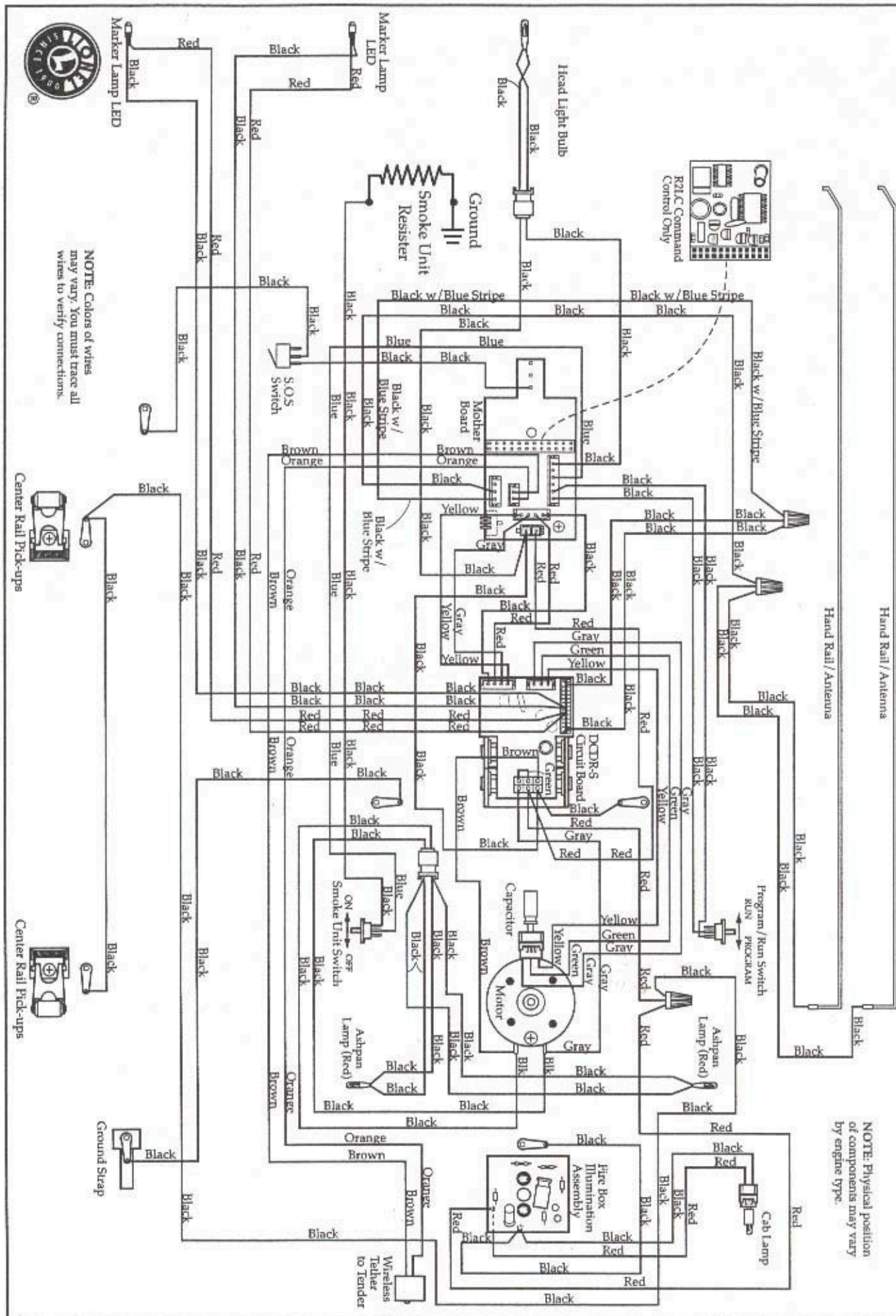


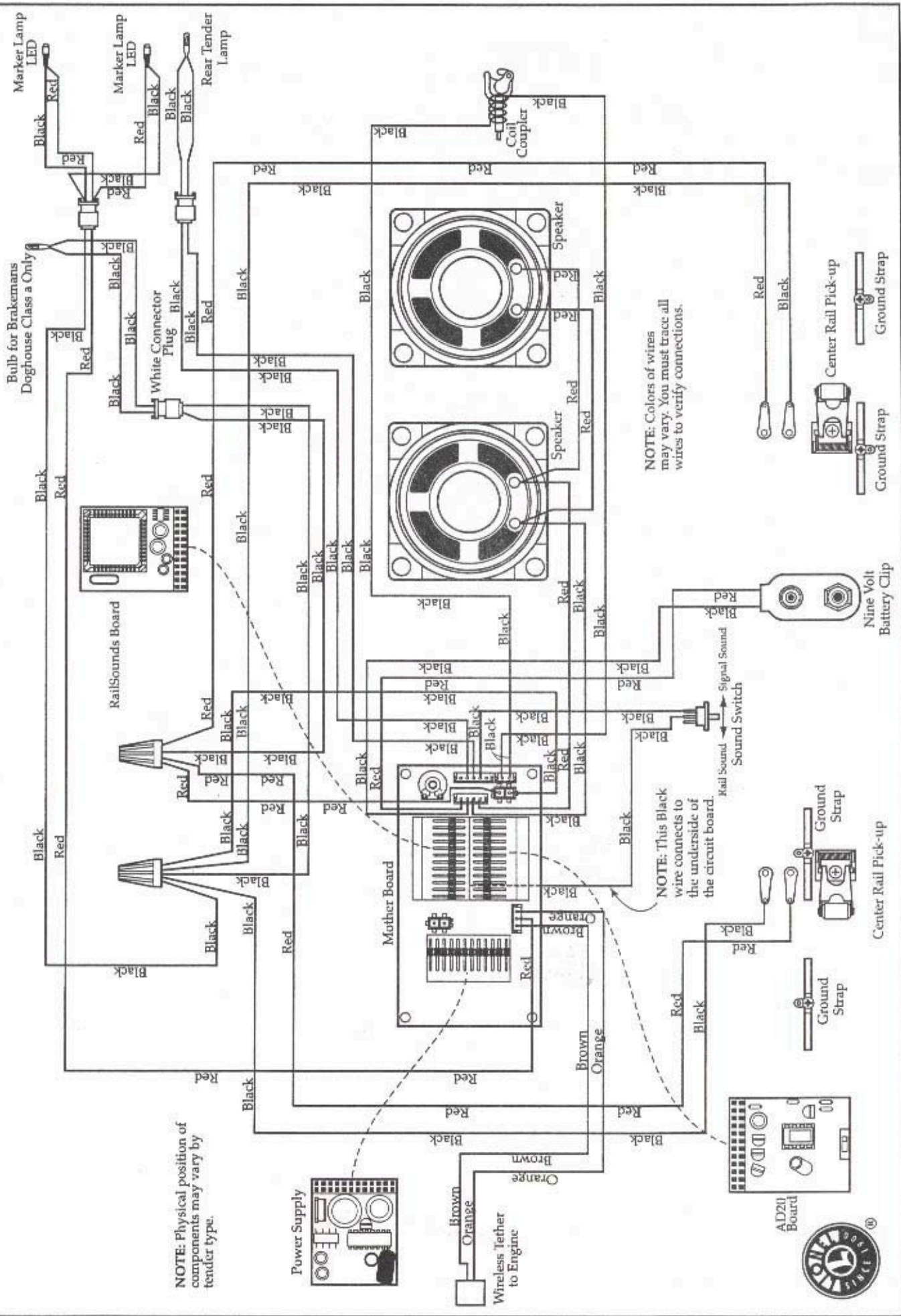
TYPICAL 2-10-4 STEAM LOCOMOTIVE WITH COMMAND CONTROL, RAIL SOUNDS AND ODYSSEY SYSTEM PICTORIAL WIRING DIAGRAM



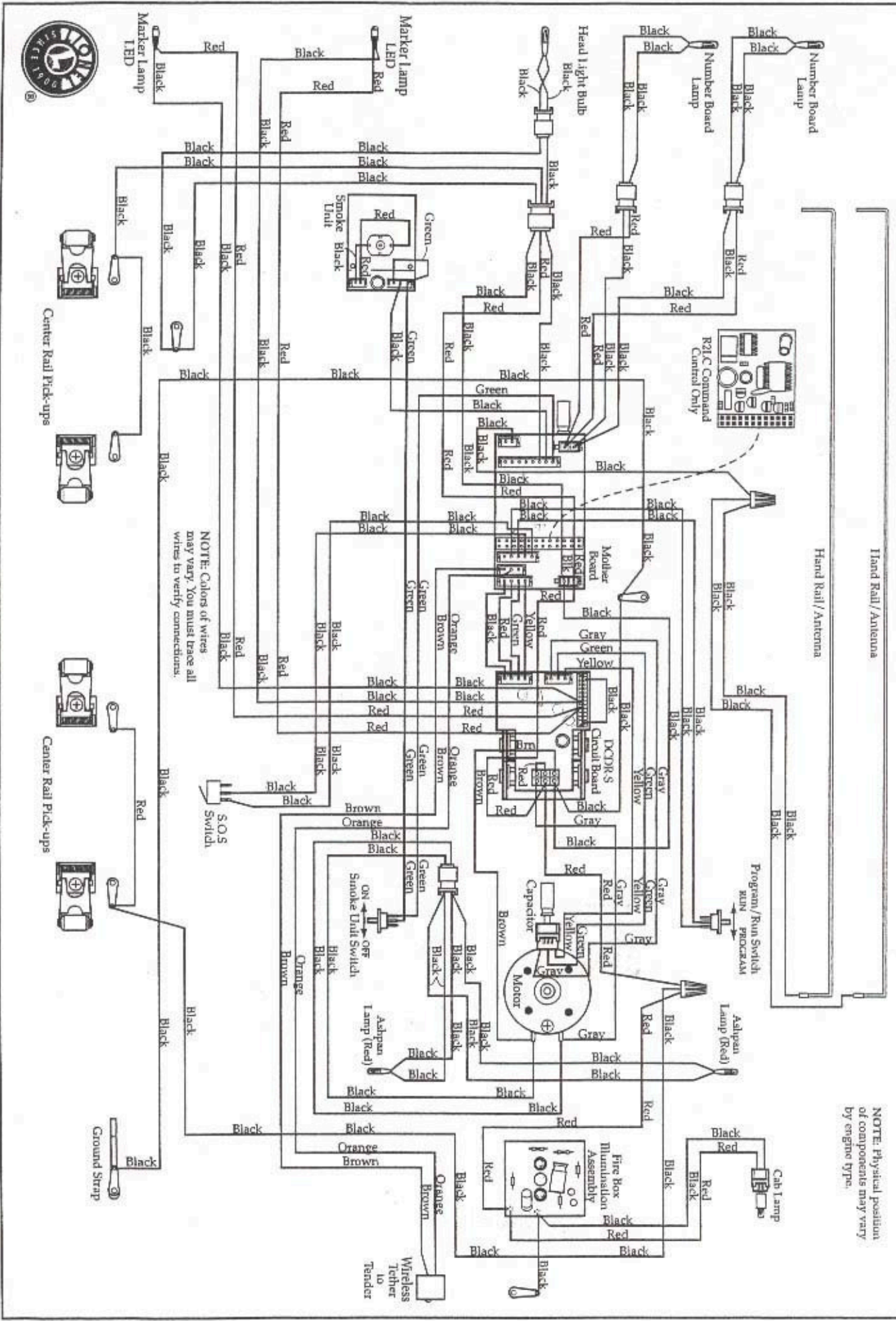
NOTE: Colors of wires may vary. You must trace all wires to verify connections.

NOTE: Physical position of components may vary by engine type.

