TCS®

GOOF-PROOF WARRANTY PROCEDURE:
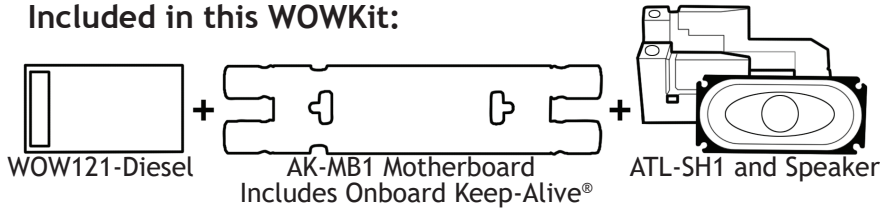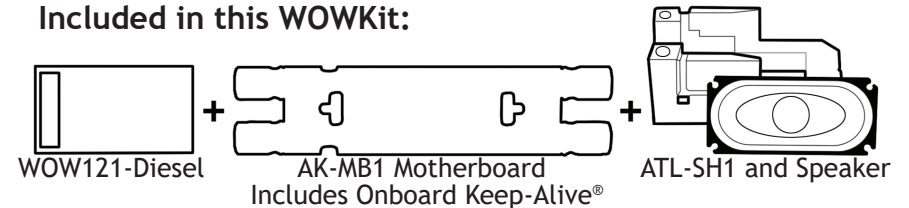All decoders are covered by a one year, goof proof, warranty.
You MUST register the failed decoder on our website at www.tcsdcc.com.
Follow the instructions on the web site before returning any decoders to TCS.
Please return in a small box.

WOWKits

1775 WDK-ATL-1

Scale	Functions	Function Rating	Continuous/Peak
HO	8	100 mA	1.3 /2.0 Amp

HO-Scale Atlas DCC Sound Conversion Kit

Included in this WOWKit:

WOW121-Diesel + AK-MB1 Motherboard Includes Onboard Keep-Alive® + ATL-SH1 and Speaker

This WOWKit will fit the following Atlas engines:

ALCO RS-3	ALCO RS-11
ALCO C424/5	ALCO RSD 12
ALCO RSD 4/5	

WOWKits provide everything needed for a complete sound installation. Each WOWKit has been **engineered** for a **perfect fit** to provide you with **Easy**, **Clean**, **Professional** results.

WOWSound is the only Load-Based Auto-Notching DCC sound decoder.

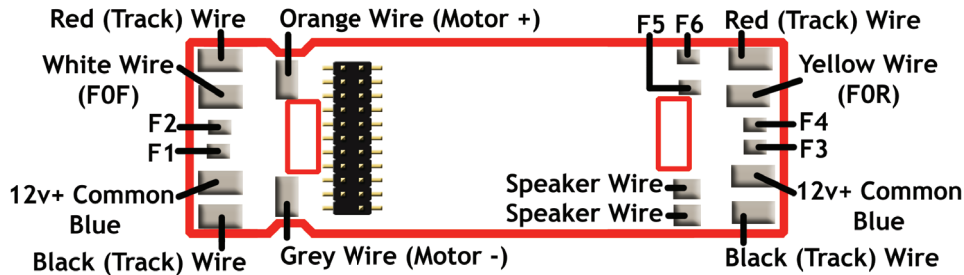**Audio Assist®** (Patent Pending) **for easy decoder configuration**

Enjoy the awesome, CD-Quality, WOWSound experience!

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1775 WDK-ATL-1

Default Decoder Button Uses

Function Button	Feature	Function Button	Feature
1	Bell	10	Manual Notch Up
2	Horn - Long Toot	11	Manual Notch Down
3	Horn - Short Toot	12	Prime Mover On/Off
4	Horn - Quill	13	Coupling Sound
5	Dynamic Brakes	14	Uncoupling Sound
6	Brake Release	15	Mainline/Switching Momentum
7	Train Brake (20% Per Press)	16	Crew Alert On/Off
8	1x Press: Mute/Unmute 2x Presses: Toggle light & sound mode 4x Presses: Enter **Audio Assist®**	17	Windshield Wipers
9	Rotate Horn/Bell	18	Airspitter

AK-MB1 Motherboard Wiring Diagram

Red (Track) Wire — Orange Wire (Motor +) — F5 F6 — Red (Track) Wire
White Wire (F0F) — Yellow Wire (F0R)
F2 — F4
F1 — F3
12v+ Common Blue — Speaker Wire / Speaker Wire — 12v+ Common Blue
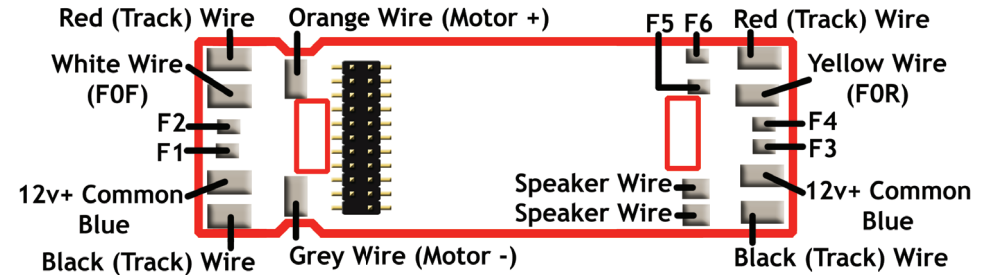Black (Track) Wire — Grey Wire (Motor -) — Black (Track) Wire

For LED's: All output functions have built-in resistors for LED's. Simply solder the negative lead from your LED to one of the function output pads (F0F-F6) and then solder the positive lead to the 12v+ Common.

For complete **installation images** and **full documentation** visit our website at **www.tcsdcc.com**