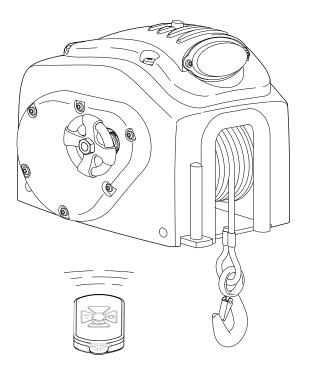


RC23 & RC30 Trailer Winches

These instructions apply to all models listed. Details and procedures unique to a specific model are labeled appropriately.



pwRC003

- 12 Volt Powered Winch
- Wireless Remote Operation
- Remote Power-In / Freewheel-out operation
- Spot Light Mounted in Housing
- Refer to the Specifications Page for Load Capacity



Thoroughly read the manual furnished with this product and be familiar with the controls. Do not allow individuals to operate the winch without understanding the safe operation and procedures for the equipment.

PROPRIETARY STATEMENT

The *Powerwinch* RC23 and RC30 Trailer Winches are products of Scott Fetzer Electrical Group or SFEG, located in Fairview, Tennessee, USA. The information contained in or disclosed in this document is considered proprietary to SFEG. Every effort has been made to ensure that the information presented in the document is accurate and complete. However, SFEG assumes no liability for errors or for any damages that result from the use of this document.

The information contained in this manual pertains to the current configuration of the models listed on the title page. Earlier model configurations may differ from the information given. SFEG reserves the right to cancel, change, alter or add any parts and assemblies, described in this manual, without prior notice.

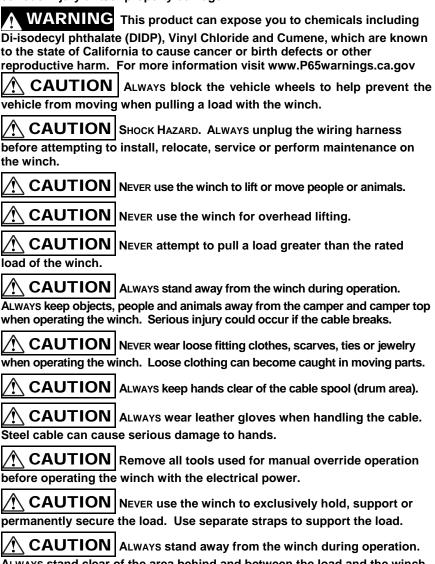
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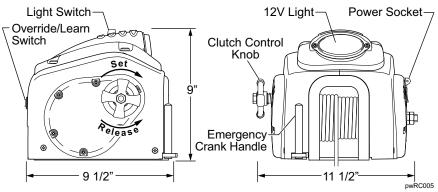
SAFETY INFORMATION

The following Safety Precautions Must be Followed at ALL Times. Failure to follow the warnings and cautions in this manual could result in serious injury and/or property damage.



ALWAYS stand clear of the area behind and between the load and the winch. Serious injury could occur if the cable breaks.

SPECIFICATIONS



Various load conditions affect winch performance. The line pull required for a specific application depends on the weight of the load, condition of the trailer rollers, and the degree of the loading ramp incline. The chart below is based on a single line pull and is provided as a guideline in calculating pulling capabilities.

WARNING The cable fasteners on this or any winch are not designed to hold rated loads independently. Always leave a minimum of five wraps of cable on the drum to achieve the rated load values.

Chart 1. Approximate Rolling Load Capacities (values are in pounds)								
% Incline	Level	5%	10%	20%	30%	50%	70%	100%
° Incline	0°	3°	6°	11°	17°	26°	35°	45°
RC23	24000	13340	10040	6800	5220	3720	3060	2580
RC30	40000	23345	17570	11900	9135	6510	5355	4515

A 10% incline (6°) is 1 foot rise in 10 feet.

To convert from pounds (lbs) to kilograms (kgs) divide by 2.2.

