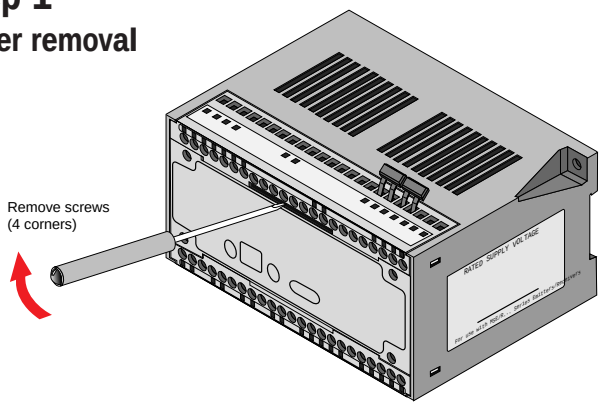
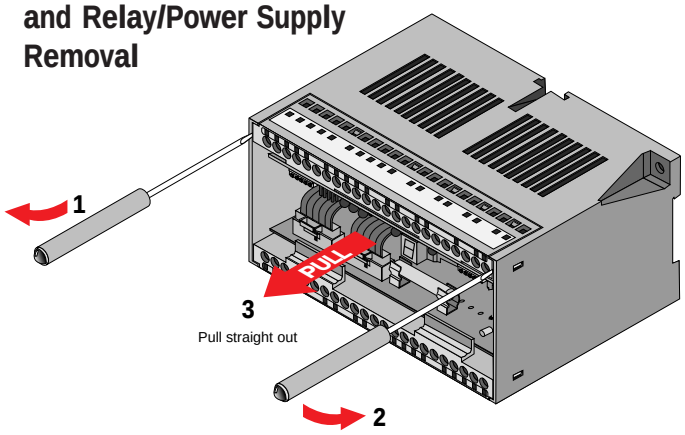
MDSDINT-1T2 Replacement Boards

MDSDA-RM-1 Replacement Power Supply and Relay Board
MDSDAB-1 Replacement Controller Board

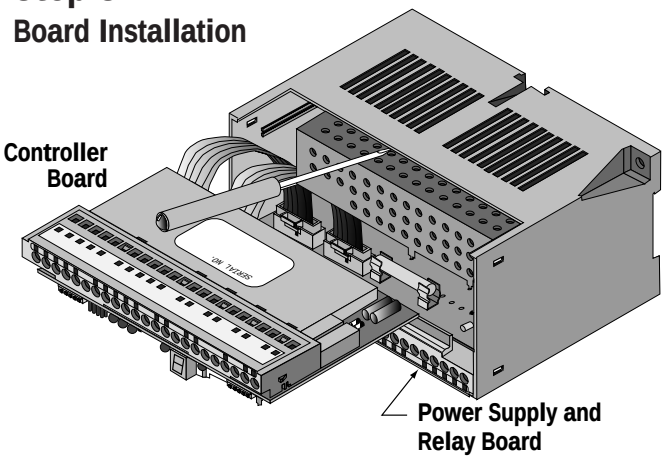
Step 1
Cover removal



Step 2
Controller Board Removal and Relay/Power Supply Removal



Step 3
Board Installation



Board Removal:

1) Remove four (4) screws at the corners of the acrylic cover.

2) Place the blade of a small flat-blade screwdriver in the center of the slot located along the inside of either wiring barrier, and gently pry the acrylic cover open (figure 1). The cover is not hinged. It will come completely off.

3) The controller board must be removed, first. Wedge the blade of a small flat blade screwdriver at one end of the controller board's wiring barrier (see figure 2). Lightly pull on the controller board while wedging the screwdriver blade at the opposite end of the same wiring barrier. This two-step action will dislodge the controller board assembly from its locking mechanism. Pull the controller module board straight out of the enclosure, and disconnect the ribbon cables where they connect at the relay/power board.

4) To unlock and remove the relay/power supply board, wedge a screwdriver first at one end and then the other end of the wiring barrier, as described in step 2, and pull the board straight out of the enclosure.

Installing Replacement Boards:

1) The boards install in the reverse order: first the relay/power supply board, and then the controller board.

2) Align the edges of each board with the slots on the inside of the module walls. Use the screwdriver to pull the wall of the module slightly out, away from the wiring barrier, while pushing the board assembly into place (see Figure 3). Remove the screwdriver to lock the board into place.

3) Connect the ribbon cable to the relay/power supply board before installing the controller board.

4) Replace the acrylic cover by positioning one long edge and pushing down the opposite edge to snap it into place.

5) Replace the four (4) screws in the acrylic cover.