
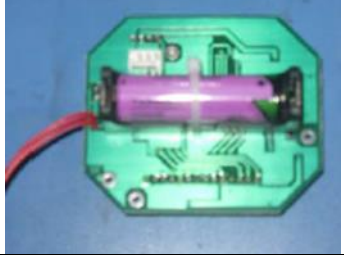

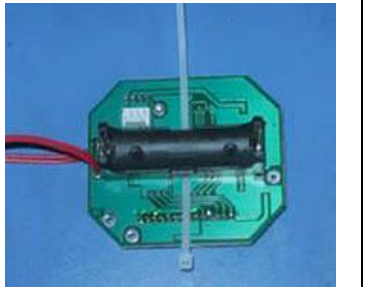
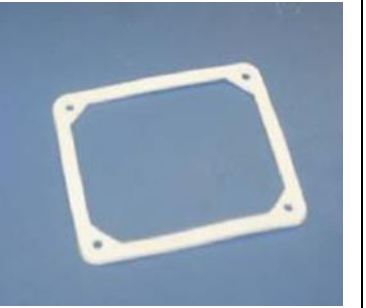
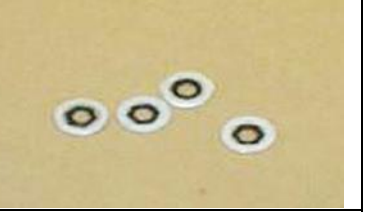
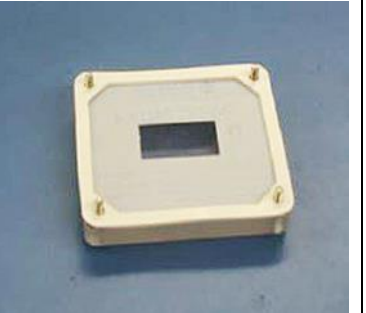




Traffic Tally Counter 2/4/6/8 Traffic Tally 6W & 8W New Battery Install

1	How to Install a New Battery in the Traffic Tally 2/4/6/8 Counters
	Before beginning, you will need to obtain the following from Diamond Traffic Products: <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
	Remove the Lexan faceplate by removing the four, #6 – 32 X 3/4 machine screws from the corners. NOTE: Be careful not to strip the head of each screw. 
3	Lifting the Circuit Board
	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. Snip the nylon cable tie that holds the battery in place <i>to the backside of the board.</i> 
4	Battery Installation
	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. NOTE: <i>Do NOT use a 1.5v AA or C-cell Alkaline battery.</i> NOTE: The TT-6W & 8W use a 3.6v Lithium C-cell Lithium Battery. 

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



Diamond Traffic Products
76433 Alder Street
Oakridge, OR 97463
diamondtraffic.com

Phone 541.782.3903
Fax 541.782.2053
sales@diamondtraffic.com