

**ED-6C157-30 FRAMEWORK HARDWARE
DSX-1/1C AND DIXI SYSTEMS
INSTALLATION PROCEDURES FOR
ENDGUARDS AND EXTENSIONS**

General

This instruction sheet provides procedures for installing the ED-6C157-30 endguards and endguard extensions. These endguards and extensions are used to protect and finish the end of a lineup. This hardware is used for 15-inch (381 mm) and 18-inch (457 mm) deep lineups. These framework hardware piece parts are used with the DSX-1/1C Systems (**Bantam Plus™** and 800- and 900-Series) and the Digital Interconnect and Cross-Connect Interface Systems (DIXI-1 and DIXI-3).

How to Contact Us

- To find out more about **Carrier Apparatus** products, visit us on the web at: <http://cw.commscope.com/>
- For technical assistance regarding Carrier Apparatus products: contact your local CommScope account representative or CommScope technical support at 1-800-344-0223.
- Report any missing or damaged parts to CommScope customer service in Omaha, Nebraska, at 1-866-539-2795.

References

- 365-301-120 — *800-Series and 900-Series DSX-1/1C, System Reference Guide*
- 365-301-125 — **Bantam Plus™** *2DSX-1/1C, System Reference Guide*
- 365-301-121 — *DIXI-1 System, System Reference Guide*
- 365-301-131 — *DIXI-3 System, System Reference Guide*
- ED-6C152-12 — *900-NSD System, Engineering and Ordering*
- ED-6C157-10 — *DSX-1/1C and DIXI System, Framework Engineering, Hardware and Ordering*
- ED-6C157-31 — *DSX-1/1C and DIXI System, Framework Hardware Groups*
- ED-6C156-10 — **Bantam Plus™** *DSX-1/1C System, Engineering and Ordering*
- ED-6C155-10 — *DIXI-1 System, Engineering and Ordering*
- ED-6C155-11 — *DIXI-3 System, Engineering and Ordering*

Tools Required

- Screw-starter
- Flat-blade 0.2-inch (5 mm) wide, 6-inch (152 mm) long screwdriver

Material ID 847 610 474
Instruction Sheet

Ordering Information

| Apparatus Code | Material ID | Description |
|-----------------------|--------------------|--|
| ED-6C157-30 Group 1 | 601 414 857 | 7-foot (2134 mm) tall endguard backplane, endguard cover and associated hardware. Color: blue. |
| ED-6C157-30 Group 34 | 601 423 510 | 2-foot (610 mm) tall endguard extensions—9-foot (2742 mm) tall bay. Color: blue. |
| ED-6C157-30 Group 35 | 601 423 528 | 4-foot 6-inch (1371 mm) tall endguard extensions—11-foot 6-inch (3505 mm) tall bay. Color: blue. |

INSTALLING GROUP 1 ENDCUARD BACKPLANE

1. Install endguard spacer bracket-upper to backside of wide flange of frame with two No. 12-24 by 1/4-inch (5.49 by 6.35 mm) long screws (see Figure 1).
2. Install endguard spacer bracket-lower to backside of wide flange of frame with two No. 12-24 by 1/4-inch (5.49 mm by 6.35 mm) long screws.
3. Loosely install endguard backplane to upper and lower spacer brackets with four No. 12-24 (5.49 mm) screws.
4. Align three brackets-rear to endguard backplane and secure with two No. 12-24 (5.49 mm) screws each. Then secure rear brackets to short flange of frame with two No. 12-24 (5.49 mm) screws each.
5. Tighten all screws.

