



INSTRUCTIONS - PILOT LIGHTS (PMTR2030)

Application : Any "Silver Series" Slot Racing Controller

Installation WITHOUT Use of Reversing Switch

- The LEDs are polarity sensitive as noted by the "short" and "long" legs in the picture above
- Use only rosin core electrical type solder
- Solder in the dropping resistor from positions #3 to #8 on back side of board (front side of the board is shown in the picture above) and snip off excess lead length
- Install the green LED from positions #1 to #4 flush with the circuit board with the SHORT leg down
- Install the yellow LED from positions #2 to #5 flush with the circuit board with the SHORT leg up
- Solder in both LEDs from the back side of the circuit board, be VERY careful using a low wattage iron, too much heat can damage the LEDs
- Snip off the extra lead length and clean up any residual flux with lighter fluid & Q-Tip



Installation WITH Use of Reversing Switch

- It is easiest to install the LEDs **BEFORE** installing the reversing switch, if the switch is already installed the Dremel cut in the next step may need to be accomplished with a small grinding stone or rotary "bur" because of the limited space very near the reversing switch
- Place a Dremel cut through the gold circle at position #7 on **BOTH** the front & back sides of the circuit board to isolate the electrical input for the bottom legs of the LEDs
- Solder in the dropping resistor from positions #3 to #8 on back side of board, as shown in the picture above, and snip off excess lead length
- Install the green LED from positions #1 to #4 flush with the circuit board with the SHORT leg down and on the back side of the circuit board bend the short leg installed through position #4 over to the round pad at position #6 for the reversing switch and solder the led to that pad
- Install the yellow LED from positions #2 to #5 flush with the circuit board with the SHORT leg up
- Solder in both LEDs from the back side of the circuit board, be VERY careful using a low wattage iron, too much heat can damage the LEDs
- Snip off the extra lead length and clean up any residual flux with lighter fluid & Q-Tip

For technical information, questions or the latest catalog of available service parts and upgrades please visit us on the World Wide Web : www.professormotor.com