TENDER FOR TYPICAL 2-10-4 STEAM LOCOMOTIVE WITH ODYSSEY AND RAILSOUNDS PICTORIAL WIRING DIAGRAM

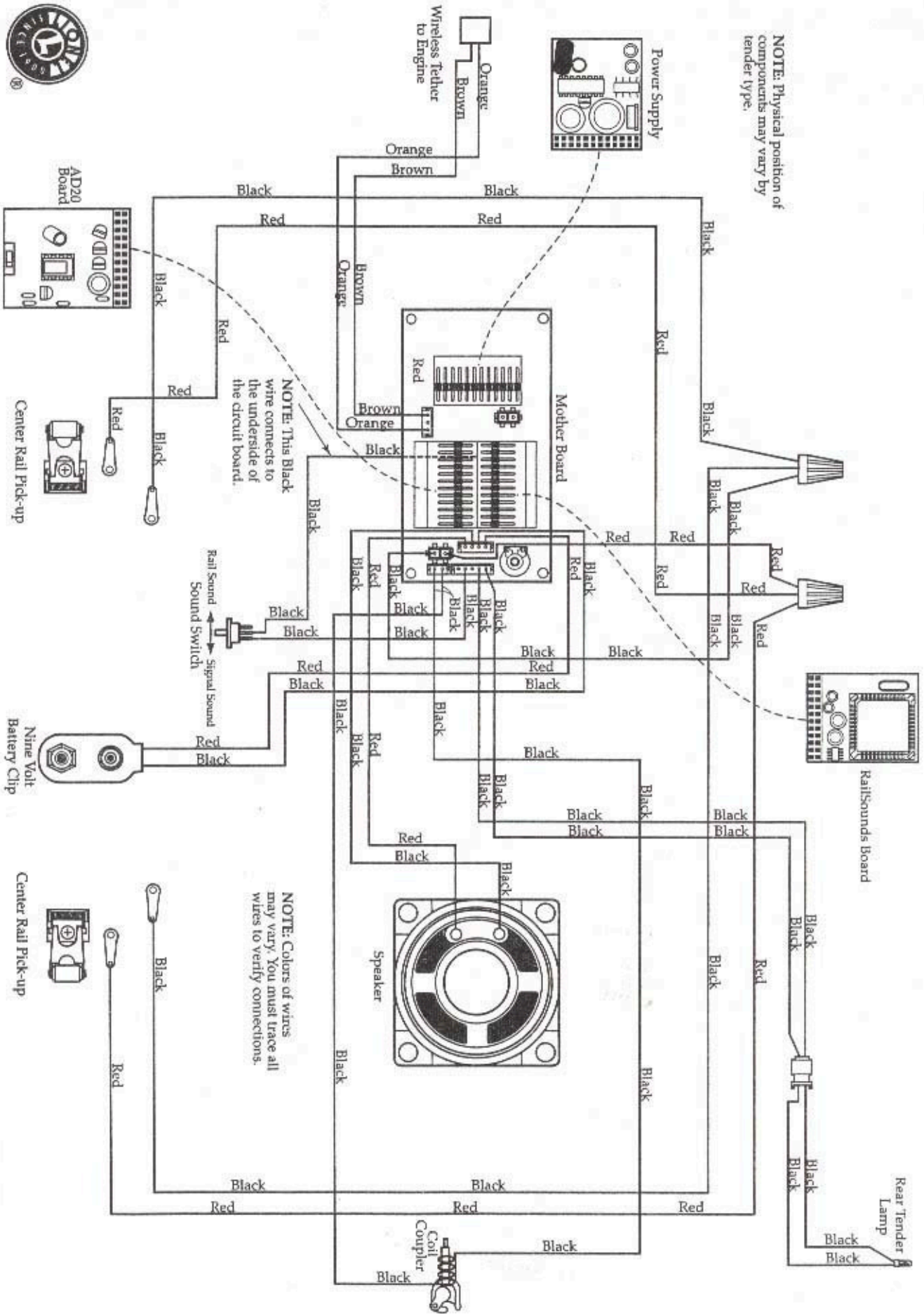


TYPICAL 2-6-6-2 ARTICULATED STEAM LOCOMOTIVE WITH COMMAND CONTROL AND ODYSSEY SYSTEM PICTORIAL WIRING DIAGRAM

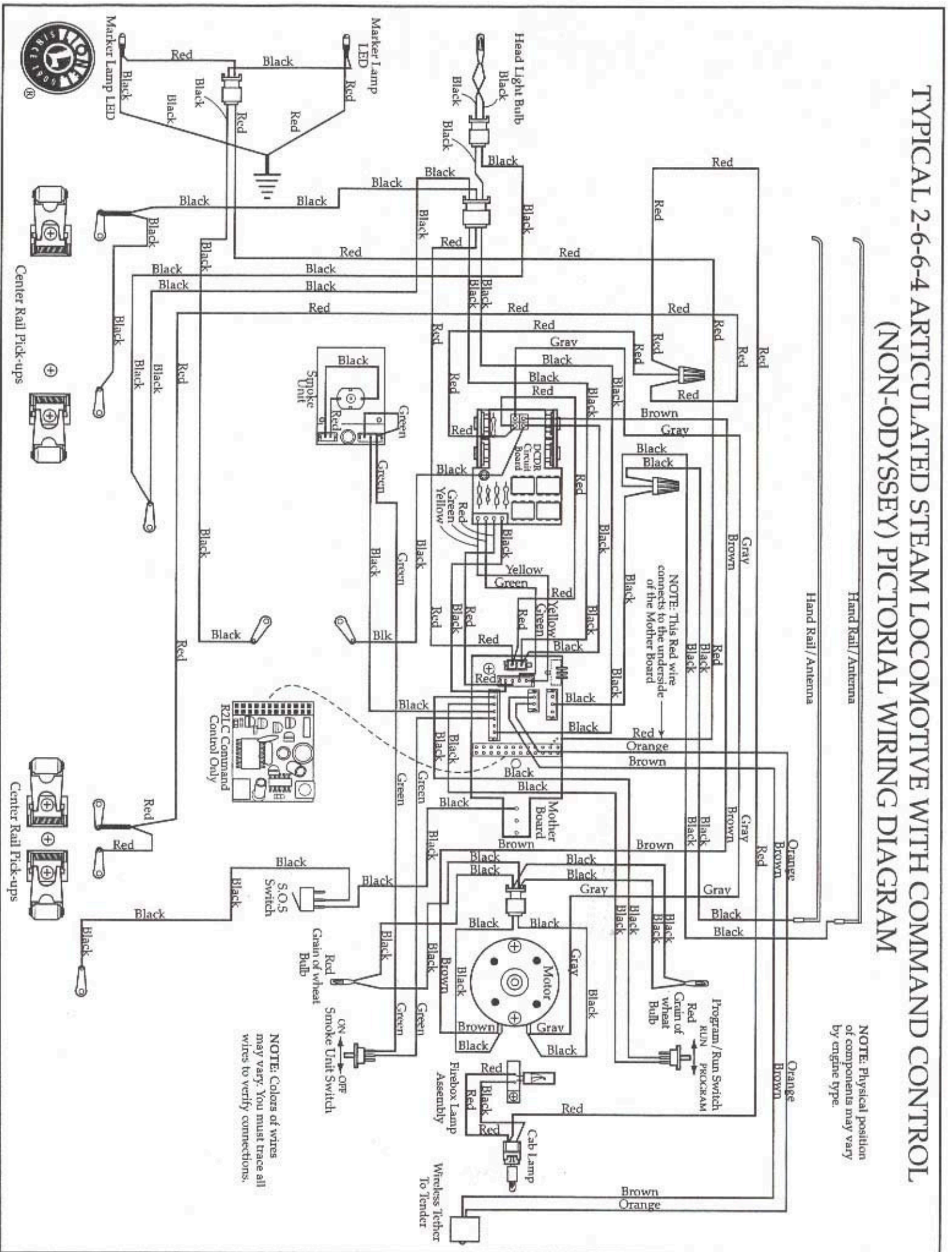


TENDER FOR TYPICAL 2-6-6-2 ARTICULATED STEAM LOCOMOTIVE WITH ODYSSEY AND RAILSOUNDS PICTORIAL WIRING DIAGRAM

NOTE: Physical position of components may vary by tender type.

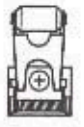


TYPICAL 2-6-6-4 ARTICULATED STEAM LOCOMOTIVE WITH COMMAND CONTROL (NON-ODYSSEY) PICTORIAL WIRING DIAGRAM

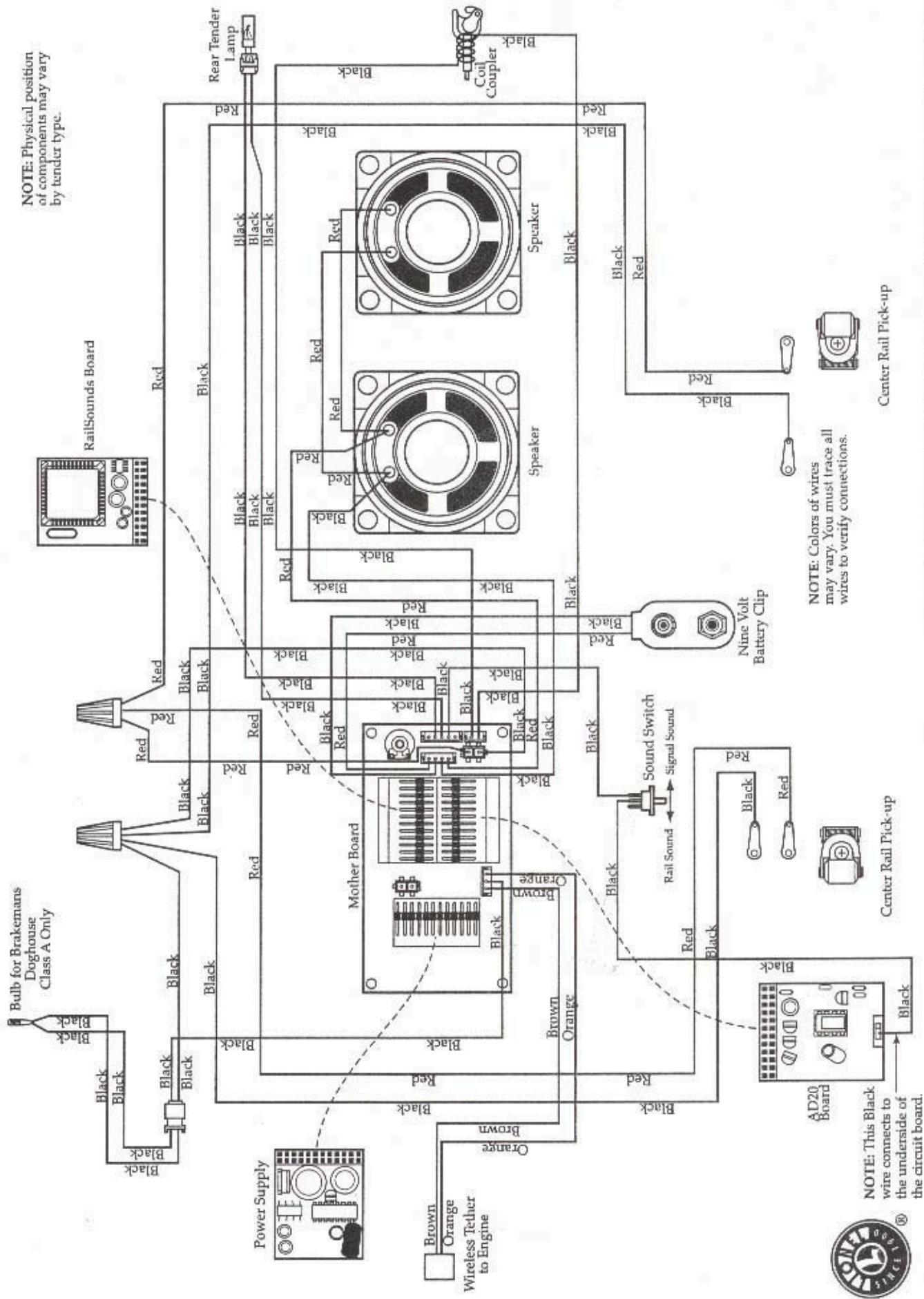


NOTE: Physical position of components may vary by engine type.

NOTE: Colors of wires may vary. You must trace all wires to verify connections.