Capacity can be increased by using a pulley block.

Chart 2. Winch & Boat Capacities (values are in pounds)

Model	Vertical Lift Capacity	Double Line Pull	Approximate Boat Weight*	Approximate Boat Size*
<u>RC23</u>	2,400	4300	7500	17-23 Feet
<u>RC30</u>	4000	7500	11500	23-30 Feet

Boat size and weight is approximate and varies depending on boat type. When calculating boat weight, use the fully loaded weight that includes boat, motor, fuel, water, gear etc.

Chart 3. Approximate Rolling Load Capacities (values are in pounds)

Model	Line Speed @ Capacity (FPM)	Gear Ratio	Voltage	Circuit Breaker	Unit Weight
<u>RC23</u>	14	225:1	12 vdc	60 amps	34 lbs
<u>RC30</u>	8	450:1	12 vdc	60 amps	36 lbs

Noise Level during Operation: less than 98db (A).

INSTALLATION

MOUNTING THE UNIT

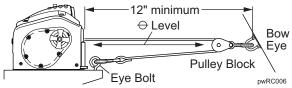
The following instructions are for standard mounting of the winch. A quick mount kit is available (p/n P7700000AJ). If installing with the quick mount kit, follow the directions with the kit. Steps 3, 4 and 6 apply when using the kit.

The winch can be mounted on the trailer in the same position and location as an existing hand winch.

- 1. Remove the existing hand winch.
- 2. Position the unit on the trailer mount stand.
- 3. Confirm that the winch's cable hook and the bow eye on the boat are at the same height when the boat is in the fully loaded position on the trailer. If the bow eye is too high, extra pull is required of the winch and extra stress is exerted on the boat's stern and bow eye. If necessary to create equal height, raise or lower the winch stand. In most

cases, trailer manufacturers have adapters available for use with a winch.

- 4. Confirm that there is a minimum of 12 inches clearance between the winch and the bow eye when the boat is in the fully loaded position. If necessary, extend the bow stop to obtain the clearance.
- 5. Bolt the unit using a minimum of two (2) 3/8" grade 5 machine bolts and lock nuts. If the existing mounting holes do not line up with the winch, use the bottom of the winch as a template and drill two (2) 7/16" holes in the mounting surface of the trailer stand.
- 6. If using a double line pull (using a pulley block), install a 3/8" eyebolt on the stand as close as possible to the base of the winch. Eyebolt is supplied by the installer.

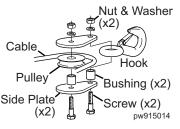


ASSEMBLING THE PULLEY BLOCK

- 1. Place the two screws through one of the tear drop plates and hold in place.
- 2. Slide a bushing over each screw.
- Slide the pulley wheel and hook over the bushings as shown. The components fit loosely on the bushings.
- 4. Wrap the cable around the pulley.
- 5. Place the second tear drop plate over the screws and secure using the washers and nuts provided.

Double Lining the Winch

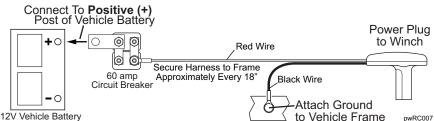
- 1. With the cable threaded through the block, hook the pulley block to the bow eye.
- 2. Power out the cable and attach the cable hook to the eyebolt next to the winch.
- 3. Power in the cable.



WIRING THE UNIT

The following instructions are for permanently wiring the winch. Two additional wiring kits are available and sold separately: A universal bumper wiring kit (p/n P7702101AJ) and a quick connect wiring harness (p/n P7866000AJ) for temporary connections. If installing one of the kits, follow the directions with the kit.

- 1. Attach the circuit breaker to the battery's POSITIVE (+) post or positive (+) terminal of the starter solenoid.
- Attach the ground wire (black) to the vehicle frame. Clean the metal frame with a wire brush or equivalent then attach the ground lug using a 5/16" bolt and lock nut (bolt and nut not furnished).
- 3. Route the wire under the vehicle and along the frame. Avoid sharp edges and moving parts. Secure the wire to the frame approximately every 18" using nylon ties or equivalent.



