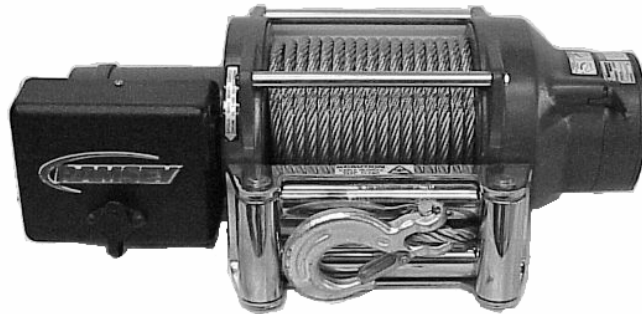




Ramsey Winch Company OWNERS MANUAL FRONT MOUNT ELECTRIC WINCH Model Patriot 15000



PATRIOT 15000					
LAYER OF CABLE		1	2	3	4
RATED LINE PULL	(LBS)	15,000	12,200	10,300	9,000
PER LAYER	(KGS)	6,800	5,530	4,670	4,080
CUMULATIVE CABLE	(FT)*	15	35	60	90
CAPACITY PER LAYER	(M)*	4.5	10.5	18	27

* DEPENDS ON 7/16" (11mm) DIA. CABLE BEING UNIFORMLY WOUND ONTO DRUM

LINE PULL FIRST LAYER	(LBS) (KGS)	NO LOAD	2,000	4,000	6,000	8,000	10,000	12,000	15,000
			900	1,810	2,720	3,620	4,530	5,440	6,800
LINE SPEED	FPM	24.9	15	10.8	8.7	7.2	6	5.4	3.9
FIRST LAYER (12 V)	MPM	7.6	4.6	3.3	2.7	2.2	1.8	1.6	1.2
LINE SPEED	FPM	23.7	16.2	11.6	9.9	8.2	7.1	6.1	4.4
FIRST LAYER (24V)	MPM	7.2	4.9	3.5	3	2.5	2.2	1.9	1.3
AMP DRAW	12V	95	160	210	260	310	360	405	460
	24V	40	70	100	120	145	170	195	250

Congratulations

You have purchased the finest winch available in its service class. It features a highly efficient 3 stage planetary gear set which transmits torque from a series wound D.C. motor. A safe positive clutch allows free spooling for quick cable deployment. An automatic load holding brake is designed to hold the full rated capacity of the winch. It was designed and manufactured to provide you with the utmost in utility. As with any device that combines power and movement in its use, there are dangers if improperly used. At the same time, there are easier and faster ways for getting the job done if certain precautions are taken first. Please read this manual carefully. It contains useful ideas in obtaining the most efficient operation from your Ramsey Winch and safety procedures you need to know before beginning use. When you follow our guidelines for operation, your Ramsey Winch will give you many years of satisfying service. Thank you for choosing Ramsey. You will be glad you have one working for you.

Contents

Performance Specifications	Front Cover
Safety Precautions	2
Tips for Safe Operation	2
Techniques of Operation	3
Installation	4
Operating Instructions	6
Electrical Connections and Operation.....	6
Maintenance	6
Trouble Shooting Guide.....	7
Winch Parts List.....	8-10
Warranty	Back Cover

Please Note: Ramsey Patriot 15000™ winches are designed for front mount vehicle use. The winches are not designed for and should not be used in industrial applications (car haulers/carriers, wreckers, hoisting, etc.), and Ramsey does not warrant them to be suitable for such use. Ramsey makes a separate, complete line of winches for industrial/commercial use. Please contact the factory for further information.



CAUTION: Read and understand this manual before installation and operation of winch. See Safety Precautions.

Safety Precautions To Guard Against Possible Injury.....



A minimum of five wraps of cable around the drum barrel is necessary to hold the rated load. Cable clamp is not designed to hold the load.

- A. Keep yourself and others a safe distance to the side of the cable when pulling under load.
- B. Do not step over a cable, or near a cable under load.
- C. Use supplied hook strap when handling hook for spooling wire rope.
- D. Do not move the vehicle to pull a load on the winch cable. This could result in cable breakage and/or winch damage
- E. Use a heavy rag or gloves to protect hands from burrs when handling winch cable.
- F. Apply blocks to wheels when vehicle is on an incline.
- G. Winch clutch should be disengaged when winch is not in use and fully engaged when in use.
- H. Modification, alteration, or deviation to the winch should only be made by Ramsey Winch Company.
- I. Keep the duration of your pulls as short as possible. If the motor becomes uncomfortably hot to the touch, stop and let it cool for a few minutes. Do not pull more than one minute at or near the rated load. Do not maintain power to the winch if the motor stalls. Electric winches are for intermittent usage and should not be used in constant duty applications.
- J. Disconnect the remote control switch from the winch when not in use. A Ramsey Part No. 282053 safety on-off switch in your vehicle is recommended.
- K. Do Not use winch in hoisting applications due to required hoist safety factors and features.
- L. Do not exceed maximum line pull ratings shown in tables. Shock loads must not exceed these ratings.
- M. To respool correctly, it is necessary to keep a slight load on the cable. This is accomplished by (wearing gloves) holding the cable with one hand and the remote control with the other, starting as far back and in the center as you can, walking up keeping load on the cable as the winch is powered in. Do not allow the cable to slip through your hand and do not approach the winch too closely. Turn off the winch and repeat the procedure until all the cable except a few feet is in. Disconnect the remote control switch and finish spooling in cable by rotating the drum by hand with clutch disengaged. On hidden winches, spool in cable under power using supplied hook strap.

Tips for Safe Operation

Don't underestimate the potential danger in winching operations. Neither should you fear them. Do learn the basic dangers and avoid them.

Observe spooling of cable onto drum. Side pulls can cause cable to pileup at one end of the drum. To correct uneven stacking, spool out that section of the cable and move it to the other end of the drum and continue winching. Uneven spooling which causes cable pileup can interfere with the tie bars causing damage to the winch.

Store the remote control switch inside your vehicle where it will not become damaged. Inspect it before you plug it in.

When ready to begin spooling in, plug in remote control switch with clutch disengaged. Do not engage clutch with motor running.

Never connect the hook back to the cable. This causes cable damage. Always use a sling or chain of suitable strength, as shown in the illustration.

Observe your winch while winching, if possible, while standing at a safe distance. If you use vehicle drive to assist, stop and get out every few feet to assure the cable is not piling up in one corner. Jamming cable can break your winch.

Do not attach tow hooks to winch mounting apparatus. They must attach to vehicle frame.

When double lining during stationary winching, the winch hook should be attached to the chassis of the vehicle.

Since the greatest pulling power is achieved on the innermost layer of your winch, it is desirable to pull off as much line as you can for heavy pulls. If this is not practical, use a snatch block and double line arrangement (see illustration). Remember, a minimum of 5 wraps of cable around the drum barrel is necessary to hold the rated load.

Neat, tight spooling avoids cable binding which is caused when a load is applied and the cable is pinched between two others. If this happens, alternately power the winch in and out a few inches. Do not attempt to work a bound cable under load, free by hand.

Techniques of Operation

The best way to get acquainted with how your winch operates is to make a few test runs before you actually need to use it. Plan your test in advance. Remember you hear your winch as well as see it operate. Get to recognize the sound of a light steady pull, a heavy pull, and sounds caused by load jerking or shifting. **The winch may make more noise when running in the 'out' direction under load. This noise should decrease with use and is not detrimental to the winch operation.** Soon you will gain confidence in operating your winch and its use will become second nature with you.

Your winch will not only pull your vehicle up or ease your vehicle down a steep grade, it will also pull another vehicle or a load while your vehicle is anchored in a stationary position. The sketches on this page show you a few techniques.



For basic self-recovery, anchor to a tree or heavy rock. When anchoring to a tree, always use a tree trunk protector.



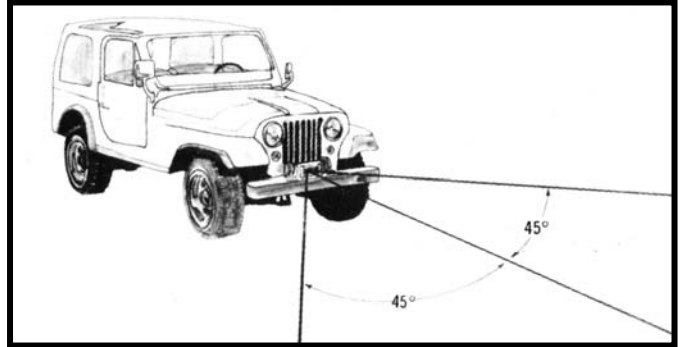
Stakes driven in solid earth and chained together make a good anchor point for self-recovery when no solid anchor point is available.



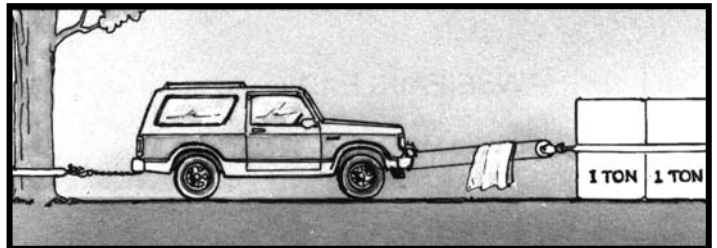
For a solid anchor, bury a log with earth or sand or place it in a deep ravine.

When pulling a heavy load, place a blanket, jacket or tarpaulin over the cable five or six feet from the hook. It will slow the snap back in the event of a broken cable. Also, open the vehicle hood for additional protection.

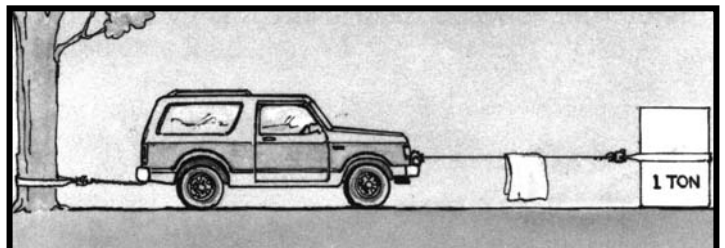
Use the vehicle wheel power to help the winch, but don't overtake the winch line. Plan your pull. You can't always hook up and pull out in one step. Examine all the areas for anchoring possibilities as well as leverage situations, direction, and goal.



Winches equipped with cable guide fairleads can pull from several directions. Pull from an angle only to straighten up the vehicle—otherwise you can damage structural members or other parts of your vehicle and cause excess cable buildup on one end of the winch drum.



For a direct pull of 2000 lbs., hitch truck to a tree or solid anchor, and take out of gear.



To double the pull, use 2-part line and tie off to chassis. Take out of gear.

Installation

The winch shown in this owners manual is solely and exclusively designed for vehicle mounted, non-industrial applications. All other applications will void warranty.

It is very important that the winch be mounted on a flat surface so that the three major sections (the motor end, the cable drum, and the gear housing end) are properly aligned. It is recommended that Ramsey kits be used to mount the winch. They are designed to align the winch and distribute up to the full rated load evenly, to avoid possible damage to the winch or vehicle.

NOTE: If recommended mounting is not used, a kit of equal design must be used.

Attach fairlead to channel using hardware furnished with winch.

NOTE: To ensure proper alignment of roller fairlead to winch, position larger (1/2") holes at top.

Attach winch to channel. Thread capscrews with lockwashers through mounting holes in channel and into winch feet (see FIGURE 1).

Substitution of attaching hardware items (bolts, nuts or washers) different from those supplied with your winch and mounting kit can lead to failure causing damage or serious injury (use SAE grade 5 bolts or better and torque to 44 ft.lbs.).

