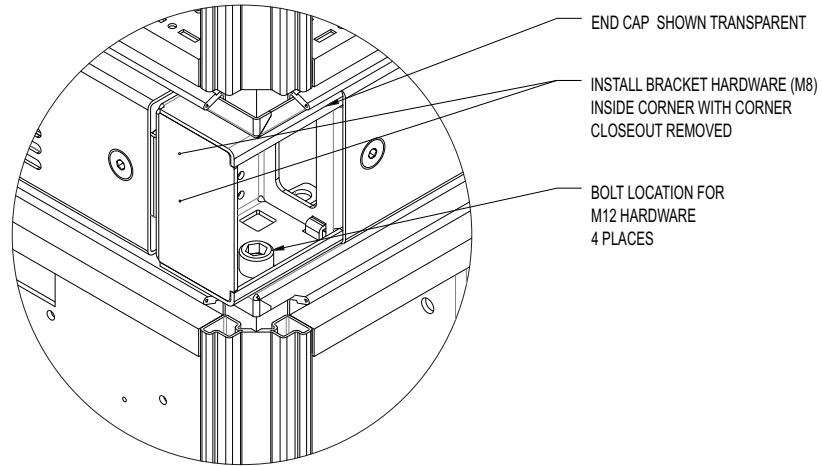
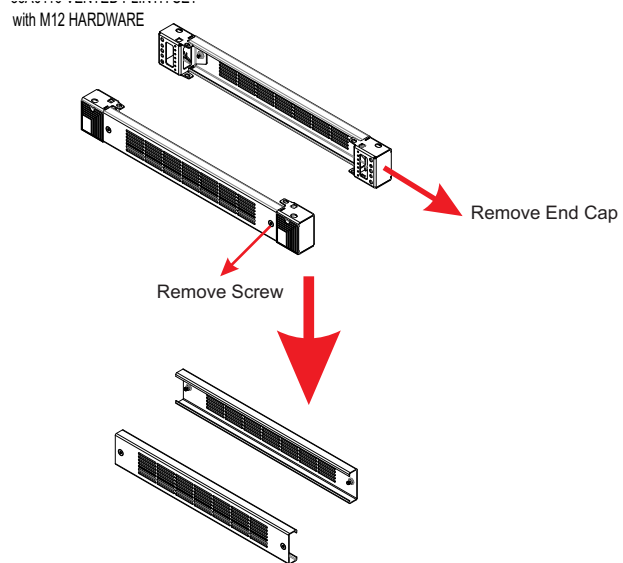


Figure 5: Detail B



6. Remove end caps from vented plinth:
Back the flathead screws out with an M4 Allen Key.

Figure 6:



7. Assemble the vented side trim to the front and rear of the stack with the existing flat head screws.
 8. Replace corner closeouts.
- This completes the installation of the kit.

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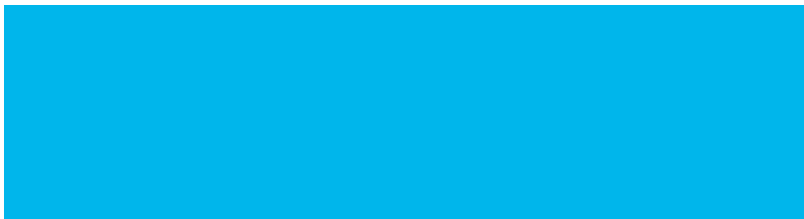
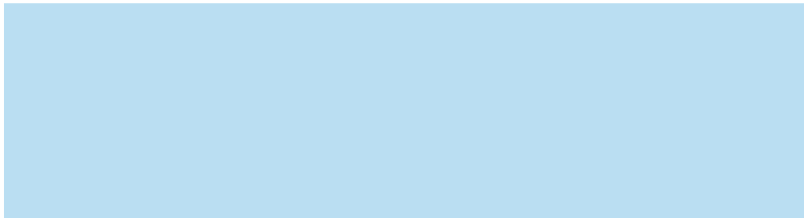
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