NOTE: If the winch does not operate, follow the troubleshooting guide on page 9 and check the in-line fuse (page 10) before returning the winch.

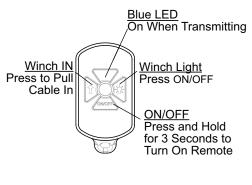
THE REMOTE TRANSMITTER

The RC23 and RC30 winches are equipped with to operate with a RF (Radio Frequency) transmitter and receiver. The transmitter and receiver are factory programmed to communicate with each other.

Testing the Remote

- 1. Connect the 12V power cord to the winch.
- Press and hold the remote's ON/OFF button for 3 seconds. The blue LED will illuminate and the winch light will flash.
- Loosen the clutch knob (turn counter clockwise) to prevent the winch from pulling the cable in.
- 4. Press and hold the û button and verify that the motor is running. Release the button.

If the motor runs, the winch is ready for use.



pwRC008

5. Tighten the clutch knob, the winch can now pull the boat onto the trailer.

CAUTION When not in use, press the on/off button to turn off the remote. This will prevent the winch from accidentally operating when not in use.

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Powerwinch

Programming a Replacement Remote

- 1. Connect the 12V power cable to the winch.
- 2. Release the clutch knob and pull the cable out about 4 feet.
- 3. Hold down the up position of the toggle on the back of the winch for 5 seconds.

pwRC009

Press to Learn

Manual Override

- 4. When the LED on the winch lights up, release the toggle.
- 5. Press the $\uparrow\,$ button on the key fob until LED flashes one time. Then release.
- 6. Wait for the light on the winch to flash 4 times, and turn off.
- Hold the on/off button on the key fob for 3 seconds until the LED on the winch flashes once.

Remote Operational Notes

- The transmitter (remote) is an electronic device and should be kept dry at all times.
- The remote operates best within a 10'-15' range from the winch (receiver). Maximum operating distance is 30'- 40'. Actual distance may vary depending on the environment the remote is used in.
- For best operation, hold the remote level with or above the winch.
- The transmitter and receiver have been tested and complies with the limits for a Class B digital device pursuant to Part 15 of the FCC Rules.
 This equipment generates, uses and can radiate radio frequency energy. There is no guarantee that interference will not occur in any particular installation. This interference may affect radio and television reception.
- To prevent accidental operation of the winch and to preserve battery life, the remote must be turned off after every use.

Replacing the Remote Battery

The remote uses a 12V size A23 battery. Batteries are available through your local battery outlets. For best performance, the battery should be changed every 3 months or twice during the boating season. Actual battery life is dependent on frequency of use, environmental conditions and the condition of the remote.

- 1. Remove the small screw from the back of the remote.
- 2. Carefully separate the two halves of the remote.

NOTE: When removing the old battery, make note of the polarity of the battery. When inserting the new battery, place the negative end against the coil spring terminal.

- 3. Remove the old battery and insert the new battery.
- 4. Reattach the covers and screw removed previously.

OPERATING THE WINCH

WARNING To avoid personal injury and property damage, clear the area around and behind the boat of people, animals and obstructions before loading or unloading the boat.

WARNING Never stand between the load or anchor point and the winch. Serious personal injury could occur if the cable breaks.

WARNING NEVER use the winch alone to secure the boat to the trailer during transit. Use separate straps or equivalent to secure the boat to the trailer.

CAUTION ALWAYS wear leather gloves when handling the cable. Steel cable can cause serious damage to hands.

NOTICE After using the winch, always disconnect the power cord from the socket to avoid moisture collection in the socket and prevent the possibility of short circuiting.

