

## GOLD-IBT RE-CALIBRATION PROCEDURE

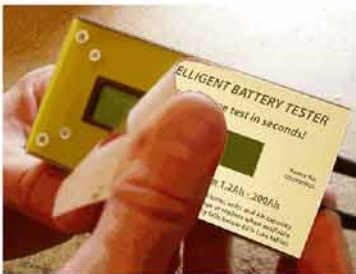
The enclosed GOLD-IBT-CALKIT comprises of:-

It is recommended that the GOLD-IBT test leads and clips are inspected and tested to verify Ampere-hour (Ah) accuracy on an annual basis. If the leads/clips shown any sign of wear or if the meter displays significantly changeable or low Ah readings when repeat testing a brand new fully charged Yuasa NP12V -12Ah (C20hr rated) SLA battery, then the leads and clips must be replaced immediately using the GOLD-IBT-CALKIT.

**IMPORTANT:** The GOLD-IBT is software driven and has no internal adjustments for calibration.

- \* 48cm (18.9") calibrated leads with attached clips.
- \* Replacement labels.
- \* Fitting Instructions.
- \* Test Procedure.
- \* Calibration Label.

**WARNING:** Re-calibration must be carried out by a competent person in accordance with these instructions. NO LIABILITY IS ACCEPTED FOR ACCIDENTAL DAMAGE OR INJURY CAUSED.



Step 1  
Remove gold top label.



Step 2  
Remove four screws.



Step 3  
Cut and remove old leads.



Step 4  
Remove lead ends.



Step 5  
Insert new leads.



Step 6 Solder into position  
(WARNING: Observe polarity).



Step 7  
Close unit up.



Step 8 Test, then fit screws  
and new labels.

# ACT-IBT INTELLIGENT BATTERY TESTER

## IN-HOUSE CALIBRATION TEST RESULTS

Test results of engineers Intelligent Battery Testers must be compared against readings obtained from a Master Calibrated GOLD-IBT using a fully charged 12Volt 12Ah SLA battery maintained at an ambient temperature between 20C - 25C (68F - 77F).

### Instrument Information

Serial Number of in-house Calibrated IBT \_\_\_\_\_

Serial Number of engineers IBT \_\_\_\_\_

Test Interval: 3  6  12  Months

**IMPORTANT: BEFORE TESTING, CARRY OUT A VISUAL INSPECTION TO ENSURE THAT THE IBT LEADS AND CLIPS ARE NOT WORN OR BROKEN AS THIS WILL SIGNIFICANTLY AFFECT THE AMPERE-HOUR READING OBTAINED.**

Test each IBT and record the readings obtained below. **SPECIAL NOTE: Repeat testing will normally cause the Ambient Temperature of the Master GOLD-IBT reading to increase. Disregard recording of IBT ambient temperature when repeat testing as this has no influence on the Voltage or Ah readings obtained.**

Acceptable Voltage Readings: 12.30 - 13.80VDC.

Acceptable Ah Readings @ 20 - 25C (68 - 77F): 11.00 - 13.65Ah.

	Calibrated IBT:	Engineers IBT:	Pass:	Fail:
DC Voltage:	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ampere hour (Ah):	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>

TEST DATE: \_\_\_\_\_ RE-TEST DATE: \_\_\_\_\_

TESTED BY: \_\_\_\_\_ SIGNATURE: \_\_\_\_\_

COMMENTS: