

Not suitable for DIESEL engines

# SecureStart™

## Mini Max 900

Portable Jump Starter  
With Fuel-Gauge Indicator

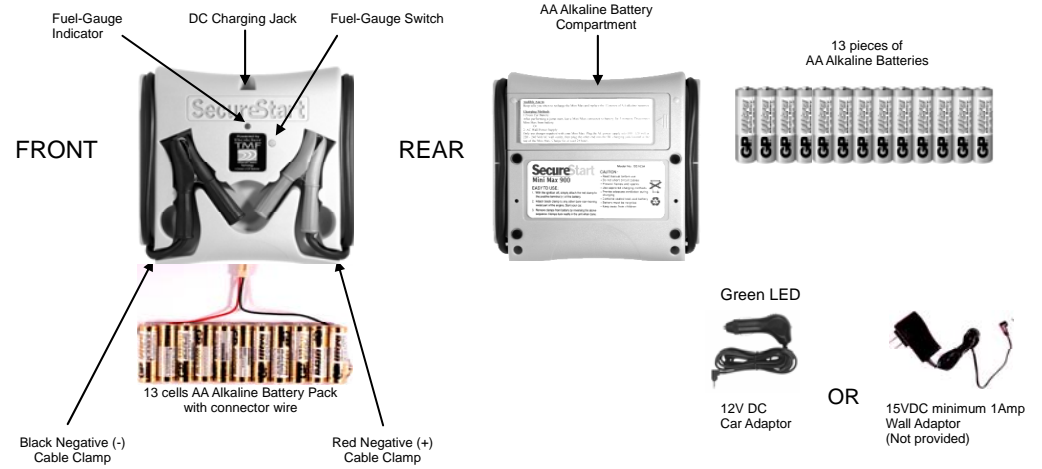
### SS103A User's Manual

Ideal for  
**Gasoline Engines**



Powered by  
**Bolder Tech™**  
Advanced Battery Technology  
A Division of GP Batteries

### Getting to Know Your SecureStart™



**WARNING:** DO NOT allow the cable clamps to TOUCH each other! The cable clamps carry electrical current at all times. If they touch each other, severe sparks may cause personal injury and battery explosion. Use only the car adaptor or wall adaptor supplied with your SecureStart™ for charging. To avoid damage, do not use any other chargers or apply any other charging methods.

### Prepare Your SecureStart™ Before First Use

**STEP 1:** Upon purchase, disconnect the external 13-cell AA alkaline battery pack that is connected with a wire connector to the SecureStart by pulling the connecting wire out. Discard this 13-cell alkaline battery pack.

**STEP 2:** Depress the fuel gauge switch, if the fuel gauge shows green light, just recharge the SecureStart™ (skip to Step-4). If fuel gauge shows orange or red light, complete Step-3 and 4 as follows.

STEP 1:



STEP 3:



**STEP 3:** Replace 13 pieces of AA alkaline batteries.

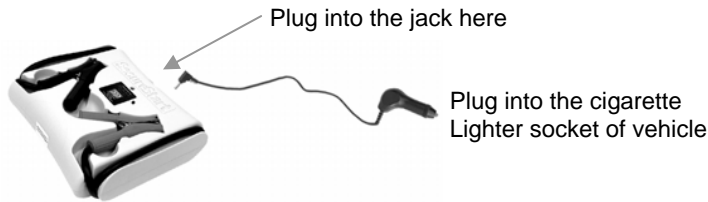
- locate battery cover on back of the SecureStart and push cover slightly in direction of arrow. Remove cover.
- remove 13 pieces of AA batteries and replace with the fresh AA Alkaline batteries. Orientate batteries according to directions indicated in bottom of battery compartment.
- slide battery cover over battery compartment until cover locks in place.

**STEP 4:** Charge your SecureStart™ by using car adaptor or wall adaptor (not provided) immediately.

**By Car Adaptor - 4 hours cumulatively (with engine running) or permanently plugged-in:**

- Plug the car adaptor into the cigarette lighter socket of your vehicle. Plug the other end of the car adaptor cable jack into the DC charging socket on SecureStart™.
- Charging will start only when the engine is ignited.