NOTICE To prevent damage to the motor, do not operate the winch continuously for periods over 20 minutes. Allow the motor to "rest" for a minimum of 1 hour.

UNLOADING THE BOAT

- 1. Attach the winch cable hook to the bow eye on the boat.
- 2. Connect the power to the winch. The power cord plug goes into the socket on the right side of the winch.
- 3. Remove the tie down straps from the boat.
- 4. Slowly turn the clutch knob (counterclockwise) to release the winch brake.
- 5. Allow the boat to slide off the trailer. If necessary, the clutch knob can be tightened to slow the speed of the boat.
- 6. When the boat is in the water, release the cable hook.
- 7. Tighten the clutch control knob clockwise until finger tight to set the brake.
- 8. While maintaining tension in the cable, press the ${\bf \hat{1}}$ button on the remote. Roll the cable up completely.

NOTICE Do not allow the cable hook to roll into the winch. Damage to the level wind plate can occur.

9. Secure the cable hook to prevent any accidental injury or damage.

LOADING THE BOAT

- 1. Align the boat and trailer.
- Loosen the clutch knob (turn counterclockwise) and free-wheel the cable to the boat. Attach the hook to the eye on the bolt.
 NOTE: If the winch cable is initially difficult to pull out, try engaging the motor for a few seconds with the clutch fully released. This should free the clutch allowing the cable to pull out.
- Tighten the clutch control knob clockwise until finger tight to set the brake. DO NOT over tighten the clutch knob; over tightening can cause damage to the clutch.
- 4. Step clear of the cable, winch and boat.
- 5. Turn on the remote by pressing the ON/OFF button until the blue LED illuminates and the winch light flashes.
- 6. Press and hold the $\hat{\mathbf{1}}$ button. Power in the cable until the boat touches the bow stop. Release the button.
- 7. When fully loaded, secure the boat to the trailer.

MANUAL OVERRIDE SWITCH

If the remote is lost or damaged before retrieving the boat, a manual override switch is provided on the back of the winch.

- 1. Connect the power to the winch. The power cord plug goes into the socket on the right side of the winch.
- 2. Align the boat and trailer.
- 3. Loosen the clutch knob (turn counterclockwise) and free-wheel the cable to the boat. Attach the hook to the eye on the boat.
- Tighten the clutch control knob clockwise until finger tight to set the brake. Do NOT over tighten the clutch knob; over tightening can cause damage to the clutch.



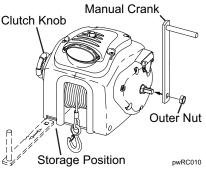
- 5. Press down and hold the manual override switch Power in the cable until the boat touches the bow stop. Release the switch.
- 6. When fully loaded, secure the boat to the trailer.

EMERGENCY HAND CRANK

An emergency hand crank is stored in the LH cover. The crank is used when there is no power (i.e. a dead battery).

WARNING Never use the hand crank to assist a running motor. Serious personal injury can occur.

- 1. Disconnect the power cord from the winch.
- 2. Remove the outer nut from the shaft on the side opposite the clutch knob.
- Remove the emergency crank handle from the storage position and place on the shaft.
- Secure the handle to the shaft with the nut removed previously. Tighten the nut snugly against the handle.



- 5. Tighten the clutch control knob clockwise until finger tight to set the brake. Do NOT over tighten the clutch knob; over tightening can cause damage to the clutch.
- 6. Turn the crank handle to wind in the cable. (clockwise for RC30, counterclockwise for RC23)
- 7. After the boat has been secured on the trailer, remove the handle from the shaft. Replace the nut on the shaft and tighten firmly against the inner nut.
- 8. Place the handle in the storage position. Make sure the handle is firmly seated in the storage position before traveling.

CAUTION Remove all tools used for manual override operation before operating the winch with the electrical power.

OPERATING THE LIGHT

NOTICE To avoid damage to the light, do not operate the light for longer than 20 minutes at a time.