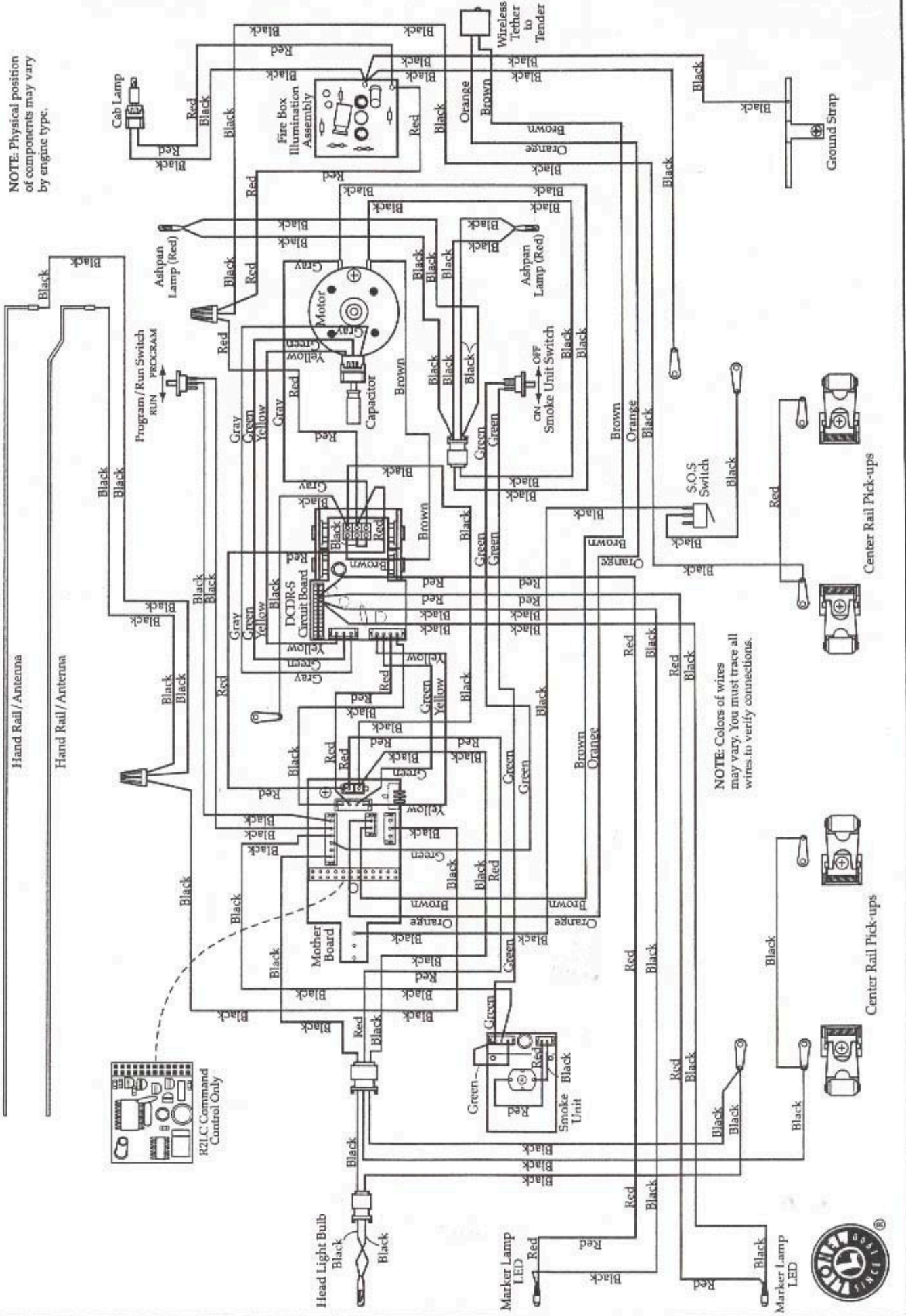


TENDER FOR TYPICAL 2-6-6-4 ARTICULATED STEAM LOCOMOTIVE (NON-ODYSSEY) WITH RAILSOUNDS PICTORIAL WIRING DIAGRAM



TYPICAL 2-8-8-4 ARTICULATED STEAM LOCOMOTIVE WITH COMMAND CONTROL AND ODYSSEY SYSTEM PICTORIAL WIRING DIAGRAM

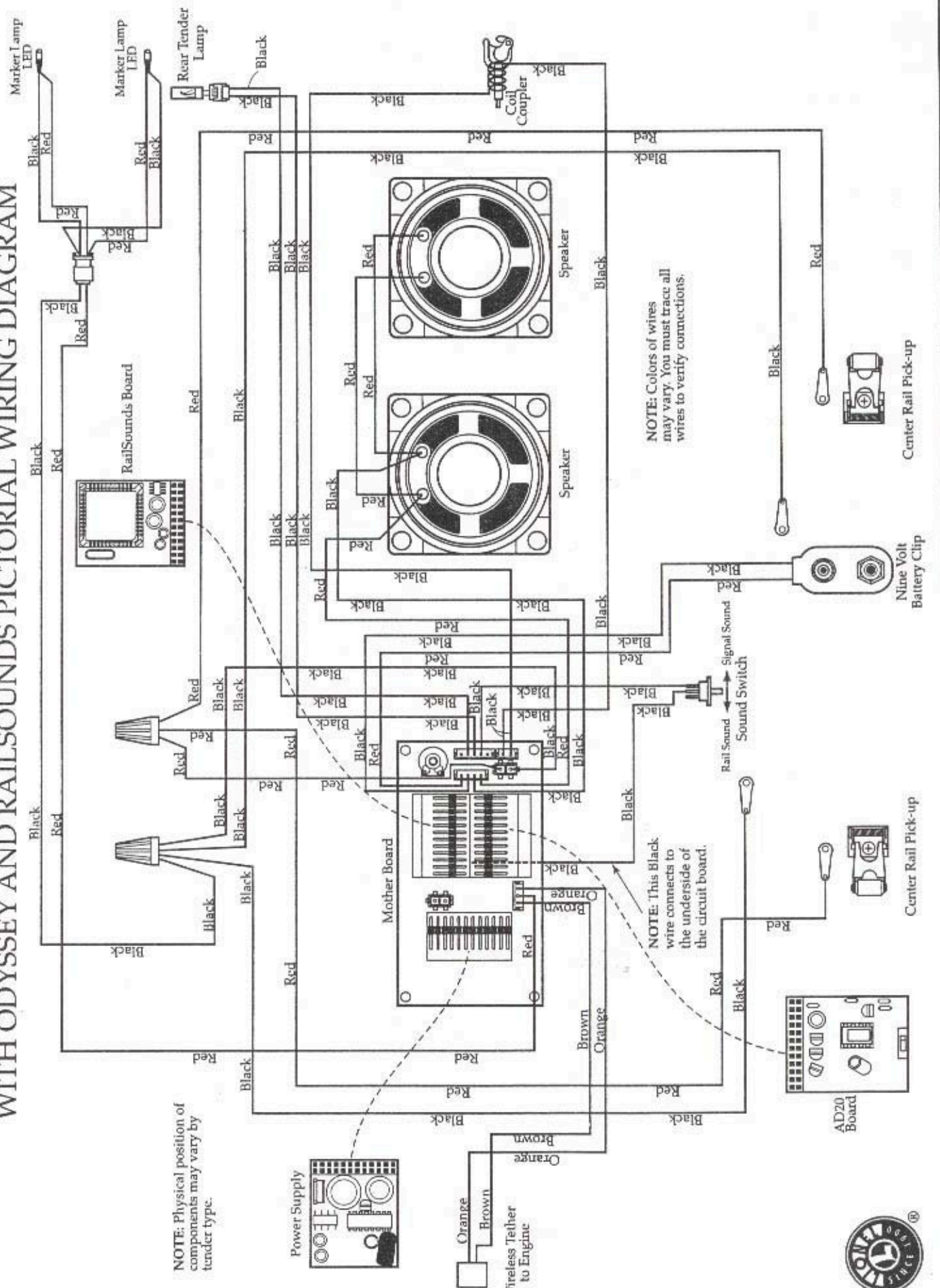
NOTE: Physical position of components may vary by engine type.



NOTE: Colors of wires may vary. You must trace all wires to verify connections.



TENDER FOR TYPICAL 2-8-8-4 ARTICULATED STEAM LOCOMOTIVE WITH ODYSSEY AND RAILSOUNDS PICTORIAL WIRING DIAGRAM



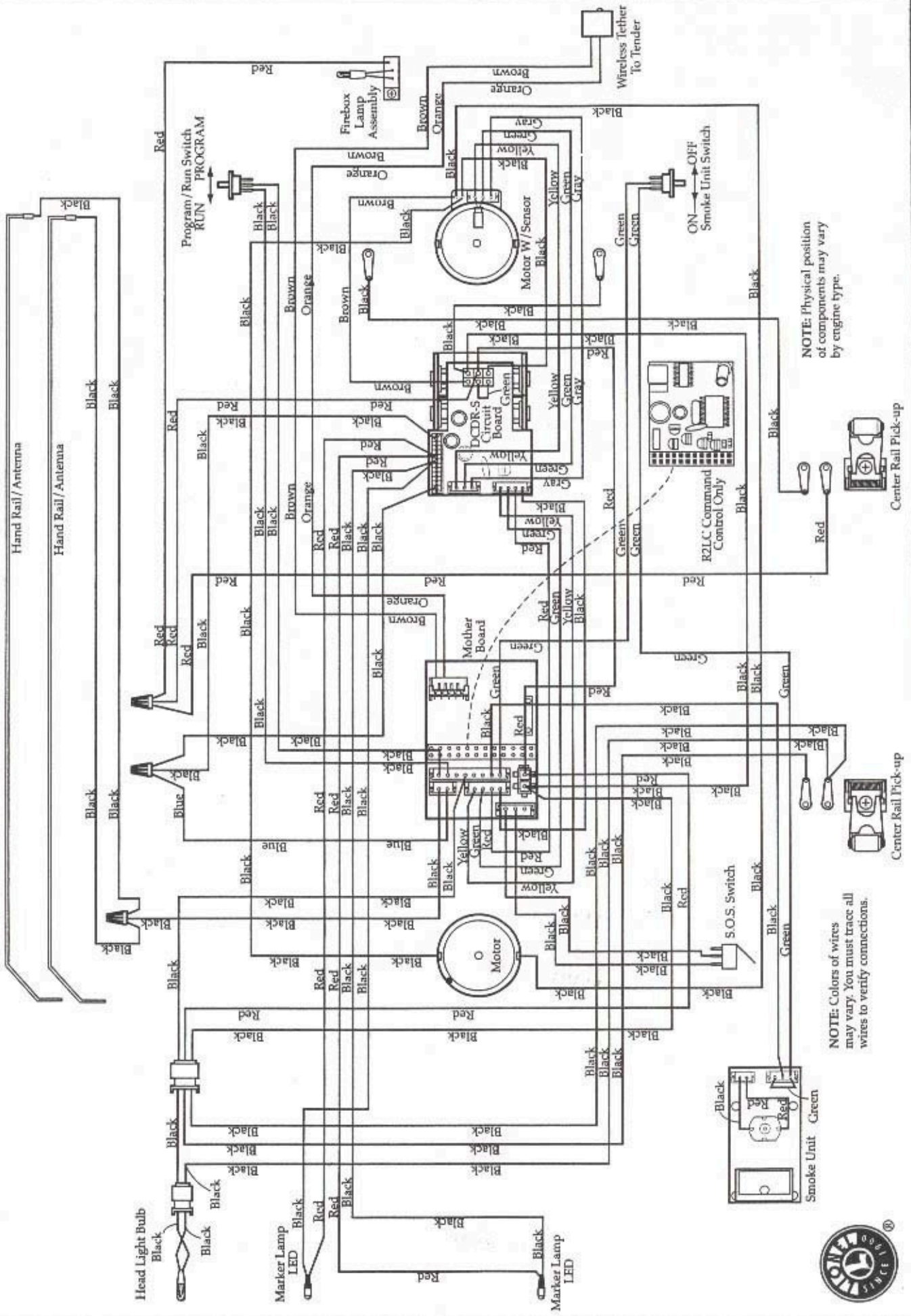
NOTE: Physical position of components may vary by tender type.

NOTE: Colors of wires may vary. You must trace all wires to verify connections.

NOTE: This Black wire connects to the underside of the circuit board.



TYPICAL 4-6-6-4 LIONMASTER STEAM ENGINE WITH COMMAND CONTROL, RAILSOUNDS AND ODYSSEY SYSTEM PICTORIAL WIRING DIAGRAM



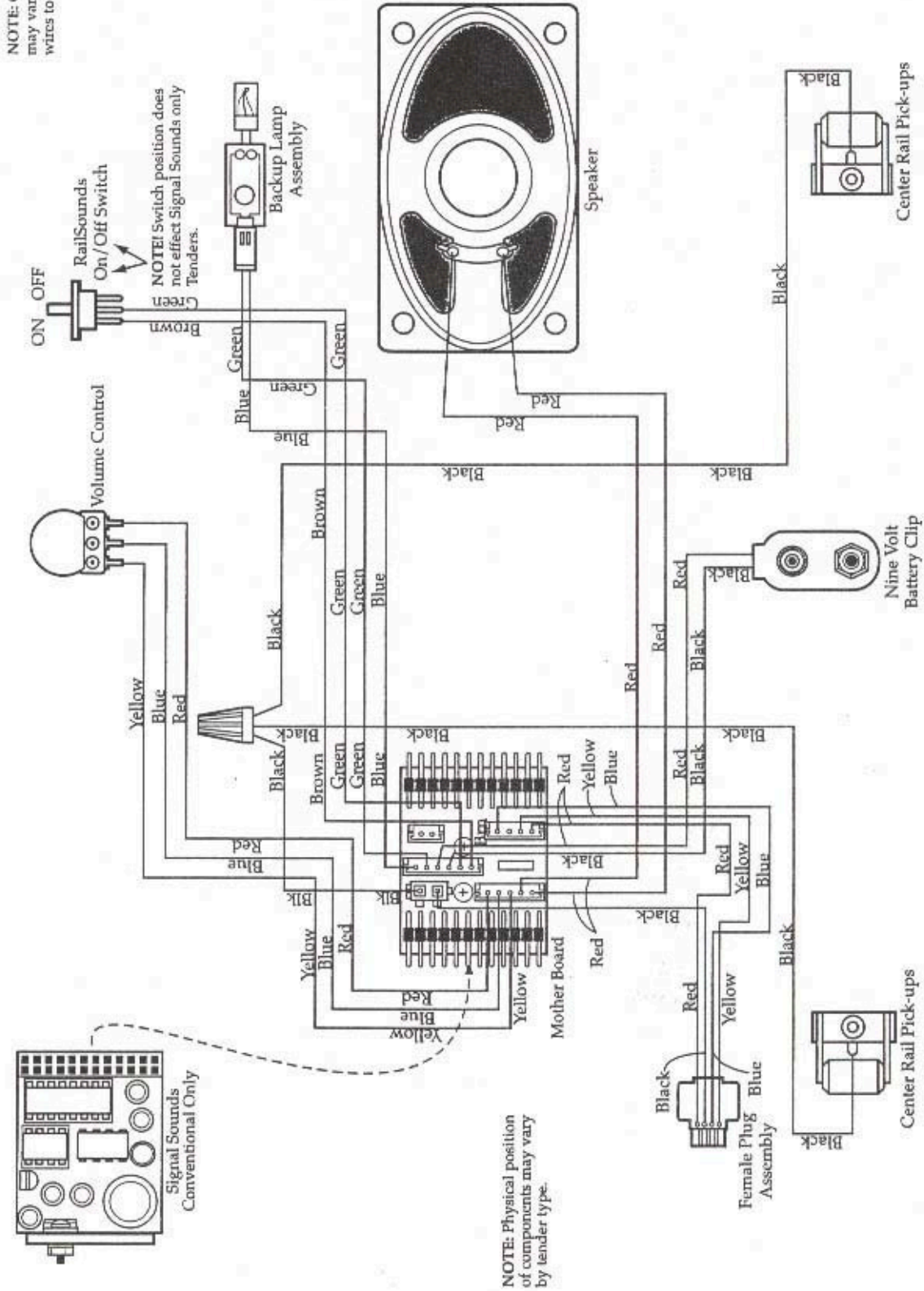
NOTE: Physical position of components may vary by engine type.

