

Installing an Expansion Module in the SSR 2000



Warning: Before performing any upgrade or installation procedures, ensure that the SSR 2000 is powered off and that you are properly grounded to avoid electrostatic discharge while working inside the SSR 2000's chassis.

It may be necessary at some point for you to upgrade or replace your SSR 2000's expansion module(s) after receiving your SSR 2000 from Cabletron. You can install any of the available expansion modules in either of the SSR 2000's expansion slots.

Note: You can also reference material on installing an expansion module in the *SmartSwitch Router 2000 Getting Started Guide*.

To install an expansion module:

1. Ensure that the SSR 2000 is powered off.
2. If your SSR 2000 is equipped for rackmountability, use the phillips-head screwdriver to remove the mounting brackets from each side of the SSR 2000.
3. Take off the SSR 2000's top cover.
 - a. Use the phillips-head screwdriver to remove the four mounting screws (two on each side of the router, front and back) that hold the top cover on the SSR 2000.

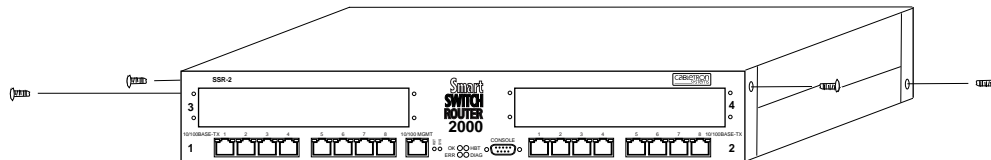


Figure 1. Removing the SSR 2000's cover

- b. Slide the cover away from the front of the SSR 2000 about 1/2", then lift it away from the SSR 2000.
4. Use the phillips-head screwdriver to remove the four mounting screws in the existing face plate or cover plate corresponding to the expansion slot where you plan to install the expansion module. Be sure not to damage or remove the conductive tape on the inside of the chassis, both above and below the expansion slot opening. (See [Figure 2](#), below.)

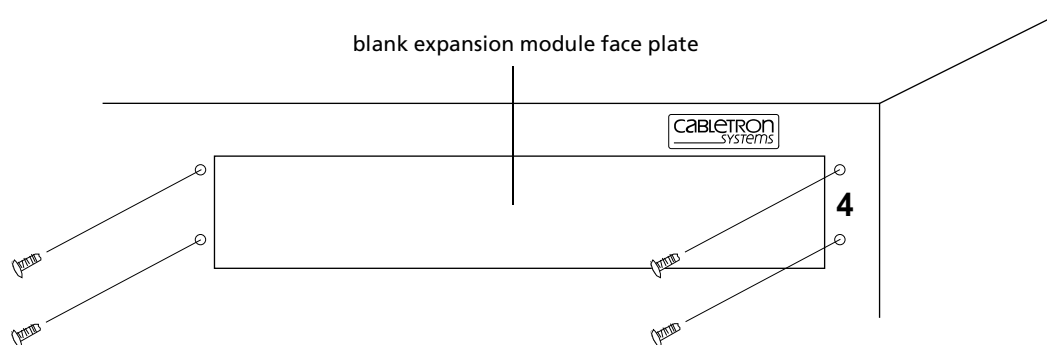


Figure 2. Removing a face plate or cover plate (view from outside chassis)

5. From the inside of the chassis, line up the four holes in the expansion module's face plate with the corresponding holes around the empty expansion slot in the chassis, and use the phillips-head screwdriver to tighten the screws (from the front) on each side of the expansion module's face plate to affix it to the chassis. (See [Figure 3](#), below.)

Note: You will probably have to gently push the expansion module's face plate down while lining up the first of the screws. The grounding fingers for the 10/100BASE-TX module that sits immediately below the empty expansion slot protrude upwards to make contact with the bottom of the face plate.

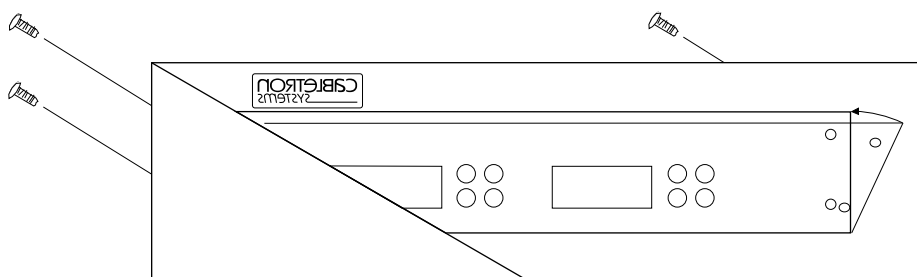


Figure 3. Installing the new face plate (view from inside chassis)

6. This step applies *only* if you are installing a 100 Base-FX module (part number SSR-2-FX). In order for the 100 Base-FX module to be aligned properly in the SSR 2000's chassis, 5-millimeter extensions must be attached to the six standoffs holding the module in place on the SSR 2000's motherboard.