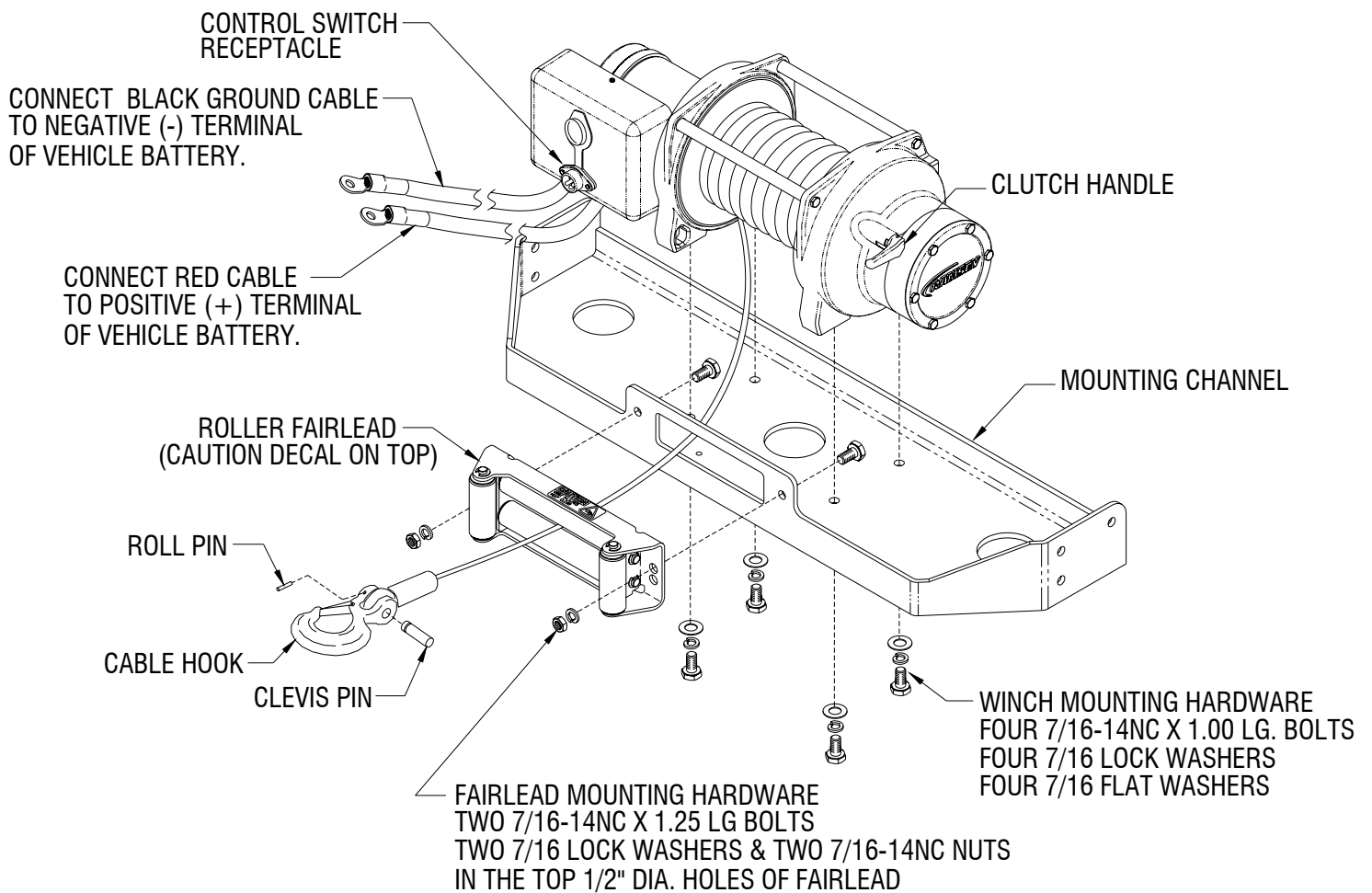


FIGURE 1

Operating Instructions

The clutch provides free spooling and clutch engagement with cable drum. With the clutch disengaged, the cable can be pulled off the drum by hand. For winching in the load, the clutch must be fully engaged with the drum.

To disengage the clutch, run the winch in the reverse (Reel Out) direction until the load is off the cable and the cable drum stops turning. Pull outward on the clutch handle, rotate it to the disengaged position and release. The clutch is now locked out and the cable may be pulled off by hand. (**Note:** If the clutch handle can not be pulled out, again run the winch momentarily in reverse to relieve pressure on the clutch.) **Warning: Do not attempt to disengage the clutch when there is a load on the cable.**

To engage the clutch, rotate the handle to the engaged position and release. Run the winch in reverse until the clutch handle snaps fully in or until the cable drum starts turning. At this point make sure the clutch handle is all the way in. After the clutch is fully engaged, the winch is ready for winching in the cable.

Electrical Connections and Operation

For normal self recovery work, your existing electrical system is adequate. Your battery should be kept in good condition. A fully charged battery and proper connections are essential. Run the vehicle engine during winching operations to keep the battery charged.

Route battery cables up to battery. **CAUTION: BE SURE BATTERY CABLES ARE NOT DRAWN TAUT ACROSS ANY SURFACES WHICH COULD POSSIBLY DAMAGE THEM.** Connect red cable to positive (+) battery terminal. Connect black ground cable to negative (-) battery terminal (See Figure 1).

Models Equipped with Push Button Remote Control Switch

The remote control switch is water proof. It has push buttons on either side. Make sure the motor has stopped fully before reversing. To actuate winch simply plug remote switch into receptacle in cover of winch. Run winch forward and reverse to check connection and to determine winch operating directions. Snap appropriate "IN" and "OUT" disc into proper thumb cavity. **Do not leave switch plugged in when winch is not in use.**

Models Equipped with Wireless Remote Control

See Installation and Operating Instructions for Ramsey Universal Remote Control No. OM-914057 included with wireless remote.

Maintenance

Check monthly the action of the clutch, making sure it is fully engaging and disengaging. If clutch is not fully engaging, inspect clutch shifter assembly parts, check for damage or excessive wear and replace as necessary.

Corrosion on electrical connections will reduce performance or may cause a short. Clean all connections especially in the remote control switch and receptacle. In salty environments use a silicone sealer to protect from corrosion.

To minimize corrosion of the internal motor components that may occur due to condensation, power the winch in or out periodically. Energizing the motor will generate heat, which will help dissipate any moisture buildup in the motor. This should be performed at periodic intervals (such as with each oil change to your vehicle). **Note:** Refer to the Troubleshooting Guide if the motor has been submerged.

All moving parts in the winch are permanently lubricated with Mobilith SHC 007 synthetic grease at the time of assembly. Under normal conditions factory lubrication will suffice.

Lubricate cable periodically using light penetrating oil. Inspect for broken strands and replace if necessary. If the cable becomes worn or damaged, it must be replaced.

Cable Installation

1. Unwind cable by rolling it out along the ground to prevent kinking. Securely wrap end of cable, opposite hook, with plastic or similar tape to prevent fraying.
2. Insert the end of cable, opposite hook end, under drum and into the ½" diameter hole in drum barrel. Secure cable to drum barrel, using setscrew furnished with winch. **TIGHTEN SETSCREW SECURELY.**
3. Carefully run winch in the "reel-in" direction. Keeping tension on end of cable, spool all the cable onto drum, taking care to form neatly wrapped layers.