NOTE: Colors of wires may vary. You must trace all wires to verify connections.



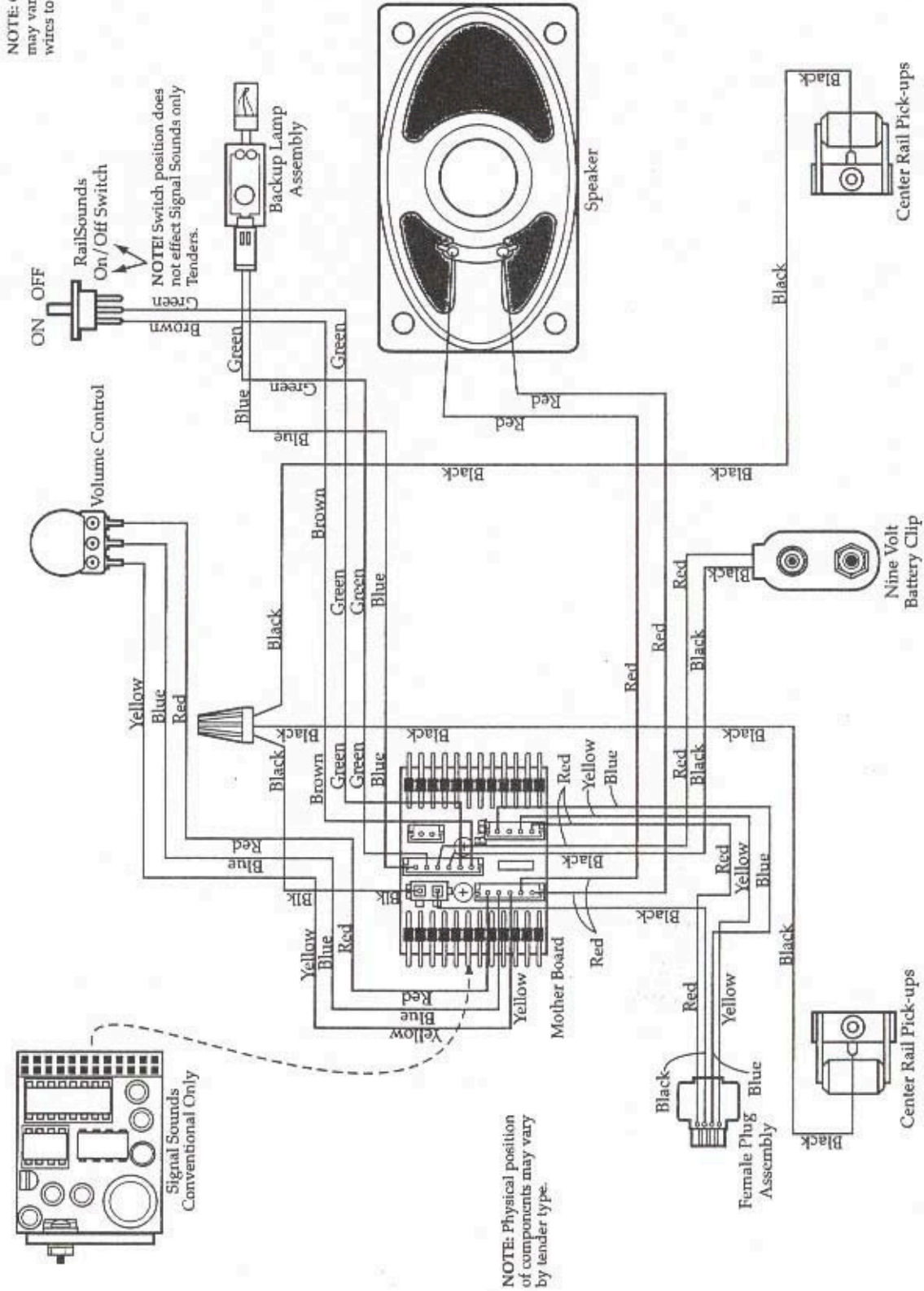
TYPICAL TENDER CONVENTIONAL (NON-ODYSSEY) WITH SIGNAL SOUNDS PICTORIAL WIRING DIAGRAM

NOTE: Colors of wires may vary. You must trace all wires to verify connections.

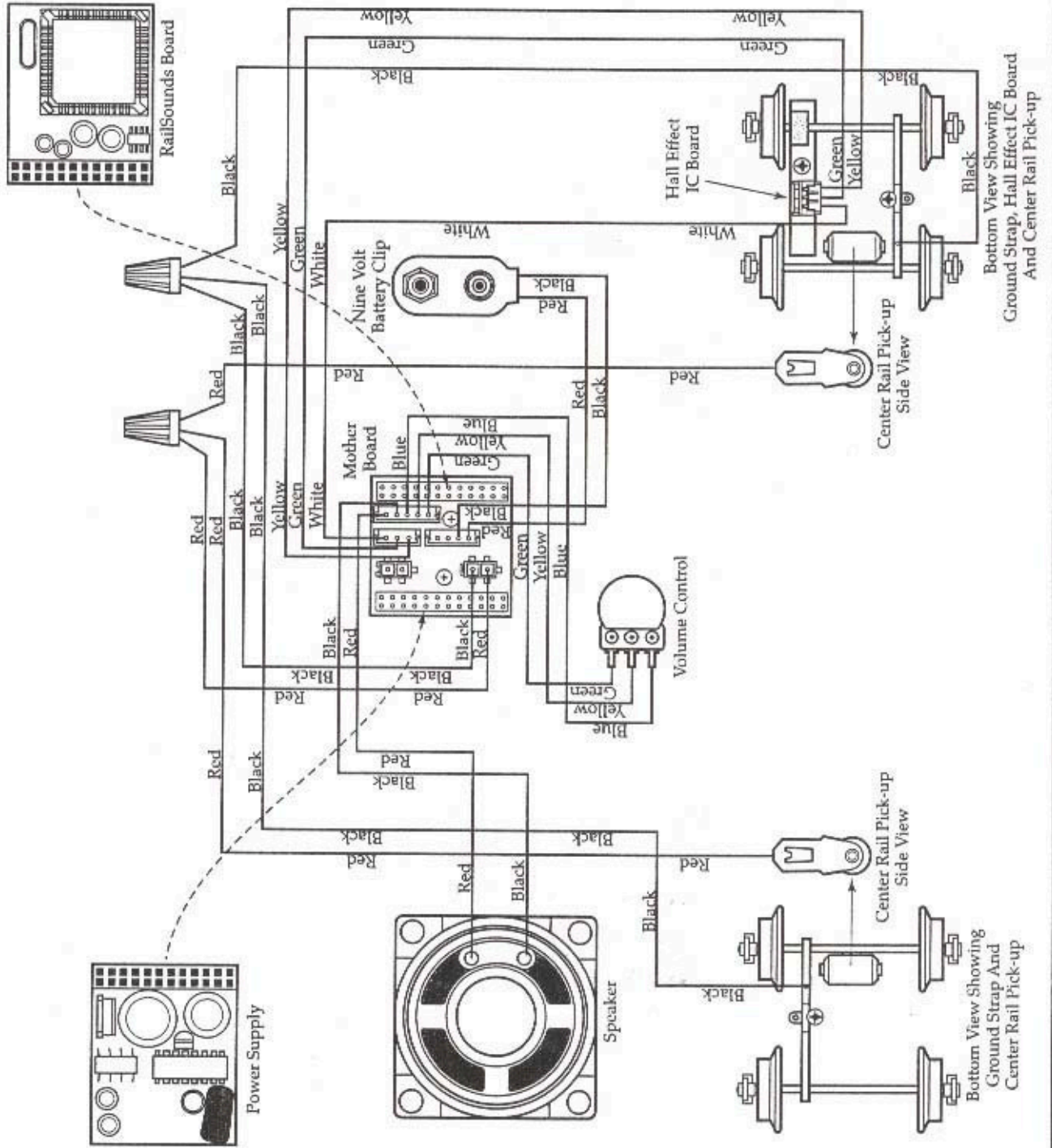


TYPICAL TENDER CONVENTIONAL (NON-ODYSSEY) WITH SIGNAL SOUNDS PICTORIAL WIRING DIAGRAM

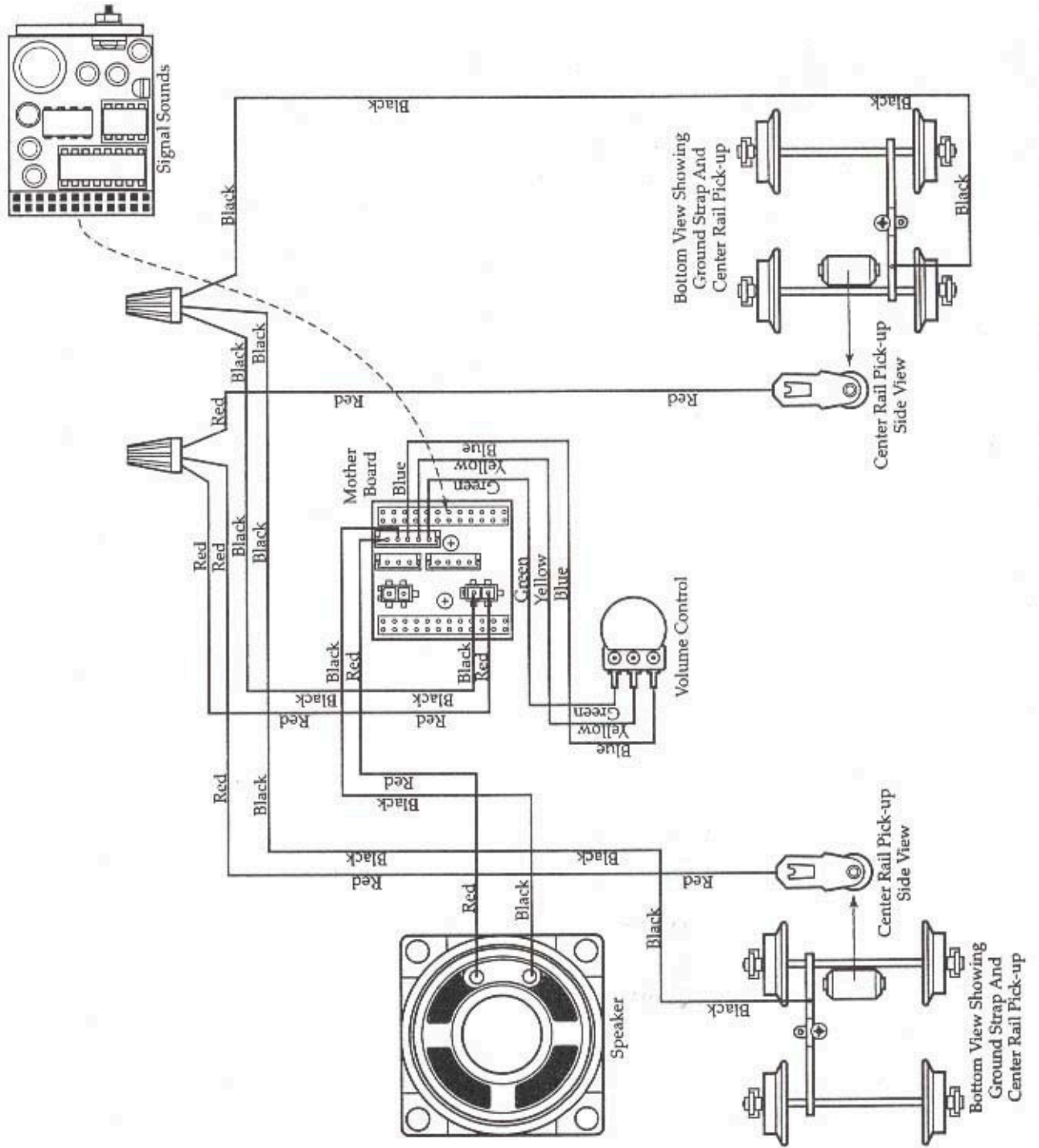
NOTE: Colors of wires may vary. You must trace all wires to verify connections.



