

DS150C - PROCEDURE Connection Board Replacement

Refer to Drawing 1, central unit parts list for board location.

1. Turn system power off.
2. Remove the central unit lid.

NOTE: Take care not to damage the boards with the screwdriver, when removing and inserting screws.

NOTE: Be careful when lifting the CPU module board from the connection board, because these boards have pins on the bottom side, which insert into the connection board.

3. Remove CPU module board by taking out the 4 small Philips screws holding it in place.
4. Remove the relay from the connection board. Item 4 on Drawing 1.
5. Mark all connection wires before removing, to identify location for reconnecting. Disconnect all X1 terminal wires from the connection board.
6. Remove the 9 large Philips screws holding the connection board in place.
7. Note the orientation of the connection board in the central unit. Remove connection board and place it in the same packing material that the replacement in which the connection board came.
8. Carefully insert the new connection board in place. Refer to Drawing 1 for location.
9. Insert the 9 Philips mounting screws.
10. Insert CPU module board by lining up the pins into the sockets X11 and X12 and the 4 screw holes.
11. Insert the 4 small Philips screws and washers.
12. Insert the relay into the main board. Item 4 on Drawing 1.
13. Connect the X1 terminal wires to the main board. Refer to Drawing 4.
14. Inspect the gasket for nicks, cuts, or damages. Refer to 031-300-340-003 DS 350 Central Unit Gasket Recommendations, Revision - and 031-300-340-002 Central Unit Cover Installation and Tightening Procedure, Revision A