



**SAVE THESE INSTRUCTIONS.** This manual contains important safety precautions which should be read and understood before operating the product. Failure to do so could result in serious injury. This manual should remain with the product.

Specifications, descriptions and illustrations in this manual are as accurate as known at the time of publication, but are subject to change without notice.

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## INTRODUCTION

Every effort has been made to ensure the accuracy and completeness of the information in this manual at the time of publication, and we reserve the right to change, alter and/or improve the product and this document at any time without prior notice.

We highly value how our products are designed, manufactured, operated, and serviced as well as providing safety to the operator and those around the generator. Therefore, it is **IMPORTANT** to review this product manual and other product materials thoroughly and be fully aware and knowledgeable of the assembly, operation, dangers and maintenance of the product before use. Fully familiarize yourself, and make sure others who plan on operating the product fully familiarize themselves too, with the proper safety and operation procedures before each use. Please always exercise common sense and always err on the side of caution when operating the product to ensure no accident, property damage, or injury occurs.

When contacting about parts and/or service, you will need to supply the complete model and serial numbers of your product. Transcribe the information found on your product's nameplate label to the table.

### CUSTOMER SUPPORT

781-334-8368

### MODEL NUMBER

100603

### SERIAL NUMBER

### DATE OF PURCHASE

### PURCHASE LOCATION

## SAFETY DEFINITIONS

The purpose of safety symbols is to attract your attention to possible dangers. The safety symbols, and their explanations, deserve your careful attention and understanding. The safety warnings do not by themselves eliminate any danger. The instructions or warnings they give are not substitutes for proper accident prevention measures.

### DANGER

DANGER indicates a hazardous situation which, if not avoided, will result in death or serious injury.

### WARNING

WARNING indicates a hazardous situation which, if not avoided, could result in death or serious injury.

### CAUTION

CAUTION indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

### NOTICE

NOTICE indicates information considered important, but not hazard-related (e.g., messages relating to property damage).

## IMPORTANT PRODUCT SAFETY

### WARNING

Always shut generator off before any fueling or maintenance procedures.

### WARNING

NEVER position the refueling door on the same side of the generator as the exhaust muffler. Spilled gasoline can result in fire.

### WARNING

NEVER block or cover the generator exhaust muffler in any way. Storm Shield canopy must be installed above the generator's exhaust muffler. Install Storm Shield electrical aprons so that they CANNOT block exhaust in any way. Keep the Storm Shield canopy at least 6 inches away from direct contact with the exhaust.

### WARNING

Never install the Kevlar® strap over, or direct line of, the generator exhaust muffler.

### WARNING

Never use the Storm Shield on a generator in a moving vehicle.

### CAUTION

Over tightening ratchet buckle should be avoided. The ratchet buckle and strap are capable of tremendous forces that can snap the molded sections and mar the generator case if over tightened.

### CAUTION

Always grasp fiberglass rods firmly during installation to avoid the whipping motion that can occur when a bent fiberglass rod is mistakenly released.

### CAUTION

Avoid using your portable generator in hurricane force winds above 110mph (177 km/h).

### NOTICE

Should generator handle cause significant stretching of the elastic straps when extended; it is advisable to release the elastics straps on the handle side of the generator before extending generator handles.

### NOTICE

Should Storm Shield cover block pull starter, it is advisable to release the elastic straps on the pull starter side and temporarily move the Storm Shield canopy out of the way.

### NOTICE

When using Storm Shield during snow storms, it is recommended to periodically brush away any accumulation that blocks the top vent.

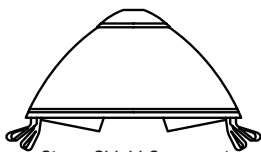
## NOTICE

In some cases, the height of the muffler for larger inverter models can interfere with proper placement of the Storm Shield canopy or Kevlar strap mounting system, and so an alternative mounting system may be required. Most Champion branded fully encased inverter generators do not require these alternative mounting systems. Should you have a higher exhaust model, adaptive mounting systems are available separately at 781-334-8368.

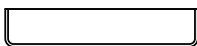
Champion models requiring alternative mounting include 201407, 201420, 201417, 201424, 201421, and 201423.

