



# Recycling Front Mezzanine Module Components

This chapter includes the following topics:

- [Front Mezzanine Recycling Overview, on page 1](#)
- [Recycling the Component PCB Assemblies \(PCBAs\), on page 1](#)

## Front Mezzanine Recycling Overview

This chapter documents the procedures to disassemble key front mezzanine components for recycling and e-waste. When recycling your Cisco UCS hardware, always make sure to follow local e-waste and recycling regulations.



---

**Note** **For Recyclers Only!** The procedures in this chapter are not standard field-service options. These procedures are for recyclers who will be reclaiming the electronics for proper disposal to comply with local eco design and e-waste regulations.

---

To disassemble compute node component parts, see the following topics:

- [Recycling the Front Mezzanine Module PCBA, on page 1](#)

## Recycling the Component PCB Assemblies (PCBAs)

The front mezzanine module, some key components also contain PCBAs that need to be recycled. Always comply with your local regulations governing recycling and e-waste.

Use the following procedures to recycle the appropriate components.

- [Recycling the Front Mezzanine Module PCBA, on page 1](#)

## Recycling the Front Mezzanine Module PCBA

The front mezzanine module contains one PCBA, which sits horizontally and connects the drive backplane to the main motherboard. The PCBA is attached to the front mezzanine module's sheetmetal by four T8 screws.

You must disconnect the PCBA from the sheetmetal before recycling the PCBA.

**Before you begin**

**Note** **For Recyclers Only!** This procedure is not a standard field-service option. This procedure is for recyclers who will be reclaiming the electronics for proper disposal to comply with local eco design and e-waste regulations.

To remove the printed circuit board assembly (PCBA), the following requirements must be met:

- The compute node must be removed from the chassis.
- The compute node's top cover must be removed.

Gather the following tools:

- A T8 Torx screwdriver
- A #2 Phillips screwdriver

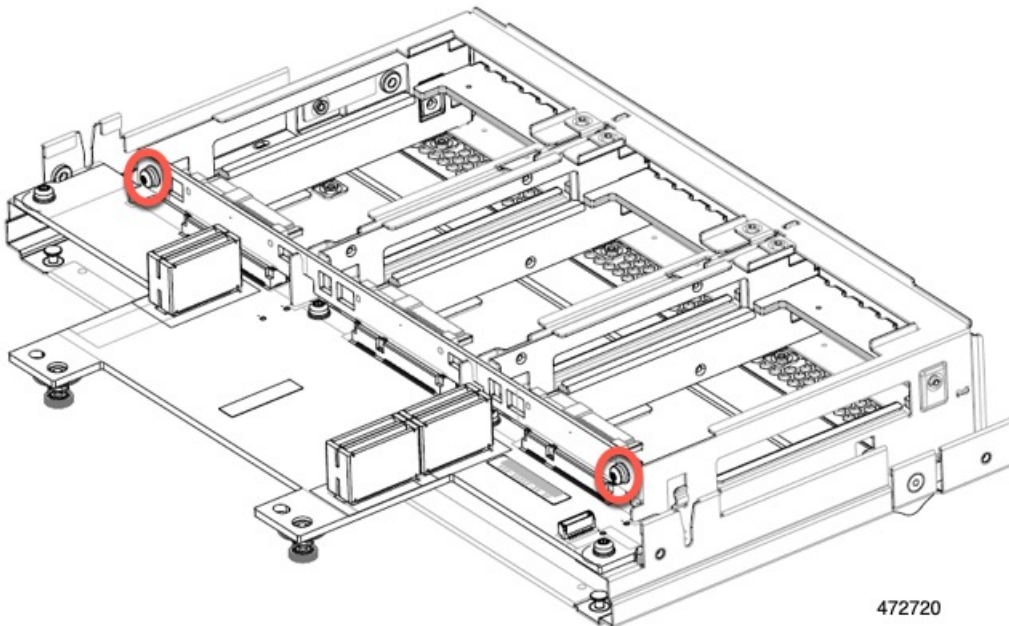
**Procedure**

**Step 1** Remove the front mezzanine module from the compute node.

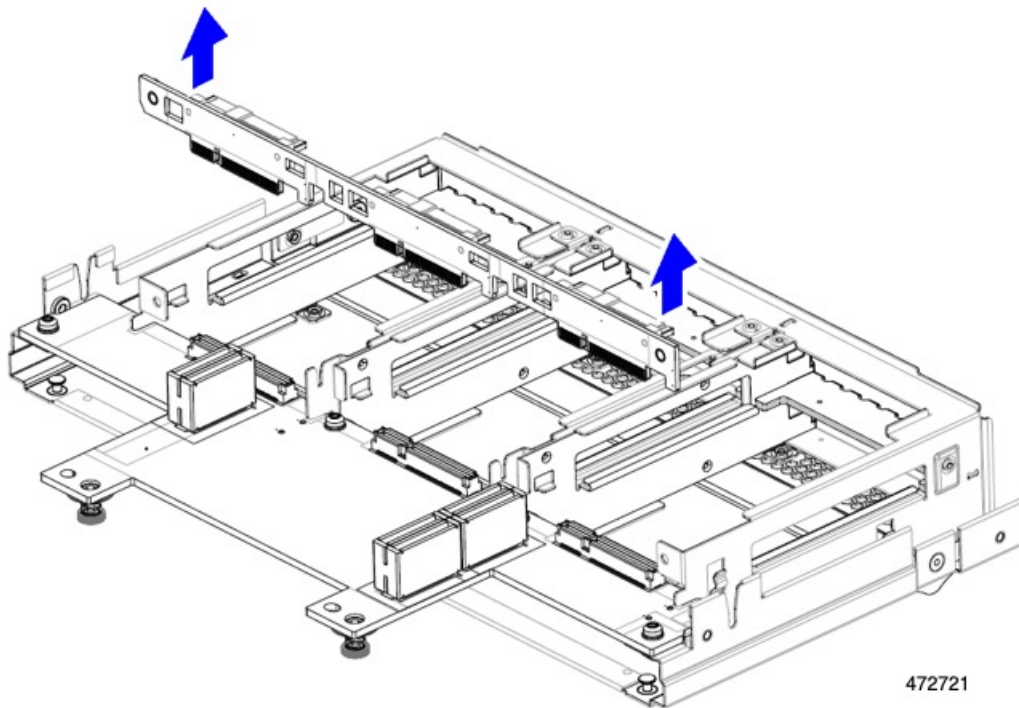
- a) Go to [Removing the Front Mezzanine Module](#).
- b) Place the front mezzanine module upside down on a rubberized mat or other ESD-safe work surface.

**Step 2** Disconnect the drive backplane.

- a) Using a #2 Phillips screwdriver, remove the two screws on the drive backplane.

