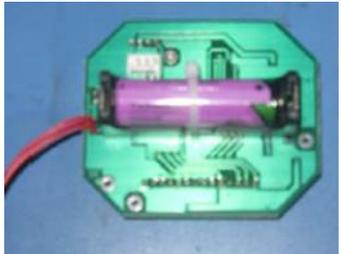
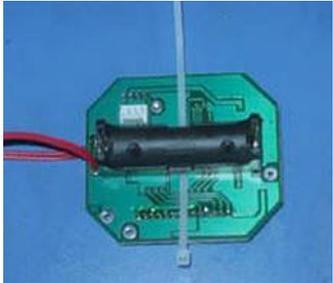
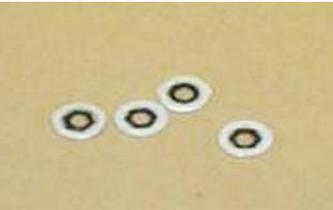
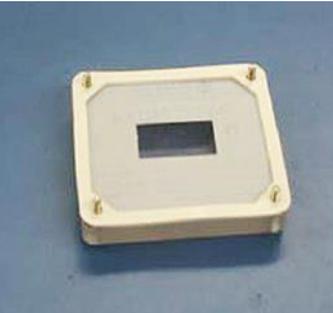




## Traffic Tally Counter 2/4/6/8 Traffic Tally 6W & 8W New Battery Install

|          |  |
|----------|--|
| <b>1</b> | <b>How to Install a New Battery in the Traffic Tally 2/4/6/8 Counters</b>  |
|          | <p>Before beginning, you will need to obtain the following from Diamond Traffic Products:</p> <ul style="list-style-type: none"><li>• 1) 3.6v AA Lithium Battery</li><li>• 1) Rubber gasket for the faceplate</li><li>• 4) Replacement Screws</li><li>• 4) #6 stainless washers with rubber "O" ring center (These must be NEW)</li><li>• 1) Nylon cable tie (to secure the battery to the circuit board)</li></ul>  |
| <b>2</b> | <b>Removing the Lexan Faceplate</b>  |
|          | <p>Remove the Lexan faceplate by removing the four, #6 – 32 X 3/4 machine screws from the corners.</p> <p>NOTE: Be careful not to strip the head of each screw.</p>    |
| <b>3</b> | <b>Lifting the Circuit Board</b>   |
|          | <p>Lift and <i>CAREFULLY</i> remove the electronic circuit board from the case. The board remains physically connected to the air switch and the wire length is cut to a specific length. Unplug the wires from the air switch.</p> <p>Snip the nylon cable tie that holds the battery in place to the backside of the board.</p>   |
| <b>4</b> | <b>Battery Installation</b>  |
|          | <p>Install the new, 3.6v Lithium AA battery (pictured) in the holder. Pay close attention to polarity (positive and negative ends). Install a new nylon cable tie to keep the battery in the holder and prevent failure if the counter were to be dropped or handled roughly.</p> <p><b>NOTE:</b> Do NOT use a 1.5v AA or C-cell Alkaline battery.</p> <p><b>NOTE:</b> The TT-6W &amp; 8W use a 3.6v Lithium C-cell Lithium Battery.</p>  |

|                 |   |   |
|-----------------|---|---|
| <p><b>5</b></p> | <p><b>Reinserting the Circuit Board</b></p> <p><b>NOTE:</b> Make sure there is a small triangular shaped foam rubber pad seated on the ledge at each corner of the counter.</p> <p>Plug the air switch back into the circuit board and reinstall that board back in to the case so that its corners rest on the four foam rubber pads.</p> <p>Proper orientation of the electronics board will have the airswitch connector (white) located nearest to the Red DOT (on the outside of the case).</p>  |    |
| <p><b>6</b></p> | <p><b>Removing the Rubber Gasket</b></p> <p>Carefully remove the old white rubber gasket that sealed the face plate to the case. Clean away any debris that may prevent the new gasket from seating properly.</p> <p>Install the new gasket in the case. Inspect the face plate for any defects where it contacts the gasket.</p> <p><b>NOTE:</b> Nicks or a crack radiating from ANY of the four corner screw holes toward the center of the faceplate will allow water entry. Contact Diamond Traffic Products to obtain replacement if necessary.</p> <p>Seat faceplate on gasket, making sure it is aligned with the display.</p> |    |
| <p><b>7</b></p> | <p><b>Placing the Washers</b></p> <p>Place one of the four stainless steel washers with the rubber "O" ring center on each of the four, 6 x 32 X 3/4 long machine screws.</p> <p><b>Only use NEW washers, DO NOT reuse the old washers.</b></p>   |  |
| <p><b>8</b></p> | <p><b>Inserting the Lexan Faceplate</b></p> <p>Install one machine screw and washer at each corner and tighten each one only a single turn, moving on to the next one.</p> <p><b>NOTE:</b> As you tighten each of the screws, you will be able to see the white gasket forming a seal to the Lexan face plate. Tighten each screw gently, working your way around the faceplate three or four times; until all screws have been tightened equally and securely.</p>   |  |

For additional assistance, contact Diamond Traffic Products: 541-782-3903 [support@diamondtraffic.com](mailto:support@diamondtraffic.com)



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