The RC23 and RC30 winches are equipped with a 12V light mounted on the top of the unit. The light can be used when the winch is running or when it is idle. Two methods of operating the light are available.

Connect the power cord to the winch.

<u>From the winch:</u> A switch is located on the top of the unit. To turn the light on or off press and release the light switch.

<u>With the remote:</u> To turn the light on or off press and release the light button.

NOTE: The light will automatically turn off after 20 minutes

Replacing the Light Bulb Units

For units built prior to July 2012, the light uses a filament type bulb. For units built after July 2012, the light is an LED assembly. The LED lights have an approximate life span of 50,000 hours.

- 1. Remove the two (2) screws that hold the lens onto the cover.
- Remove the gasket and inspect for tears or damage, replace if necessary.
- 3. Rotate the old bulb 1/4 turn and pull out of the clips.
- 4. Insert the new bulb and lock with a 1/4 turn in the clips.
- 5. Reattach the gasket and lens.

The 12V bulb (p/n 55908) is a 212-2 automotive bulb available at local automotive parts stores.

A lens replacement kit (p/n R001312) includes lens, gasket and bulb.

Older units can be updated with the LED light assembly (p/n R001728).

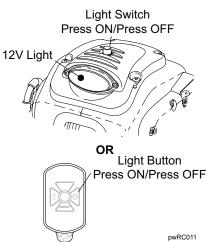
MAINTENANCE

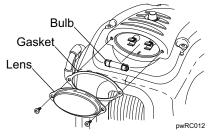
WARNING Always disconnect the power harness from the winch before attempting to install, service or perform any maintenance on the unit.

LUBRICATION

The following steps should be performed a minimum of once a year.

<u>Cable:</u> Lubricate the cable with Whitmore's Wire Rope Spray, WD40 or equivalent. Spray the shaft and the cable as the cable is being wound.





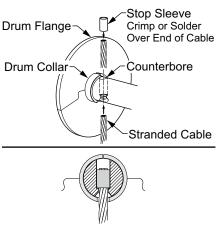
<u>Gears:</u> Remove the covers and lubricate the gears with a lithium base grease. Be careful not to get grease on the clutch lining.

REPLACING THE CABLE

CAUTION Always use the exact Powerwinch replacement cable (p/n P7188800AJ). Winch rating and cable strength are matched for safe and optimum performance. NEVER replace the cable with rope.

CAUTION ALWAYS wear leather gloves when handling the cable. Steel cable can cause serious damage to hands.

- 1. Unplug the wire harness from the winch.
- 2. Loosen the clutch knob (turn counterclockwise) and pull the cable out completely.
- Cut the old cable off approximately 2" from the cable drum.
- 4. Slide the collar away from the cable then push the old cable out of the drum shaft.
- Insert the new cable through the shaft. The cable must be inserted through the side <u>opposite</u> the counter bore.
- Insert the stop sleeve over the end of the cable until the cable is flush with the end of the stop. Solder or crimp the stop onto the cable.



Completed Installation pwRC013

- 7. Pull the cable back through the shaft until the stop is seated in the counter bore of hole.
- 8. Slide the collar around the cable. The notch on the collar fits around the cable.
- Tighten the clutch control knob clockwise until finger tight to set the brake. DO NOT over tighten the clutch knob; over tightening can cause damage to the clutch.
- 10. Reconnect the harness to the unit. Power-in the cable, keeping tension on the cable as it is winding.

NOTICE If the cable is not wound correctly, it may cause loss of power and risk damage to the level wind plate. If the cable is not correct (too loose or wound on one side), unwind the cable then rewind while keeping tension on the cable.

