

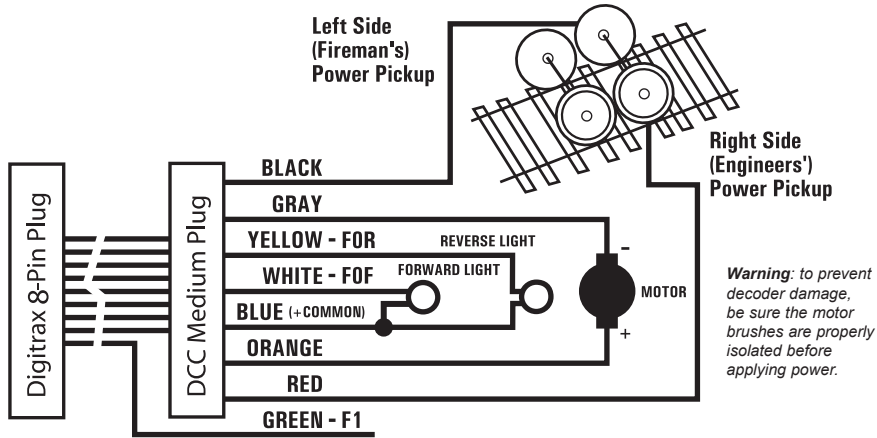




# DNWHPS

Short (2.0") Wiring Harness for use with DCC decoders equipped with Digitrax 8 pin socket

Figure 1. DNWHPS Wiring Diagram showing pin outs for DCC plug.



### Installation Notes:

1. Do not exceed the decoder's total function output rating.
2. We recommend that the Blue wire, also called +Common or Lamp Common, be connected as shown (automatically done with DCC medium plug). If you wish to omit the Blue wire in your installation, consult the Digitrax Decoder Manual for more information.
3. The head lamp should be hooked up using the Blue/+Common wire for optimal Digitrax transponding operation (automatically done with DCC medium plug configuration).
4. To use a function output with an inductive (coil) type load, see the Digitrax Decoder Manual for more information to avoid damage to the decoder.
5. See the Digitrax Decoder Manual for full details of wiring 12-16V lamps, 1.5V lamps, and LEDs. Lamps that draw more than 80 mA when running require a 22 ohm 1/4 watt resistor in series with the directional light function lead to protect the decoder.
6. Some locomotives employ filter capacitors for RFI suppression in the locomotive wiring. These may cause problems with Supersonic decoders and non-decoder analog operation on DCC. This capacitor should be removed for safe operation.

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2443 Transmitter Road  
Panama City, FL 32404

www.digitrax.com  
T 850-872-9890  
F 850-872-9557

Made in U.S.A.



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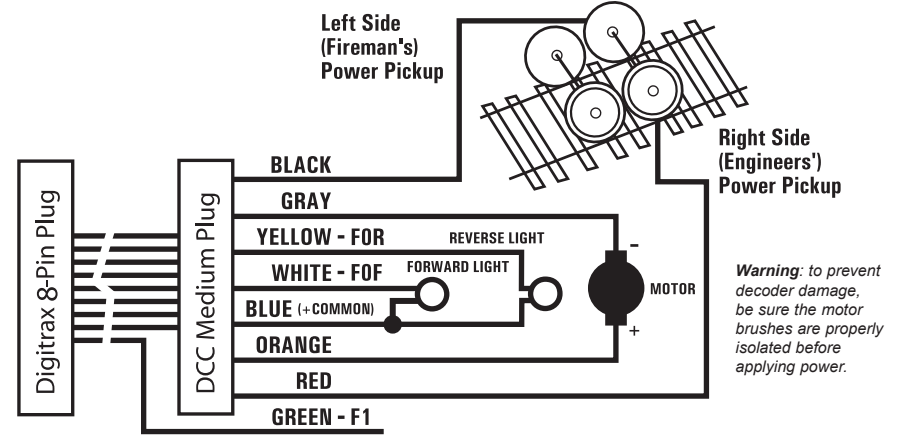
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