

THE **WORLD'S**  
**WARMEST**  
CLOTHING

**GERBING'S**

HEATED CLOTHING



**12V Powersports User Guide**

Come visit us at our headquarters in Washington state.



**North America.:**  
Gerbing's Heated Clothing Inc.  
1145 85th Ave SE , Tumwater WA 98501



Founders Gordon and Marilyn Gerbing



Jeff Gerbing CEO

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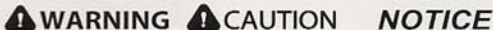
## Safety & Care

Your Gerbing's heated gear has been designed and manufactured to stringent quality and safety standards. You should, however, be aware that there are important precautions for safe and optimal use of the gear.

### Important Safety Instructions

- Read all instructions
- Keep these instructions
- Heed all warnings, cautions and notices
- Follow all instructions

The below ANSI safety alert symbols are use throughout this guide



## General

Gerbing's products are developed for specific, distinct, activities. The design, fit and function of each item is carefully engineered for these activities. The performance expectations of each product should be judged by the activity for which it was designed. A customer who wants to use a Gerbing's product outside of its designated activity should consider all of the product's features, including its heat output.

All the 12-volt DC plug-in items in the Gerbing's Heated Clothing line may be used alone or in any combination, as long as they do not exceed the maximum amperage allowed by your vehicle. See the Service Manual for your vehicle's model for more detailed information on amperage.

A full line of 7-volt heated clothing items are available from selected authorized Gerbing's Dealers, directly through our retail sales department or online at [www.gerbing.com](http://www.gerbing.com)

The full line of 12-volt heated clothing items are available from any authorized Gerbing's Dealer, directly through our retail sales department or online at [www.gerbing.com](http://www.gerbing.com)

A full line of 12-volt Hybrid ( plug-in and/or battery operated) heated clothing items are available from selected authorized Gerbing's Dealers, directly through our retail sales department or online at [www.gerbing.com](http://www.gerbing.com)

Note: All new items have coaxial connectors. In order to use previously purchased Gerbing's heated garments having S.A.E. plugs, adapters may be necessary. These adapters can be purchased from Gerbing's.

Note: Please read all the warning and cautions that follow for proper usage of your Gerbing's Heated Clothing.

**⚠ WARNING**

To reduce the risk of burns, electric shock and fire, which could result in death or serious injury, Gerbing's Heated Clothing must be used in accordance with the following instructions:

- Use the 12-volt DC plug-in Gerbing's Heated Clothing on a 12 Volt DC circuit only.
- Use the appropriate size fuse for your Gerbing's Heated Clothing riding gear combinations. See 12 Volt Battery Harness Fuse Installation Guide page in this instruction booklet.
- Unplug the Gerbing's Heated Clothing when not in use.
- Gerbing's Heated Clothing is not to be used by a person sleeping or with poor blood circulation or those with medical conditions in which their skin is insensitive to heat.
- Do not use the cord as a handle.
- Do not crush the Gerbing's Heated Clothing and avoid sharp folds.
- Do not wear the Gerbing's Heated Vest or Jacket directly next to the body. These items are designed to be worn with a light shirt underneath.
- NEVER FOLD OR LEAVE GERBING'S HEATED CLOTHING ON WHEN UNATTENDED, WHILE PLUGGED INTO A POWER SOURCE.

**⚠ CAUTION**

It is possible to overload your vehicle's charging system by adding too many electrical accessories. If your combined electrical accessories operating at any one time consume more electrical current than your vehicle's charging system can produce, the electrical consumption can discharge the battery and cause vehicle electrical system damage.

See your vehicle's dealer for advice about the amount of current consumed by additional electrical accessories, or for necessary wiring changes.

**Safety & Care**

Your Gerbing's heated gear has been designed and manufactured to stringent quality and safety standards. You should, however, be aware that there are important precautions for safe and optimal use of the gear.

## 12 Volt Battery Harness Fuse Installation Guide

### **WARNING**

- Heated riding gear must be used in accordance with the manufacturer's specifications and instructions to reduce the risk of burns and fire, which could result in serious injury or death.
- Only use a fuse rated for the riding gear combination you are using. Using a higher rated fuse than needed for the riding gear may result in the fuse not blowing and failing to protect the circuit. This can cause damage to riding gear, vehicle or persons, which could result in serious injury or death.

### **NOTICE**

- Using a lower rated fuse than specified can result in the fuse blowing and the product not working as designed.
- Follow included chart for the recommended size fuse for your application.
- Depending on packaging, your provided battery harness may not come with a pre-installed fuse. View the chart and choose the correct size fuse for your clothing combination.
- If your harness came with a fuse installed you will need to take note what size it is. Review the chart and replace the installed fuse with the correct size for your clothing combination.
- When you add or change the combination of items, check the fuse requirements and change as needed.
- Keep this chart for future reference.

