

# Installation Instructions

## Adaptec Battery Module 800T for Adaptec Unified Serial™ RAID Controllers

Using the appropriate static protection, remove the controller from your computer.

**Note:** The number of fixing screws and the orientation of the battery module PCB vary on different controller boards.

- 1 Insert screws through the bottom of the controller board, as shown in Figure 1. Then, insert spacers on the screws.
- 2 Attach the battery module PCB to the controller by mating the two white connectors. Affix a hex nut to the end of each of the screws, as shown in Figure 2.

**Caution:** The torque should be less than .2Nm to avoid deformation. Do not use a tool to hold the nut in place due to the limited space between the heat sink and the battery.

- 3 Attach the battery to the module PCB by inserting the connector into the socket, as shown in Figure 3. The connector attaches to the PCB socket in only one direction.
- 4 Choose a flat location on the chassis to fix the tethered battery such that (i) the battery cable (12") reaches the mating location on the battery PCB when the controller is reinstalled; (ii) wiring is routed and secured so that it does not contact any moving parts (ie, fans); and (iii) the battery is protected from excessive heat.
- 5 Remove the plastic from the Velcro strip to expose the adhesive and firmly fix to the computer chassis, as shown in Figure 4.
- 6 Reinstall the controller, and restart your computer.

- 7 The battery automatically starts charging. It may take several hours to reach full charge. When the battery is fully charged, you may want to enable the option to write back cache only when the battery is charged. You can do so using ARC or Adaptec Storage Manager. Refer to the *Adaptec SAS RAID Controller Installation and User's Guide* or the *Adaptec Storage Manager User's Guide* for details.

**Warning:** There is a risk of explosion if the battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.

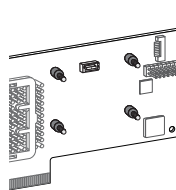


Figure 1

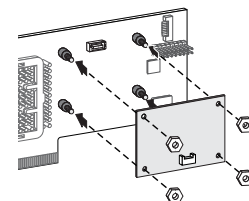


Figure 2

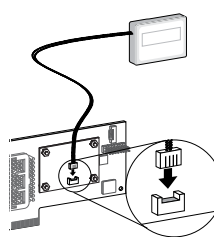


Figure 3

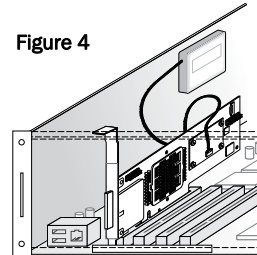


Figure 4



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