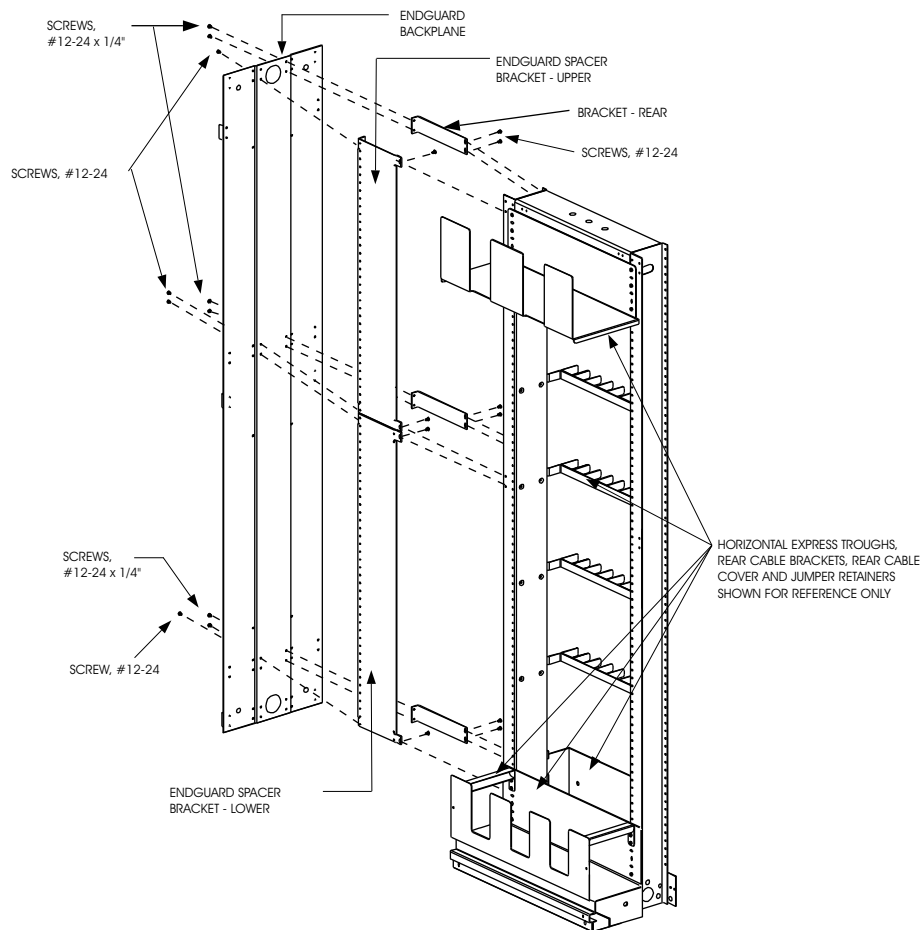


Figure 1. Installing Group 1 Endguard Backplane and Spacer Hardware

INSTALLING GROUP 1 ENDCUARD COVER

1. Install endguard cover and hardware to endguard backplane (see Figure 2).
2. Install corner trim bracket to "L" bracket with No. 12-32 (5.49 mm) screw and No. 10-32 (5.49 mm) acorn nut.
3. Install "L" bracket to lower trough extension bracket with No. 12-32 (5.49 mm) screw and No. 12-32 (5.49 mm) nut.
4. Install lower trough extension bracket to lower endguard spacer bracket with four No. 12-24 (5.49 mm) screws.
5. Install AC trough cover to guard rail cover with one No. 12-24 (5.49 mm) screw.