## PACKAGE CONTENTS

Storm Shield is suitable for inverter case perimeters up to 112"



Storm Shield Canopy x1

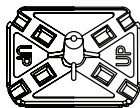


Electrical panel covering aprons x1



40" Fiberglass frame rods x4

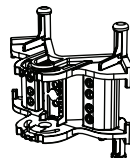
### Associated Hardware Pack Contains:



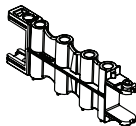
Central Connector for Frame Rods x1



130" Kevlar® Ratchet Buckle x1



Angle Brace corner sections x4



Extender Arms x12



Storm Shield Gator Grommets™ x8

## INSTALLATION OVERVIEW

The Storm Shield 100603 installs in three easy steps:

**Strap it:** Install Ratchet Buckle, Angle Braces, and Extension Arms.

**Frame it:** Install frame rod to the center connector, then into the correct hole in the Extender Arm, and repeat on all four corners.

**Cover it:** Slide the Storm Shield canopy over the frame, then secure by sliding the elastic straps under the Extender Arm.

## Important Usage Tips:

### Storage

The Storm Shield can be left installed for generator storage, or easily removed and stored separately. We recommend releasing the elastic straps when storing away from wind.

### Maintenance

The Storm Shield assembly can be removed for maintenance - release the ratchet buckle and carefully lift the entire assembly off the inverter and place aside. Reverse the operation to reinstall.

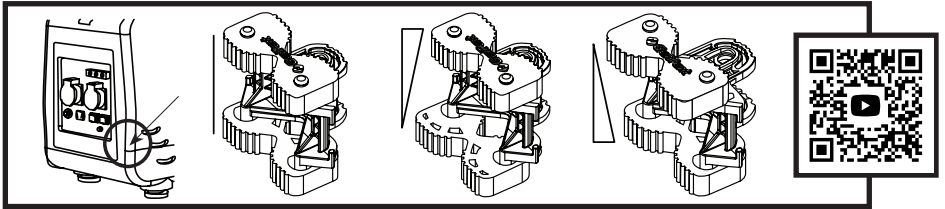
### Transport

For transport remove the Storm Shield Canopy, Shield Frame and the Extender Arms; leave the Angle Brace strap mount in place.

## NOTICE

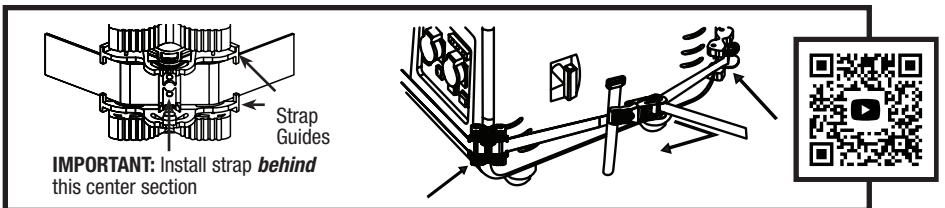
The following steps are done for initial installation. Once installed the first time, the entire strapped assembly can be taken off and reinstalled quickly and easily.

### *Before Installation, Determine the Angle Brace Location and Grommet Setup*



1. Place an Angle Brace at the corner nearest to the electrical panel, slightly under the outlets.
2. Identify the slope of the generator case (positive, negative, or vertical):
  - **Vertical (Straight Up and Down):** Use two thin Gator Grommets™.
  - **Positive Slope (Case narrows at the base):** Use a thin Gator Grommet™ on top and a thick one on the bottom.
  - **Negative Slope (Case widens at the base):** Use a thick Gator Grommet™ on top and a thin one on the bottom.
3. Lower the Angle Brace below the exhaust if it may block it in any way.

### Step 1: Installing the Kevlar® Strap

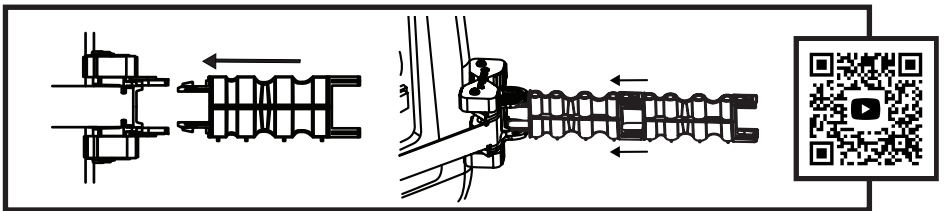


1. Feed the Kevlar® Strap through the centers of all four Angle Braces, ensuring it stays untwisted and under the strap guides.
2. Loosely position the Angle Braces at the generator corners with the Gator Grommets™ against the case.

