

External SCSI Cable Installation Instructions

Instructions for Technically Qualified Assemblers of Intel® Identified Subassemblies/Products

These Instructions describe the installation of the External SCSI Cable into the Intel® SR2000 and ISP2150 rack-mounted server platforms. With modification, you can also install this cable into the Intel SC5000 server chassis.

Installing the server board consists of the following steps:

1. Removing the cover.
2. Removing the cable mounting blank.
3. Installing the cable mounting bracket inside the chassis.
4. Routing and connecting the cable to the processor board.
5. Replacing the cover.



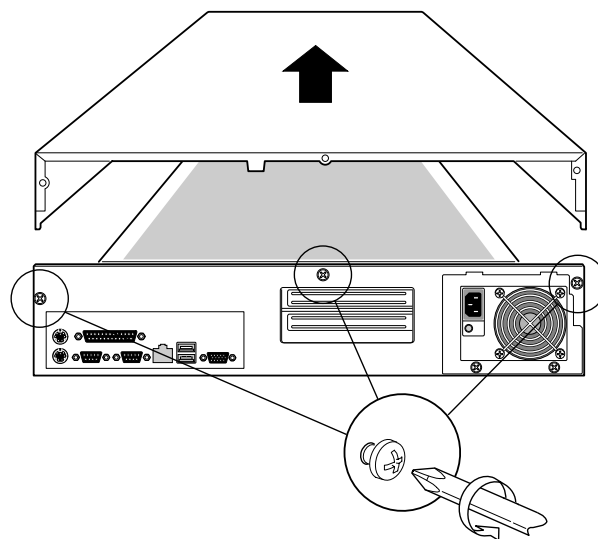
CAUTION

Remove Power from Server Before Proceeding:

Be sure that the server is powered off. Disconnect AC power by removing the Power Plug from the AC outlet.

Removing the Cover

1. Loosen the three screws on the rear of the system (Figure 1).
2. Pull the cover back and remove it from the chassis.

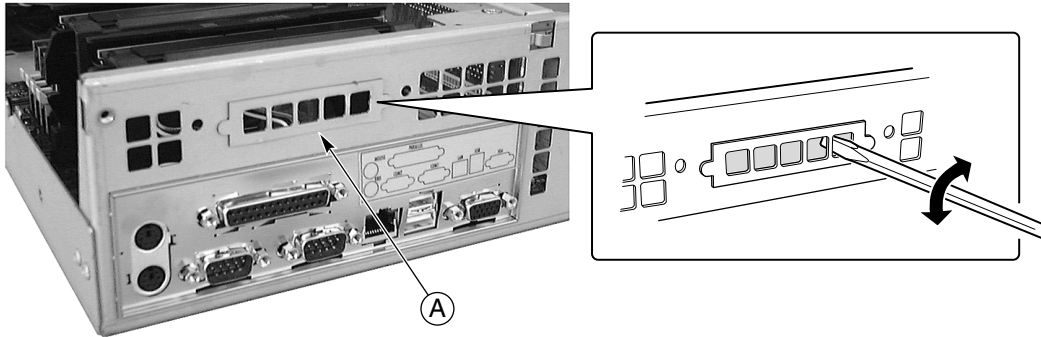


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Figure 1. Removing the Cover

Removing the Cable Mounting Blank

1. Locate the cable mounting blank on the rear of the chassis (A in Figure 2).
2. Place the end of a screwdriver into the square hole at either end of the blank. Be sure to use an end hole. Performing the next step with the screwdriver in a center hole might deform the bracket opening.
3. Carefully use the screwdriver to pry out the blank.

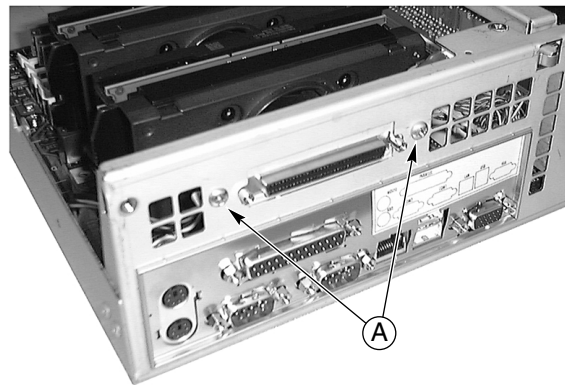


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Figure 2. Removing the Cable Mounting Blank

Installing the External end of the SCSI Cable

1. Locate the two #6-32 screws packaged with the cable kit.
2. Position the end of the SCSI cable that has the mounting bracket such that it protrudes through the mounting slot in the rear of the chassis. You must position the bracket so the holes in the bracket align with their respective holes in the chassis (A in Figure 3).
3. Tighten the two screws.

