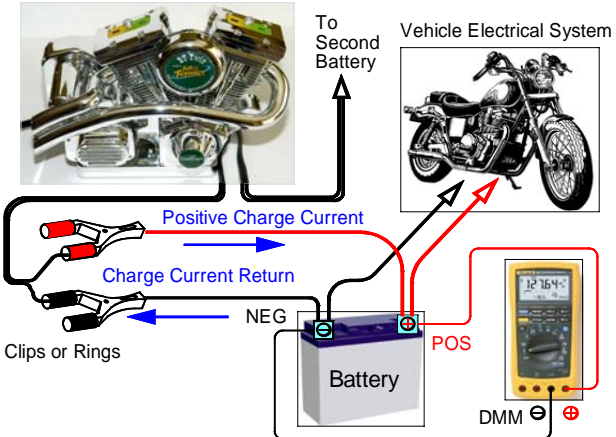


BATTERY TENDER BT-TWIN 800 TROUBLESHOOTING CHECKLIST

SYMPTOM	POSSIBLE CAUSE	REMEDY
No Indicator lights are lit. NOTE: The BT-TWIN 800 must be connected correctly to both the AC power outlet and the battery before the single LED turns on and is AMBER indicating normal charge has begun.	1 No AC power available.	Insure AC power is available.
	2 BT WP800 clamps or rings are hooked up incorrectly.	Reverse polarity of clamps.
	3 The fuse is blown in the ring terminal or alligator clip harness.	Replacement fuse: Bussman Blade Type: ATC-3 to ATC-7.5. (3A to 7.5A)
	4 Poor electrical contact.	See notes on cleaning electrical contacts.
	5 Battery voltage is less than 3 volts. (A 12 volt battery may not recover from a discharge this deep.)	Disconnect all loads from battery (or battery from vehicle), then reattach BT-TWIN 800. Wait no more than 3 seconds for solid amber light .
The single LED turns GREEN quickly at the beginning of the charge cycle.	1 Battery is already fully charged.	Disconnect the charger from the battery and check the battery voltage with a voltmeter. If battery voltage is at least 12.7 Volts, then it is fully charged.
	2 Poor electrical contact.	See notes on cleaning electrical contacts.
	3 Battery may be defective.	Have battery load tested.
Battery Tender BT-TWIN 800 will not switch to storage charge. The AMBER light seems to stay on too long. The green light "never" comes on.	1 The battery is large and takes a long time to recharge.	Allow sufficient time for charge. See note below.
	2 Excessive load is present on battery during charge cycle.	Remove load from battery or battery from vehicle.
	3 Battery may be defective.	Have battery load tested.
The charger light is on, but not amber or green.	1 Poor electrical contact.	See notes on cleaning electrical contacts.
	2 Battery may be defective.	Have battery load tested.
Note: Cleaning Electrical Contacts:	If the charger ring terminals, alligator clips, or quick-connect terminals are corroded or damaged or not making full electrical contact, or the battery posts are corroded, then: Disconnect charger cables from battery and clean the battery posts and the charger ring terminals, alligator clips, and/or quick-connect terminals. A number of non-acidic chemical products are available. One of the simplest to use is baking soda and water. Use needle-nose pliers to widen the quick-connect male pin contact area.	
Note: Remember that the charger, the battery, and the vehicle electrical system must all be connected and functioning properly. Otherwise, the battery will not be properly recharged.	<p style="text-align: center;">BT-TWIN 800, DUAL OUTPUT</p>  <p style="text-align: right;">Note: After the battery is fully charged, the Battery Tender BT-TWIN 800 will go into the float / maintenance, storage mode. If your charger still has abnormal symptoms after trying the recommended remedies listed above, call or email Deltran Customer Service or Technical Support. Most of the troubles encountered when recharging batteries are due to poor quality or improper electrical connections between the battery and the charger.</p>	