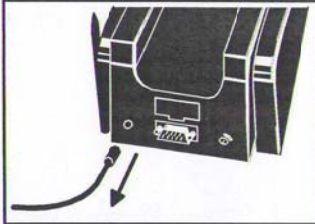
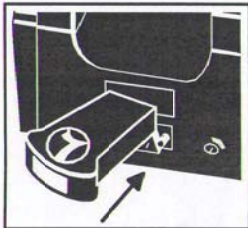


## Railroad System Management (continued)

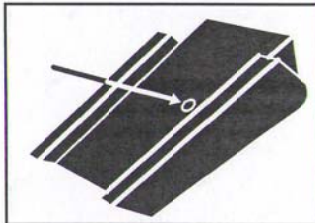
### LIONEL LEGACY BASE Control System Update Module Procedure



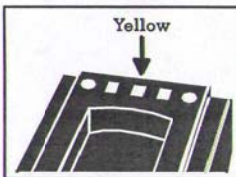
1. Remove the Power Jack from the LEGACY Base to Power the Base unit down.



2. Open/remove the Module port cover that is above the Data connector and insert the BASE update Module.  
Note: Be sure you are using the BASE update Module.



3. On the Bottom side of the BASE there is a Channel Select button. Press and hold the Channel Select Button while you plug in the Power jack back into the BASE.



4. The Yellow center LED will begin to Flash on the top end of the Base. The two other LED's will be on solid. The Lionel name on the both sides of the Base will also Flash while programming the update. Release the channel select button and wait until the Yellow and the side Lionel LED's stops Flashing.

#### LIONEL LINES

CHANNEL 1  
Central Train Control  
CAB V1.3 BASE V1.3

SCROLL TO CONFIGURE

5. The BASE will Restart on its own. At that time the Green LED will Flash once followed by the Yellow LED then finally the Red LED. Once the Base restarts, turn the LEGACY CAB on. Press the CTC button once again after the CAB fully powers up to get to the Central Train Control screen to verify that the new software has been installed. You will see CAB V1.3 and BASE V1.3 in the Central Train Control scrolling screen.

*Note: The status light (yellow on Base, red on remote) will stop flashing quickly if the update is successful. If the light will not go off and blinks a number sequence slowly, it is indicating an error code. If you encounter this please refer to the following table to diagnose the cause.*

## Railroad System Management (continued)

### LIONEL LEGACY Control System Revision Memory Modules

The Lionel LEGACY system allows you to choose what version of software you would like to use. As Updates are released you may want to go back to the original software. The blue factory modules 'CAB-2 program 1.3' and 'BASE-2 program 1.3' are full reprogram modules. These modules are programmed to restore the Base/Cab to original factory default settings.

*Note: Some program modules are revision updates and others are full reprogram updates.*

**Full reprogram updates:** The Modules that came with your #990 set are full reprogram updates and they perform the FULL update procedure.

**Revision updates:** Revision Update modules will only update the operating system. They do not clear any of the memory banks. (all name & settings will remain intact)

**Warning:** If the full reprogram module is used, you will lose all stored names and settings!!

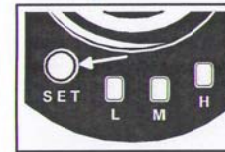
### LIONEL LEGACY CAB Control System Update Module Procedure



1. Turn Power off using the Central Train Control Button (CTC).



2. Remove the Module port cover from the top of the LEGACY CAB. Then insert the CAB Update Module into the Module port.  
Note: Make sure that you use the Module that is labeled CAB.



3. Press and Hold the SET Button on the bottom of the LEGACY CAB.
4. While holding down the SET button, Press the CTC Button to turn the Power on to begin the update.



5. The Red indicator light will start to Flash rapidly.
6. Release the SET Button.

#### LIONEL LINES

CHANNEL 1  
Central Train Control  
CAB V1.3 BASE V1.3

SCROLL TO CONFIGURE

7. Once the Red indicator light stops, the CAB will self-start. Your CAB will now be updated. The update will be displayed in the Central Train Control scrolling screen. You will see CAB V 1.3 for the Remote and Base V 1.3 for the Base version.