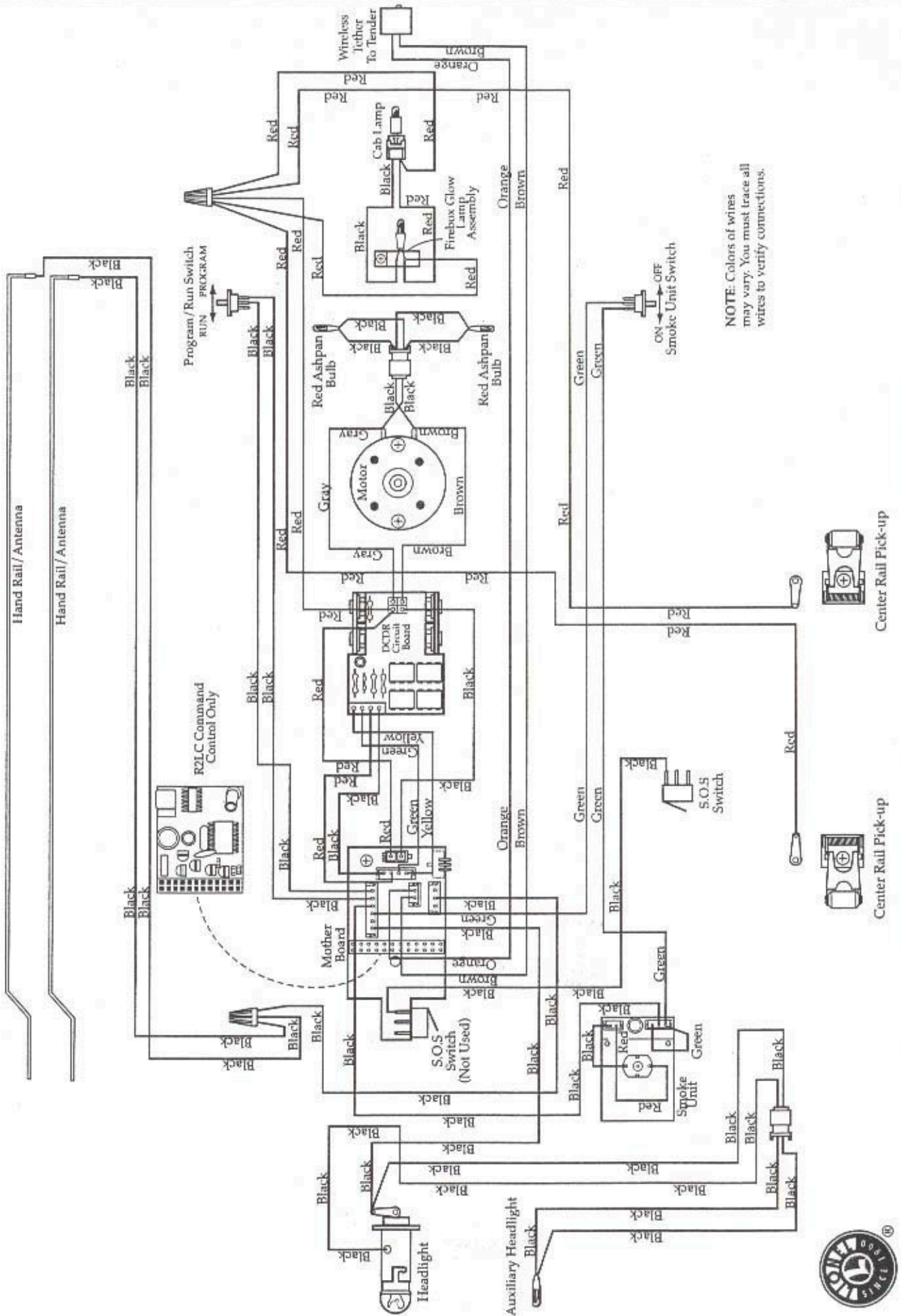
HUDSON JR TENDER W/ CONVENTIONAL RAILSOUNDS PICTORIAL WIRING DIAGRAM



HUDSON JR TENDER W/SIGNAL SOUNDS PICTORIAL WIRING DIAGRAM



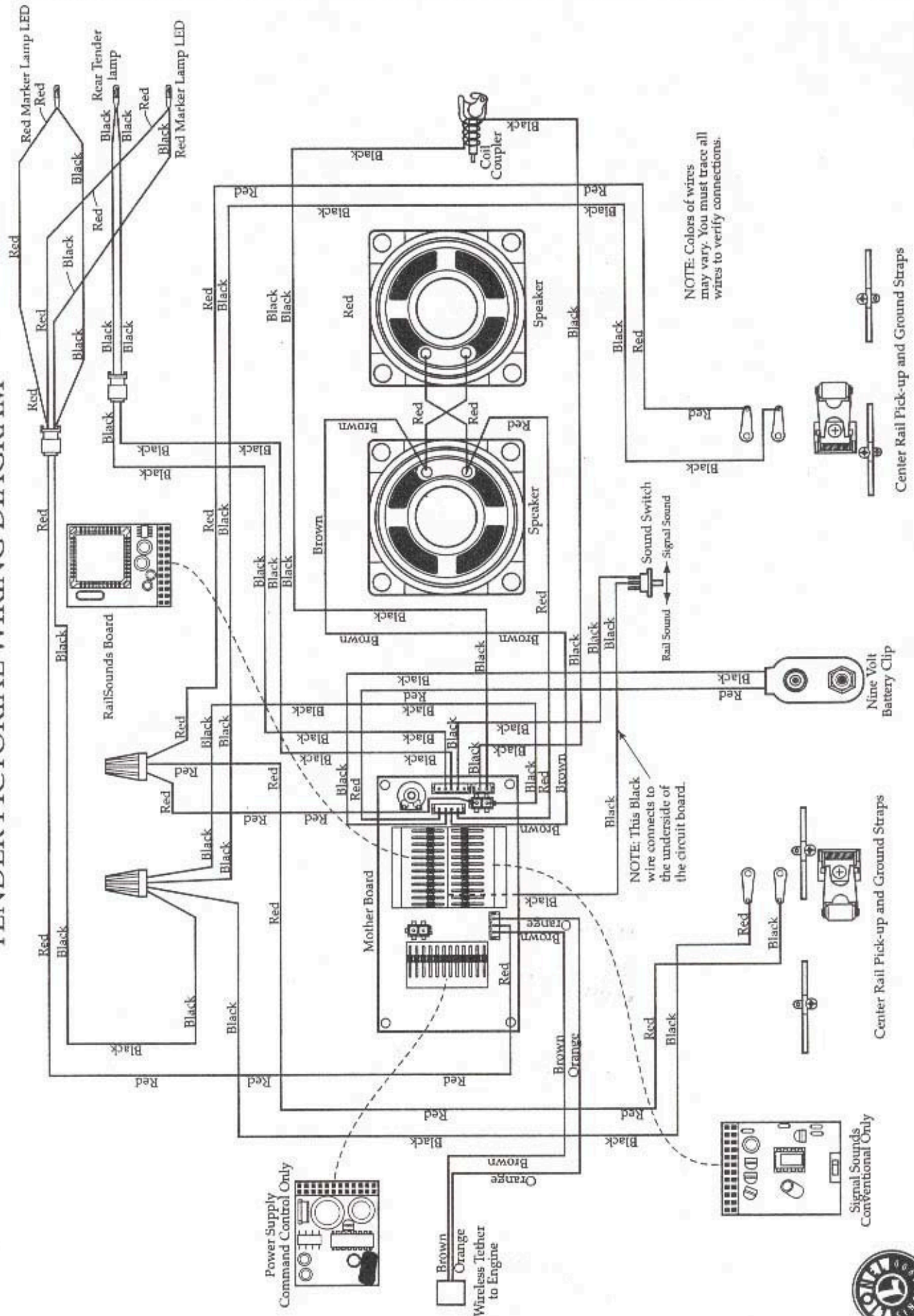
620-8063-001 PENNSYLVANIA T1 4-4-4 3 RAIL STEAM LOCOMOTIVE PICTORIAL WIRING DIAGRAM



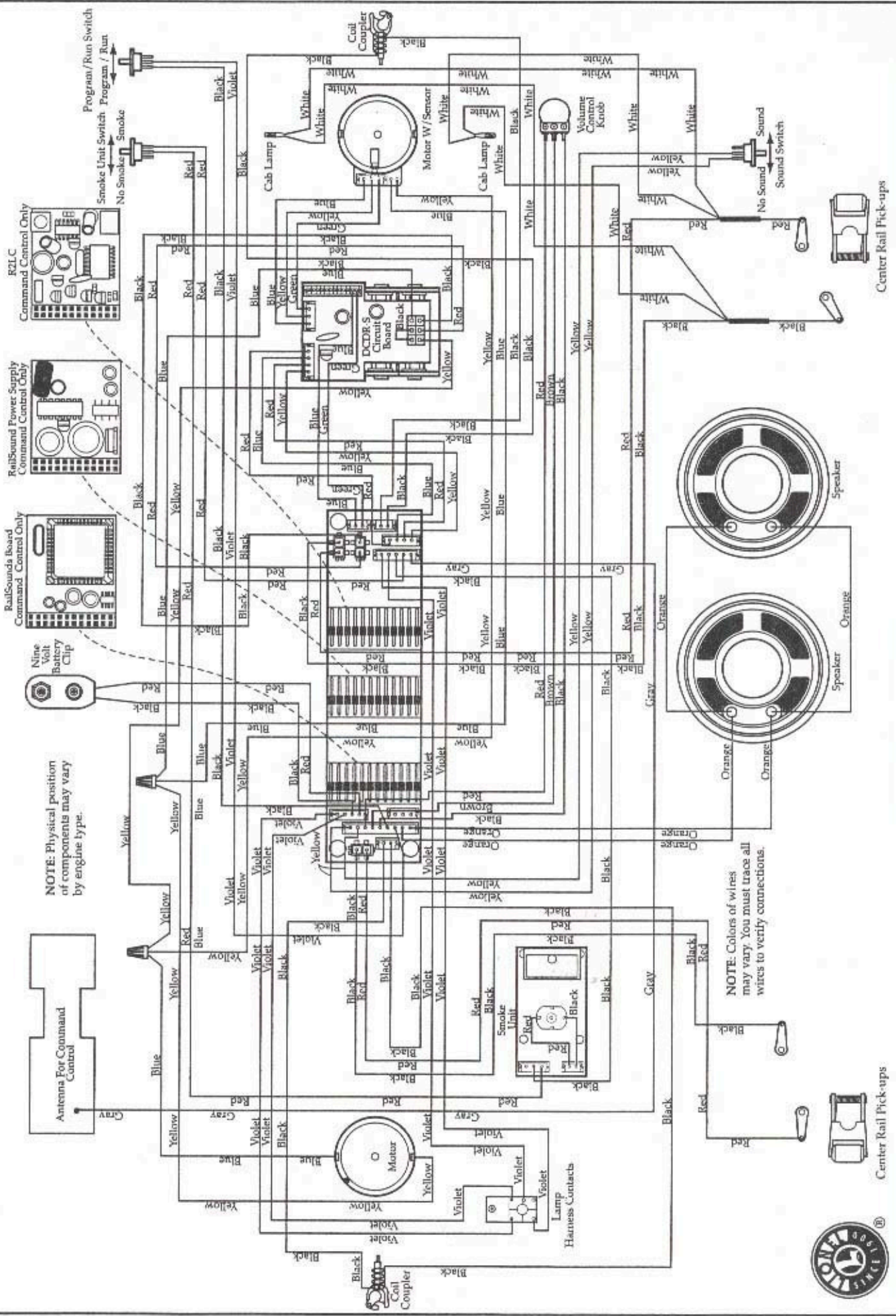
NOTE: Colors of wires may vary. You must trace all wires to verify connections.



692-8063-T01 PENNSYLVANIA T1-4-4-4-3 RAIL STEAM LOCOMOTIVE-TENDER PICTORIAL WIRING DIAGRAM



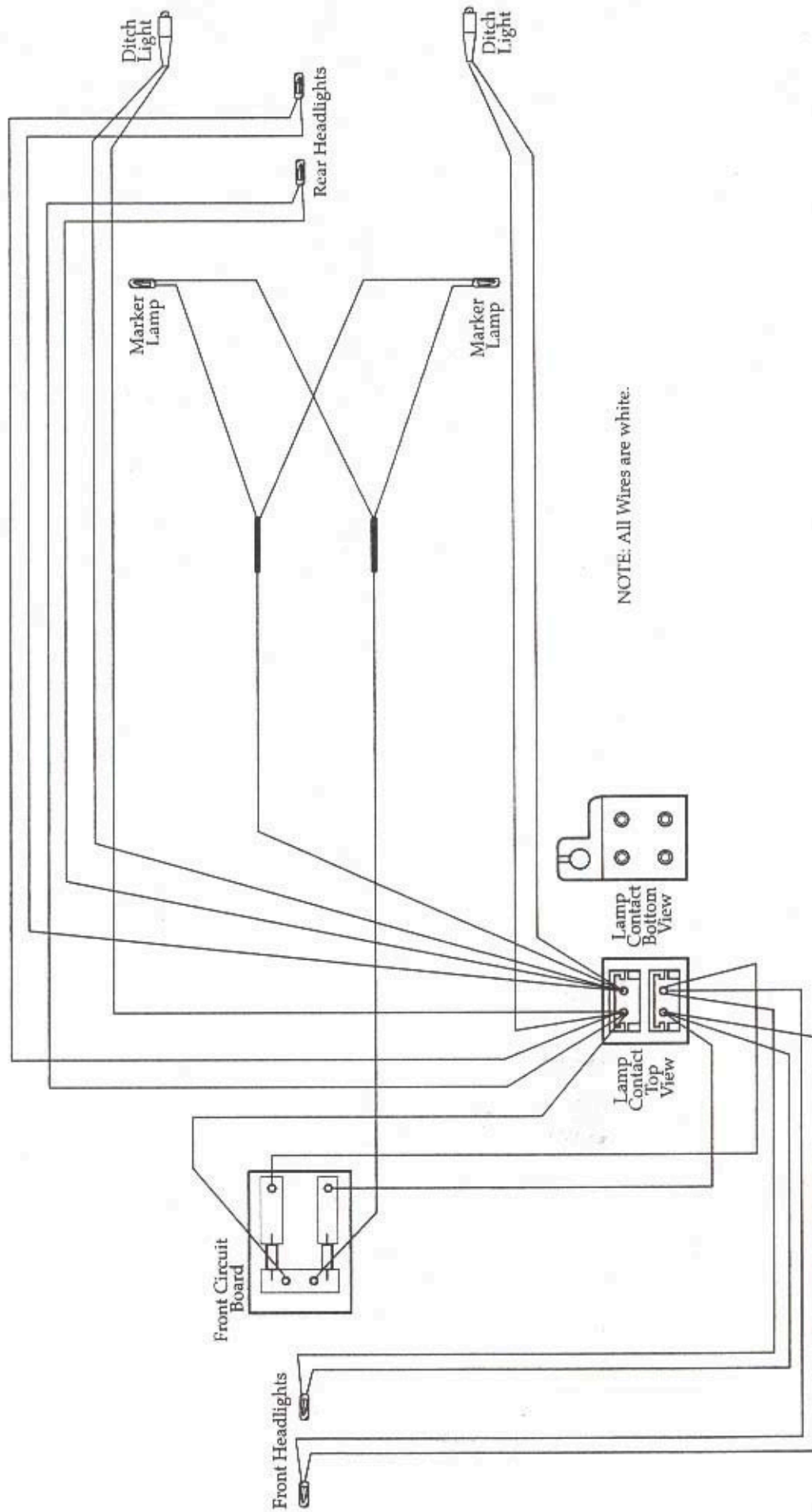
DASH 9-44 CW DIESEL WITH COMMAND CONTROL, RAILSOUNDS AND ODYSSEY SYSTEM PICTORIAL WIRING DIAGRAM