Figure 4 illustrates how the extensions are attached onto the standoffs on the SSR 2000's motherboard.

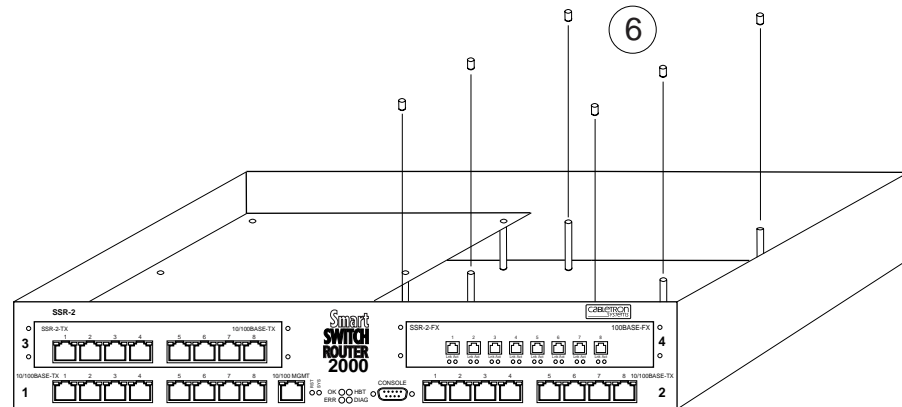


Figure 4. Attaching 5-mm extensions to the standoffs on the SSR 2000 motherboard (necessary only when installing an SSR-2-FX module)

7. Insert the expansion module from the top and ensure that it makes maximum surface contact with its face plate.
8. Line up the two screw holes at the back of the expansion module and connect the female stacking connector at the back of the expansion module to the male stacking connector on the SSR 2000's motherboard.



Warning: The female and male stacking connectors for the expansion modules are not keyed, so it is possible to misalign the connection. Ensure that *all* pins fit properly into the female stacking connector on the expansion module before applying power to the SSR 2000.

9. Use the phillips-head screwdriver to tighten all six screws that will hold the expansion module in place in the SSR 2000's chassis.

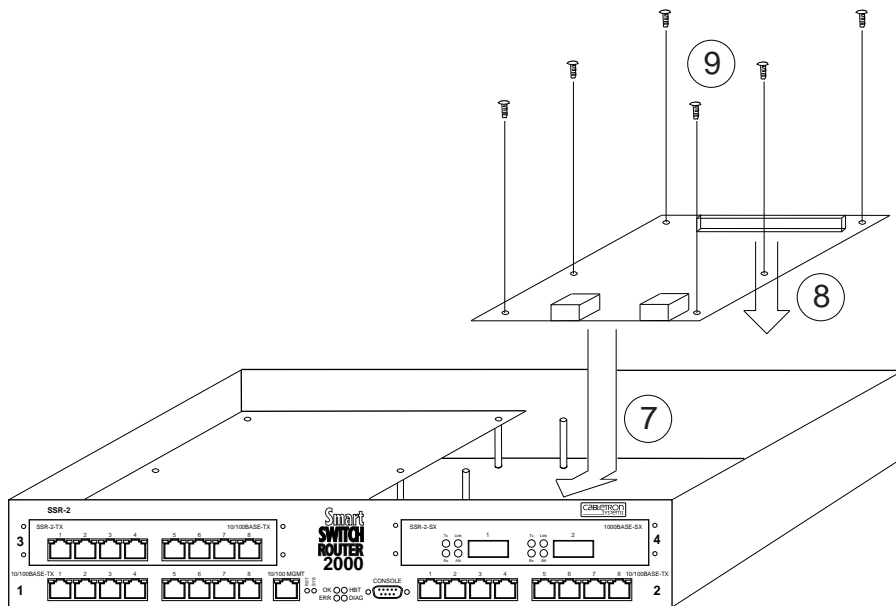


Figure 5. Installing an expansion module

10. Replace the SSR 2000's cover.

When you are ready to attach the segment cables, use the procedures in "Attaching Port Cables" in the *SmartSwitch Router 2000 Getting Started Guide*.