TROUBLESHOOTING GUIDE

W /···			
	NCH DOES NOT OPERATE		
А.	Confirm power to winch		
	1. Check vehicle battery is fully charged		
	2. Confirm connections are for tight & clean.		Correct as required.
	3. Check wires are worn or bare that may		
_	cause shorts		
в.	Check circuit breaker at battery	V=a	lfin als
	Bypass circuit breaker and test winch.	Yes	If winch runs, circuit
	Does the winch run?	No	breaker is bad, replace. Reconnect circuit breaker
	NOTICE Do not operate the winch	INU	and go to step C.
	without the circuit breaker. Removing the CB from the circuit is ONLY for testing.		
C.	Check In-Line Fuse		
	A 5 amp in-line fuse is located under the top	YES	Fuse is good. Contact your
	cover of the winch. Refer to page 10.		authorized service center.
	·	No	Replace Fuse and test.
	NOTE: If fuse blows immediately when po	wer is	applied, disconnect
	power cord from winch and battery. Check	the p	olarity of the wiring in the
	connector (refer to page 10). Correct as rec	quired.	
Lo	AD SLIPS		
Α.	Load slips during retrieval		t washers and thrust bearings orn or deformed. Replace
Β.	Load slips back after boat is retrieved		h bearing inside the 120
	•		has failed. Replace gear assy
C.	Check clutch lining		
	The clutch lining is located on the 120		
	tooth gear under the LH (clutch side) of		
	the case. Ensure that the clutch is clean	tooth	gear assy.
	free of grease.		
KE	Y FOB REMOTE DOES NOT OPERATE WINCH		
	For optimum performance, the remote shou from winch. Refer to page 2 for additional ir		
Α.	Check the remote battery		
	The battery must provide a minimum of 9V	YES	Battery is good, go to step B.
	to correctly transmit to the receiver.	No	Replace battery.
Β.	Reprogram the remote/receiver		
	Follow the directions on page 3.	YES	Remote works
	1.0	No	Transmitter or receiver is
			defective. Contact your
			authorized service center.
Lig	HT WILL NOT TURN ON (Winch does operate)		
	Check the bulb		
	Refer to page 7 for access and	YES	Bulb is good, go to step B.
	replacement information	No	Replace bulb
B.	Light does not turn on with switch but		Switch is bad, replace
[_] .	works with remote		
C.	Light does not turn on with remote but		Check the remote. Refer
0.	works with switch		to page 2
L			

Replacing the In-Line Fuse

NOTICE Always use the correct rated fuse. Using the wrong fuse can cause the winch to not operate and/or cause damage to the electrical components.

An in-line fuse is located under the top cover of the unit. The in-line fuse is a standard automotive AGC glass type fuse. Required rating is 5A, 250V. Fuses are available at local automotive parts stores.

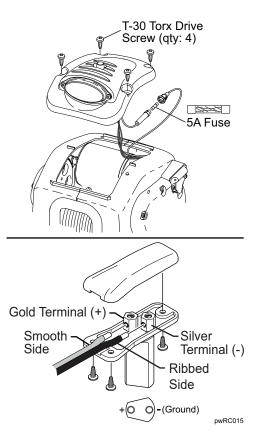
To access the fuse:

- 1. Disconnect the power cord from the winch.
- 2. Remove the four (4) T-30 torx drive screws that attach the top.
- 3. Lift the top up. Use care to not break or damage the wires.
- Locate the fuse holder and open to inspect/replace the fuse.
- 5. Test operation of the winch.

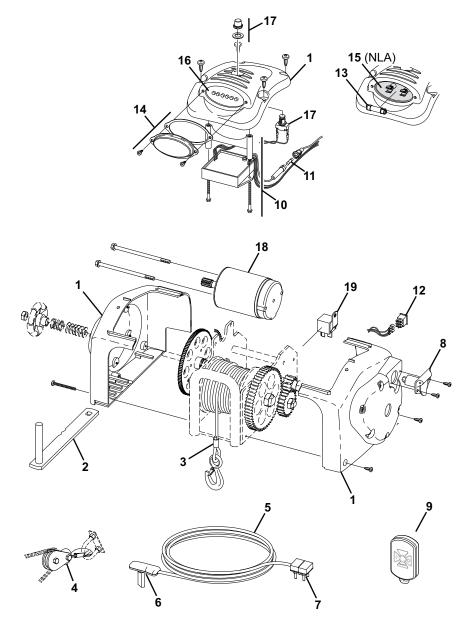
If the fuse blows when power is applied, check the polarity of the wires in the power cord connector.