PRODUCT	GLOVES	INSOLES	JACKET	PANTS	VEST
AMP DRAW	2.2	2.2	7.4	4.5	5.4
	per pair	per pair	each	each	each

Example:

Gloves @ 2.2 amps + Jacket @ 7.4 amps = 9.6 amps

Fuse required = 10 amp

Use the lowest rated fuse that is rated above your calculated total current draw

Fuse color chart

COLOR	VIOLET	TAN	BROWN	RED	BLUE
AMP	3	5	7.5	10	15



## Battery Harness Installation

### WARNING

Use only the battery harness supplied with your Gerbing's Heated Clothing. (**DO NOT** use the Battery Tender® harness that may already be installed on your vehicle).

To prevent accidental vehicle start-up, which could cause death or serious injury, disconnect battery cables (negative cable first) before proceeding.

If positive (+) cable should contact ground with negative (-) cable connected, the resulting sparks can cause a battery explosion, which could result in death or serious injury.

Failure to install the positive ring terminal (with fuse) of the supplied battery harness to the positive (+) battery terminal could result in burns, electrical shock and fire which could result in death or serious injury.

### WARNING

Connect positive (+) battery cable first. If positive (+) cable should contact ground with negative (-) cable connected, the resulting sparks can cause a battery explosion, which could result in death or serious injury.

2. See Figure 2. Install the positive ring terminal of the battery harness to the battery as follows:
  - a. Place the positive ring terminal from the battery harness (the cord with the fuse) onto the positive battery screw.
  - b. Place the positive battery cable ring terminal onto the screw threads.
  - c. Reattach the screw to the positive battery terminal, but do not tighten at this time so you can adjust harness for routing.
3. Install the negative ring terminal of the battery harness to the battery as follows:
  - a. Place the negative ring terminal from the battery harness (the cord without the fuse) onto the negative battery screw.
  - b. Place the negative battery cable ring terminal onto the screw threads.
  - c. Reattach the screw to the negative battery terminal, but do not tighten at this time so you can adjust harness for routing.



**⚠ WARNING**

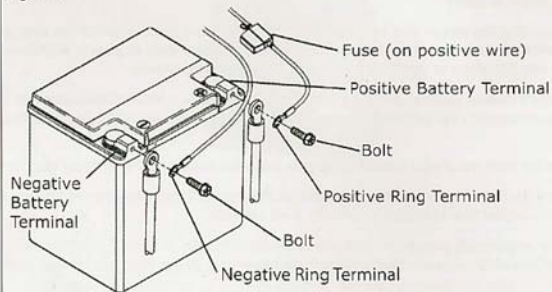
Be certain the battery harness cords are not pinched. A pinched cord could result in a fire or electrical damage to the vehicle and/or riding gear which could result in death or serious injury.

4. Secure the battery harness cords to the vehicle frame with cable straps. Be certain the cords, fuse and connector will not be pinched.
5. The battery harness socket should hang out under the left-hand side of the vehicle about 2 to 3 inches (50-75 mm).
6. Tighten the battery screws to manufactures torque specifications, negative side first, then reinstall any parts removed.



Battery Harness

Figure 2



## Connecting Heated Clothing

### WARNING

Gerbing's Heated Clothing **MUST** be used with a Gerbing On/Off switch or Temp-Controller. Failure to do so may cause burns, which could result in serious injury.

If Gerbing's Heated Clothing will be worn by both rider and passenger, install two battery harnesses to the battery terminals.

Do not connect clothing for more than one person to a single red female port on the battery harness, On/Off switch or Temp-Controller. Heated Clothing cords could become entangled, distracting the rider, which could result in death or serious injury.

### CAUTION

Unplug the power cord before getting off the vehicle. Attempting to get off the vehicle with the clothing still connected may result in injury.

Do not plug the power wire into the female ports located at the waist of the vest, jacket or to the male plugs at the arms of the jacket. These plugs or ports are intended only to plug in additional garments. Plugging the power wire into the plugs or ports may cause damage to the garments.

Gerbing's Heated Jackets, Jacket Liners and Vest Liners use a Power Distribution Unit (PDU) at the waist. This unit is used to distribute power to the garment's heating system and external plugs which are used to supply power to additional heated riding gear.

To get the most out of your heated riding gear follow the steps below to properly use the interconnected system.

- 1. Plug the red male plug on the standard On/Off switch or Temp-Controller into the red female port from the battery harness. If the Temp-Controller is not plugged in correctly, it will not work.
- 2. The white female port at the other end of the On/Off switch or Temp-Controller (and the black female port on the Dual Temp-Controller) connects directly to the male power plug on the Gerbing's Heated Clothing as follows:

**Gerbing's Heated Jacket/Jacket Liner:** The white male plug at the waist is the jacket's power plug (this is the plug in the PDU closest to the zipper). Plug the jacket's power plug directly into the white female port on the On/Off switch or Temp-Controller.

Plug the red plug terminal of the On/Off switch or Temp-Controller into the battery harness.

