

This document outlines how to replace the Exhaust Fan Module in the ULTRIX-FR12 chassis.



Caution — When servicing or moving equipment, always observe safe handling practices. Follow all safety rules of your workplace.



ESD Susceptibility — Static discharge can cause serious damage to sensitive semiconductor devices. Avoid handling circuit boards in high static environments such as carpeted areas and when synthetic fiber clothing is worn. Always exercise proper grounding precautions when working on circuit boards and related equipment.

Required Equipment

You will need:

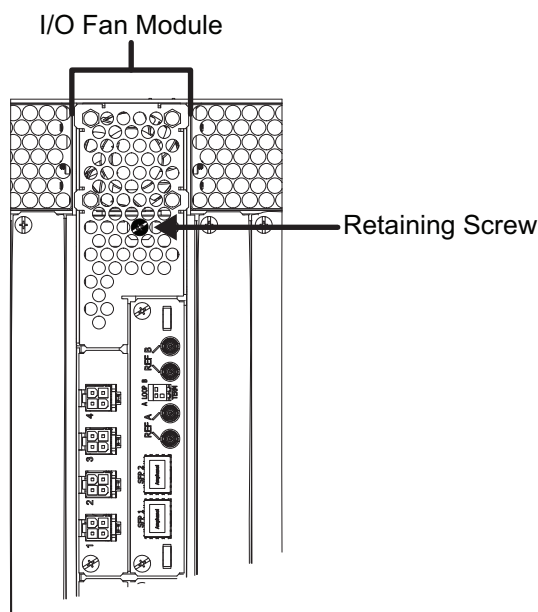
- an Ultrix-FR12-EXFAN Replacement Kit
- a #1 Phillips screwdriver

Removing the Failed Exhaust Fan Module

The Exhaust Fan Module is centrally located on the rear panel, near the top of the chassis. Replacing the Exhaust Fan Module requires you to first loosen the retaining screw on the module, and then remove the failed module from the chassis.

To remove the failed Exhaust Fan Module

1. Locate the Exhaust Fan Module on the back panel of the ULTRIX-FR12 chassis.
2. Make a note of the module orientation. This will help with positioning and installing the new module.
3. Locate the retaining screw on the module faceplate.

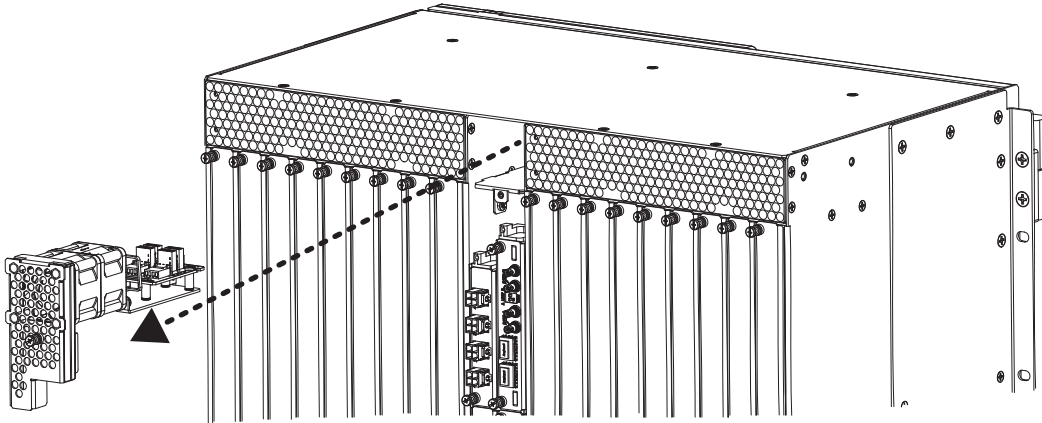


4. Use a #1 Phillips screwdriver to loosen the retaining screw.

- Using both hands, slide the module towards you until it is fully disengaged from its slot.



Caution — Remove the module without twisting or rotating it.



Installing the New Exhaust Fan Module

Installing a new Exhaust Fan Module requires you to slide the module into its chassis slot, and then affix it using the retaining screw on the module faceplate.

To install the new Exhaust Fan Module

- Align the new Exhaust Fan Module in the slot inside the chassis.
 - Gently push the Exhaust Fan Module into the slot until the module is fully seated. You will feel the back connector of the module engaged with its connector inside the chassis.
 - Use the retaining screw to affix the Exhaust Fan Module to the chassis.
- ★ Use approximately 4 to 5 in-lbs of torque to tighten the screw.



Caution — The Exhaust Fan Module includes a connector that must be fully seated. The Exhaust Fan Module retaining screw is required to ensure proper contact.