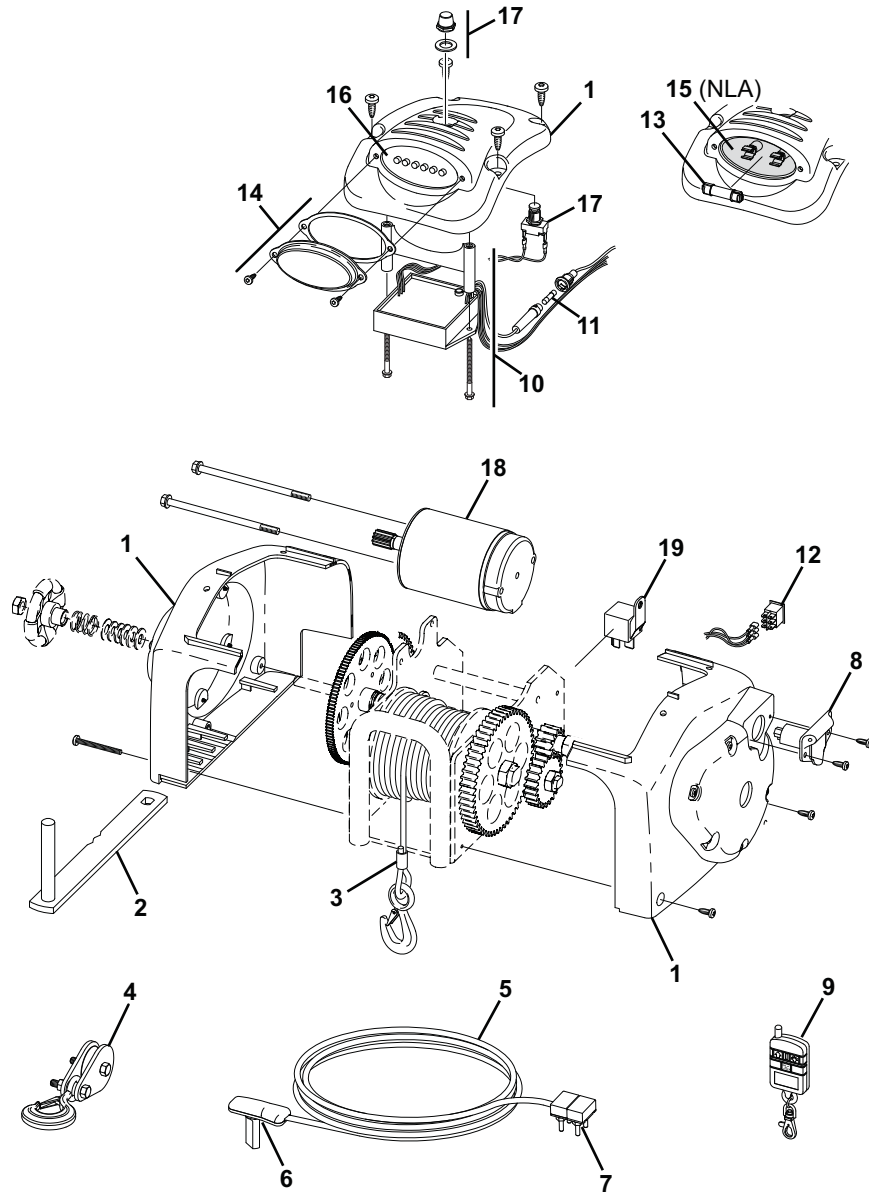


ILLUSTRATED PARTS LIST
Cover and Electronics



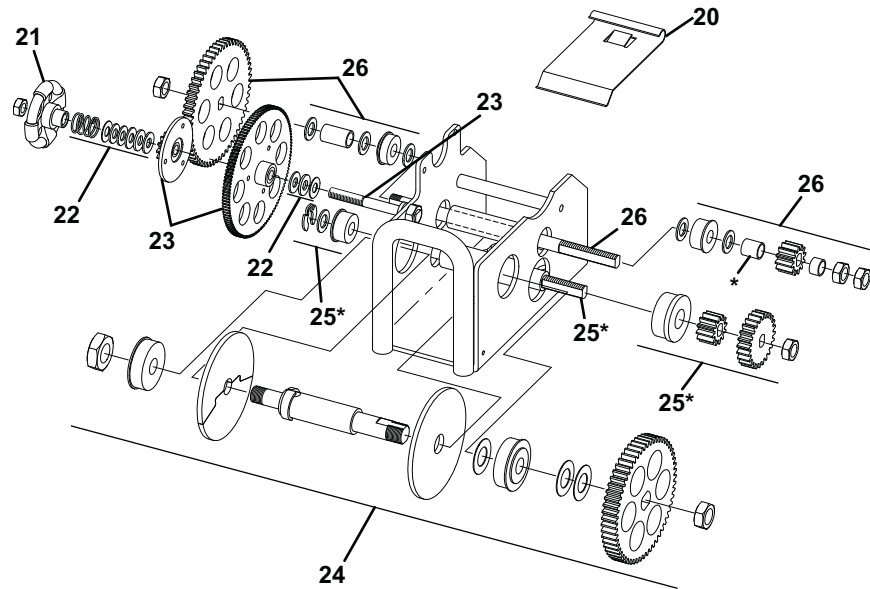
pwRC501a

POWERWINCH		RC 23 & RC30 TRAILER WINCHES		
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)
 3. All items marked "17" are included in light switch kit.
 4. The learn/override switch (item 12) is part of the receiver module (item 10)

ILLUSTRATED PARTS LIST

Gear Assemblies



pwRC502

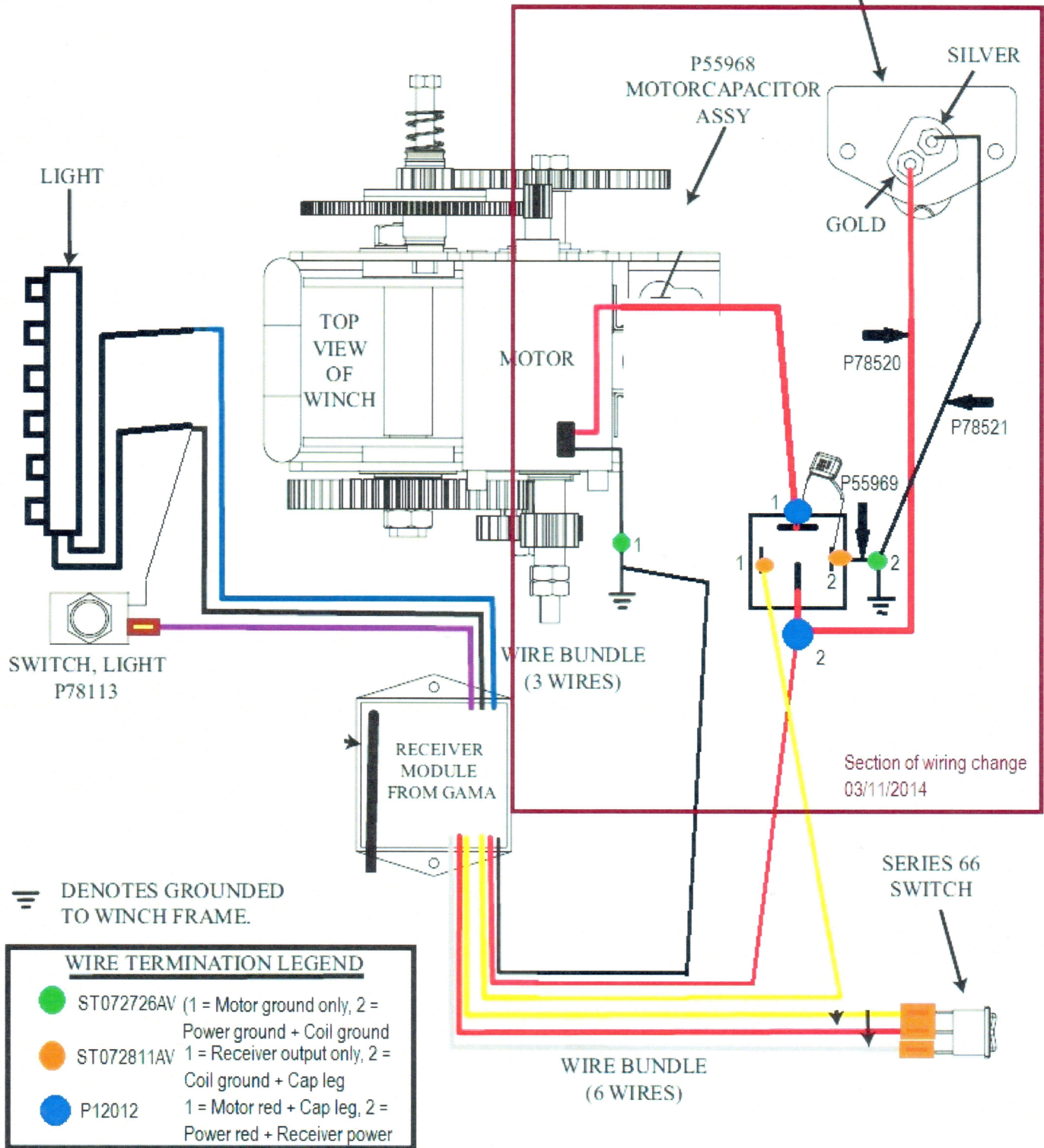
* Items marked with astericks (*) are not used on RC23

<i>POWERWINCH</i>		RC 23 & RC30 TRAILER WINCHES		
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 "21" are included in item 21 kit (clutch spring kit).
 6. All items marked "22" are included in item 22 kit (120T stud and gear kit).
 7. All items marked "23" are included in item 23 kit (drum shaft and gear kit).
 8. All items marked "24" are included in item 24 kit (intermediate shaft and gear kit).
 9. All items marked "25" are included in item 25 kit (rear shaft and gear kit).

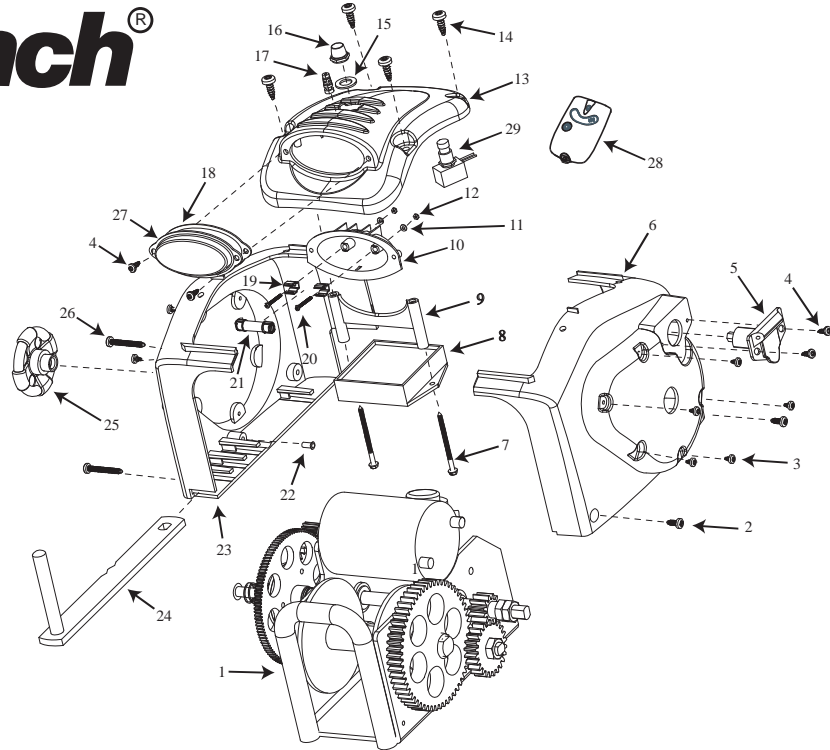
RC23/RC30 Wiring Schematic

POWER SOCKET
(WHERE POWER FROM THE BATTERY CONNECTS TO THE WINCH)



Powerwinch®

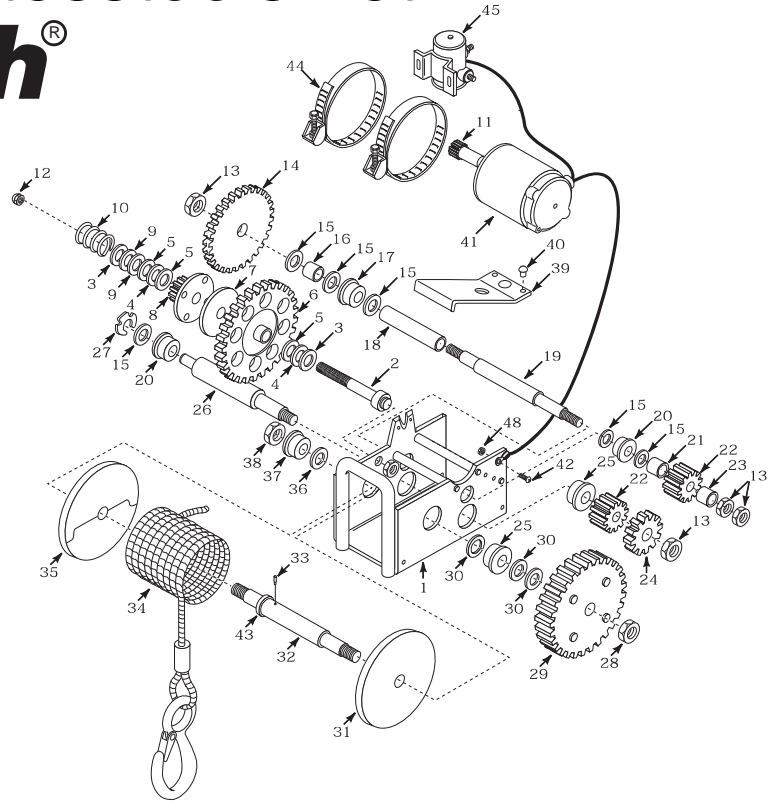
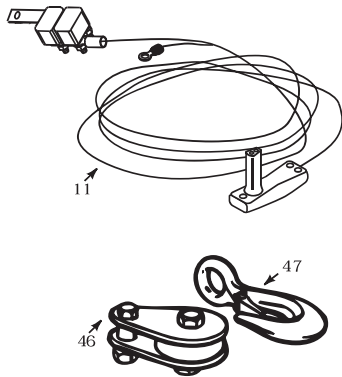
Model RC23 & RC30
Replacement Parts Guide
For Cover Assembly



ITEM #	RC23 PART #	RC30 PART #	DESCRIPTION	QTY
1	-	-	WINCH MECHANISM	1
2	P79566	P79566	COVER SCREW 10-32 X .5"	2
3	P55917	P55917	PLASTITE SCREW 8-16 X .25"	11
4	P55919	P55919	PLASTITE SCREW 8-16 X .50"	4
5	P78103	P78103	POWER SOCKET	1
6	P55904	P55904	COVER, POWER SOCKET SIDE	1
7	P55922	P55922	SCREW, SHEET METAL #8	2
8	P55901	P55901	RECEIVER MODULE	1
9	P55907	P55907	MOUNTING BRACKET	1
10	P55914	P55914	REFLECTOR	1
11	P55916	P55916	WASHER #3	2
12	P55915	P55915	HEX NUT #3-48	2
13	P55911	P55905	COVER, TOP	1
14	P55928	P55928	PLASTITE SCREW, 1/4-10 X .75"	4
15	P55932	P55932	GASKET KIT	1
16	P55929	P55929	SWITCH BOOT	1
17	P55938	P55938	GROMMET, ANTENNA	1
18	P55932	P55932	GASKET KIT	1
19	P55912	P55912	BATTERY CLIP	2
20	P55913	P55913	SCREW #3-48	2
21	P55908	P55908	LIGHT BULB	1
22	P55924	P55924	BALL DETENT	1
23	P55903	P55903	COVER, CLUTCH SIDE	1
24	P55947	P55947	EMERGENCY CRANK HANDLE	1
25	P55910	P55910	CLUTCH KNOB	1
26	P55923	P55923	SCREW, 10-32 X 1.5"	2
27	P55909	P55909	LENS	1
28	P55902	P55902	TRANSMITTER KEY FOB	1
29	P55930	P55930	SWITCH, LIGHT	1

Powerwinch®

Model RC23 & RC30
Replacement Parts Guide
For Winch Assembly



ITEM #	RC23 PART#	RC30 PART #	DESCRIPTION	RC23 QTY	RC30 QTY
1	P70102	P70102	Frame assembly	1	1
2	P71101	P71101	Stud, clutch	1	1
3	P71612	P71612	Thrust, race	2	2
4	P71609	P71609	Bearing	2	2
5	P71613	P71613	Washer, thrust	3	3
6	P71716	P71759	Gear powered assembly	1	1
7	P73602	P73602	Lining,clutch	1	1
8	P71755	P71755	Gear pinion assembly	1	1
9	P79800	P79800	Washer, spring	2	2
10	P71902	P71902	Clutch knob backlash spring	1	1
11	P78302	P78302	Wiring Harness with Breaker	1	1
12	P10122	P10122	Hex Nut	1	1
13	P79738	P79738	Nut, Tri-loc jam	5	5
14	P71703	P71703	Gear, drive 57 T	1	1
15	P71822	P71822	Washer	6	6
16	P71818	P71818	Spacer, rear shaft	1	1
17	P71607	P71607	Bearing	1	1
18	-	P71819	Spacer, rear shaft	-	1
19	P71202	P71201	Shaft, rear gear	1	1
20	P71608	P71608	Bearing	1	1
21	-	P71817	Spacer, rear shaft	-	1
22	P71704	P71704	Gear, pinion 12T	1	2
23	P71818	P71816	Spacer, rear shaft	1	1
24	-	P71796	Gear, idler 24T	-	1
25	-	P71606	Bearing	-	1
26	-	P71301	Shaft, intermediate	-	1
27	-	ST07022	Ring, retaining	-	1

<u>ITEM #</u>	<u>RC23 PART#</u>	<u>RC30 PART #</u>	<u>DESCRIPTION</u>	<u>RC23 QTY</u>	<u>RC30 QTY</u>
28	P79716	P79716	Nut, Tri-loc	1	1
29	P71795	P71795	Gear	1	1
30	P71821	P71821	Washer, spacer	3	3
31	P71960	P71960	Flange, drum	1	1
32	P71401	P71401	Shaft, drum	1	1
33	P71858	P71858	Fastener, cable	1	1
34	P7188800AJ	P7188800AJ	Cable assembly	1	1
35	P71954	P71954	Flange, drum split	1	1
36	P71820	P71820	Spacer	1	1
37	P71605	P71605	Bearing	1	1
38	P79715	P79715	Nut, hex jam 5/8"-16	1	1
39	P70212	P70205	Plate, levelwind	1	1
40	-	ST161702AV	Rivet	-	2
41	P72117	P72118	Motor assembly	1	1
42	P79543	P79543	Machine Screw #10-32 X 1.00"	1	1
43	P79088	P79088	Drum collar	1	1
44	ST161301AV	ST161301AV	Band, quick release motor	2	2
45	P78118	P78118	Solenoid	1	1
46	P79403	P79403	Pulley Block Assy	1	1
47	P79020	P79020	Hook	1	1
48	P79701	P79701	#10-32 Lock Nut	1	1