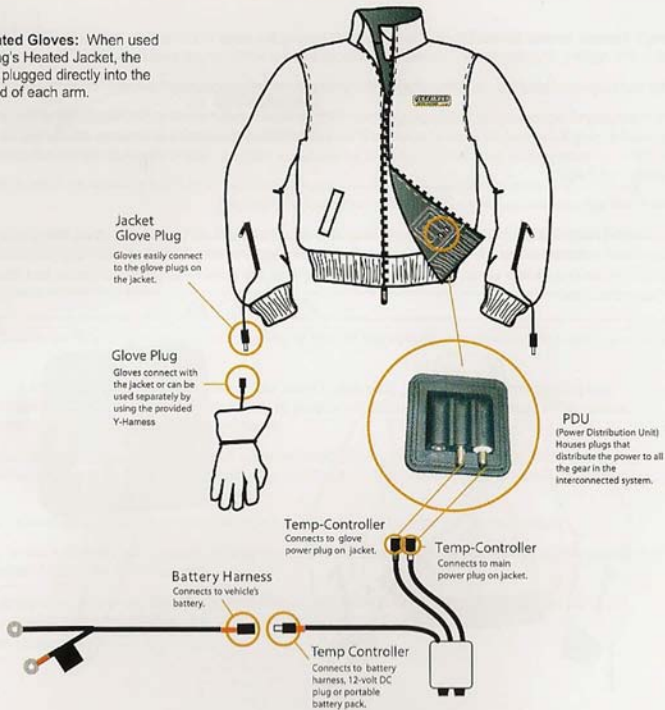
A black male plug at the waist (the middle plug in the PDU) provides power to the short male plugs at the end of each arm which can be used to plug in Gerbing's Heated Gloves and also at the same time supplies power to the female port (the one closest to the wearers left side seam) which can provide power to an additional garment, such as Heated Socks, Heated Insoles, Heated Pant Liner or Heated Pants:

– Connect the black female port from the Dual Temp-Controller to this plug

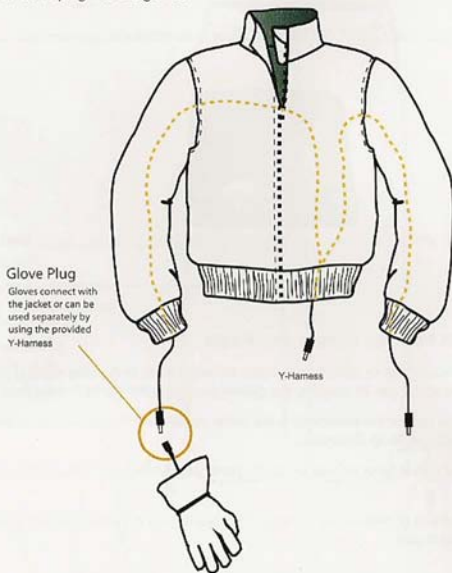
– If an On/Off Switch or Single Temp-Controller is used and you also want use any additional heated gear at the same time in the interconnected system a splitter is required. Connect the white plug from the jacket liner and black plug from the liner into the splitter's corresponding female plugs, then plug the male plug from the splitter into the white female port from the On/Off Switch or single Temp-Controller.



**Gerbing's Heated Gloves:** When used with the Gerbing's Heated Jacket, the gloves may be plugged directly into the plugs at the end of each arm.



When used without the jacket, plug the Y-Harness, (included with the gloves) directly into the white female port on the On/Off switch or Temp-Controller. The harness is long enough so that the cords can run up inside a shirt or jacket and extend down the sleeves to plug into the gloves.



**Gerbing's Heated Vest Liner:** The white male plug at the waist is the vest's power wire. It also supplies power to the two other female ports used for accessories. Plug the vest's power wire directly into the white female port on the On/Off switch or Temp-Controller;

The vest liner has two female ports, also at the waist, which can provide power to an additional garment such as heated insole, gloves or the Gerbing's Heated Pants.



**Vest Plug**

Power in for vest

**Accessory Ports**

Power out port for pants, gloves or insoles

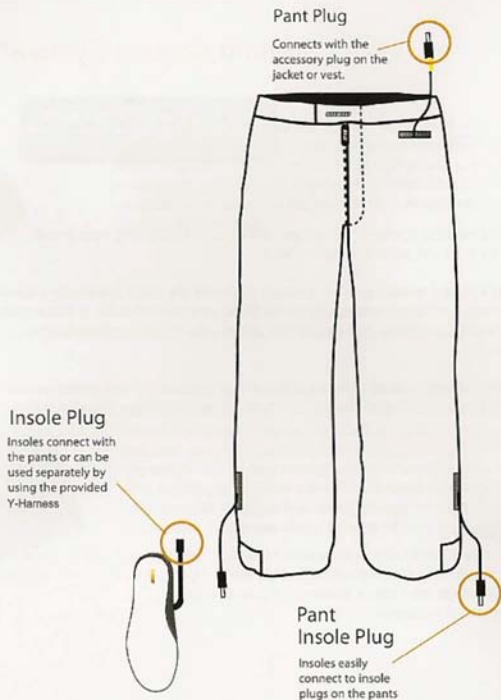
### To use the Heated Vest Liner with both the Gloves and Pants

Connect the white female port of the Temp-Controller or On/Off Switch into the white male plug at the waist of the vest. This will provide power to the two black female ports which can be used for the gloves, insoles, outer pants or pant liner.

