


## Pinpoint Test

### Special Tool(s)

 <p>ST2442-A</p>	Micro 490 Digital Battery Analyzer 162-00004 or equivalent
---	---

### Pinpoint Test A: Battery Condition Test

#### Normal Operation

Battery condition is determined by measuring battery terminal voltage after a specific discharge current is applied for a specified time period.

**This pinpoint test is intended to diagnose the following:**

- Battery charge
- Battery

### PINPOINT TEST A: BATTERY CONDITION TEST

Test Step	Result / Action to Take
<p><b>A1 TEST THE BATTERY CONDITION</b></p> <p><b>NOTE:</b> A red test-eye indicates the battery is discharged, not necessarily defective.</p> <p><b>NOTE:</b> Failure to fully charge the battery before retesting may cause false readings.</p> <ul style="list-style-type: none"> <li>• Verify the battery condition using the Micro 490 Digital Battery Analyzer.</li> <li>• <b>Is the battery OK?</b></li> </ul>	<p><b>Yes</b>                      If the meter reads GOOD BATTERY, RETURN the battery to service.</p> <p>If the meter reads GOOD-RECHARGE, CHARGE the battery and RETURN it to service.</p> <p>If the meter reads CHARGE &amp; RETEST, fully CHARGE and RETEST the battery.</p> <p><b>No</b>                      If the meter reads REPLACE BATTERY, INSTALL a new battery.</p> <p>If the meter reads BAD CELL-REPLACE, INSTALL a new battery.</p>

