
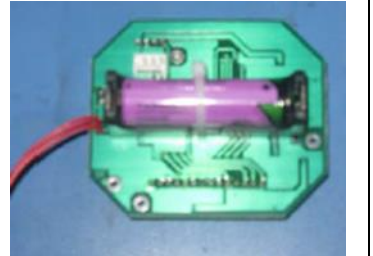

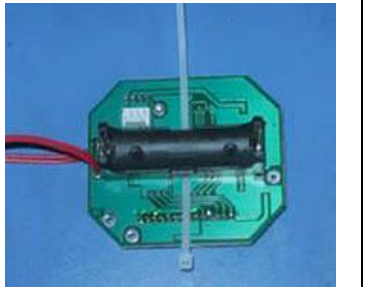
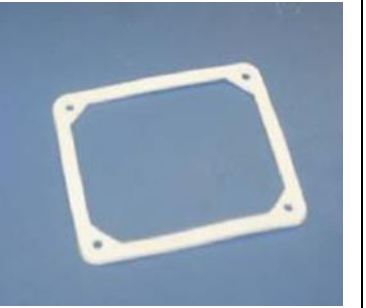
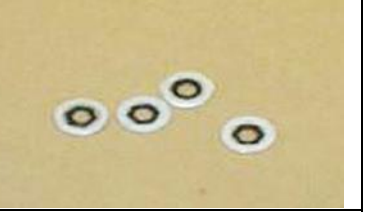
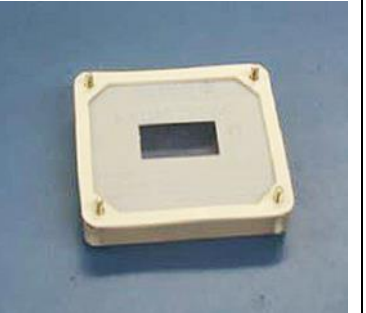




Traffic Tally Counter 2/4/6/8 Traffic Tally 6W & 8W New Battery Install

1	How to Install a New Battery in the Traffic Tally 2/4/6/8 Counters
	<p>Before beginning, you will need to obtain the following from Diamond Traffic Products:</p> <ul style="list-style-type: none"> • 1) 3.6v AA Lithium Battery • 1) Rubber gasket for the faceplate • 4) Replacement Screws w/O-ring • 1) Nylon cable tie (to secure the battery to the circuit board)
2	Removing the Lexan Faceplate
	<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>
	
3	Lifting the Circuit Board
	<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 <i>to the backside of the board.</i></p>
	
4	Battery Installation
	<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>After securing the battery to the holder with the Nylon cable tie, remove the excess length</p> <p>NOTE: <i>Do NOT use a 1.5v AA or C-cell Alkaline battery.</i></p> <p>NOTE: The TT-6W & 8W use a 3.6v Lithium C-cell Lithium Battery.</p>
	

5	Reinserting the Circuit Board	
	<p>NOTE: 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>	
6	Removing the Rubber Gasket	
	<p>Carefully remove and discard 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>NOTE: 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>	
7	Remove & Discard Washers	
	<p>You counter may have older style washers that had an attached o-ring. These have been replaced with new screws that have an integrated o-ring already attached to the screw.</p>	
8	Inserting the Lexan Faceplate	
	<p>Install one machine screw at each corner and tighten each one only a single turn, moving on to the next one.</p> <p>NOTE: 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



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