**Gerbing's Heated Pants:** The yellow male plug at the waistband is the pants power wire. Plug the pants power wire directly into the white female port on the On/Off switch or Temp-Controller.

If the pants are worn with Gerbing's Heated Jacket Liner or Vest Liner, the pants may be plugged directly into a female port located at the waist of the jacket or vest.

The pants also have short male plugs at the end of each leg which are to be used to plug in heated insoles. There are convenient pockets to store the pant leg plugs when not in use.



## Hybrid Heating System™

### Hybrid Products

#### Gerbings offers Hybrid products ... What is a Hybrid product?



Gerbings's products that utilize the Hybrid Heating System™ gives you the option of obtaining your power through a stationary 12-volt system or by a 12-volt portable battery pack.

You can choose to power your Gerbings's Hybrid heated product through a 12-volt electrical system by a simple connection to the vehicle's battery or through a 12-volt accessory outlet found on most vehicles. A motorcycle, snowmobile, ATV, boat, automobile or even an airplane can be used to power your Hybrid heated product. (Includes battery harness for installation.)

The other option of powering your Hybrid heated product is through one of our portable 12-volt rechargeable battery packs that give you the freedom to use your Hybrid heated product almost anywhere. Simply charge the battery and enjoy hours of warmth!



#### BAT-LI-121

The 1.2 Ah Lithium micro-processor controlled rechargeable battery pack that gives you the option to use your Hybrid heated gloves or Hybrid heated insoles almost anywhere. Simply charge the battery and enjoy hours of warmth!

*Charger sold seperately*



**BAT-LI-124**

The 4 Ah Lithium Polymer 12v battery pack weighs less than 11 ounces and can power Gerbing's 12v heated products that do not exceed a maximum 48 watts (4 amps) draw. The battery comes in with a built-in five level temperature controller and a power level indicator that displays how much charge remains in the battery. The charger will charge the battery in approximately 5 hours and be recharged for hundreds of cycles. *Charger sold separately.*

**BAT-LI-128KIT**

The 8 Ah Lithium Polymer 12v battery pack comes complete with a charger and battery belt and carrying case. The battery is lightweight (1.3lbs), very thin and can power Gerbing's 12v heated products that do not exceed a maximum 60 watts (5 amps) draw. The battery comes with a built-in five level temperature controller and a power level indicator that displays how much charge remains in the battery. The charger will charge the battery in approximately 5 hours and be recharged for hundreds of cycles.

## Hybrid Jacket

## Portable Battery Option



Lithium Battery - BAT-LI-124

## Hybrid Heating System™

**NEW!****"Intelligent Power Monitoring Unit"**

monitors the power input, so when the jacket is plugged into a motorcycle (13.8v) it provides power to the gloves and the heating system.

When jacket is plugged into the lithium battery (12.6v) it will provide power to the heating system only.

By using this innovative system you can operate the heating system without the fear of drawing too much power from the portable lithium battery.

**Instructions for using with portable lithium battery**

- Fully charge the Lithium battery when you finish reading instructions, then before each use. Refer to detailed instructions included with battery and charger to insure proper operation and continued long life.
- Access the wearers left pocket inside the jacket then connect the Microwire™ heating system by plugging the DC plug from the jacket into the batteries recessed port.
- Use the remote control unit to set the temperature level by pushing "POWER" button to wake up system and individual buttons to select the desired heat level. (If the remote unit is not utilized you can use the control pad on the battery to control heat level).
- Store battery in the pocket inside of the jacket (while in use).
- Wait 5 minutes after putting the jacket on and then re-adjust the power level to the right temperature for your body and weather conditions.

## 12-Volt Plug-in Option



Hook the battery harness to your 12-volt system then access the jacket plug by unzipping the zipper inside the wearers left pocket. Plug the jacket plug into the battery harness.

*Follow battery harness connection instructions on page 3.*



Battery Harness -ACBH

### Instructions for using with motorcycle battery

- Disconnect plug from portable battery that is connected to the jacket plug.
- Feed the plug through opening inside of the pocket and plug into Temp-Controller or On/Off switch and then plug Temp-Controller or On/Off switch into battery harness.

