These instructions are for experienced service providers only.

About the Torque Screwdriver

The torque screwdriver (part number 560-2433) is:

- For installing UltraSPARC™ modules only
- Preset to 6 inch-pounds (resets with audible clicking)
- Accurate to within +/− 3%
- Rated for 1,000,000 operations
- Supplied with one 3/32-inch hex bit

Installing UltraSPARC Modules

Screws on the UltraSPARC modules must be tightened to 6 inch-pounds. The torque screwdriver is set to this specification.
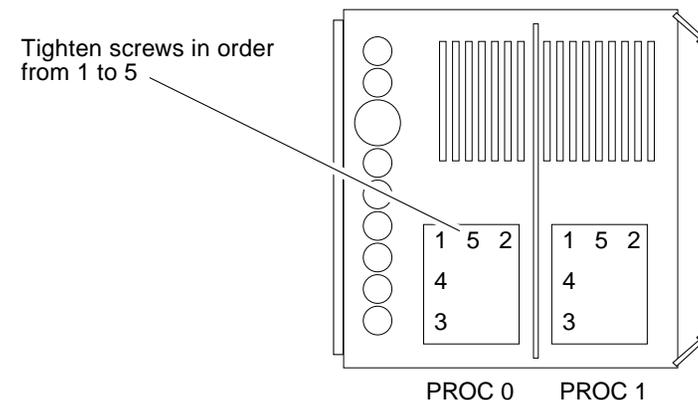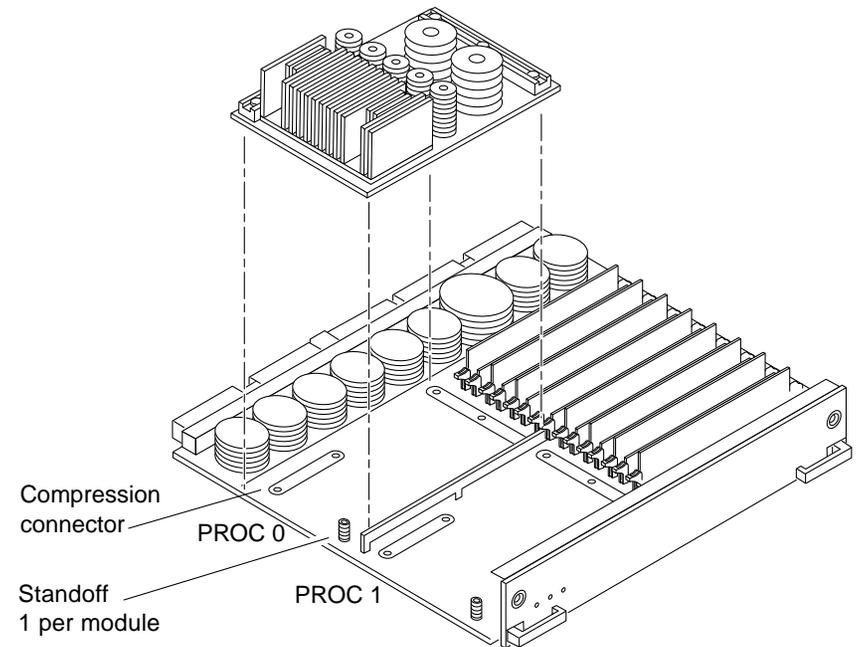
Note – To maximize UltraSPARC module performance, install the *first* (or *only*) module in location *PROC 0*. PROC 1 is for a second module.

⚠ **Caution** – Observe all static safety rules.

1. **Inspect the UltraSPARC module for dust on the connectors.**
   If necessary, *gently* clean the connectors with the dry, stiff toothbrush supplied.

2. **Inspect the board module mating surfaces.**
   If the surface requires cleaning, use the dry, stiff toothbrush.

3. **Holding the module by the edges, align the hole in the module with the standoff on the board, and align the screws with the board compression connectors.**

4. **Firmly but gently press the module straight down until the standoff post snaps into place and the module connectors are fully seated.**

5. **Use the torque screwdriver to** *partially tighten* **the five 3/32 hex screws in the tightening sequence shown in the adjacent diagram.**
   IMPORTANT: *In order*, beginning with screw 1 (as designated in the diagram), *partially tighten* the screws just until they touch the compression connectors.

6. **Finish the module installation by tightening** *all* **the screws to 6 inch-pounds in the same tightening sequence.**

Compression connector

PROC 0

Standoff
1 per module

PROC 1

Tighten screws in order from 1 to 5

1 5 2	1 5 2
4	4
3	3

PROC 0   PROC 1

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Sun™ Torque Screwdriver for UltraSPARC™ Module Installation

for Sun Enterprise 3x00, 4x00, 5x00, and 6x00 Systems

Sun microsystems