

# **Model 12103**

## **Battery Condition Indicator**

### **Instruction Manual**



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The Battery Condition Indicator (BCI) displays the condition of your battery instantly. The BCI can be used with all 12 Volt batteries, any size/type, including maintenance-free, deep cycle and gel.

### **Installing the BCI**

1. Turn engine and all accessories off.
2. Carefully find the best location on or near your battery to place the BCI so it can be easily seen and read. Make sure the leads from the BCI reach the bottom terminal clamps provided.
3. Clean surface you plan to attach the BCI to with the alcohol pad provided in the package.
4. Peel the paper off of the Velcro and attach the BCI.
5. Attach the red ring terminal of the BCI to the positive (+) terminal clamp of the battery.
6. Attach the black ring terminal of the BCI to the negative (-) terminal clamp of the battery.

### **Testing the Battery with the BCI**

The Battery Condition Indicator (BCI) gives you a quick and accurate indication of your battery's charge condition. It allows you to determine whether your battery needs to be charged, is not holding its charge, or needs to be replaced or desulfated.

Always let the battery rest for minimum of 8 hours for most accurate readings. Resting means that you do not charge, discharge or run the engine for the 8 hours. Test the battery with the BCI only when your engine is turned off.

1. Make sure the engine is turned off.
2. Press the Push button on the BCI.
3. See the table (next page) for an explanation of the lights.
4. If no LEDs are lit, the battery can be considered dead and unlikely able to be restored.

DISPLAY	CONDITION
No lights.	Battery is dead. Replace the battery.
<b>Red</b> lights up	Battery is in poor condition = 11.2 - 11.8 volts. The battery may be dead, severely shorted or deeply discharged. If in doubt, replace the battery.
<b>Red</b> and <b>Yellow</b> light up.	Battery is in fair condition = 11.8 - 12.3 volts. The battery may be shorted or discharged and unable to start your vehicle. Check the charging system.
<b>Red</b> , <b>Yellow</b> and <b>Green</b> light up.	Battery is good = 12.3 - 12.8 volts.

