TCS™

Our Famous GOOF PROOF Warranty

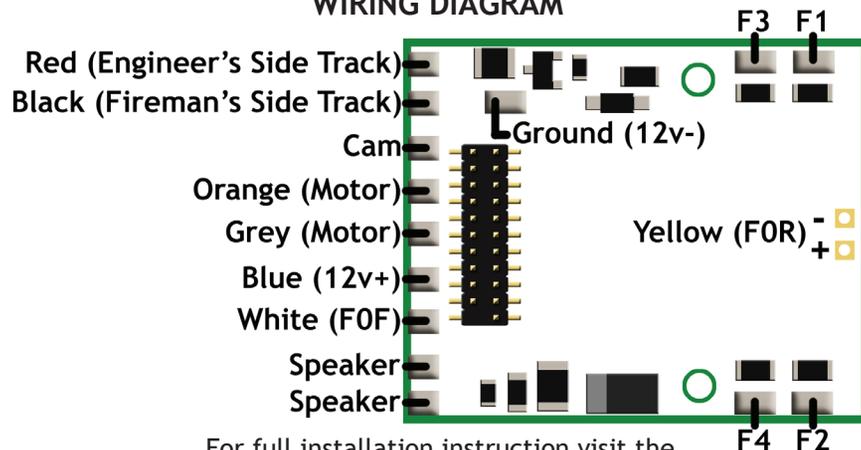1545 **B-MB2**

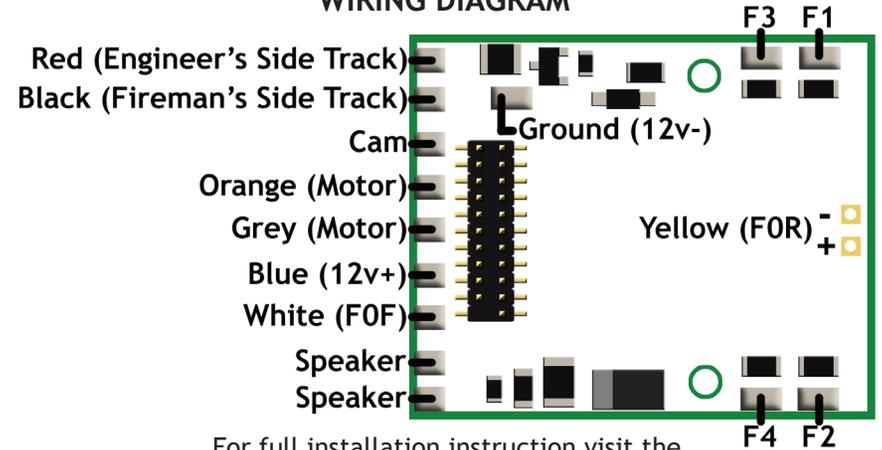| Scale	Pairs well with
HO	WOW121-Steam and EU621

Dimensions 1.4"x1.18"x.48" or 35.6mm x 30mm x 12.2mm

This motherboard is designed to replace the original lighting board in Bachmann steam engines including the heavy 4-8-2. Included on this motherboard is a KA3 Keep-Alive™ for smooth operation over troublesome tracks. Pair with a WOW121 for unparalleled sound and interruption free performance. Onboard LED resistors are provided for functions F1-F6. If you intend to use LEDs for the forward and reverse lights (F0F-F0R) you must use external resistors.

NOTE: This product does not function without a 21-pin decoder.

WIRING DIAGRAM

Red (Engineer's Side Track)
Black (Fireman's Side Track)
Cam
Orange (Motor)
Grey (Motor)
Blue (12v+)
White (F0F)
Speaker
Speaker
Ground (12v-)
Yellow (F0R) - +
F3 F1
F4 F2

For full installation instruction visit the
http://www.tcsdcc.com/HO_Installs

1545 **B-MB2**

WARRANTY PROCEDURE: All decoders are covered by a one year, goof proof warranty. **Please return in a small box.**
1. You MUST register the failed decoder on our website at www.tcsdcc.com. If you do not have access to a computer you MUST call to register your warranty at: **(267) 733-3408**
2. Print out a copy of the Warranty Registration and include it in the box with the decoder(s).
3. Return decoder(s) directly to us using the address below.

Compatible with NMRA DCC standards.   Made by **TCS** in the USA.

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