*During charging your SecureStart with the car adaptor, the green LED on the car adaptor will remain on showing that there is power from the cigarette lighter socket. To maximize SecureStart™ performance, permanent plugged-in charging is recommended.*

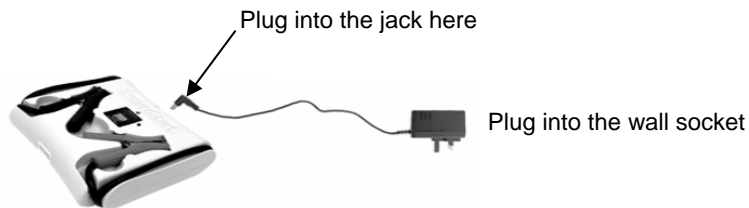


**On-Charge Display with car adaptor may change color randomly due to fluctuation of alternator voltage. Please ignore the color changes.**

**By Wall Adaptor (not provided) - minimum 4 hours or permanently plugged-in charging:**

- Plug the DC jack of the adaptor into the DC charging socket on SecureStart™.
- Your SecureStart™ will begin charging upon switching the AC outlet to "ON".

*To maximize SecureStart™ performance, permanent plugged-in charging is recommended.*



**On-Charge Display With Wall Adaptor Only:**

- Steady **GREEN** Indication - Unit is fully charged and ready to GO.
- Steady **RED** Indication - Unit is on charge.

**When to Recharge Your SecureStart™**

It is mandatory to recharge SecureStart™ immediately after used. SecureStart™ is incorporated with smart charging system as to prevent overcharging. Therefore permanent (float/trickle) plugged-in charging is highly recommended.

Simply press and hold the fuel-gauge switch to observe the LED color on the fuel-gauge indicator.

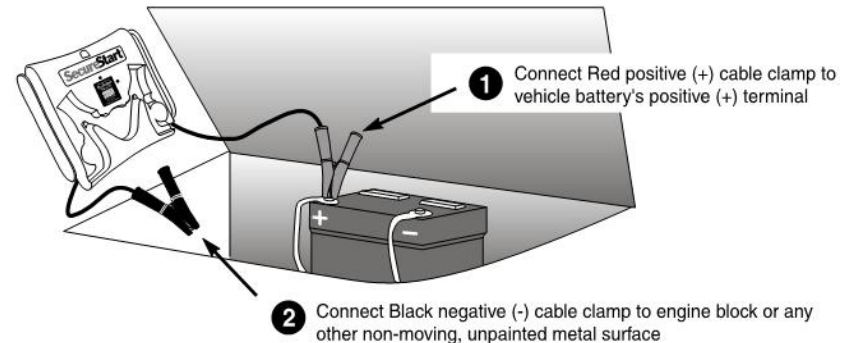
- GREEN : Ready to jump-start
- ORANGE/RED/ Audible "Beep" : Immediately recharge your SecureStart™ and replace 13 pieces of AA Alkaline batteries at the same time

- To ensure successful instant jump-starting, check the fuel-gauge indicator monthly. Recharge your SecureStart™ immediately when the Orange or Red light is on.
- Recharging of SecureStart™ is required monthly and is more frequently during summer when temperature exceeds 29°C (85°F). It is recommended to store your SecureStart™ in a cool, dry location to maximize its performance.
- Failure to follow the charging instructions may shorten your unit's service life.

**Jump-Starting Your Vehicle**

**NOTE: Use SecureStart™ only on gasoline-powered engines with a 12-volt cranking system. Read all instructions and safety warnings before use.**

1. Turn vehicle ignition switch to OFF before accessing battery in vehicle or connecting cable clamps to vehicle battery.
2. Open hood of vehicle and position SecureStart™ away from fan blades, belts, pulleys or any other moving parts.
3. **Connect the Red positive (+) cable clamp first** to the vehicle battery's positive (+) terminal. Rotate clamp slightly to ensure a good connection.



4. **Connect the Black negative (-) cable clamp last** to vehicle chassis, engine block, hanging hook or other unpainted, non-moving metal surface that is away from the vehicle battery. Rotate clamp slightly to ensure a good connection.

