

# Replacement LED for digitizing Märklin EMD E8/E9 diesel locomotives

Suitable for: Märklin® 88627, 88628, 88629

Digitrax DZ123Z0



TCS AZL4



1. Desolder onboard LEDs marked with red circles from the decoder PCB.
2. **Digitrax DZ123Z0** decoder: solder wire outputs of the LED circuit board to the empty pads of the left desoldered LED (as shown on the picture). Please observe correct polarity!
- TCS AZL4** decoder: solder wire outputs of the LED circuit board to the pads adjacent to the ones of the left desoldered LED (as shown on the picture). Please observe correct polarity!
3. Install decoder as usual and insert the LED circuit board into the slot at the front end of the chassis instead of original PCB. Make sure that the soldered pads of the LED PCB don't touch the metal chassis of the locomotive.
4. Carefully arrange the wires between the LED and decoder PCB on the top of the chassis. Prevent them from falling down into the gap between halves of the metal chassis and touching the moving parts.

**ATTENTION:** This product is intended only for experienced users! Please perform all operations with all precautions that apply to work with ESD sensitive devices. The manufacturer is not responsible for any damage to the train model and/or digital decoder caused by improper installation.