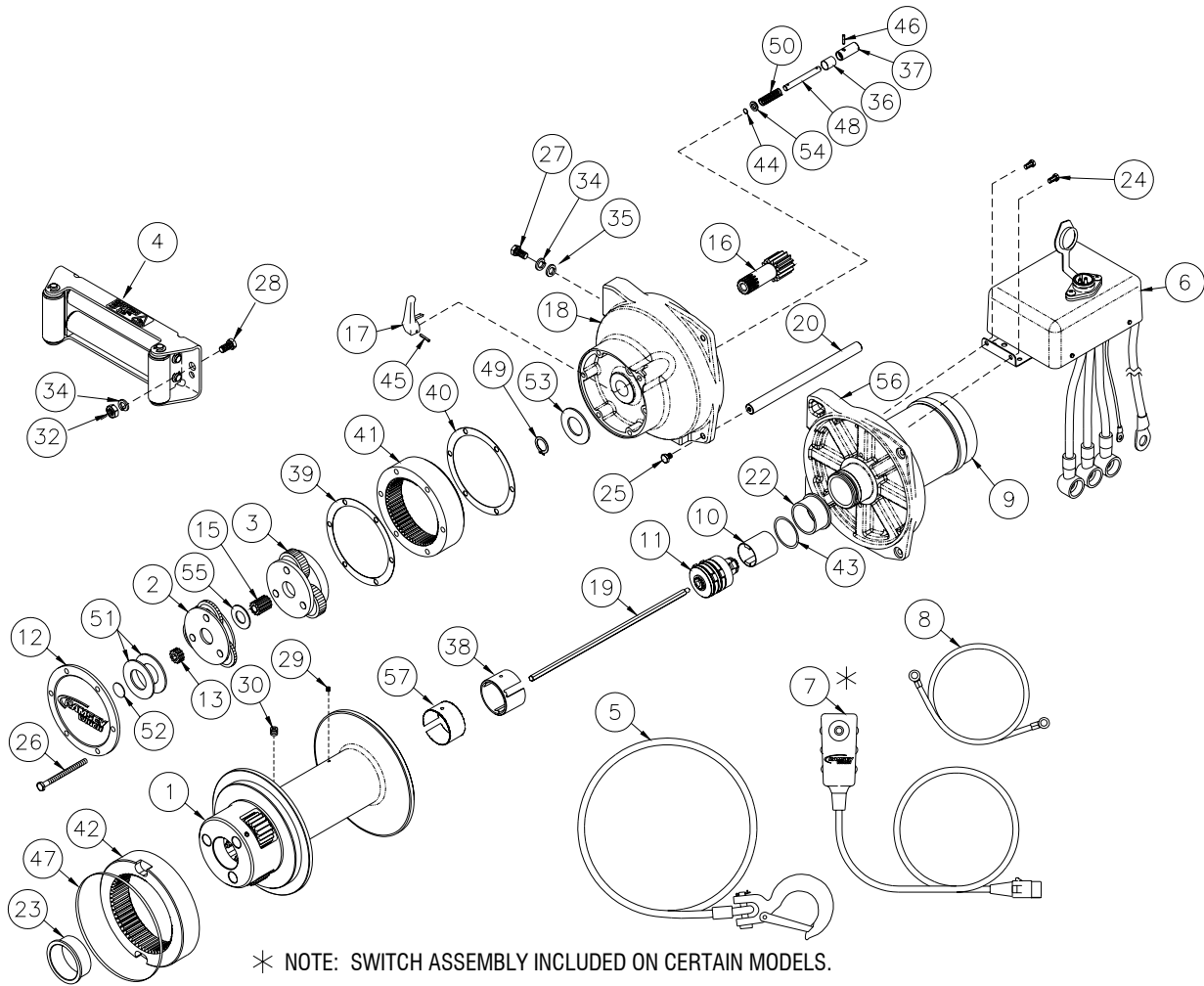
Inspect the cable frequently. If the cable becomes frayed with broken strands, replace immediately. Cable and hook assemblies may be purchased from a Ramsey distributor.

Ramsey Electric Winches Trouble Shooting Guide

Note: The winch may make more noise when running in the 'out' direction under load. This noise should decrease with use and is not detrimental to the winch operation.

CONDITIONS	POSSIBLE CAUSE	CORRECTION
MOTOR RUNS IN ONLY ONE DIRECTION	Defective solenoid or stuck solenoid. Defective remote control switch	Jar each solenoid to free contacts. Check each solenoid by applying 12 volts to coil terminal (it should make an audible click when energized). Disengage winch clutch, remove remote control switch plug from the socket and jump pins at 8 and 4 o'clock. Motor should run. Jump pins at 8 and 10 o'clock. Motor should run.
MOTOR RUNS EXTREMELY HOT	Long period of operation Insufficient battery	Cooling-off periods are essential to prevent overheating. Check battery terminal voltage under load. If 10 volts or less, replace or parallel another battery to it.
MOTOR RUNS, BUT WITH INSUFFICIENT POWER OR WITH LOW LINE SPEED	Bad connection Insufficient charging system	Check battery cable for corrosion; clean and grease Replace with larger capacity charging system.
MOTOR RUNS, BUT DRUM DOES NOT TURN	Clutch not engaged	If clutch engaged but symptoms still exist, it will be necessary to disassemble winch to determine cause and repair.
MOTOR WILL NOT OPERATE	Defective solenoid or stuck solenoid Defective remote control switch Defective motor Loose connections.	Jar solenoid to free contacts. Check solenoid by applying 12 volts to coil terminal (it should make an audible click when energized). Disengage winch clutch, remove remote control switch plug from the socket and jump pins at 8 and 4 o'clock. Motor should run. Jump pins at 8 and 10 o'clock. Motor should run. If solenoids operate, check for voltage at armature post; replace motor. Tighten connections on bottom side of hood and on motor.
MOTOR WATER DAMAGED	Submerged in water or water from high pressure car wash	Allow to drain and dry thoroughly, then run motor without a load in short bursts to dry windings.

PATRIOT 15000



Winch Parts List Patriot 15000 (MANUFACTURED AFTER APRIL 22, 2003)

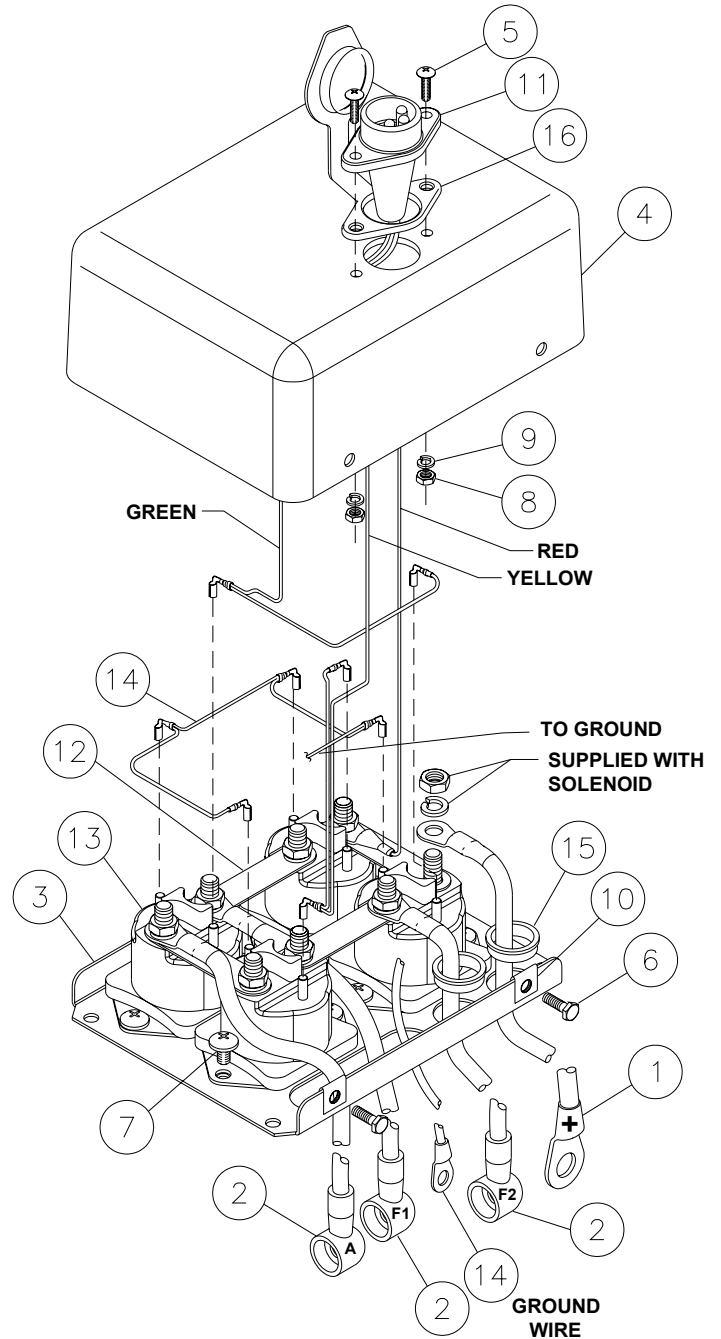
Item	Qty.	P/N	Description	Item	Qty.	P/N	Description
1	1	234192	DRUM ASSEMBLY	28	2	414469	CAPSCREW-7/16-14NC X 1 1/4 LG HX HD Z/P GR5
2	1	247028	INPUT GEAR CARRIER ASSY	29	1	416030	SETSCREW-1/4-20NC X 3/8 HALF DOG POINT
3	1	247035	INTERMEDIATE GEAR CARRIER ASSY	30	1	416059	SETSCREW-3/8-16NC X 1/2 LG
4	1	251183	ROLLER FAIRLEAD	32	2	418049	NUT-7/16-14NC HEX REG Z/P
5	1	251230	CABLE ASSY-90'X7/16" W/HOOK	34	6	418198	LOCKWASHER 7/16
6	1	278178	SOLENOID ASSY 12V	35	4	418204	FLAT WASHER 7/16
	1	278187	SOLENOID ASSY 24V	36	1	418458	SPACER-CLUTCH SHAFT
7	1	282001	SWITCH ASSY-12FT LG,STD,	37	1	426042	PLUNGER-CLUTCH,MANUAL
8	1	289141	WIRE ASSY - GROUND	38	1	438033	BRAKE SHELL
9	1	458135	MOTOR - 12V	39	1	442208	GASKET-GEAR HOUSING COVER
	1	458136	MOTOR - 24V	40	1	442219	GASKET-RING GEAR
10	1	296600	COUPLING-MOTOR	41	1	444077	GEAR-RING INPUT & INTERMEDIATE
11	1	296601	BRAKE ASSY	42	1	444084	GEAR-RING OUTPUT
12	1	328138	COVER - GEAR HOUSING	43	1	462046	O-RING, 2-1/4 OD X 1/8
13	1	334153	INPUT SUN GEAR	44	1	462064	O-RING, 7/16 OD X 1/16
15	1	334184	INTERM SUN GEAR	45	1	470097	SPIROL PIN-1/8 X 3/4
16	1	334193	OUTPUT SUN GEAR (EFFECTIVE S/N L34804007)	46	1	470088	PIN-SPRING 1/8 X 5/8
17	1	336029	CLUTCH LEVER	47	1	486080	SEAL- GEAR HOUSING
18	1	338347	END BEARING - GEAR	48	1	489025	SHAFT-SHIFTER CLUTCH
19	1	357514	INPUT SHAFT	49	1	490037	SNAP RING
20	2	395419	TIE BAR	50	1	494104	SPRING-SHIFTER,CLUTCH
22	1	412084	BUSHING-DRUM, MOTOR END	51	2	518020	THRUST WASHER-1.39 ID
23	1	412085	BUSHING-DRUM, GEAR END	52	1	518027	THRUST DISC-.035 X .922
24	2	414055	CAPSCREW-1/4-20UNC X 1/2 LG HX HD	53	1	518066	THRUST WASHER
25	4	414038	CAPSCREW-1/4-20UNC X 3/4 LG HX HD	54	1	518060	WASHER-CLUTCH LEVER
26	6	414159	CAPSCREW-5/16-18UNC X 2.50 LG HX HD	55	1	518061	SPACER-INPUT-INTERM. GEAR
27	4	414462	CAPSCREW-7/16-14NC X 1 LG HX HD Z/P GR5	56	1	338346	END BEARING
				57	1	438042	INSULATOR-BRAKE

Solenoid Assembly Parts List - Patriot 15000

278178 12 V

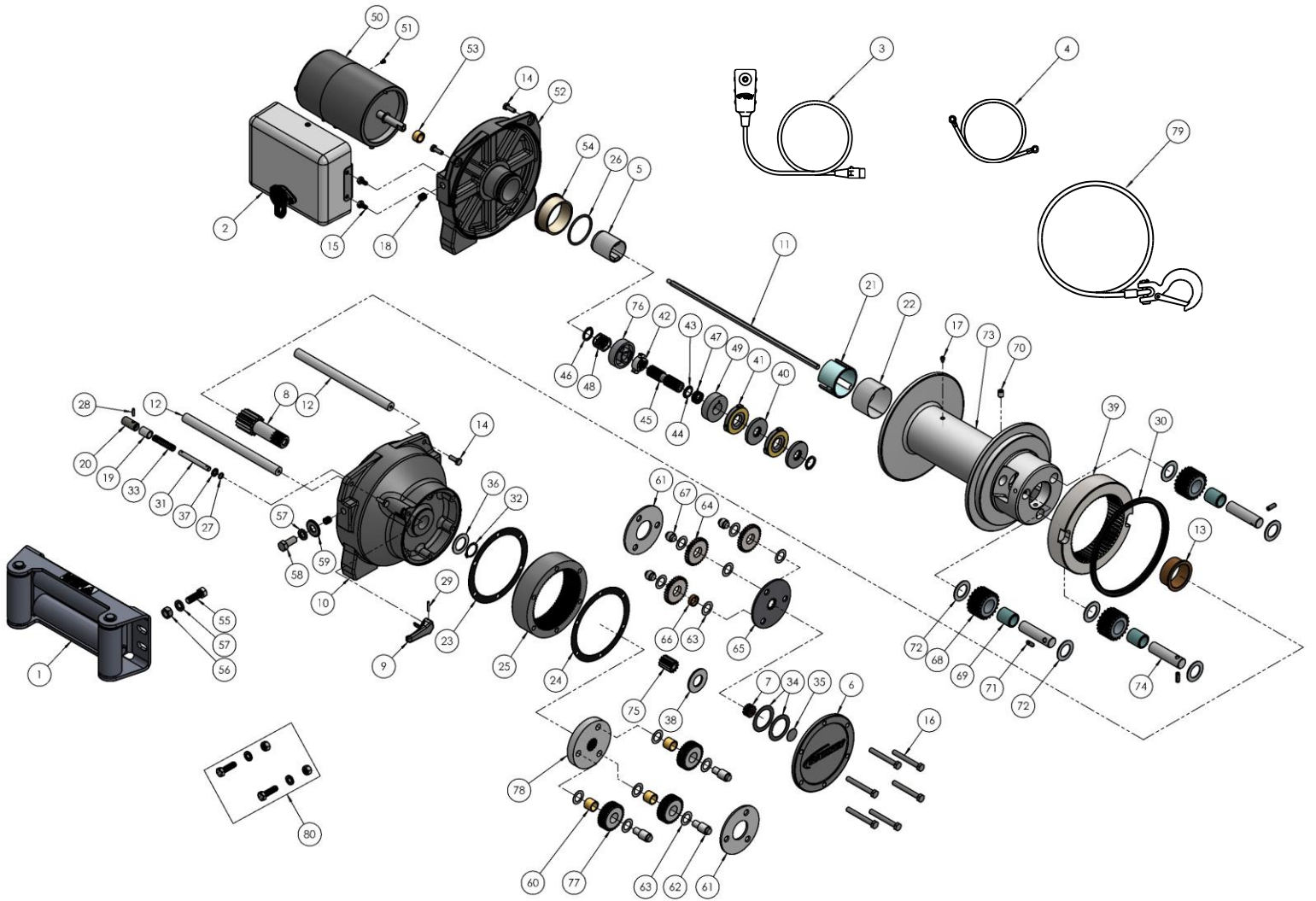
278187 24V

Item no.	Qty.	P/N	Description
1	1	289015	WIRE - BATTERY CABLE
2	3	289164	WIRE - MOTOR LEAD
3	1	408342	BRACKET
4	1	413094	COVER-SOLENOID
5	2	416227	SCREW - #10-24NC X 3/4 TRUSS
6	3	416239	SCREW - #10-24NC X 3/8 LG
7	8	416281	SCREW - SELF TAP #14-20 X 3/8 LG HX HD
8	2	418004	NUT-HEX #10-24NC REG.
9	2	418141	LOCKWASHER-#10
10	3	418519	CLIP-NUT, #10-24
11	1	430022	CONNECTOR-FEMALE
12	4	440260	COPPER STRAP
13	4	440262	SOLENOID-12V
	4	440265	SOLENOID-24V
14	1	440276	WIRE - SOLENOID GROUND
15	2	472076	BUSHING-ELEC CABLE GUARD
16	1	482029	COVER-FEMALE RECEPTACLE



Kits and Maintenance Parts

109159 & 109160



Kits and Maintenance Parts

109159 & 109160

				WINCH(ES)		KITS					
ITEM #	QTY.	PART NUMBER	DESCRIPTION	109159	109160	207055	222059	246076	248069	283092	293018
1	1	274032	ROLLER FAIRLEAD ASSY								
2	1	278178	ASSEMBLY-SOLENOID								
3	1	282001	SWITCH ASSY-12FT LG								
4	1	289141	WIRE ASSY-GRND								
5	1	296600	ASSEMBLY-MOTOR COUPLING							X	
6	1	328138	COVER-GEAR HSG								
7	1	334153	GEAR-INPUT								
8	1	334193	GEAR-OUTPUT SUN								
9	1	336034	LEVER-CLUTCH				X				
10	1	338347	END BEARING-GEAR								
11	1	357514	SHAFT-INPUT								
12	2	395419	TIE BAR-PLANETARY								
13	1	412085	BUSHING-DRUM						X		
14	4	414038	CAPSCREW-1/4-20NCX3/4,HXHD								
15	2	414055	CAPSCREW-1/4-20NCX1/2LG,HXHD								