### Hybrid Jacket Includes:

Heated Jacket with Microwire™ heating system, battery harness, for 12-volt electrical system installation, optional remote control four level lithium battery and charger

## Hybrid Heating System™

### Hybrid Gloves

### Portable Battery



Lithium Battery - BATLI121

### Instructions for using with portable lithium battery

- Fully charge the lithium battery when you finish reading instructions, then before each use. Refer to detailed instructions included with battery and charger to insure proper operation and continued long life.
- Feed the battery lead thru the rubber grommet inside outer pocket into the pocket inside the gauntlet.
- Unzip the pocket inside the gauntlet then connect the Micro-Wire heating system by plugging into the DC plug from the glove into the battery plug.
- Set the temperature level by pushing "POWER" button and again up to two more times for maximum heat.
- Store battery in the pocket inside of the glove (while in use).
- Wait 5 minutes after putting the glove on and then re-adjust the power level to the right temperature for your body and weather conditions.

## 12-Volt Plug-in



Hook the battery harness to your 12-volt system then access the glove plug by unzipping the zipper inside the gloves gauntlet. Plug the glove plug into the plug on one of Gerbing's branded jacket sleeves or Y-Harness. See page 5 for illustration.

*Follow battery harness connection instructions on page 3.*



Battery Harness - ACBH

### Instructions for using with motorcycle battery

- Remove plug from portable battery that is connected to the glove plug.
- Feed the plug through opening inside of pocket and plug into plug stored in pocket on sleeve or plug into included Y harness plug.

#### Hybrid Glove Includes:

Heated Gloves with Microwire heating system, battery harness, for 12-volt electrical system installation, Y harness, four level lithium battery and charger

## Hybrid Insoles

### 12-Volt Plug-in



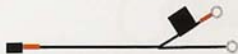
## Hybrid Heating System™



Hook the battery harness to your 12-volt system then plug insole plug into the plug on one of Gerbing's branded pant legs or Y harness.

*See page 6 for illustration.*

*Follow battery harness connection instructions on page 3.*



Battery Harness - ACBH

## Portable Battery Options



### BAT-LI-121

The 1.2 Ah Lithium micro-processor controlled rechargeable battery pack that gives you the option to use your Hybrid heated gloves or Hybrid heated insoles almost anywhere.

Simply charge the battery and enjoy hours of warmth!

*Charger sold separately*

**BAT-LI-124**

The 4 Ah Lithium Polymer 12v battery pack weighs less than 11 ounces and can power Gerbing's 12v heated products that do not exceed a maximum 48 watts (4 amps) draw. The battery comes in with a built-in five level temperature controller and a power level indicator that displays how much charge remains in the battery. The charger will charge the battery in approximately 5 hours and be recharged for hundreds of cycles. Charger sold separately.

**BAT-LI-128KIT**

The 8 Ah Lithium Polymer 12v battery pack comes complete with a charger and battery belt and carrying case. The battery is lightweight (1.3lbs), very thin and can power Gerbing's 12v heated products that do not exceed a maximum 60 watts (5 amps) draw. The battery comes with a built-in five level temperature controller and a power level indicator that displays how much charge remains in the battery. The charger will charge the battery in approximately 5 hours and be recharged for hundreds of cycles.

**Hybrid Insoles Includes:**

Heated Insoles with Microwire heating system, battery harness, for 12-volt electrical system installation and Y harness.

Lithium batteries are optional



Our 12v products are designed to be powered by a 12VDC electrical system by a simple connection to the vehicle's battery or through a 12-volt accessory outlet. A motorcycle, snowmobile, ATV, boat, automobile, golf cart or even an airplane can be used to power our 12v heated products.

#### BATTERY HARNESS ACBH

Connects your heated clothing directly to your vehicle's battery.



#### ACCESSORY PLUG ACPL

Provides a direct connection from your heated garments to the accessory port found on a BMW motorcycle. This plug is not a standard cigarette lighter plug.



#### COAX EXTENSION CORD ACEC (size)

Coax male plug on one end and a coax female plug on the other end. Available in 12", 24" and 36" lengths.

ACEC1  
ACEC2  
ACEC3



#### COIL CORD EXTENSION ACECC

Coax male plug on one end and a coax female plug on the other end. Extends six feet.



#### SPLITTER ACSP

When wearing gloves and insoles (Or pants), the splitter connects the gloves and insoles (or pants).



#### COIL CORD HARNESS ACYHC

Glove/sock 3-prong Y harness that uses coiled cords that extend two feet.





**ACCESSORY PLUG KIT ACPK**

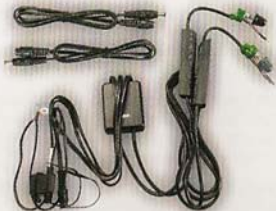
Provides a direct connection from your heated garments to the accessory port.

This kit includes battery harness, accessory plug and port.

**DUAL TEMP-CONTROLLER PERM TCPTD**

Controls heat output for two circuits. Designed to mount to vehicle, only knob and LED lights are visible.