- 1. Disconnect the power cord from the winch AND battery.
- 2. Test the continuity of the cable:
 - Using a continuity tester, place one probe in the negative terminal of the connector. Touch the second probe against the vehicle frame.
- 3. If there is no continuity, remove the cover from the plug.
- The smooth wire goes to the gold terminal (+). The ribbed wire goes to the silver terminal (-).

If the connector is wired correctly (step 4), but there is no continuity (step 3), the harness is defective and must be replaced.



ILLUSTRATED PARTS LIST Cover and Electronics



pwRC501a

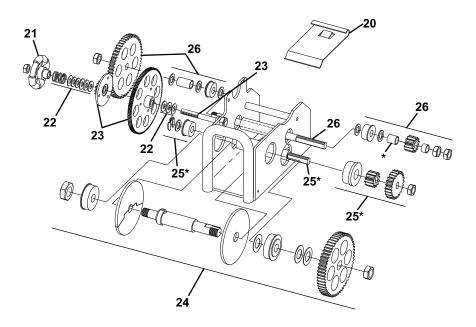
RC 23	& RC30 TRAILER		Powerwinch	
Item	RC23	RC30	Description	Notes
1	R001333	R001311	Cover Kit	
2	P5594700AJ	P5594700AJ	Hand Crank Handle	
3	P7188800AJ	P7188800AJ	Replacement Cable	
4	P7904300AJ	P7904300AJ	Pulley Block Kit	
5	P7830201AJ	P7830201AJ	Wire Harness w/ items 6 & 7	
6	P7810500AJ	P7810500AJ	Plug, Wire Harness	
7	P7837300AJ	P7837300AJ	Circuit Breaker, 60amp	
8	P7810300AJ	P7810300AJ	Power Socket	
9	R001501	R001501	Key FOB Remote	
10	R001499	R001500	Receiver Module	4
11	- Note 1 -		Fuse, In-Line, 5A, 250V	1
12	- Note 4 -		Switch, Learn/Override	4
13	P55908	P55908	Bulb	
14	R001312	R001312	Lens Replacement Kit	
15	- Note 2 -		Light Replacement Kit	2
16	R001728	R001728	LED Light Kit	2
17	R001320	R001320	Switch, Light	3
18	R001287	R001295	Motor Assy	
19	R001317	r001317	Solenoid	

Notes 1. The in-line fuse is a standard automotive AGC glass type fuse. Required rating is 5A, 250V. Fuses are available at local automotive parts stores.

2. Light Replacement Kit (item 15) with reflector, clips, bulb and lens kit is no longer available. Order LED Light kit (item 16)

 All items marked "17" are included in light switch kit.
The learn/override switch (item 12) is part of the receiver module (item 10)

ILLUSTRATED PARTS LIST Gear Assemblies



pwRC502

* Items marked with astericks (*) are not used on RC23

RC 23 & RC30 TRAILER WINCHES

Powerwinch

Item	RC23	RC30	Description	Notes
20	R001275	R001275	Level Wind Plate	
21	R001314	R001314	Clutch Knob	
22	P7160901	P7160901	Clutch Spring & Washer Kit	5
23	P91011	P91012	120T Stud and Gear Kit	6
24	P91007	P91007	Drum Shaft and Gear Kit	7
25	not used	P91008	Intermediate Shaft and Gear Kit	8
26	P91010	P91009	Rear Shaft and Gear Kit	9
Notes 5. All items marked "22" are included in item 22 kit (clutch spring kit).				

