



Provider of Quality 'O' Gauge Trains for over 25 years

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Reverse Board Installation Instructions

The enclosed reverse board is very easy to install in any locomotive using DC motors.

Step 1. Determine if you are going to mount vertically (with Bracket) or horizontally (without bracket).

Step 2. Drill mounting hole in metal frame if necessary.

Step 3. If you are mounting horizontally, unscrew the mounting bolt from the bracket. **BE SURE TO NOTE THE POSITION OF ANY INSULATING WASHERS.** Remove the bracket, and use this bolt, washer and nut to mount to floor.

Step 4. For single motored locomotives plug one 4-wire harness into the reverse board. For Dual motored locomotives plug both 4 wire harnesses into the reverse board.

Step 5. Connect red wire to roller pickups, black wire to ground or the metal frame. Connect a blue and yellow wire to each DC motor. You may want to test the locomotive with test leads before making permanent connections (Test for the correct startup direction and make sure both motors are running in the same direction. If your locomotive starts up in the wrong direction, reverse the connections of the yellow and blue wires on both motors. If one motor is running in the wrong direction reverse the yellow and blue wire on that motor only)

Step 6. If you need power a sound board, plug the two wire harness into the white (NOT TH RED) 2-wire socket.. Red is Hot, Black is ground.

Step 7 .Make sure all connections are complete and insulated if they can come in contact with any metal parts or electrical components.

Step 8. Replace shell and test again. Installation complete.