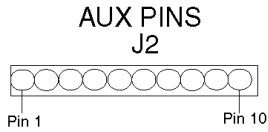
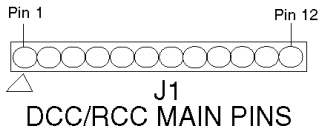


DCC/RCC CONNECTOR PIN ASSIGNMENT

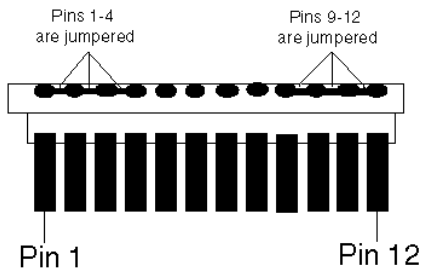
MAIN PC BOARD
EXACT LOCATIONS OF DCC/RCC PLUGS MAY VARY



Pin #	J1 12 Pin Plug Functions	DCC Wire Color Code (Theoretical)**
1	Power Pick-up Right Side	Red
2	Power Pick-up Right Side	
3	Motor(s) Right Side	Orange
4	Front Lamp Control	White
5	Smoke On/Off*	Accessory Color
6	+ Out	
7	Ground Common	Blue
8	Smoke On/Off*	Accessory Color
9	Rear Lamp Control	Yellow
10	Motor(s) Left Side	Gray
11	Power Pick-up Left Side	Black
12	Power Pick-up Left Side	

J2 AUX plugs not used for power/control purposes.
* Pin 5 & 8 must be bridged for DCC
**See DCC decoder manual for more color code information

DUMMY PLUG



Can Be used with DCC decoder or
RCC receiver not equipped with 12-pin plug

Pin #	Pin Function
1	Power Pick-up Right Side
2	Power Pick-up Right Side
3	Motor(s) Right Side
4	Front Lamp Control
9	Rear Lamp Control
10	Motor(s) Left Side
11	Power Pick-up Left Side
12	Power Pick-up Left Side

The dummy plug provided with the plug and play PC board can be used with a DCC decoder or RCC receiver that do not have the 12 pin plug.

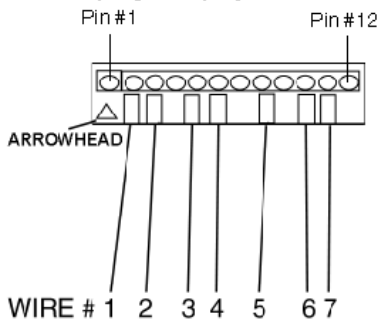
Sever the jumper between pins 2&3 and pins 10&11

Solder one motor lead to pin 3 and the second to pin 10

Solder one power pick-up lead to pin 1 and the second to pin 12

RCC ADAPTER PLUG

For use with 55490/55491 On-Board Receivers
in locomotives without a
plug and play PC board



Wire Use	Wire Number
Track Power Pick-up-Right	Wire #1
Motor-Right	Wire #2
Front Headlight	Wire #3
Common	Wire #4
Rear Headlight	Wire #5
Motor-Left	Wire #6
Track Power Pick-up-Left	Wire #7