5. Turn vehicle ignition switch ON and start the engine.
6. After engine is started, leave the cable clamps of SecureStart connected for 3 minutes to allow a top up charge of the SecureStart™ in case of reuse within short time.
7. **Disconnect** the **Black** negative (-) cable clamp **first** and place it to its storage position in your SecureStart™.
8. **ONLY** after removing and storing the Black negative (-) cable clamp, **disconnect** the **Red** positive (+) cable clamp **last** from the vehicle battery positive (+) terminal and place it to its storage position in your SecureStart™.
9. It is mandatory to recharge your SecureStart™ immediately with wall adaptor (not provided) or car adaptor for at least 4 cumulative hours. Permanent (float/trickle) plugged-in charging is highly recommended.
10. SecureStart™ is allowed to crank for maximum 5 times between full charges with car adaptor or wall adaptor (not provided).

## Warranty Terms and Conditions

Your SecureStart is covered by a conditional, limited warranty to the original purchaser. Your SecureStart is warranted to be free from defects in material and workmanship for a limited period (as stated on card) from the date of sale. If your jumpstart unit malfunctions or fails within the warranty period because of a defect in material or workmanship, we will repair or replace it, at our discretion, without charge. You must present a sales invoice or receipt to prove the date of purchase. If the warranty seal sticker is damaged, the warranty shall be voided. This product warranty does not apply to the AA alkaline primary batteries.

Returned units determined to have been subjected to misuse shall not be covered under warranty. This warranty does not cover defects or failures of your SecureStart due to any cause other than defective manufacturer's material or workmanship, including without limitation any malfunctions or failures caused by repairs made by an unauthorized person mishandling, modifications, normal wear, unreasonable use or damage. **IN NO EVENT SHALL THE MANUFACTURER BE LIABLE FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES.**

**EXCEPT FOR THIS LIMITED WARRANTY, THE MANUFACTURER HAS NOT MADE, AND SPECIFICALLY DISCLAIMS, ANY WARRANTY OR REPRESENTATION OF ANY KIND, EXPRESS OR IMPLIED, DIRECT OR INDIRECT, OF PRODUCT FITNESS FOR A PARTICULAR PURPOSE. THIS LIMITED, CONDITIONAL WARRANTY PROVIDES THE EXCLUSIVE REMEDY FOR ANY CLAIM OR DAMAGE EXCEPT AS OTHERWISE REQUIRED BY LAW.**

*NOTE: Use SecureStart™ only on 3-litre or smaller gasoline-powered engines if **without car battery.***

## IMPORTANT Read All Instructions And Safety Warnings Before Using SecureStart™

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### Warning / Safety Information

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1. Read and follow all instructions in this manual before using the SecureStart™.
2. Follow all instructions published by the automobile and car battery manufacturers, especially the procedure of jump-starting of a car.
3. **KEEP OUT OF THE REACH OF CHILDREN.**
4. **NEVER ALLOW** cable clamps (“+” & “-”) to **TOUCH** each other. Cable clamps are “live” at all times, and will spark once they touch, SecureStart™ will generate heat too. Always ensure clamps are stowed securely in clamp holders when not connected for jump-starting.
5. **ALWAYS VERIFY** car battery positive terminal (RED “+”) before connecting cable clamps to battery. Be aware of connecting sequence.
6. Handle SecureStart™ and car battery with care while jump-starting a car. Car batteries generate hydrogen gas during normal battery operation, such gas may cause explosion with a spark. Care should be taken to ensure sparks are not generated near the car battery. Sparks occur when connecting or disconnecting leads. Keep sparks and flames away from batteries.
7. Keep hands and cables clear of fan blades, belts pulleys and other moving parts when working near a running engine. Remove jewelry, watch and loose clothing when near the engine compartment. Take extra care to protect eyes during jump-starting.
8. Do not charge the SecureStart™ in wet or moist locations through the DC charging jack. Severe electrical shock may result.
9. Do not charge the SecureStart™ in an airtight container, provide adequate ventilation during charging.
10. Do not attempt to disassemble the SecureStart™. Do not cut any cables or wires on this product. The **TMF**® power pack contained within your unit is capable of generating very high current. This current may cause severe burns or personal injury.
11. Use your SecureStart™ to jump-start cars that run with lead-acid battery only. Do not jump-start a car that with frozen car battery or attempt to charge it with a SecureStart™.
12. Never immerse SecureStart™ into water or seawater.
13. Keep SecureStart™ away from sunlight, hot and high humidity environment. Do not store with metal parts such as tools and wires etc.
14. SecureStart™ contains non-spill-able sealed lead-acid batteries. **Under normal and appropriate use, the product is safe and there is no exposure to lead.**