



1395/1396 Power Supply Kit

Instructions

Description

The Power Supply Kit provides the necessary components and instructions needed to replace the 1395/1396 power supply, should replacement become necessary.

The following components are included in the kit:

- (1) Power Supply Board
- (1) Short Cable Assembly (for 3.6 through 345A Drives)
- (1) Long Cable Assembly (for 346 through 980A Drives)
- (3) Wire Labels
- (1) Connector, 3 Pin, PCB Plug-in

Replacement Procedure



ATTENTION: To avoid an electrical shock hazard, assure that all power to the drive has been removed prior to performing the following procedure.

1. Assure that all power to the drive is removed.
2. Locate the existing Power Supply Board.

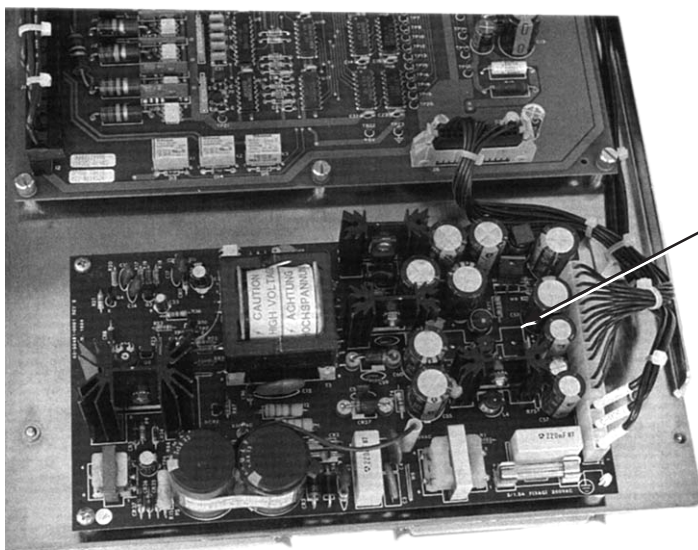
3.6 through 345A Drives

Loosen the two (2) captive screws securing the swing-down panel. Carefully swing the panel down exposing the board. See Figure 1.

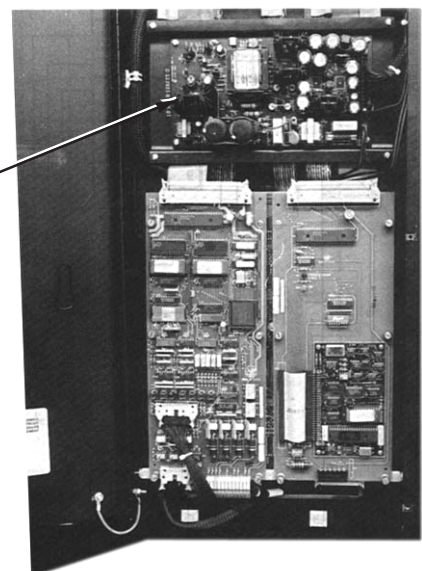
346 through 980A Drives

Refer to Figure 1 for location of board.

Figure 1
Power Supply Board Locations



3.6 - 345A Drives (typical, shown for location only)



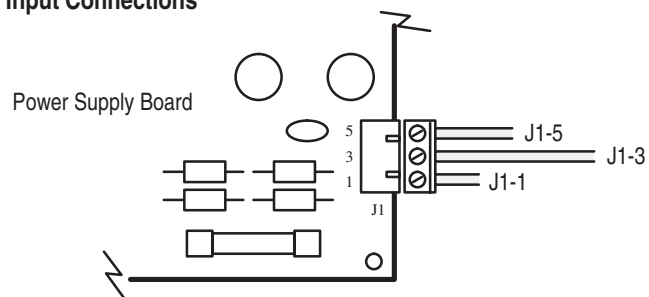
346 - 980A Drives (typical, shown for location only)

- 3. Disconnect the cable assembly and AC input wires from the Power Supply Board. Remove and discard the board.
- 4. Position the new board (terminal block J1 to the right) on the panel. If installing the board on a 346 to 980A drive, remove and discard the nylon spacer from the bottom of the board. Secure the board using the hardware previously removed.
- 5. Replace the cable assembly disconnected in step 3 with one of the following supplied cables:
 - 3.6 through 345A drives – short cable assembly
 - 346 through 980A drives – long cable assemblyDiscard the old cable and remaining supplied cable.

Important: Step 6 is required on power supplies that have 20 terminals on J1. Proceed to step 7 if connector J1 has three positions as shown in Figure 2.

- 6. Locate the AC input wires on the existing connector (J1). These wires will be labeled either PSJ1-1 through PSJ1-5 or J1-1 through J1-5. Attach the new wire labels to the wires directly behind the existing labels. Cut the wires from the old connector (J1), strip and attach to the new connector (see Figure 2).
- 7. Attach connector to connector housing on the new power supply (if not previously done).
- 8. On 3.6 through 345A drives, secure the swing-down panel in the upright position. Check for proper drive operation.

Figure 2
Power Supply Input Connections



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