*Not designed to control heat for two riders*



Available: SINGLE TEMP-CONTROLLER PERM TCPT

**DUAL TEMP-CONTROLLER TCPBD**

Controls heat output for two circuits

Not designed to control heat for two riders



Shown with optional leather clip case

Available: SINGLE TEMP-CONTROLLER TCPB

**12V DC PLUG (CIGARETTE) ADAPTER ACPLS**

This 12-volt DC outlet plug adapts your Gerbing's products with a cigarette lighter receptacle, such as found on a car, boat, ATV, or snowmobile.

**Y HARNESS ACYH**

The glove/insole 3-prong Y harness connects either two gloves if there are no heated sleeves to plug into, or two insoles if there are no heated pant legs.

**ON/OFF SWITCH ACSW**

Provides a budget alternative to control the heat output.



Note: If you are purchasing a single controller (TCPB) or on/off switch (ACSW) to use with one of our jackets which are wired with our Dual 2 wiring systems, you will need to purchase a splitter if you choose to operate other heated clothing with the jacket.

**ACCESSORY PLUG KIT ACPK**

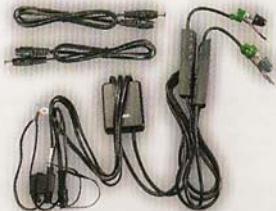
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**ON/OFF SWITCH ACSW**

Provides a budget alternative to control the heat output.



Note: If you are purchasing a single controller (TCPB) or on/off switch (ACSW) to use with one of our jackets which are wired with our Dual 2 wiring systems, you will need to purchase a splitter if you choose to operate other heated clothing with the jacket.

### Limited Warranty

When you purchase this Gerbing's heated garment within the United States, Canada and Europe, the electrical components of the garment are warranted to be free from factory defects in materials and workmanship for the life of the garment. All other components of the garment are warranted to be free from factory defects in materials and workmanship for a period of one (1) year from the date of the first retail purchase.

If you have a warranty claim, please return the garment together with the original receipt and warranty card within the warranty period to any authorized Gerbing's dealer for inspection. Gerbing's will repair without charge a heated garment found under normal use to be defective during the warranty period. If we determine that a garment covered by the warranty cannot be repaired, we will replace the garment. Please allow up to 4-6 weeks for repair or replacement.

This limited warranty sets forth the complete liability and obligations of Gerbing's Heated Company for breach of warranty.

This limited warranty does not cover repairs by third parties, rips, scratches, tears, cracks, and wrinkles from abnormal use and tear or exposure, or deterioration caused by ordinary wear and tear or exposure. It also does not cover damage caused by accident, abuse or improper cleaning or care.

This warranty is in lieu of any and all other warranties, express or implied, including those of fitness for a particular purpose and merchantability.

Gerbing's shall not be liable for any damages directly or indirectly related to Gerbing's heated garments, including without limitation any damages for injury to persons or property occurring while anyone is wearing a Gerbing's heated garment.

Without limiting the foregoing, Gerbing's shall not be liable for loss of use, inconvenience, lost time, commercial loss or other incidental or consequential damages.

The foregoing limitations of liability shall apply to the full extent permitted by law.

Some states or countries do not allow the exclusion or limitation of incidental or consequential damages or limitations on how long an implied warranty lasts, so the above limitations and exclusions may not apply to you. This warranty gives you specific legal rights, and you may have other rights which vary from jurisdiction to jurisdiction.

### North America:

Gerbing's Heated Clothing Inc.  
Attn: Warranty Department  
1145 85th Ave SE , Tumwater WA 98501  
Phone: 800-646-5916 Local: 360-357-1110  
E-mail: [info@gerbing.com](mailto:info@gerbing.com)  
Internet: [www.gerbing.com](http://www.gerbing.com)

### Europe:

Gerbing's Heated Clothing Inc.  
Attn: Warranty Department  
Graaf van Lijndenlaan 3,7316 EG Apeldoorn  
Netherlands Tel: +31 555 788 788 Fax: +31 555 785 104  
E-mail: [info@gerbing.eu](mailto:info@gerbing.eu)  
Internet: [www.gerbing.eu](http://www.gerbing.eu)

We recommend that you register your purchase. This will aid us in verifying your purchase and validating the above warranty.

In the U.S.A. you can go to [www.gerbing.com](http://www.gerbing.com) or call 1-800-646-5916.

In Europe go to [www.gerbing.eu](http://www.gerbing.eu) or call +31 555 788 788

If you have purchased gear at a show or Expo that Gerbing's Heated Clothing Inc. has attended then your purchase is already registered.

If you have purchased gear from one of our authorized dealers you will need to register your purchase, (Follow directions above).

In the event that a Return Authorization number is needed for exchange or repair use the above contact information for your region and a Customer Care agent will walk you through the process.

NOTE: International customers must use our (360) 357-1110 phone number as opposed to using our toll free numbers.

