



1747-DTAM UPGRADE PROCEDURE

1. Before removal procedure is done on the DTAM, power to the panel that it is mounted on should be disconnected. If it is not practical in your installation to remove power on the panel to which your DTAM is mounted, use extreme care when performing this upgrade if live parts are present.

CAUTION: Working on and around live equipment exposes you to increase risk of electrical shock.

Do not remove the replacement PROM from its protective package until the current PROM has been removed from the DTAM.

2. With the back of the panel exposed, the communication/power cable connected to the DTAM should be removed at the end that is supplying power (SLC500 processor or Link Coupler) first. You may then remove the cable from the top of the DTAM. If the cable is held in place by the strain relief tab provided on the back of the DTAM enclosure, you may have to lightly pry at the end of the tab in order to remove the cable. If you have installed your own keyswitch thru the access port on the backcase you will want to remove that connection.
3. Now, with access to the back of the DTAM you will need a 5/16 inch nutdriver to remove the 4 lockwashers/nuts that hold the DTAM to the panel. Be careful to not allow the nuts to drop onto another device if the panel has not been powered down. There are retaining tabs on either side of the DTAM backcase that hold the DTAM on the panel when all four nuts have been removed. A slight pressure to both tabs will allow the DTAM to be pulled off the panel.
4. Place the DTAM face down on a soft flat surface to prevent scratching. Remove the 4 lockwashers/nuts that hold the back case to the front panel assembly with a 5/16 inch nutdriver. Remove the DTAM backcase so that the socketed PROM can be viewed. See illustration 1.

CAUTION: Before proceeding, care should be taken in the removal and insertion of the PROM. Make sure that you are electrostatically discharged to prevent electrical damage to circuit components. Avoid contact with the PROM leads to prevent physical damage or possible contamination.

5. To remove the PROM from the socket use a PROM puller or CAREFULLY pry the part out of the socket by placing a small slot-head screwdriver between the PROM and socket. With the old PROM removed, take the upgrade part out of the package. Place the part in the socket with the notch facing down (see illustration 1 for correct orientation).
6. After the upgrade PROM has been placed in the socket, powerup the DTAM to insure that it is functioning properly. If the DTAM powers up correctly, disconnect power and reassemble the product. The backcase should be placed on the front panel assembly and the 4 lockwashers/nuts torqued down to 7 inch lbs. Place the "FRN upgrade label" on the backcase of the DTAM, while being careful not to cover any portion of the nameplate. See illustration 1.
7. Place the DTAM back on the panel and torque down the remaining 4 lockwashers/nuts to 7 inch lbs. Connect the cable to the connector at the top of the DTAM, and loop the cable thru the strain relieve on the backcase if desired. If you are using an external switch rewire the connection to the DTAM terminal block thru the back access port at the back of the DTAM.
8. The DTAM with upgrade firmware should now be ready to operate in your application.

Illustration 1