1. Feed the strap through the ratchet spool (windlass) and pull the slack snug. Begin tightening the ratchet strap handle, tightening the strap in the spool, until the Angle Braces hold snug. Adjust the Angle Braces to ensure proper placement.
2. Tighten the ratchet strap until it produces a light “thrum” when plucked, ensuring the Angle Braces are secure but not overly tight.
3. For larger inverter generators, or inverter generators with high exhaust, the position of the strap may need to be below the exhaust port, with the canopy above the exhaust port, higher than standard setups. Often the use of multiple aprons stacked to ensure coverage of the electric panel can accommodate these higher exhausts.

For an exact fit for your generator, visit: [www.gentent.com/fit](http://www.gentent.com/fit)

## Step 2: Assembling the Extender Arms



### Connecting the Extender Arms

1. Align the Extender Arm prongs with the slots in the Angle Braces and push them in until they snap into place.
2. Repeat for all four corners.

### Adjusting the Extender Arms

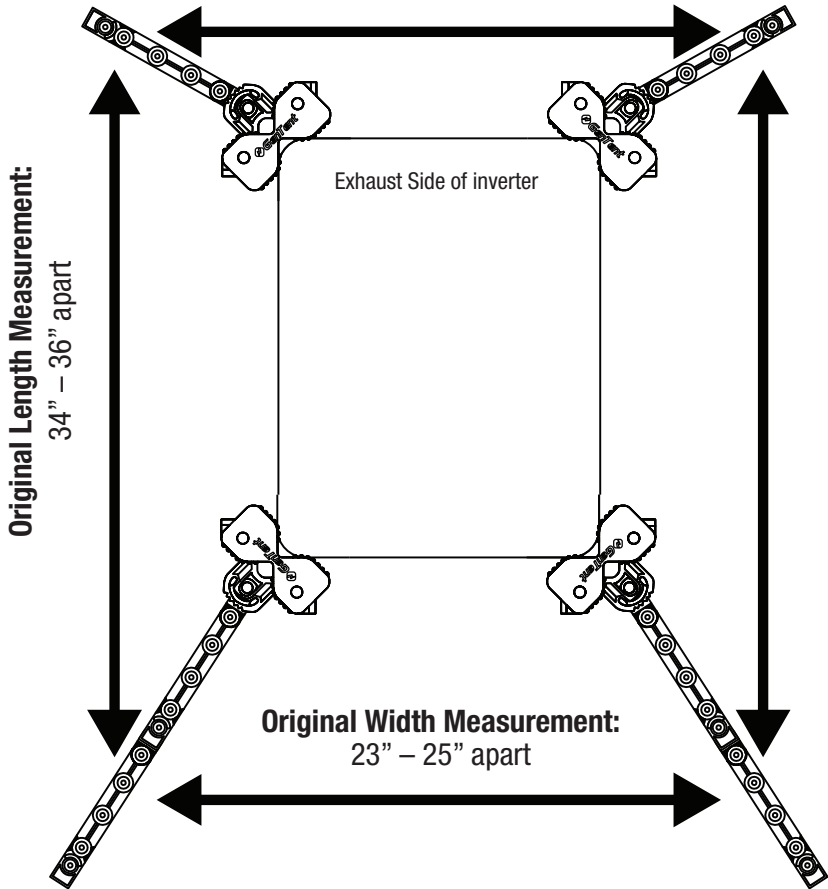
1. Measure the width and length of the generator frame to create an offset rectangle; add extension arms rod to achieve the target dimensions. Width: 23"-25", Length: 34"-36".

#### **⚠ WARNING**

Never mount the Kevlar strap so that it blocks, or is in direct line of, the exhaust. The Kevlar will withstand the heat, however, blocking the exhaust can damage the inverter generator.

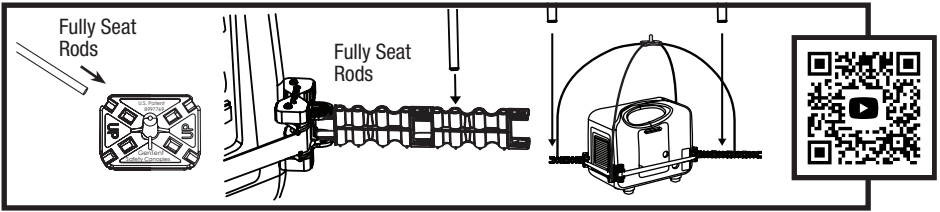
#### **🗨 NOTICE**

Some Inverters position the exhaust above the height of the electrical panel. In this case, it is ok to have the Angle Braces at different heights on the exhaust side as compared to the electrical panel side. The result will be a sloped Storm Shield canopy, but performance is not affected.



2. Angle the Extender Arms on the exhaust side outward. Add additional arms if the span is insufficient. The final arm adjustment should prioritize positioning the canopy edge as close as possible to the allow the exhaust to escape, potentially requiring a slight slope with the exhaust side higher. This may also require the number of extension arms extended from the front and back to differ.
3. Remember which rod hole in your extension arm will be used for the right measurement.

### Step 3: Installing the Storm Shield Frame



#### NOTICE

Each frame rod goes into the Central Connector hole first and then into the corresponding Extender Arm rod hole.

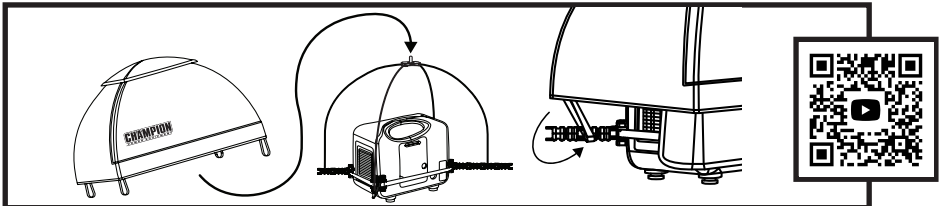
1. Orient the center connector with the vent pin facing upward. Position the connector to align with the generator's short and long sides accordingly.
2. Insert the first frame rod into the center connector, ensuring it is seated all the way in. Always insert the frame rod into the center connector before connecting it to the extension arm.
3. Insert the other end of the frame rod fully into the previously identified extension arm hole.

#### CAUTION

Always grip the frame rods and center connector firmly during installation to prevent the whipping motion that can occur if a bent fiberglass rod is accidentally released.

4. Install the remaining frame rods into the center connector in a crisscross pattern. Grasp the free end of the frame rod firmly, then bend it toward the extension arm and insert it fully into the correct hole.
5. Check the extension arms to ensure the frame rods are fully seated. The extension arms may show slight upward movement, which is normal.

### Step 4: Covering the Generator

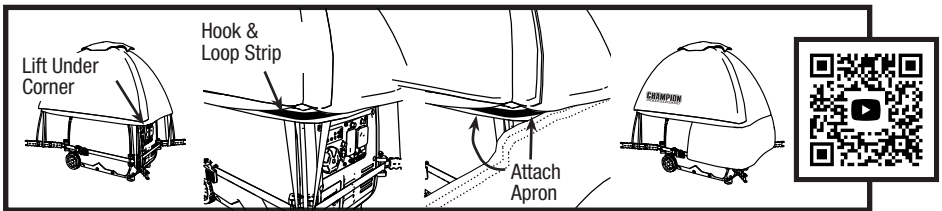


1. Open the Storm Shield canopy and place it over the frame rods, centering the top cap on the center connector pin.
2. Ensure the canopy is positioned evenly and level across the frame.

**⚠ WARNING**

Never position the refueling door on the same side as the exhaust muffler, as spilled gasoline can lead to fire.

- Slide one corner elastic around the end and loop under the extension arm, placing it between the elastic closer to the generator than the frame rods. Repeat for all corners.
- Adjust the canopy if needed to ensure it is level and properly secured.

**Step 5: Installing the Electrical Panel Apron**

- Flip up the over-flap along the bottom edge of the Storm Shield canopy to reveal the hook and loop trim. Position the electrical panel apron in front of the generator's electrical panel, ensuring it is not blocking the exhaust.
- Press the apron firmly onto the hook and loop, then flip the over-flap down over the apron to keep water running over the front, ensuring the electrical outlets stay dry.

