INSTRUCTIONS TO RESTORE TMCC FUNCTIONS
(R2LC/LCRU 2 CIRCUIT BOARDS)
RESTORE SOUND / LIGHT/ MOTION / SMOKE OPERATION

In the course of normal operation, static electricity or an electrical "spike" can cause a loss of function. Following the procedure outlined below will restore functions.

STEP 1:   **Move switch on locomotive from run to program.**
STEP 2:   **Turn on Command Base.**
STEP 3:   **Place locomotive on track, then turn on power to track.**
STEP 4:   **Press "ENG" then input locomotive ID#. Press "SET".**
STEP 5:   **Press "ENG" then input locomotive ID# again.**
STEP 6:   **Press "AUX 1", then input the reprogramming code number that corresponds to your locomotive. (See the chart below).**
STEP 7:   **Turn off power to track, wait ten seconds.**
STEP 8:   **Remove locomotive from track, move switch from program to run.**
STEP 9:   **Place locomotive back on track. Turn power on to track.**
STEP 10:   **Press "ENG" and ID#, then operate as normal.**

** REPROGRAMMING CODES **

Code	Product and Functions
0	**Steam with Signal Sounds**
1	**Diesel with Signal Sounds, all Legacy Steam Engines**
2	**Diesel with Cab Light and Signal Sounds, all Legacy Diesel Engines**
4	**Steam with Smoke / Pioneer Zephyr, M10,000**
5	**Diesel with Strobe Light – GP-7, GP-9, GP-20 / CrewTalk cabooses, S1 Electric, Missile Launch engines(For flashing red light)**
6	**Diesel with Cab Light / PB-1's, FT's, PULLMOR motored F-3's, Veranda Turbine,StationSounds passenger cars, Missile Launch engines(For steady red light)**
8	**All Diesels with Smoke / Scale GG-1's/BB-1 & BB-3 Electric**
34	**6-2800 Series Hudson and Pacifics, Small K-4's, Shay's**
36	**Alco Pa's (New in 97), 6-18192 WP, 6-38101/8103 Texas Specials, and 6-38106 NYC F3's**
60	**SD-40 UP 6-18273**
74	**All Engines with Wireless Tether including American Flyer Mikados. NOTE! For J1E and Santa Fe Warhorse Hudsons see below.**
75	**Soo Line SD-60 (6-18232)**
76	**Acela**
740	**J1E Hudson (6-18056) & SF Warhorse Hudson (6-18062) NOTE! Both loco and tender must be on the track.**
750	**Conrail Dash 8 (6-18240), 1999 Centennial SD-40 (6-18585)**
760	**BNSF Dash-9 (6-18235)**