**GERBING'S**

HEATED CLOTHING

THE **WORLD'S**  
**WARMEST**  
CLOTHING



**12V Powersports User Guide**

# THE WORLD'S WARMEST CLOTHING

**GERBING'S**  
HEATED CLOTHING

Regulates heat for the  
Gerbing's Heated Clothing line



MOTORCYCLE



RECREATION



AIRCRAFT



SPORTSMEN



INDUSTRIAL



SPORTS

- ★ ***Solid state design***
- ★ ***Full range heat controlled***
- ★ ***High efficiency design***
- ★ ***Waterproof design***

**PORTABLE**

**TEMP CONTROLLER**

## Temp-Controller Instructions

### Battery Hook-up

1. Access battery, disconnect terminals (negative first), connect battery harness to battery (positive first) positive (+) to fused side and then negative (-).
2. An accessory plug can also be used to power unit.

### How to use Controller

1. With power source on, plug output cord into male cord from garment (white), then plug input cord into battery harness (red sleeve).
2. Adjust power by turning knob (clockwise to increase heat).  
Counterclockwise to turn down or off (knob clicks in off position).

A dual controller has two knobs to control two separate circuits (re: gloves separate from jacket)

Three Year Warranty

Connects easily between battery harness and jacket

Electronic controls only draw as much power as you request

**WARNING! WARNING! WARNING!**

Do not modify or use any other battery harness, then the one(s) provided.

Do not cut off plugs

Temp Controller Portable



A-0-16-28

MADE IN CHINA

PLACE  
STAMP  
HERE

GERBING



TGO

GERBING CONTR PORT SINGLE

**\$69.95**

## Limited Warranty

When you purchase this Gerbing's Temp-Controller within the United States, the electrical components of the controller are warranted to be free from factory defects in materials and workmanship for a period of three (3) years from the date of the initial purchase.

If you have a warranty claim, please return the controller together with the original receipt to Gerbing's Heated Clothing for inspection. Gerbing's will repair without charge a Temp-Controller found under normal use to be defective during the warranty period. If we determine that a Temp-Controller covered by the warranty cannot be repaired, we will replace the controller. Please allow 4-6 weeks for repair or replacement. Shipping costs are the responsibility of the customer.

This limited warranty sets forth the complete liability and obligations of Gerbing's Heated Clothing, Inc. for breach of warranty.

This limited warranty does not cover repairs by third parties, rips, scratches, tears, cracks and wrinkles from abnormal use and tear or exposure or deterioration caused by ordinary wear and tear or exposure. It also does not cover damage caused by accident, abuse or improper cleaning or care.

THIS WARRANTY IS IN LIEU OF ANY AND ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THOSE OF FITNESS FOR A PARTICULAR PURPOSE AND MERCHANTABILITY.

GERBING'S HEATED CLOTHING, INC. SHALL NOT BE LIABLE FOR ANY DAMAGES DIRECTLY OR INDIRECTLY RELATED TO GERBING'S HEATED GARMENTS INCLUDING WITHOUT LIMITATION ANY DAMAGES FOR INJURY TO PERSONS OR PROPERTY OCCURRING WHILE ANYONE IS WEARING A GERBING'S HEATED GARMENT.

WITHOUT LIMITING THE FOREGOING, GERBING'S HEATED CLOTHING, INC. SHALL NOT BE LIABLE FOR LOSS OF USE, INCONVENIENCE, LOST TIME, COMMERCIAL LOSS OR OTHER INCIDENTAL OR CONSEQUENTIAL DAMAGES.

THE FOREGOING LIMITATIONS OF LIABILITY SHALL APPLY TO THE FULL EXTENT PERMITTED BY LAW.

Some states do not allow the exclusion or limitation of incidental or consequential damages or limitations on how long an implied warranty lasts, so the above limitations and exclusions may not apply to you. This warranty gives you specific legal rights, and you may have other rights which vary from jurisdiction to jurisdiction.

Logon to [www.gerbing.com](http://www.gerbing.com) to register or add postage to card and mail to:

**Gerbing's Heated Clothing, Inc.**

Attn: Warranty Dept. • 750 E. Dalby Rd. • Union, WA. 98592 • Tel: 800.646.5916 Fax: 360.898.4223 • [www.gerbing.com](http://www.gerbing.com) • [sales@gerbing.com](mailto:sales@gerbing.com)

**GERBING'S**

Name \_\_\_\_\_

Street \_\_\_\_\_ Apt or Suite \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_ Ph \_\_\_\_\_

Email \_\_\_\_\_

Product Purchased \_\_\_\_\_ Date of Purchase \_\_\_\_\_

Purchased at \_\_\_\_\_ Months of Year Intended Use \_\_\_\_\_

Make and Model Serial Number \_\_\_\_\_

Comments \_\_\_\_\_

**Gerbing's Heated Clothing, Inc.**

Attn: Warranty Dept. • 750 E. Dalby Rd. • Union, WA. 98592 • Tel: 800.646.5916 Fax: 360.898.4223



**⚠ WARNING**

- Heated riding gear must be used in accordance with the manufacture's specifications and instructions. Use a fuse rated for the riding gear combination selected.
- Using a higher heated fuse than required by the riding gear combination selected can fail to protect the circuit, which could result in a fire causing possible death or serious injury or damage to the riding gear motorcycle.

