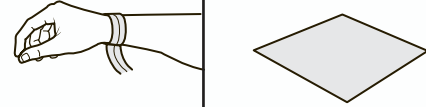


Service Information

Tools Required

- Antistatic wrist strap
- Antistatic mat



9 RAID Expansion Module (REM) Removal MASTER CPU MODULE ONLY

- 1 Locate REM.
- 2 Lift REM ejector arm.
- 3 Use board edges to lift REM.
- 4 Tilt out and away from tabs.
- 5 For replacement:
 1. Close ejector arm.
 2. Carefully align tabs and pin.
 3. Press firmly on rubber pad.

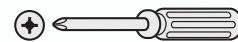
10 Fabric Expansion Module (FEM) Removal

IMPORTANT

- 1 Press green FEM ejector.
- 2 Use edge of board to lift FEM.
- 3 Tilt out and away from tabs.
- 4 For replacement:
 1. Align pin and tab.
 2. Press down firmly on rubber pad.

Service Tools Required

- #2 Phillips (Plus) driver



11 Processor/CPU Replacement IMPORTANT: Authorized service personnel ONLY.

- 1 Press Fault Remind button to locate failed processor.
- 2 Loosen 2 captive screws. Alternate between screws.
- 3 Lift heatsink to reveal CPU.
- 4 Completely clean old thermal grease from heatsink.
- 5 Completely clean old thermal grease from CPU before handling.
- 6 1. Lift load lever.
2. Open load plate.
3. Remove CPU.
- 7 1. Insert new CPU.
2. Close load plate.
3. Lower load lever.
- 8 Apply 500mg (0.2ml) thermal grease from supplied syringe on top of CPU in an X pattern.
- 9 Replace heatsink and tighten 2 Phillips screws to 8 inch-lbs. Alternate tightening between the two screws.

Note: Keying

12 CPU Module (CMod) Replacement IMPORTANT: Authorized service personnel ONLY.

Replace CMod enclosure for MB failures. Remove the following components from the old CMod and insert them into the new CMod:

- | | |
|--------------------|-------------------|
| 6 RTC Battery | 7 USB Flash Drive |
| 8 DDR-3 DIMMs | 9 REM |
| 10 FEM | |
| 11 Processors/CPUs | |
- If Master:

