



**ACTIVATE YOUR WARRANTY**

by registering your product:  
[championpowerequipment.com](http://championpowerequipment.com)

SERIAL NO.



**1-877-338-0999**

or visit [championpowerequipment.com](http://championpowerequipment.com)

**READ AND SAVE THIS MANUAL.** 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

Congratulations on your purchase of a Champion Power Equipment (CPE) product. CPE designs, builds, and supports all of our products to strict specifications and guidelines. With proper product knowledge, safe use, and regular maintenance, this product should bring years of satisfying service.

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.

Since CPE highly values how our products are designed, manufactured, operated and are serviced, and also highly value your safety and the safety of others, we would like you to take the time 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. We want you to continue to use and be satisfied with your CPE product for years to come.

When contacting CPE 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 below

### CPE TECHNICAL SUPPORT TEAM

1-877-338-0999

### MODEL NUMBER

18029

### 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).

### WARNING

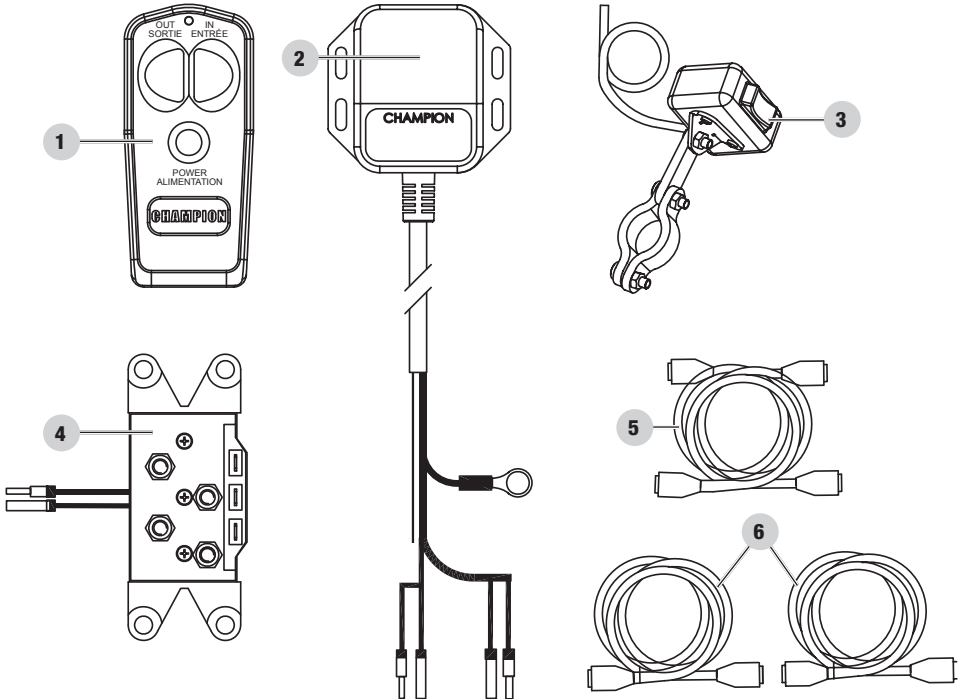
Cancer and Reproductive Harm –  
[www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## CONTROLS AND FEATURES

Read this operator's manual before operating your winch. Familiarize yourself with the location and function of the controls and features. Save this manual for future reference.

### Winch Wireless Remote Kit

\* Mounting hardware not shown.



- 1. Wireless Remote Control** – Used to power the rope in or out of your winch drum.
- 2. Antenna** – Receives wireless signal from wireless remote control from within a 50 ft. radius.
- 3. Rocker Switch** – Rocker switch with handlebar mount for powering the rope in or out of your winch drum.
- 4. Solenoid/Contactor** – Power from the vehicle battery flows through the weather sealed solenoid/contactant switch before being directed to the winch motor.
- 5. Battery Connection Cables** – Used to connect the battery to the solenoid/contactant.
- 6. Winch Connection Cables** – Used to connect the winch motor to the solenoid/contactant.

## ASSEMBLY

### 1) Install Solenoid/Contactor

Find a location for the contactor. If the model specific mounting kit does not indicate a recommended contactor location, then it is recommended that the contactor be mounted close to the battery in a clean dry location. Make sure the location you chose allows sufficient clearance from all metal components. Drill mounting holes if required. Once location is found do not install until all wiring is completed.

### 2) Install Rocker Switch

1. Decide which handlebar the switch will be mounted on. The switch is usually installed on the left handlebar.
2. Use a piece of electrical tape around the handlebar to help prevent rotation of the mount on the handlebar. Do NOT tighten over any hoses or cables.
3. Once your switch is mounted you can route the wires back to where your contactor is located.
4. Splice the end of the RED wire to an ignition (keyed) controlled power source using the supplied wire tap. You may need to use a test light to locate a suitable wire. The wire should only have power when the key is in the ON position.
5. Make sure the handlebars have full range of motion and then secure the switch's cable with the supplied cable ties.

#### NOTICE

- Always purchase the correct size and grade of battery most suitable for the intended use.
- Clean the battery contacts and also those of the device prior to battery installation.
- Remove batteries from equipment which is not to be used for an extended period of time.
- Remove batteries if consumed or if product is to be left unused for a long time.

### 3) Adding/Replacing the remote batteries

1. Remove two screws with a Phillips screwdriver (not included) by turning counter clockwise.
2. Disassemble the two halves of the remote apart slightly by hand.
3. Remove the key ring.
4. First use: insert (2) A23 batteries included.  
Replacement: carefully remove the older batteries and insert the new (2) A23 batteries.
5. Reverse the above instructions to reassemble the remote.

### 4) Wiring the Winch

#### CAUTION

Never route electrical cables across any sharp edges, through or near moving parts, or near parts that become hot.

1. Connect the yellow and blue cables to the motor terminals on the winch. Torque the terminal nuts on the motor to 5.7 N-m (50 lb-in). Route the other ends to the contactor location.
2. Connect the yellow and blue cables to the contactor (yellow to yellow and blue to blue). Do NOT tighten nuts.
3. Connect the red and black cables to your contactor (red to red and black to black). Do NOT tighten nuts. Route the other ends to your battery location.

#### CAUTION

Battery cables should not be drawn taut. Leave some slack for cable movement.

4. Connect the rocker switch to the contactor (black to black and green to green).
5. Once all wiring is connected to the contactor you can then mount it using the supplied M6 hardware.
6. Torque the contactor terminal nuts to 4.5 N-m (40 lb-in). Do NOT over tighten.
7. Place all terminal boots over terminals and secure all cables with cable ties or electrical tape (not included).

8. Connect the battery leads from the contactor to the ATV's Battery (red to red and black to black).

### NOTICE

Depending on the location of the contactor, you may need to use the black and red cables in place of the yellow and blue, and the yellow and blue in place of the red and black. Just remember that this also changes the diagram.

## 5) Install the Antenna

1. Determine the mounting location.
2. If mounting on a flat surface, mark and drill a minimum of two (2) mounting holes, one on each side of the antenna. Loosely attach the antenna using the supplied bolts and lock nuts. Do NOT tighten fasteners at this time.
3. If mounting on a frame tube, loosely attach using the supplied cable ties.
4. Locate the black and green wires running from the contactor to the rocker switch. Find the bullet connectors on these wires located near the contactor.
5. Plan a route for the wire harness between the antenna and these bullet connectors.
6. Pull apart the bullet connectors on the BLACK and GREEN wires identified in step 4 above. These will be located near the contactor
7. Connect the rocker switch and contactor to the antenna (black to black and green to green).
8. Connect the black ground wire with the ring to the black (-) terminal on the solenoid/contactor.

## 6) Test Winch Operation

1. Make sure there are no exposed terminals or wiring, and wiring to all components is correct, all loose wires are secured.
2. Turn ATV ignition switch to the ON position.
3. Check the winch for proper operation using the rocker switch. The wire rope should spool in and out in the direction indicated on the switch.

4. To use test wireless system, activate the system by pressing and holding the POWER button on the wireless remote for 3 seconds. This transfers control of the winch to the wireless control system. A red indicator light on the wireless remote turns on when the system is active and ready to use.

### NOTICE

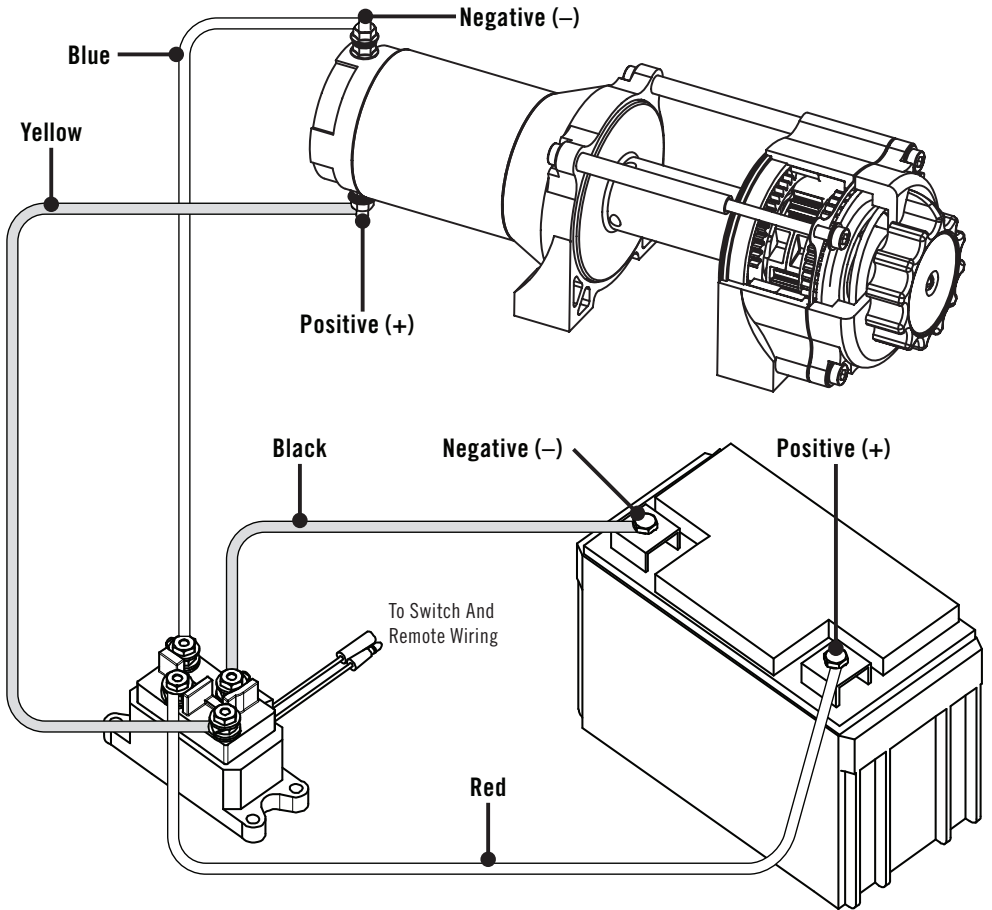
#### LED Indicator Light

- Steady Red: System active and ready to use.
  - Flashing Red: Winch powering in or out.
5. Verify that the winch spools the rope in and out properly by pressing the buttons on the wireless remote. The wire rope should spool in and out in the direction indicated on the remote.
  6. Deactivate the system by pressing the POWER button on the wireless remote and holding for 3 seconds, until red light turns off or after 2 mins of idle time, the wireless system de-activates.

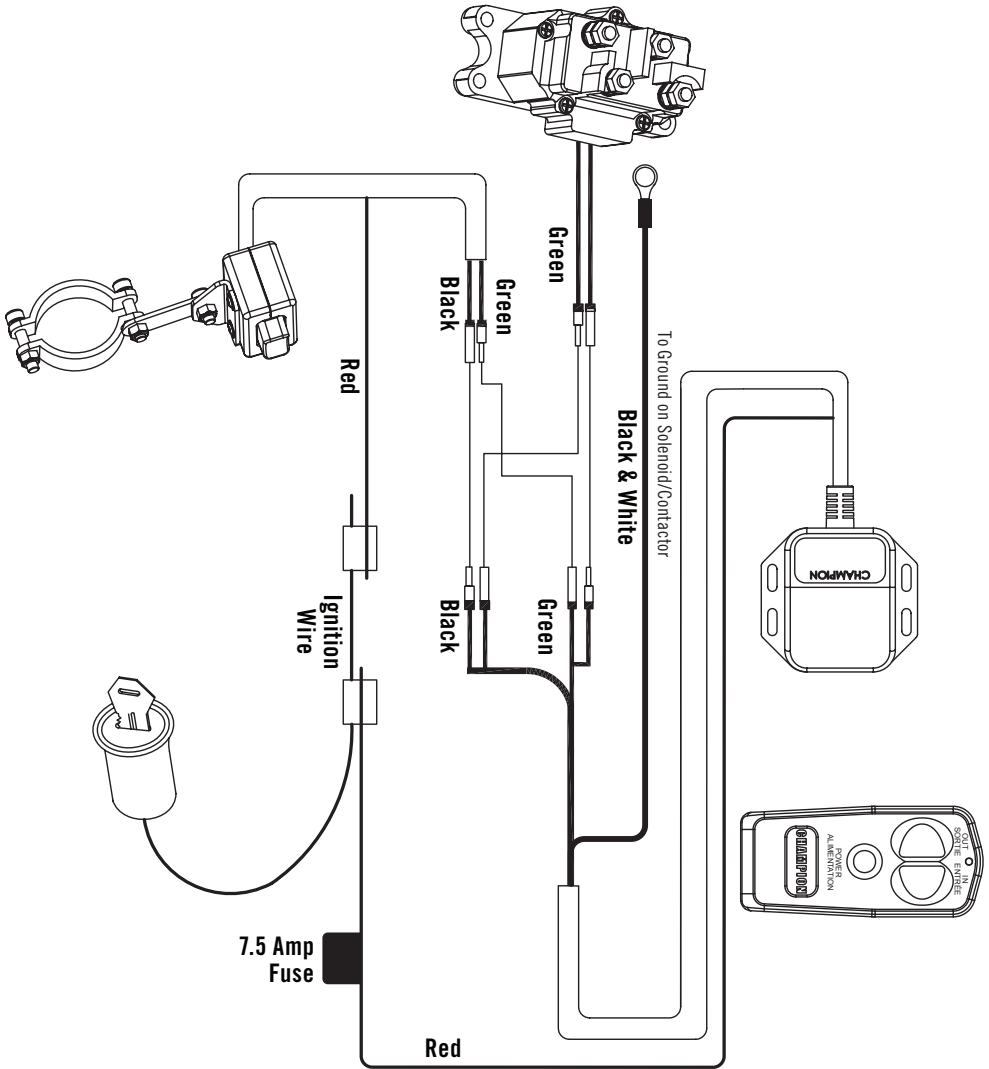
### WARNING

This kit is designed for use on front mounted self-recovery winches only. The remote is not designed for and should not be used on winches or hoists in industrial applications (car haulers/carriers, wrecker, cranes, etc.) or for any other remote controlled applications.

# Solenoid/Contactor Wiring Diagram



# Antenna Wiring Diagram





# WARRANTY\*

CHAMPION POWER EQUIPMENT  
1 YEAR LIMITED WARRANTY

## Warranty Qualifications

To register your product for warranty and FREE lifetime call center technical support please visit:

<https://www.championpowerequipment.com/register>

To complete registration you will need to include a copy of the purchase receipt as proof of original purchase. Proof of purchase is required for warranty service. Please register within ten (10) days from date of purchase.

## Repair/Replacement Warranty

CPE warrants to the original purchaser that the mechanical and electrical 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 CPE's Technical Service and CPE will troubleshoot any issue via phone or e-mail. If the problem is not corrected by this method, CPE will, at its option, authorize evaluation, repair or replacement of the defective part or component at a CPE Service Center. CPE 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 CPE.

## Other Exclusions

This warranty excludes:

- Cosmetic defects such as paint, decals, etc.
- Wear items such as filter elements, o-rings, etc.
- Accessory parts such as starting batteries, and storage covers.
- Failures due to acts of God and other force majeure events beyond the manufacturer's control.
- Problems caused by parts that are not original Champion Power Equipment parts.

## Limits of Implied Warranty and Consequential Damage

Champion Power Equipment 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

Champion Power Equipment, Inc.  
6370 S Pioneer Way, Unit 101  
Las Vegas, NV 89113 USA  
[www.championpowerequipment.com](http://www.championpowerequipment.com)

### Customer Service

Toll Free: 1-877-338-0999  
[info@championpowerequipment.com](mailto:info@championpowerequipment.com)  
Fax no.: 1-562-236-9429

### Technical Service

Toll Free: 1-877-338-0999  
[tech@championpowerequipment.com](mailto:tech@championpowerequipment.com)  
24/7 Tech Support: 1-562-204-1188