



Text Part Number: 78-6294-01

# Release Notes for IGX 8430 Backplane Terminator

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## Introduction

Cisco Engineering discovered a 12-inch unterminated stub on the backplane of the IGX 8430, which caused a small anomaly on the falling edge of the Bus B 16 Mhz clock signal feeding slots 17-20. This clock-signal irregularity sometimes resulted in the false latching of data in those card slots.

The IGX 8430 backplane terminator kit, model number IGX8430-CONNECTOR=, fixes the backplane clocking problem on the IGX 8430. This problem is fixed by inserting a terminator, which connects pins C54 and B54, in backslot 17 of the IGX 8430.

This kit includes:

- A blank backcard inserter
- A terminator
- These release notes

## Instructions

The terminator can be inserted in an operating IGX 8430. If there is a backcard being used in backcard slot 17, the backcard can be removed, the terminator installed, and the backcard replaced. If there is no backcard in slot 17, the blank backcard inserter can be installed with the terminator and left in slot 17.

To install the terminator, follow these steps:

- Step 1** Locate backcard slot 17.
- Step 2** If there is a backcard installed in slot 17, remove it.
- Step 3** Insert the terminator onto the plastic mounting fixture on the back edge of the blank backcard inserter (see Figure 1).

The terminator slides over the mounting fixture and is held in place by two plastic arms. The terminator only fits one way on this mounting fixture; notice that there is a two-inch notch on the mounting fixture which aligns with the small board with pins attached inside the terminator.

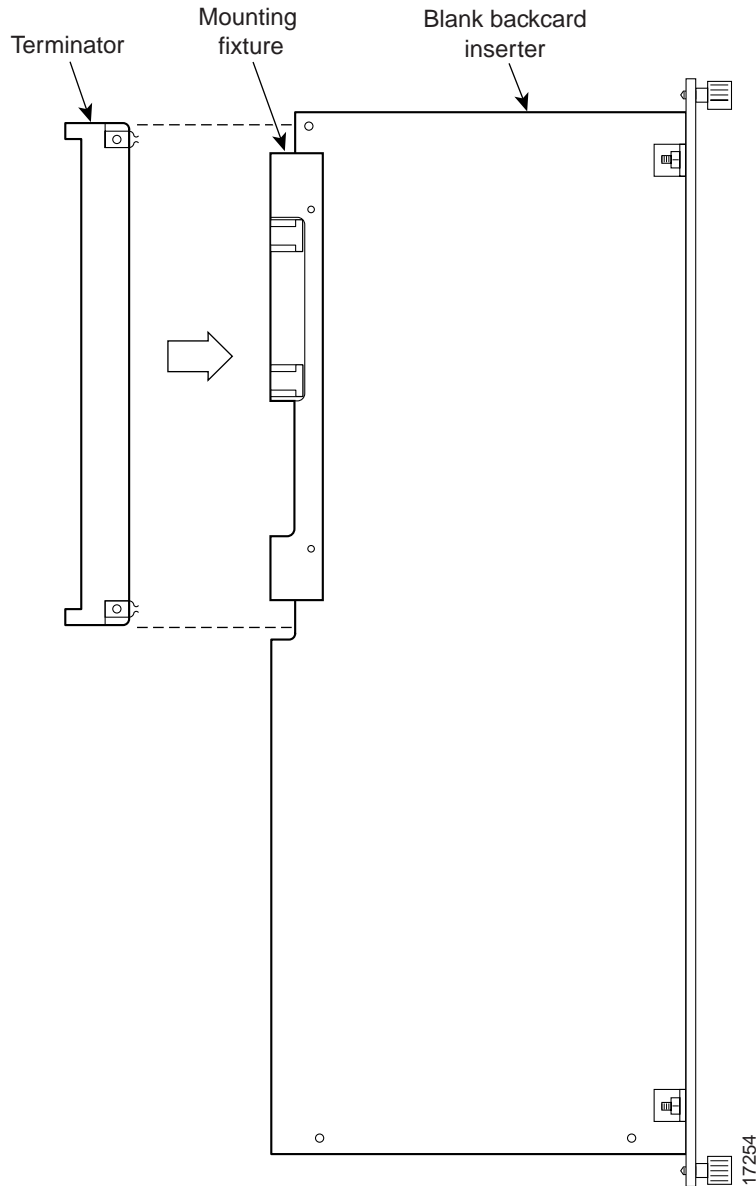
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**Figure 1 IGX 8430 Backplane Terminator and Blank Backcard Inserter**



**Step 4** Slide the blank backcard inserter, with the terminator attached, into backcard slot 17 and press it firmly in place.

**Step 5** If you removed a backcard from slot 17 in Step 2, remove the blank backcard inserter and the terminator will remain attached to the backplane. Install the backcard.

If there was not a backcard in slot 17, secure the blank backcard inserter to slot 17 with the two captive screws on the top and bottom.

After the terminator is installed, there will not be any traffic discards or diagnostic failures, caused by the anomaly in the clock signal, in slots 17 to 20.

## Related Documentation

Detailed information about the IGX 8430 is contained in the following manuals:

- *Cisco IGX 8400 Series Installation*
- *Cisco IGX 8400 Series Reference*

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