Basic Indicator Functions
Indicator model: 543-342BTL
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INTRODUCTION
1. Turn the indicator on by pressing the [ON/OFF] button.

2. This screen appears when there is a new battery installed. Press the blue [START/ZERO/ABS] button to move to the next screen.

3. Press the blue [START/ZERO/ABS] button again to move into measurement mode.
**INTRODUCTION**

The introduction is now complete.

To change the measuring units, press and hold the [DATA/HOLD] button.

Press and hold the [ON/OFF] button for about 3 seconds to turn the indicator off.
SETTING A PRESET
From the main measurement mode screen, press and hold the [PEAK/PRESET] button for about 3 seconds or until the screen shown in step #2 appears.

The “P1” should be flashing.

Press the [DATA/HOLD] button to edit the preset.

Use the [START/ZERO] button to move the cursor to the right. When the desired digit is flashing, use the [PEAK/PRESET] button to decrease the digit and the [DATA/HOLD] button to increase the digit.
Once the desired preset is entered, press the [MENU/ORIGIN] button to exit the screen.

To select the preset that was just entered, be sure that the “P1” is flashing and the gage is engaged into the proper calibration block. Then press the [START/ZERO] button. This will set the preset.

The “P1” is displayed in measurement mode when the preset is in use.
To set multiple presets, repeat step #1, then press the [PEAK/PRESET] button to select “P1, P2, or P3” in the preset entry screen. To change these presets, repeat steps 2-5.

To clear the preset or “zero” the indicator, press the blue [START/ZERO/ABS] button.
SETTING A TOLERANCE
BASIC INDICATOR FUNCTIONS

SETTING A TOLERANCE

1. Press the [MENU/ORIGIN] button.

2. The arrow pointing to the “TOL” should be flashing.
   Press the blue [START/ZERO] button to enter the tolerance edit screen.

3. Use the [PEAK/PRESET] button to toggle between “ON” and “OFF”.
While “ON” is flashing, press the blue [START/ZERO] button to set a min and max tolerance.

The “+” should be flashing. To toggle between “+” and “-” press the [PEAK/PRESET] button.

To set the MAX, be sure the “+” is flashing. To set the MIN, be sure the “-” is flashing.

Once the desired symbol is flashing, press the [DATA/HOLD] button to edit.
Use the [START/ZERO] button to move the cursor to the right. When the desired digit is flashing, use the [PEAK/PRESET] button to decrease the digit and the [DATA/HOLD] button to increase the digit.

Once the desired preset is entered, press the [MENU/ORIGIN] button to exit the screen.

Repeat steps 5-8 to set the min tolerance.

Press the [START/ZERO] button to go to the next screen.
**BASIC INDICATOR FUNCTIONS**

**SETTING A TOLERANCE**

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Press the [MENU/ORIGIN] button to exit to measurement mode.

The tolerance is now on and set.

11

Press the blue [START/ZERO] button to set your zero.

Note: If a preset is desired instead, follow the instructions for “Setting A Preset”.

12

In tolerance mode. You will see a “0” between the scale and the value. The “0” signifies that you are in tolerance.
13.

A “ - ” will appear indicating when the measurement is out of tolerance on the low.

14.

A “ + ” will appear indicating when the measurement is out of tolerance on the high.

15.

To turn the tolerance mode off, Press the [MENU/ORGIN] button.
Press the blue [START/ZERO] button.

Press the [PEAK/PRESET] button until “off” is flashing.
When “off” is flashing, press the blue [START/ZERO] button to turn the tolerance mode off.

Press the [MENU/ORIGIN] button to exit to measurement mode.
SETTING A RESOLUTION
From the main screen, press the MENU/ORIGIN button.

The arrow on the TOL will be flashing.

Press the PEAK/PRESET button to move the cursor down to RES.

Once the cursor is on RES, Press the START/ZERO button to enter the resolution edit.
**BASIC INDICATOR FUNCTIONS**

**SETTING A RESOLUTION**

1. **The digits will be flashing.** Use the PEAK/PRESET button to decrease the digit or the DATA/HOLD button to increase to digit to the desired value.

2. **Press the START/ZERO button to set the resolution.**

3. **Press the MENU/ORIGIN to exit to measurement mode.**
SETTING A CALCULATION
From the main screen, press the MENU/ORIGIN button.

The arrow on the TOL will be flashing.

Press the PEAK/PRESET button twice to move the cursor down to CALC.

Press the START/ZERO button to edit the calculation.
Press the PEAK/PRESET button to select between “ON” and “OFF”.

While “ON” is flashing, press the START/ZERO button to set the calculation.

The “A” will be flashing.

To change the “A” value, press the DATA/HOLD button while the “A” is flashing.
Press the PEAK/PRESET button to decrease the value, the START/ZERO button to move the cursor to the right.

Once the desired value is entered, press the MENU/ORIGIN button to set the value and return to the previous screen.

Press the PEAK/PRESET button to move to the “B”. Repeat steps 6-8 to change this value.
Press the PEAK/PRESET button to move to the “C”. Repeat steps 6-8 to change this value.

Press the START/ZERO button when all desired values are entered.

Make sure the screen says “ON” to set the calculation and press the MENU/ORIGIN button to return to measurement mode.
SETTING THE SCALE
From the main screen, press the MENU/ORIGIN button.

The arrow on the TOL will be flashing.

Press the PEAK/PRESET button three times to move the cursor to SCALE.

Press the START/ZERO button to change the scale value.

“Auto” will now flash.
4. Press the MENU/ORIGIN button to exit to measurement mode.

5. The digits will be flashing. Use the PEAK/PRESET button to decrease the digit or the DATA/HOLD button to increase the digit to the desired value.

6. Press the START/ZERO button to set the desired scale value.

Press the MENU/ORIGIN button to exit to measurement mode.
SETTING THE LOCKOUT
From the main screen, press the MENU/ORIGIN button.

The arrow on the TOL will be flashing.
Press the PEAK/PRESET or DATA/HOLD button until the cursor is at LOCK.

Press the START/ZERO button to edit.
4. Press the PEAK/PRESET button to toggle between “on” and “off”.

5. When the desired selection is flashing, press the START/ZERO button to set

6. Press the MENU/ORIGIN button to exit to measurement mode.