Jacobsen Declaration
Exhibit L
Instructions for DH121 Series Decoder Installation

DH121, DH121P, DH121PS, DH121AT

1.5 Amp (2.0 Amp Peak) Mobile DCC Decoder

Easy connect decoder wire harness

Supports Both Short (127) & Long (10,000) Address Modes

User Programmable Address, Acceleration, Deceleration, Start-voltage, Mid-point voltage, Max Voltage and more

Programmable from DCC compatible equipment without opening the loco

Smooth conversion to analog operation with functions operational

2 User Configurable, Independent Function Leads Rated at 200ma

Can be used as independent functions or directional headlights

Smooth locomotive speed control with user selectable 14, 28, or 128 forward & reverse speed step capabilities

User loadable speed tables for customized speed control

Supports Basic, Advanced & UniVersal Consisting

Compatible with the NMRA DCC Standard

Complies with FCC Part 15, class B RFI requirements

Made in USA
Decoder Installation Wiring Diagram
For DH121 Series Decoders

See Digitrax Decoder Users Manual for complete decoder test procedures, installation instructions & technical information. This manual is available at no charge from your dealer. If your dealer is out of these manuals, contact Digitrax (770) 441-7992, Fax (770) 441-0759, or e-mail sales@digitrax.com and we will gladly send you a copy.

WARNING:
To prevent decoder damage, be sure the motor brushes are properly isolated before applying power!

Right Rail (Engineer's Side)
Left Rail (Fireman's Side)
Motor -
Motor +
Red
Yellow
Green
White
Orange
Gray
Forward Light*
Reverse Light*
Light Common
Function 1
Function 2
Violet

DH Series
1.5 Amp Decoders

Note: DH121 uses the same wire harness as other DH Decoders but, the green & violet wires are not functional in the DH121.

* On DH142 & DH121, forward and reverse lights can be run as independent functions on F0 & F4. See CV61 below and see Digitrax Decoder Manual for Complete Instructions.

Damaged decoders should be returned directly to Digitrax for repair.
The standard repair charge is $17.