All items marked "23" are included in item 23 kit (120T stud and gear kit).
All items marked "24" are included in item 24 kit (drum shaft and gear kit).

8. All items marked "25" are included in item 25 kit (intermediate shaft and gear kit).

9. All items marked "26" are included in item 26 kit (rear shaft and gear kit).

WARRANTY

SFEG warrants to the FIRST retail Purchaser that the Powerwinch Product described in this manual is free of defects in material and workmanship within the terms and conditions as set forth below. SFEG's obligation under this warranty is limited to the repair or replacement with new or refurbished unit, at SFEG's option, of any defective component within the stated warranty period. THIS WARRANTY IS NOT TRANSFERABLE.

1. DURATION

- a) 1 years on parts.
- b) SFEG will pay the transportation charges for return shipment to the purchaser of any product received for legitimate warranty repair.

Warranty duration is not extended by the length of time the product is not in use or the time that the purchaser is deprived the use of the product. The duration of coverage is determined by the date of the original product purchase, not the date of repairs.

2. WHAT IS COVERED UNDER THIS WARRANTY

Defects in the manufacturer's material and workmanship of product under normal use, and which occur within the duration of the warranty period.

3. WHAT IS NOT COVERED UNDER THIS WARRANTY

- a) Improper installation and/or any consequent damage or failure that results from improper installation of the product.
- b) Normal wear.
- c) Conditions that are not related to the material or workmanship of the product: including any failure that results from an accident, wind, rain, or other acts of God.
- d) Purchaser's abuse, including but not limited to neglect; failure to operate, use or maintain the product in accordance with the instructions provided with the product.
- e) Any component not sold or manufactured by SFEG.
- Any failure that results from the use of another manufacturer's product with a SFEG product that is not specifically approved by SFEG.
- g) Any incidental, indirect, or consequential loss, damage or expense that may result from any defect, failure or malfunction of the product.
- The removal or alteration of any product component or device. In the event of such removal or alteration, this warranty is void.
- i) Any expense related to delivery or pick-up of product to/from the service dealer.

4. RESPONSIBILITIES OF THE PURCHASER

IN ORDER FOR THE WARRANTY TO BE HONORED, THE PURCHASER MUST HAVE PROOF OF PURCHASE. FAILURE TO PROVIDE THE REQUIRED DOCUMENTATION MAY DELAY OR VOID ANY WARRANTY CLAIM.

- a) Retain dated proof of purchase for the product, and provide it as requested.
- b) Perform "Periodic Maintenance" as specified in Owners Manual.
- c) Use reasonable care in maintenance, operation, use and storage of the product in accordance with the instructions contained in the owner's manual.

THIS WARRANTY GIVES THE OWNER SPECIFIC LEGAL RIGHTS. THE LAWS OF CERTAIN JURISDICTIONS MAY GRANT THE OWNER ADDITIONAL RIGHTS AND PRIVILEGES. Except as set forth above; SFEG makes no warranty, whether statutory or otherwise, including without limitation, any warranty of merchantability or fitness for a particular purpose. SFEG shall have no liability except to repair, replace or adjust defective products and parts. SFEG specifically excludes any liability, whether in contract, tort or otherwise, for personal injury, property damage, economic or consequential losses. SFEG has not authorized any person or company to alter the terms of this warranty.

It is SFEG's policy and practice to continuously improve the company's products and services. Therefore, SFEG reserves the right to make changes in design and components, without notice, whenever it is believed the quality of the product will be improved, but without incurring any obligation to incorporate such improvements in any product which has been shipped or in service.

RC 23 & RC30 TRAILER WINCHES	Powerwinch
For Your Records: Dealer/Installer Name:	
Address:	
PHONE:	
PURCHASE DATE:	
PART NUMBER:	
SERIAL NUMBER:	

Retain your original proof of purchase. It is required for all warranty repairs and returns.

PRODUCT NAME OR DESCRIPTION: