



## TROJAN PUSH TO TEST BREAKAWAY INSTRUCTIONS

### General Usage Guide

1. USE A UV RESISTANT CABLE TIE TO SECURE COVER to prevent accidental opening of the Battery Box.
2. CAUTION Improper installation of the breakaway battery will destroy the brake control. The negative (-) terminal must attach to ground and positive (+) terminal must attach to the breakaway switch.
3. WARNING Check your Breakaway System periodically to ensure that wiring and connections are secure. A short or an open circuit can result in a no-brake condition.
4. If excessive discharging of the breakaway battery occurs, check battery and recharge using a Heavy Duty Multistage Maintenance Charger.
5. If the secondary battery needs charging, current will be drawn from the tow vehicle's battery when the tow vehicle is connected to the trailer. To only charge the breakaway battery when vehicle is running, a battery isolator may be installed in the 12-volt supply line.
6. The Push To Test button indicates the battery status. This button can be pressed to establish battery charge level. If the light is not Green, the battery is not sufficiently charged. Do not tow until the battery has been sufficiently charged and a green light appears when pressed.

### Battery Data Chart

This kit contains a 5 Amp Hour 12 Volt Sealed Lead-Acid Battery. To maximize battery life the following conditions should be met:

1. Avoid over or undercharge. This is the single worst enemy of lead-acid batteries.
2. Batteries should not be stored in a discharged state or at elevated ambient temperatures.
3. Avoid exposing batteries to heat! Service life is shortened considerably at ambient temperatures above 30°C
4. Due to the characteristics of this battery, after six to nine months of storage, the battery should be recharged.
5. Charge the battery at the proper rate. Current should be limited to 1.2 amps or less.
6. Provide adequate air circulation when charging battery. Do not charge battery in any other container other than the supplied battery box.
7. CAUTION Do not place batteries near objects which can produce sparks or flames.
8. Do not expose battery case to organic solvents or adhesives.
9. CAUTION Do not attempt to disassemble batteries – contains sulphuric acid.
10. CAUTION Fasten batteries tightly and make provisions for shock absorption if exposure to shock or vibration is likely.
11. WARNING Do not throw batteries into fire; batteries so disposed may rupture or explode.

### Service Life:

Under normal operating conditions, 4-5 years in standby applications or 200-1000 charge/discharge cycles depending upon depth of discharge and rate of charge.

For further information please contact Trojan Customer Support.