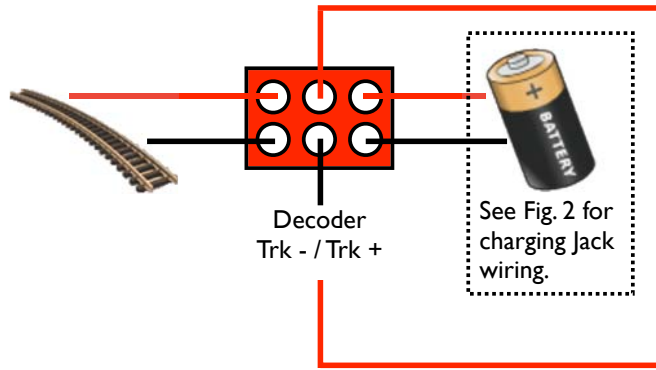
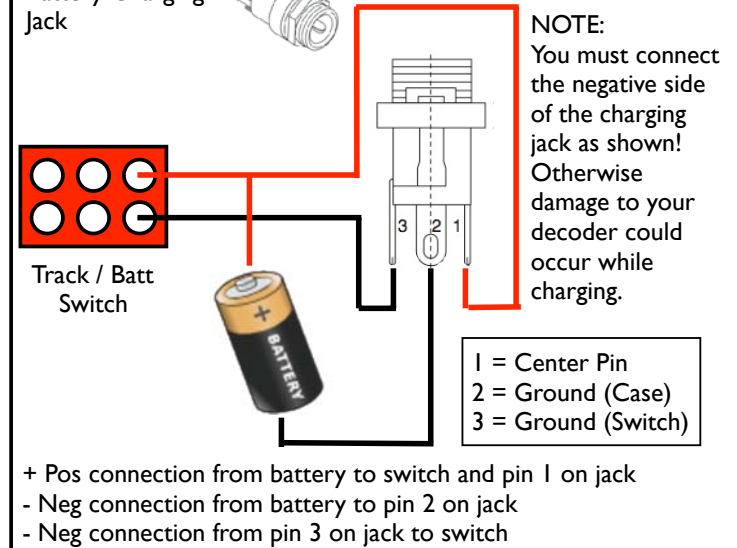


**Fig. 1**  
Track / Battery  
Switch



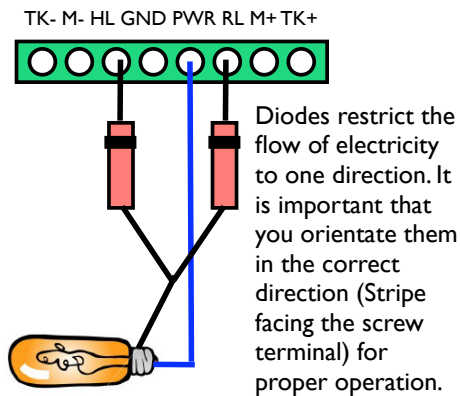
DPDT Toggle Switch  
or Slide Switch

**Fig. 2**  
Battery Charging  
Jack

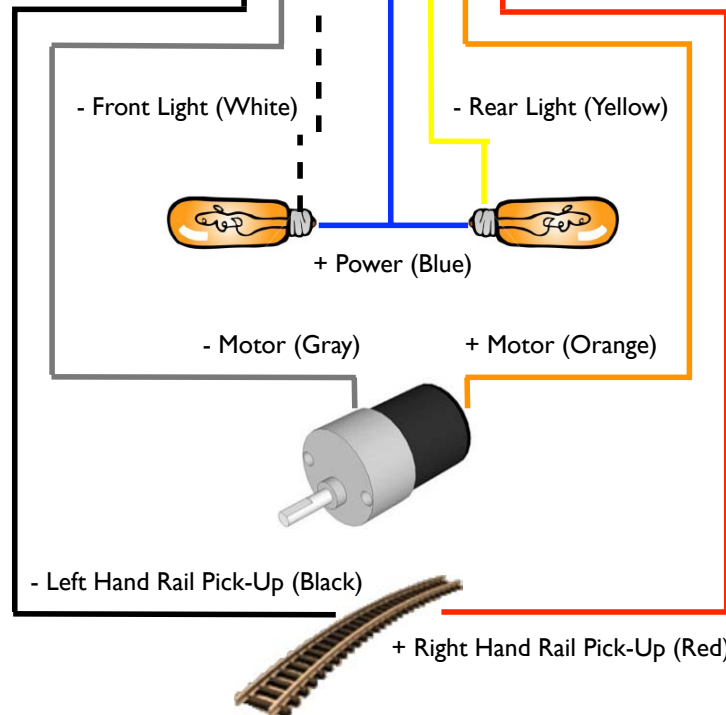


- + Pos connection from battery to switch and pin 1 on jack
- Neg connection from battery to pin 2 on jack
- Neg connection from pin 3 on jack to switch

**Fig. 3**  
Optional Cab/Marker Light Wiring



The above wiring example uses two diodes, one connected to the head light terminal and the other to the rear light terminal. The two diodes are then connected together and feed the (-) negative side of the light bulb. The (+) positive side of the bulb is connected to the Power terminal.



**Parts List:**

- Track/Battery Switch**  
DPDT On/On  
Mouser # 1055-TA1160-EVX
- Charging Jack**  
2.1 x 5.5  
Mouser # 163-4304
- Diode**  
IN4001  
Mouser # 833-IN4001-TP

**Part Source:**  
Mouser = [www.mouser.com](http://www.mouser.com)

**Throttle-Up, Inc.**  
[www.throttleup.biz](http://www.throttleup.biz)  
R/C ~ Battery ~ Sound ~ DCC  
Sales ~ Installation ~ Service

QSI Solutions **Magnum Decoder** Wiring Guide

DATE: 1/31/08

REV: I

BY: M.Greenwood