**NOTICE**

- Using a lower rated fuse than specified can result in the fuse blowing and the product not working as designed.
- Follow included chart for the recommended size fuse for your application.
- Depending on packaging, your provided battery harness may not come with a pre-installed fuse. View the chart and choose the correct size fuse for your clothing combination.
- If your harness came with a fuse installed you will need to take note what size it is. Review the chart and replace the installed fuse with the correct size for your clothing combination.
- When you add or change the combination of items, check the fuse requirements and change as needed.
- Keep this chart for future reference.

PRODUCT	GLOVES	SOCKS	JACKET	PANTS	VEST
AMP DRAW	2.2	2.2	6.4	4	5.4
	per pair	per pair	each	each	each

Example:

Gloves @ 2.2 amps + Jacket @ 6.4 amps = 8.6 amps

Fuse required = 10 amp

Use the lowest rated fuse that is rated above your calculated total current draw

## Fuse Set

COLOR	VIOLET	TAN	BROWN	RED	BLUE
AMP	3	5	7.5	10	15

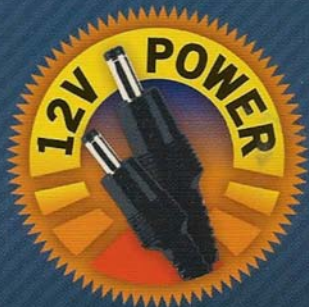
THE **WORLD'S**  
**WARMEST**  
CLOTHING



Gerbing's 12v heated products come with a **LIFETIME WARRANTY** on the heating elements. All warranty claims are handled directly by Gerbing's Heated Clothing by phone (800.646.5916) or by email ([returns@gerbing.com](mailto:returns@gerbing.com)).

To view complete warranty details and to register your product on-line please visit our website at:  
[www.gerbing.com](http://www.gerbing.com)

THE **WORLD'S**  
**WARMEST**  
CLOTHING



**GERBING'S**  
HEATED CLOTHING

## How Does it Work ?

Gerbing's 12v heated products are designed to be powered by a 12VDC electrical system with a simple connection to the vehicle's battery or through a 12-volt accessory outlet. A motorcycle, snowmobile, ATV, boat, automobile, golf cart or even an airplane can be used to power our 12v products. Includes fused battery harness for installation.

## Interconnected System Diagram

All of our 12v heated clothing products form a true interconnected system in which every item connects to everything else. You can wear a jacket, gloves, pants, and insoles with only a single connection to your battery. For example, our gloves and insoles plug into our three-prong connecting harness or directly into our pants or jacket.

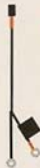


### Dual Regulated

Dual Liner allows you to regulate the gloves separately from the liner



**Battery Harness**  
Connects to battery



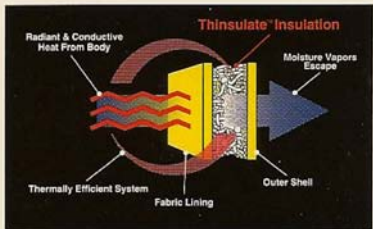
***Thinsulate***<sup>TM</sup>  
**INSULATION**

**3M**

# Thinsulate™

INSULATION

- Superior warmth
- Soft and breathable so you remain comfortable
- High durability – even after rugged use and repeated cleanings
- Effective in both dry and wet weather conditions



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Visit our website ([www.3M.com/Thinsulate](http://www.3M.com/Thinsulate)) to learn more about authentic Thinsulate insulation products.

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TH-G2

MICROWIRE™

HEAT TECHNOLOGY



Incorporates our patented process of using micro-sized conductive fibers that are intertwined and encased in a protective coating. The Microwire® is then woven into a heating matrix that is placed in the product. This system is the most durable and efficient heating technology ever developed.

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QTY	DESCRIPTION	AMOUNT
1	3086 P/N MISC	0.00
1	JKT GH LINER MD/LG P/N JLT-M/L-R Reg. Price: \$199.95	119.95
1	GERBING CONTR PORT P/N TCPBS	69.95
1	RICH KENNEDY P/N RICH KENNEDY	0.00
1	ELECTRONIC VISA/MC P/N EVISA	0.00
	Sold Now Taxable Total	269.90
	Sold Now Less Discount	80.00
	Discounted Taxable Total	203.85
	Handling	13.95
	Total Amount Due	203.85
	EVISA/MC Tendered	203.85

Please inspect this order immediately.  
If not completely satisfied, keep all  
packing material & call salesperson on  
invoice at 301-497-8949 for return  
info. No returns on electrics,  
installed items, helmets, clothing worn  
next to skin, or items that show wear  
or use unless defective. Returns after  
30 days will be for exchange or store  
credit only. A restocking fee may apply  
to returns.