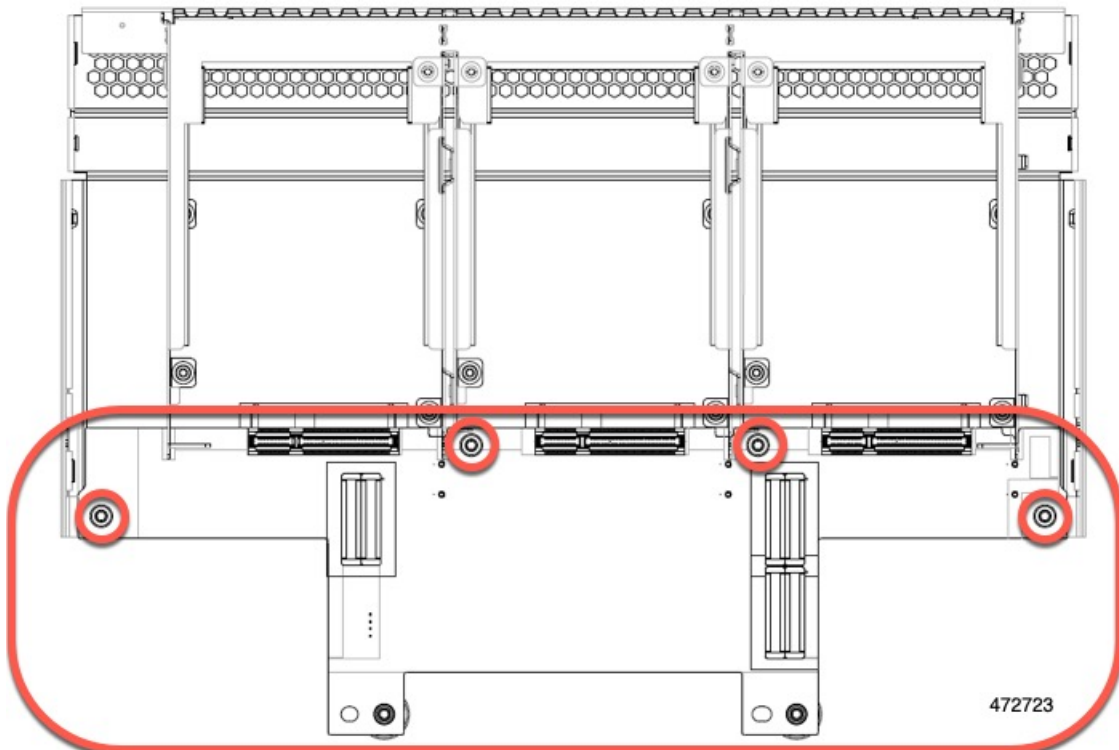


- b) Grasp the drive backplane and lift it off of the sheetmetal frame.

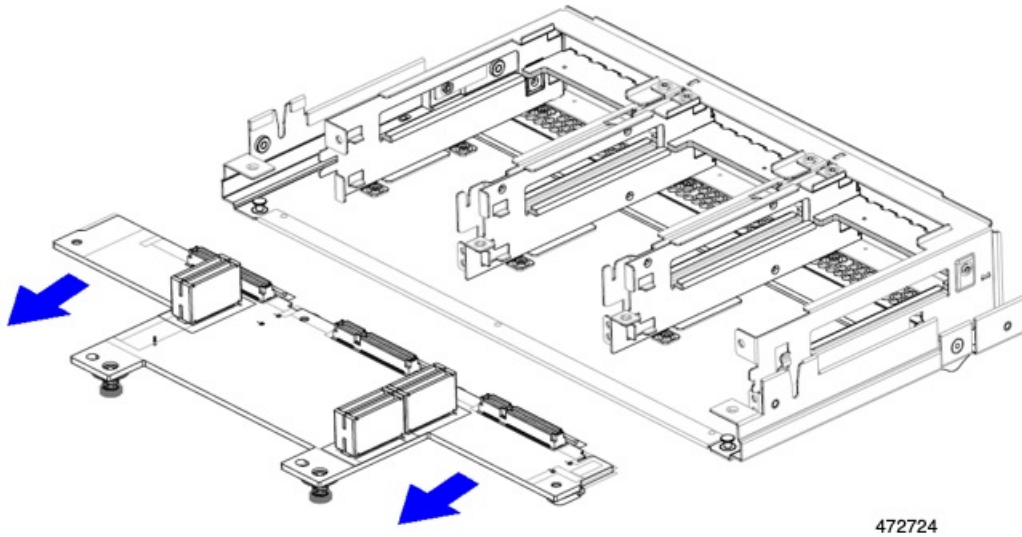
**Step 3**

Disconnect the PCBA from the sheetmetal frame.

- a) Locate the PCBA and use a T8 Torx screwdriver to remove the four screws that secure the PCBA to the sheetmetal frame.



- b) Grasp the PCBA and detach it from the front mezzanine module.



**Step 4** Dispose of the PCBA properly in accordance with your local recycling and e-waste laws.

---