

Connecting Your Charger

Connecting your Scanner or Checkmate to your charger.

WARNING! It is the user's responsibility to know and follow proper battery handling safety rules! Always follow the battery manufacturer's recommended handling and servicing procedures. Failure to do so can result in property damage and/or serious bodily injury.

The following applies to the Scanner, Checkmate 1200, and 1200-A.

Perferred Connection Method

Your light tester's battery can be charged through the 7-way cable. "Hard wire" your charger's output leads directly to a 7-pole socket and mount this socket to the wall at a convenient location or right on your shop's battery charger. Wire the charger's positive lead to the auxiliary circuit pin of the socket (the center pin) and the negative lead to the ground pin (the fat pin). To charge the battery, simply plug your tester's trailer plug into this socket and turn on the AUX circuit switch. Charging current will flow through the unit and charge your battery through the light tester's circuitry. The **Deltran Battery Tender** is perfect for this because it has a "float" or "storage" mode - it'll never overcharge your battery regardless of how long it's left plugged in. Read more about the **Deltran Battery Tender**.

This simple charging station provides all of the plug-in convenience of an on-board charger but without the extra carry weight or shock hazard if the unit should get wet.

If you have installed the **Deltran Battery Tender** in your light tester's carrier, charging the battery is simply a matter of plugging the charger in. Battery Tenders are now weather proof and vibration proof, so they need not be removed from the carrier when venturing outdoors in inclement weather.

If you're using a large battery in your tester you might not be able to access the battery terminals easily.

One option is to connect a pigtail with a plug to the battery's terminals and another to your charger.

Make sure that any plug you install is polarized and that the plug's pins are well hooded. For safety, never use a regular line cord plug and socket to make this connection. The **Deltran Battery Tender** comes with its own quick-disconnect pigtail.

If you're charging your light tester's battery from your service truck's electrical system, use a 7-pole socket to charge your battery through your tester's 7-way cable. You may find your tester's 20 amp circuit breaker trips each time you start the truck's engine, because your tester's battery is trying to start the truck when the key is turned. While this is not a problem for your light tester, it may be an indication that your truck's battery is getting weak.

For safety, run a separate 10 gauge wire from your truck's positive battery terminal and install a 30 amp SAE Type 1 automatic resetting circuit breaker in that line. Hook the breaker up so its ACC terminal connects to your truck battery's positive (+) terminal and its BAT terminal connects to the center pin of the socket that you will be plugging your tester's trailer plug into for charging.

Regardless of which connection method you use, make sure the battery is well ventilated when it's being charged. Always keep your tester's open end away from walls or other obstructions that would prevent air from circulating into the carrier and around the battery.