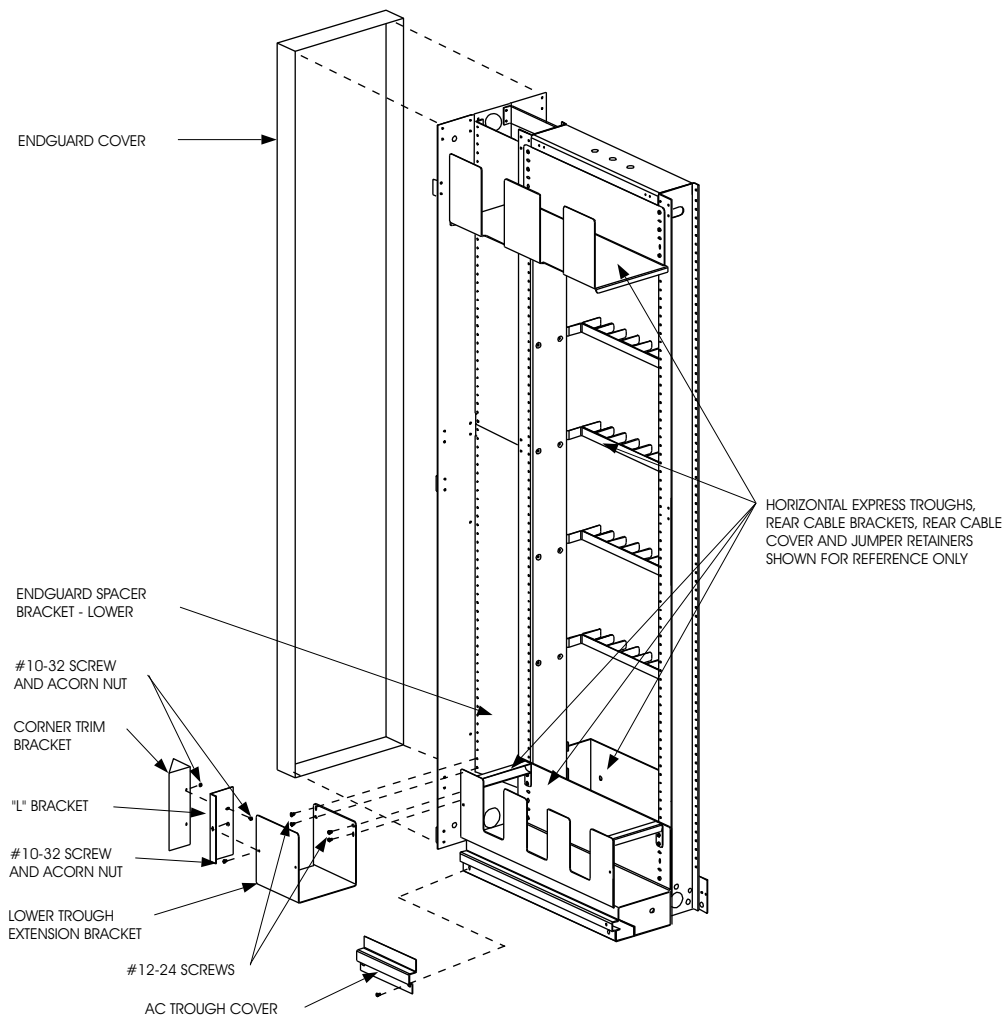


Figure 2. Installing Group 1 Endguard Cover

INSTALLING GROUP 34 AND GROUP 35 ENDGUARD EXTENSIONS

Figure 3 shows Group 34 installation. The Group 35, 4-foot 6-inch (1372 mm) endguard extension is installed in the same way.

1. Determine which front and rear spacing brackets are to be used. Discard the other two sets of brackets.
2. Install endguard spacer bracket-upper to backside of wide flange of frame with two No. 12-24 by 1/4-inch (5.49 mm by 6.35 mm) long screws.
3. Install endguard spacer bracket-lower to backside of wide flange of frame with two No. 12-24 by 1/4-inch long (5.49 mm by 6.35 mm) screws.
4. Loosely install endguard backplane to upper and lower spacer brackets with four No. 12-24 (5.49 mm) screws.
5. Align three brackets-rear to endguard backplane and secure with two No. 12-24 (5.49 mm) screws each. Then secure rear brackets to short flange of frame with two No. 12-24 (5.49 mm) screws each.
6. Tighten all screws.

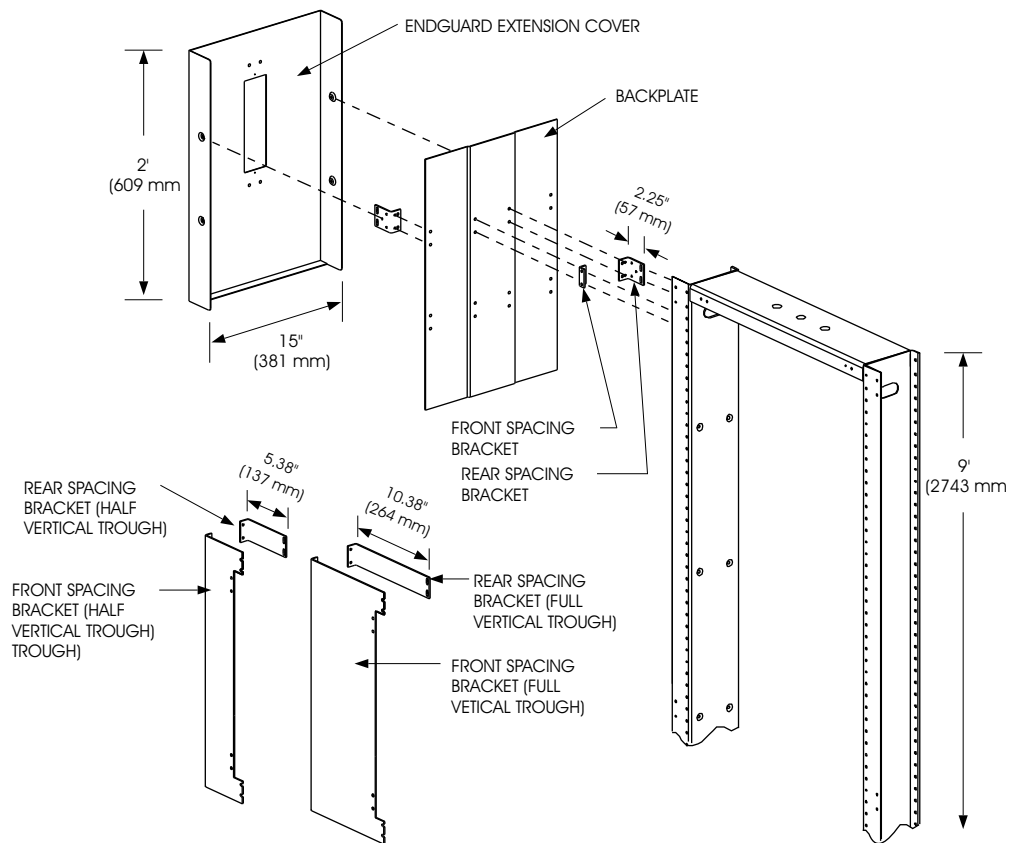


Figure 3. Installing Group 34 and Group 35 Endguard Extensions