Center Rail Pick-ups

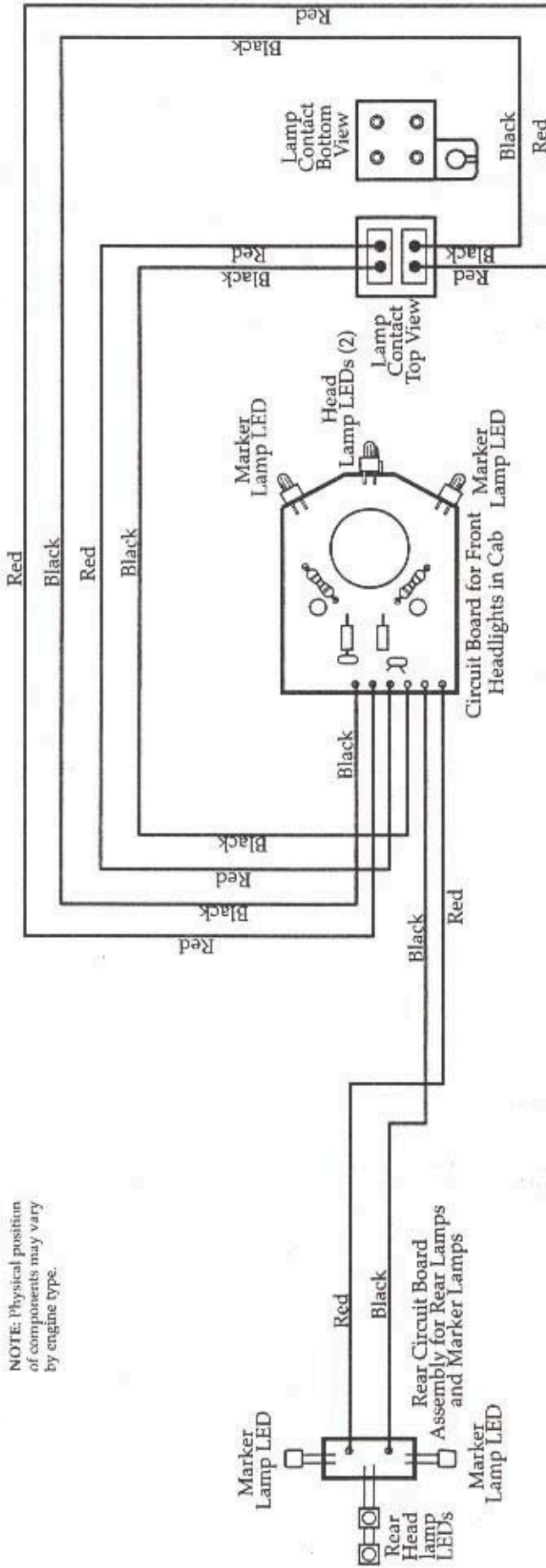
Center Rail Pick-ups

DASH 9-44 CW DIESEL WITH COMMAND CONTROL, RAILSOUNDS AND ODYSSEY SYSTEM FRONT AND REAR HEADLIGHTS, MARKER LAMPS AND DITCH LIGHTS PICTORIAL WIRING DIAGRAM



TYPICAL DIESEL LOCOMOTIVES CONVENTIONAL AND COMMAND CONTROL (NON-ODYSSEY) HEADLIGHT AND MARKER LAMPS PICTORIAL WIRING DIAGRAM

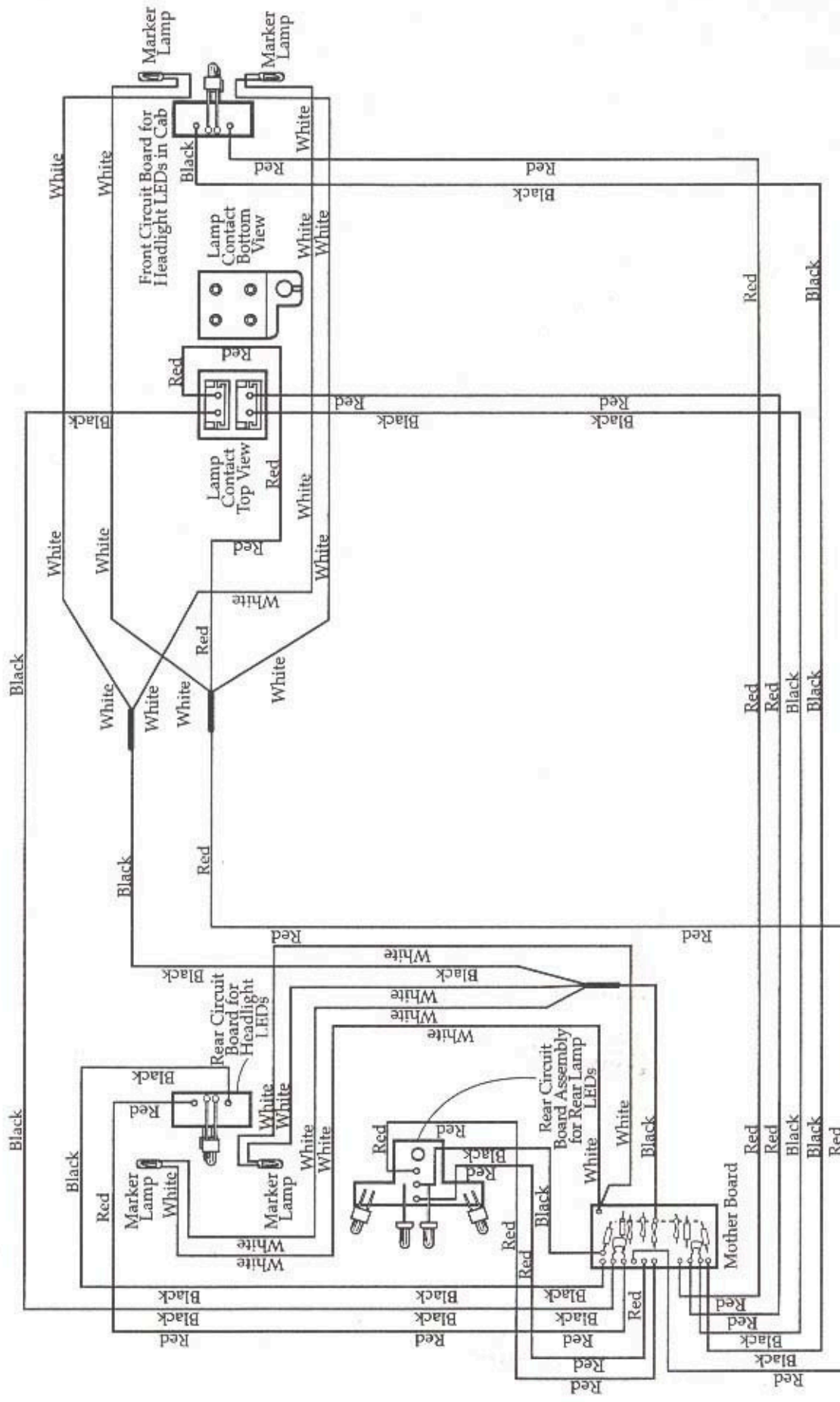
NOTE: Physical position of components may vary by engine type.



NOTE: Colors of wires may vary. You must trace all wires to verify connections.



TYPICAL DIESEL WITH COMMAND CONTROL, RAILSOUNDS AND ODYSSEY SYSTEM FRONT AND REAR HEADLIGHTS AND MARKER LAMPS PICTORIAL WIRING DIAGRAM

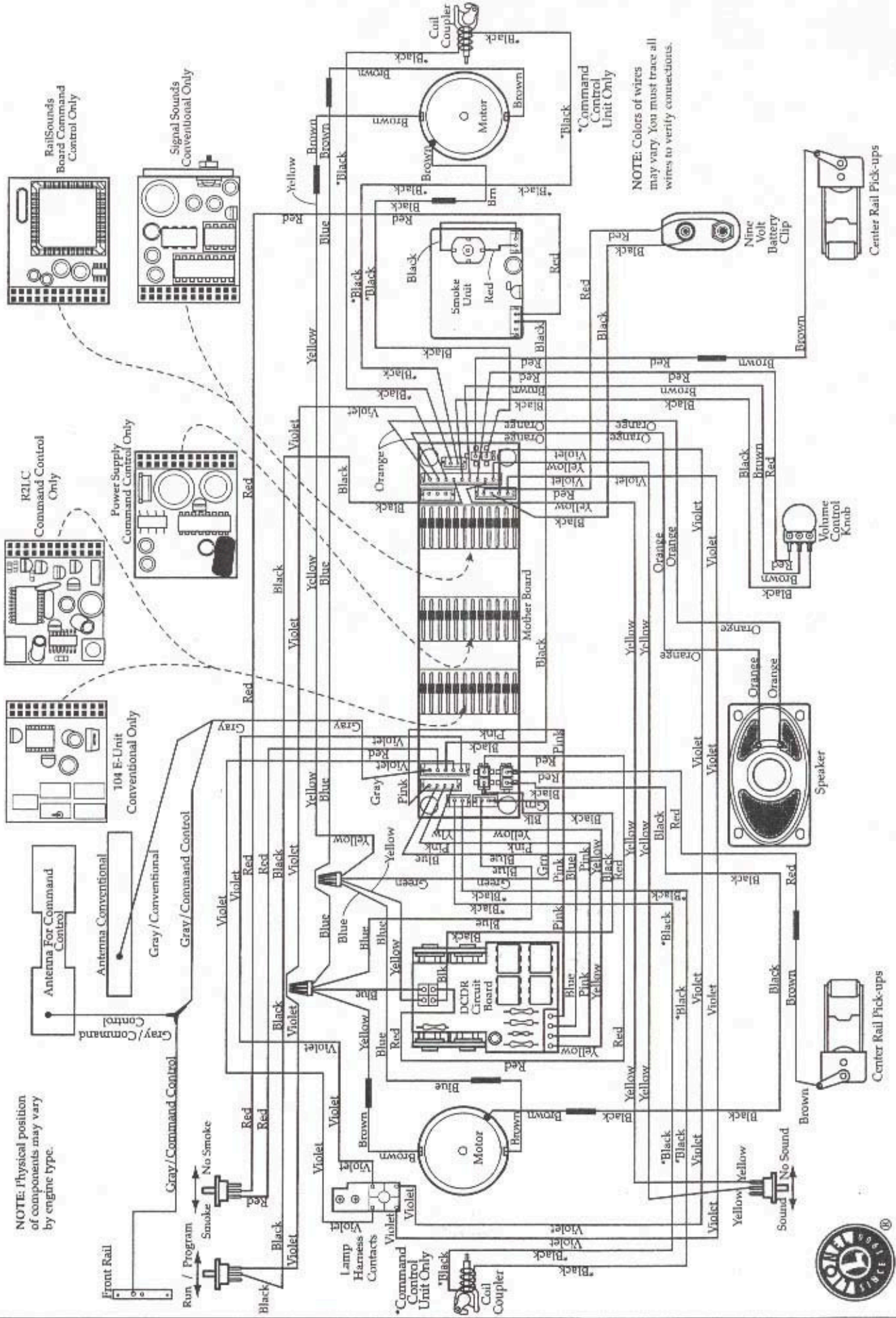


NOTE: Colors of wires may vary. You must trace all wires to verify connections.

NOTE: Physical position of components may vary by engine type.

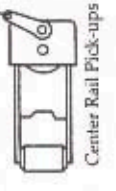
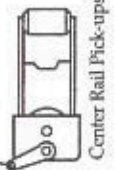


TYPICAL DIESEL LOCOMOTIVE CONVENTIONAL AND COMMAND CONTROL (NON-ODYSSEY) PICTORIAL WIRING DIAGRAM



NOTE: Physical position of components may vary by engine type.

NOTE: Colors of wires may vary. You must trace all wires to verify connections.