**⚠ WARNING**

The Storm Shield canopy must be installed above the exhaust muffler, and the electrical panel apron should never block the exhaust.

Always place your Storm Shield canopy directly above the generator's exhaust; not beside or below it. This ensures safe venting of heat and fumes, protects your equipment, and maintains safe operation. Use brackets or Extender Arms as needed for proper positioning, especially on generators with high exhausts. Never place the refueling door or electrical apron on the exhaust side.

**🗨 NOTICE**

The Storm Shield refueling door is designed to allow you to easily refuel your generator without removing the Storm Shield. After use, the refueling door must be wrapped around the side and pressed firmly back in place. Failure to reseat the door may allow water to seep into the canopy.

Be certain that the fuel door opening does not catch behind the fiberglass rods. The rods should always be tucked into the seams. This can be checked by opening the door after installation.

**Still Have Questions?** For more information and installation tips, visit [www.gentent.com/champion](http://www.gentent.com/champion)

# WARRANTY

## GenTent Safety Canopies 1 Year Limited Warranty

### Warranty Qualifications

GenTent Safety Canopies (GSC) will register this warranty upon receipt of your Warranty Registration Card and a copy of your sales receipt from one of GSC's retail locations as proof of purchase.

Please submit your warranty registration and your proof of purchase within ten (10) days of the date of purchase.

### Repair/Replacement Warranty

GSC warrants to the original purchaser that the mechanical components will be free of defects in material and workmanship for a period of one year (parts and labor) from the original date of purchase and 90 days (parts and labor) for commercial and industrial use. Transportation charges on product submitted for repair or replacement under this warranty are the sole responsibility of the purchaser. This warranty only applies to the original purchaser and is not transferable.

### Do Not Return The Unit To The Place Of Purchase

Contact GenTent Safety Canopies Technical Service and GSC will troubleshoot any issue via phone or e-mail. If the problem is not corrected by this method, GSC will, at its option, authorize evaluation, repair or replacement of the defective part or component. GSC will provide you with a case number for warranty service. Please keep it for future reference. Repairs or replacements without prior authorization, or at an unauthorized repair facility, will not be covered by this warranty.

### Warranty Exclusions

This warranty does not cover the following repairs and equipment:

#### Normal Wear

Products with mechanical and electrical components need periodic parts and service to perform well. This warranty does not cover repair when normal use has exhausted the life of a part or the equipment as a whole.

#### Installation, Use and Maintenance

This warranty will not apply to parts and/or labor if the product is deemed to have been misused, neglected, involved in an accident, abused, loaded beyond the product's limits, modified, installed improperly or connected incorrectly to any electrical component.

Normal maintenance is not covered by this warranty and is not required to be performed at a facility or by a person authorized by GSC.

### Other Exclusions

This warranty excludes:

- Cosmetic defects such as paint, decals, or discoloration, etc.
- Punctures from sharp or falling objects

### Limits of Implied Warranty and Consequential Damage

GenTent Safety Canopies disclaims any obligation to cover any loss of time, use of this product, freight, or any incidental or consequential claim by anyone from using this product. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

A unit provided as an exchange will be subject to the warranty of the original unit. The length of the warranty governing the exchanged unit will remain calculated by reference to the purchase date of the original unit.

This warranty gives you certain legal rights which may change from state to state or province to province. Your state or province may also have other rights you may be entitled to that are not listed within this warranty.

### Contact Information

#### Address

GenTent Safety Canopies LLC.  
99 Pine Rd.  
Brentwood, NH 03833 USA [www.gentent.com](http://www.gentent.com)

#### Customer Service

781-334-8368  
[service@gentent.com](mailto:service@gentent.com)



## Register your Storm Shield:



[www.gentent.com/stormshield](http://www.gentent.com/stormshield)



### Registration Ensures:

- Product warranty activation
- Important safety and product updates
- Exclusive offers for registered customers

**We never share your contact information**

## Need Help? Questions? Returns or Exchanges?



### We're here for you!

Email: [support@gentent.com](mailto:support@gentent.com)

Call: 1-781-334-8368

Send us your installation pictures.

We're happy to offer feedback and tips!