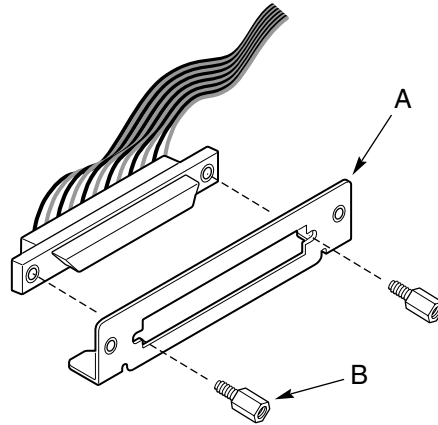


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Figure 3. Mounting the External End of the Cable

 **NOTE**

If you are mounting this cable into the SC5000 chassis, remove the mounting bracket from the SCSI Cable first (A in Figure 4) and then mount the connector directly to the chassis using the two jackscrews (B in Figure 4).

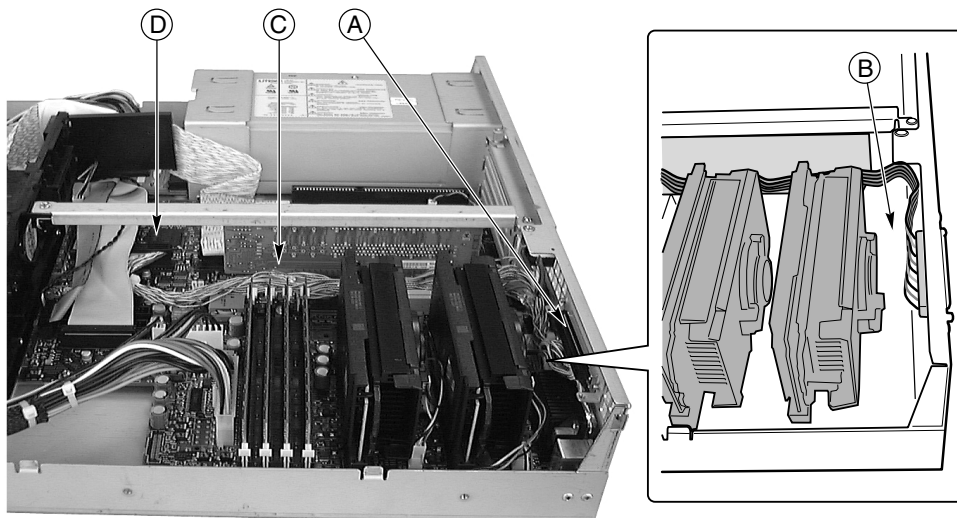


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Figure 4. Modifying the Cable for the SC5000 Chassis

Routing and Connecting the Cable

1. Route the SCSI cable from the rear of the chassis away from the processor fan toward the internal connection. Be sure to keep the cable away from the fan (B in Figure 5).



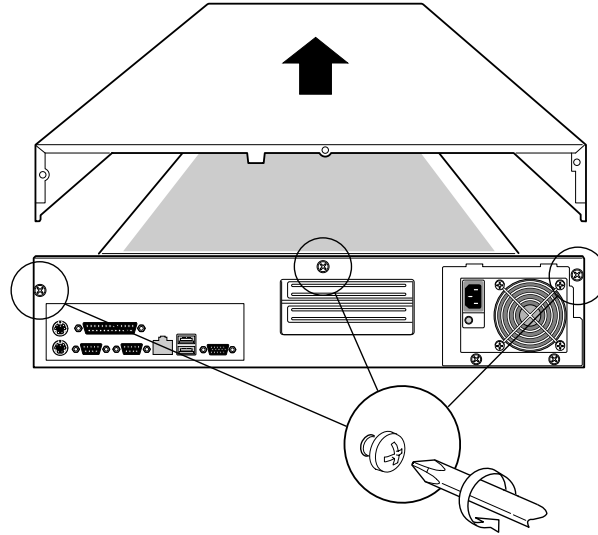
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Figure 5. Routing and Connecting the Cable

2. Route the cable such that it minimizes airflow blockage inside the chassis (C in Figure 5).
3. Connect the internal end of the SCSI cable to the appropriate connector on the server board (D in Figure 5). You can also connect this end of the cable to a separately purchased optional add-in card.

Replacing the Cover

1. Place the cover on the chassis and slide it forwards as far as possible.
2. Tighten the three screws on the rear of the chassis (see Figure 6).



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Figure 6. Replacing the Cover