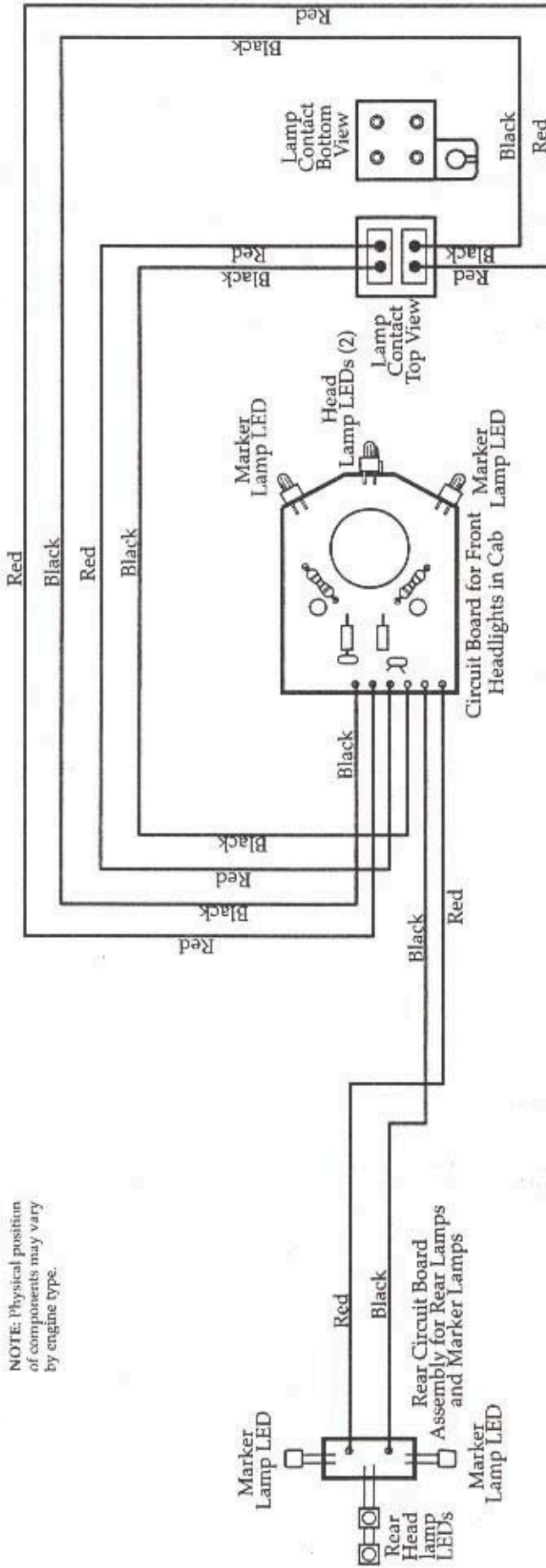


Center Rail Pick-ups

Center Rail Pick-ups

TYPICAL DIESEL LOCOMOTIVES CONVENTIONAL AND COMMAND CONTROL (NON-ODYSSEY) HEADLIGHT AND MARKER LAMPS PICTORIAL WIRING DIAGRAM

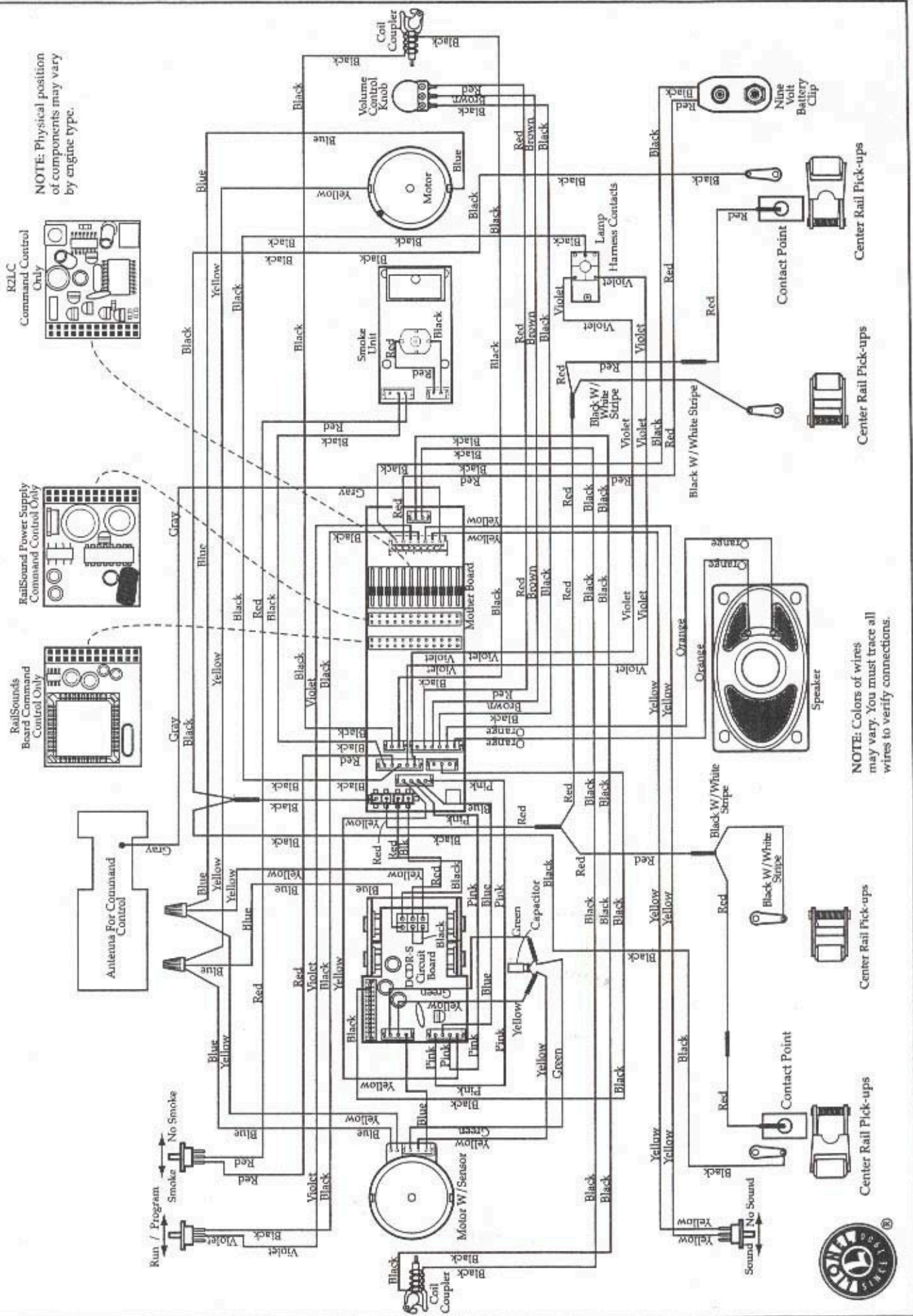
NOTE: Physical position of components may vary by engine type.



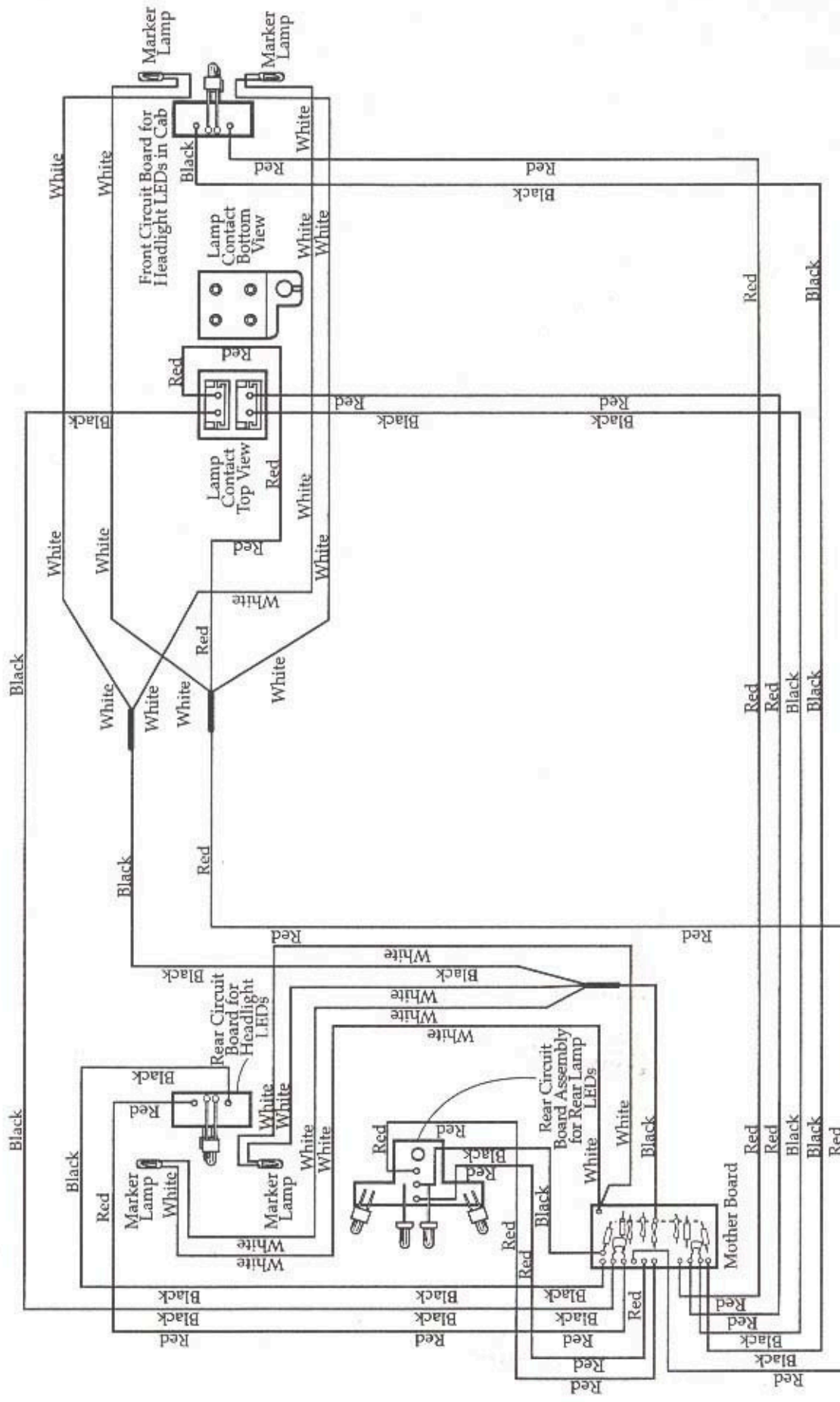
NOTE: Colors of wires may vary. You must trace all wires to verify connections.



TYPICAL DIESEL WITH COMMAND CONTROL, RAILSOUNDS, AND ODYSSEY SYSTEM PICTORIAL WIRING DIAGRAM



TYPICAL DIESEL WITH COMMAND CONTROL, RAILSOUNDS AND ODYSSEY SYSTEM FRONT AND REAR HEADLIGHTS AND MARKER LAMPS PICTORIAL WIRING DIAGRAM

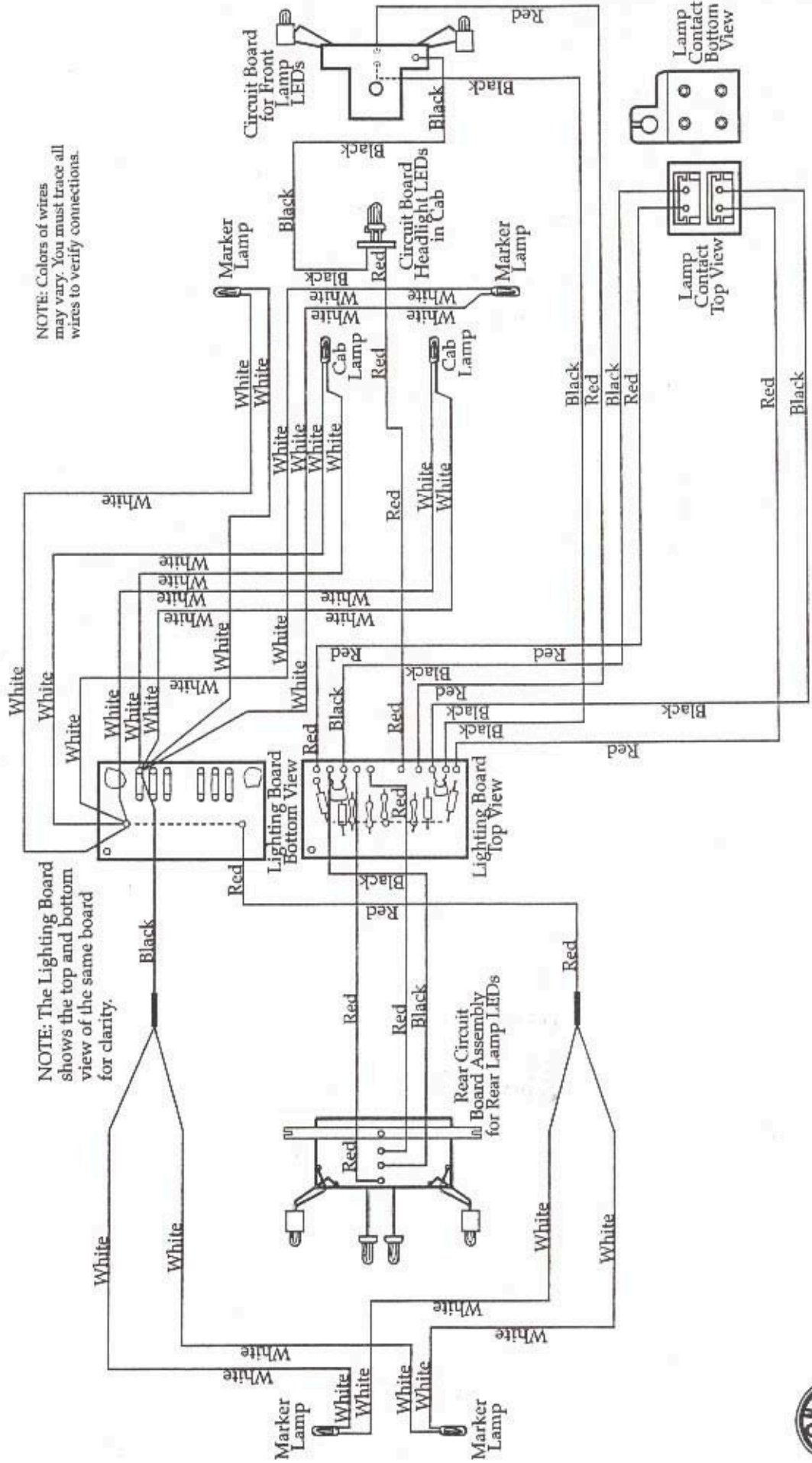


NOTE: Colors of wires may vary. You must trace all wires to verify connections.

NOTE: Physical position of components may vary by engine type.

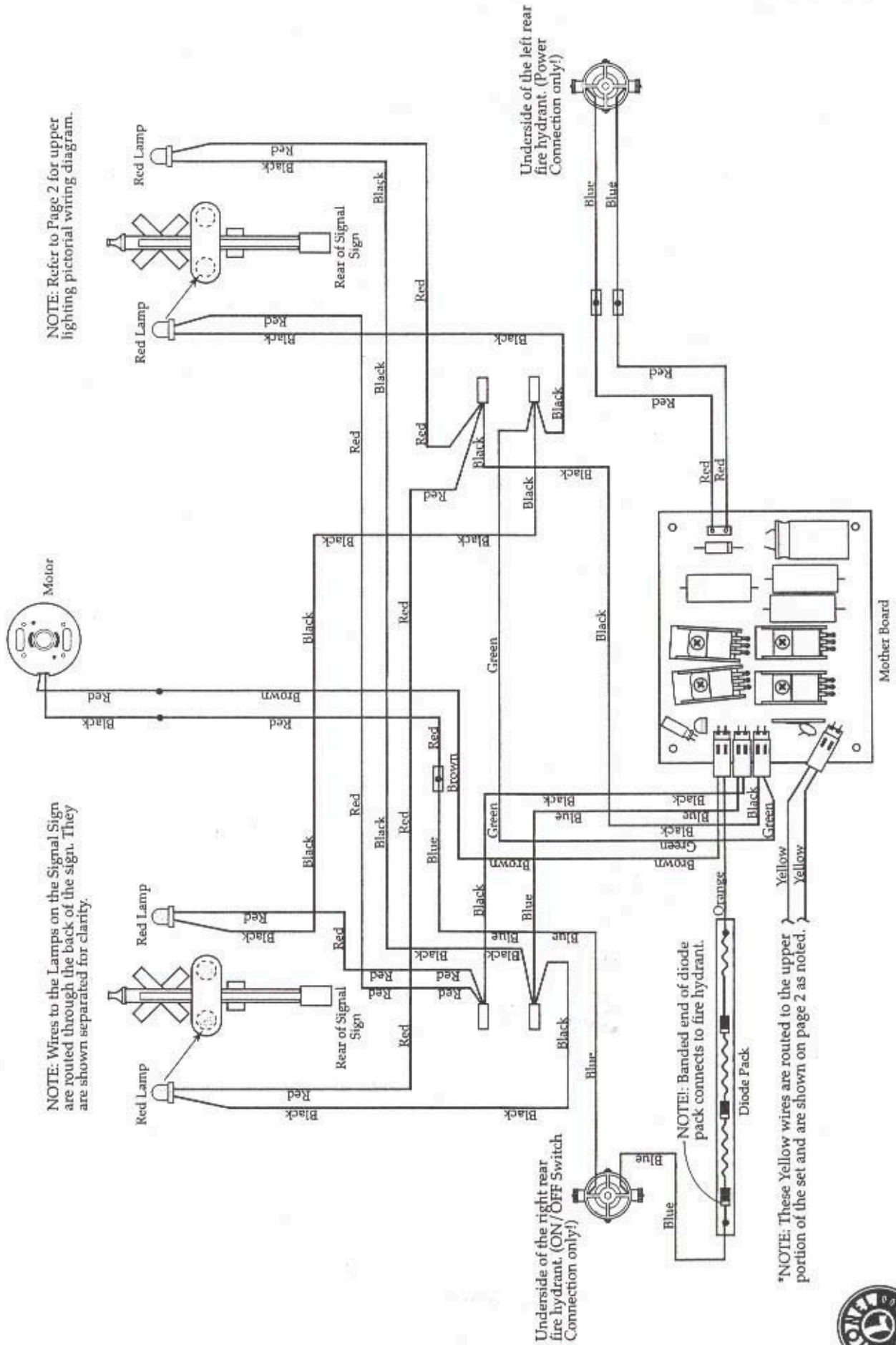


SD40-2 DIESEL HEADLIGHT CAB LIGHT AND MARKER LAMPS (ODYSSEY) PICTORIAL WIRING DIAGRAM



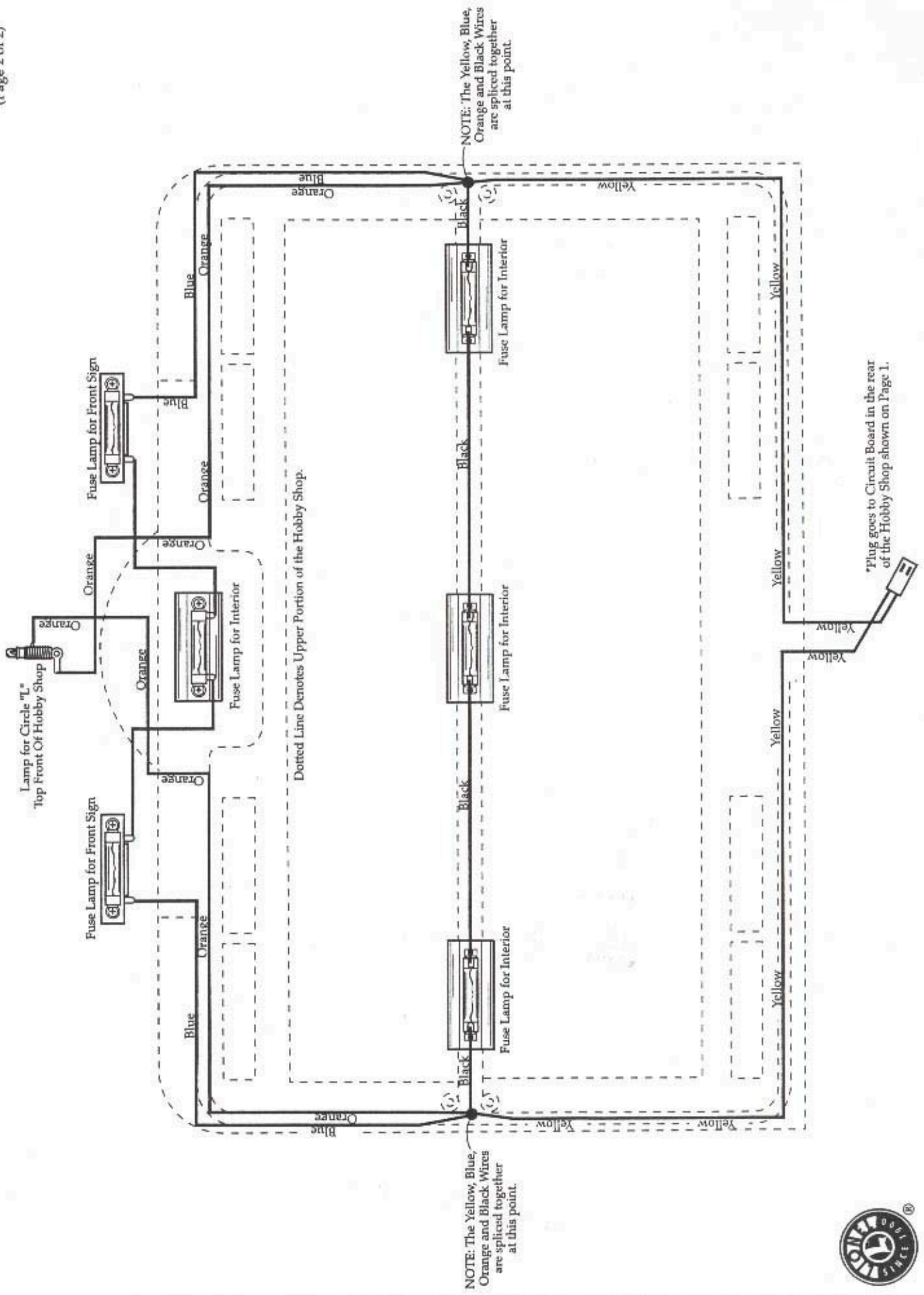
LIONEL HOBBY SHOP PICTORIAL WIRING DIAGRAM

(Page 1 of 2)



LIONEL HOBBY SHOP LIGHTING PICTORIAL WIRING DIAGRAM

(Page 2 of 2)



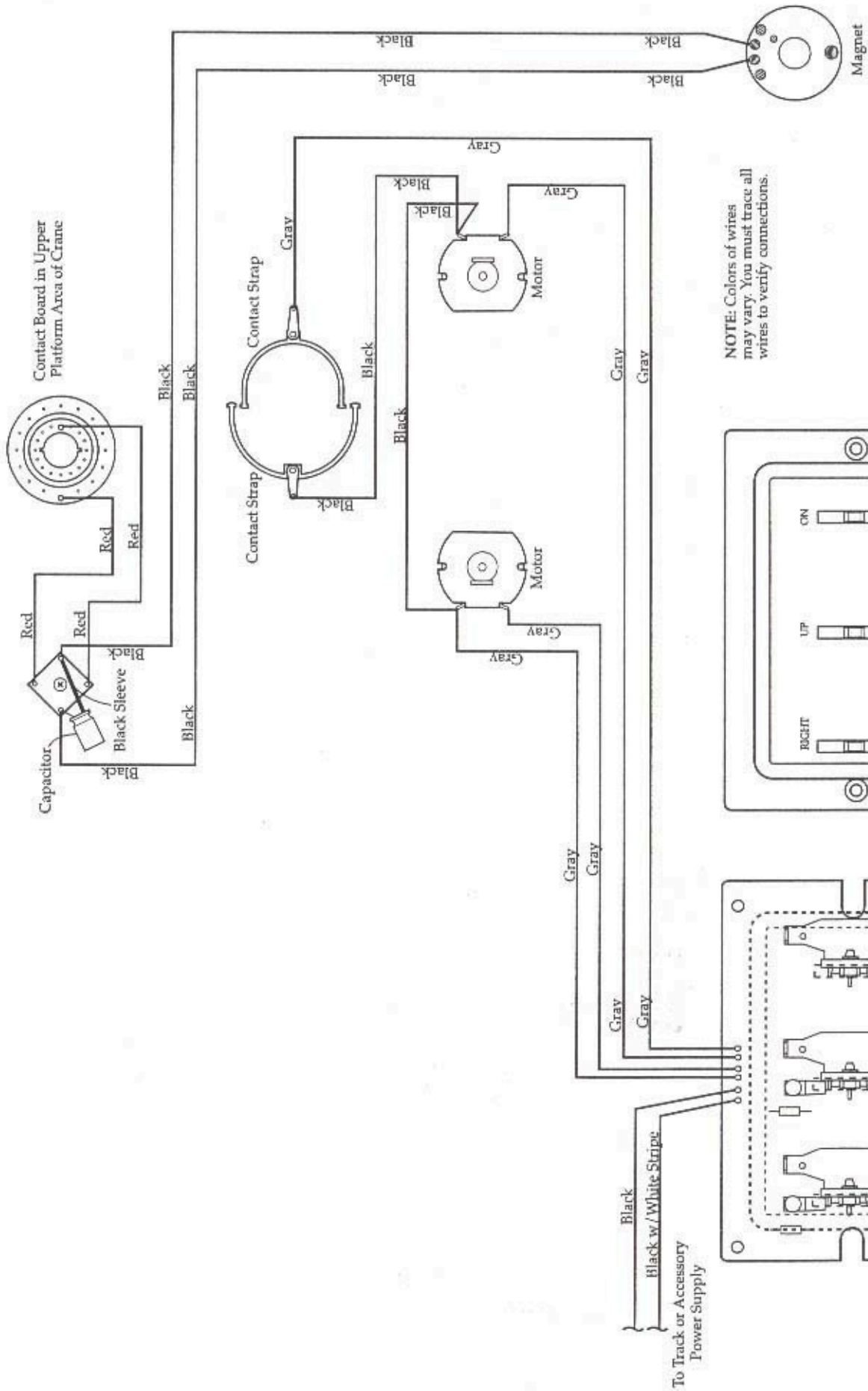
NOTE: The Yellow, Blue, Orange and Black Wires are spliced together at this point.

NOTE: The Yellow, Blue, Orange and Black Wires are spliced together at this point.

Dotted Line Denotes Upper Portion of the Hobby Shop.



TRIPLE-ACTION MAGNETIC CRANE PICTORIAL WIRING DIAGRAM



NOTE: Colors of wires may vary. You must trace all wires to verify connections.



View of the outside of the Controller

View of the inside of the Controller