16	6	414159	CS-5/16-18UNCX2.50,HXHD								
17	1	416030	SS-1/4-20NCX3/8,HXSOC								
18	2	416068	SETSCREW-7/16-14NCX1/2,SOCHD								
19	1	418458	SPACER-CLUTCH SHAFT				X				
20	1	426042	PLUNGER-CLUTCH				X				
21	1	438033	SHELL-DISC BRAKE								
22	1	438042	INSULATOR-BRAKE								
23	1	442208	GASKET					X			
24	1	442219	GASKET-RING GEAR					X			
25	1	444114	RING GEAR INPUT								
26	1	462046	O-RING 1/8X2 1/4 OD X 2					X		X	
27	1	462064	O-RING, 5/16X7/16X1/16				X	X			
28	1	470088	PIN-SPRING				X				
29	1	470097	PIN-SPRING 1/8 X.75				X				
30	1	486080	SEAL					X			
31	1	489025	SHAFT-SHIFT CLUTCH				X				
32	1	490037	SNAP RING								
33	1	494104	SPRING-SHIFTER				X				
34	2	518020	THRUST WASHER-1.39 ID,PLAS								
35	1	518027	THRUST DISC-.035X.922DIA								
36	1	518066	WASHER-THRUST								
37	1	518060	WASHER-CLUTCH LEVER				X				
38	1	518061	SPACER-INPUT-INTER GEAR								
39	1	444140	GEAR-RING								
40	2	350702	DISC-BRAKE STATOR			X					

Kits and Maintenance Parts

109159 & 109160

				WINCH(ES)		KITS					
ITEM #	QTY.	PART NUMBER	DESCRIPTION	109159	109160	207055	222059	246076	248069	283092	293018
41	2	438034	PAD-BRAKE			X					
42	1	438041	CAM-SPLINED BRAKE								
43	1	462065	O-RING, 2-018 VITON			X		X			
44	1	462066	O-RING, 2-015 VITON			X		X			
45	1	489028	SHAFT-SPLINED BRAKE								
46	2	490048	SNAP RING			X					
47	1	494118	SPRING - TORQUE			X					
48	4	494119	WASHER-WAVE			X					
49	1	438038	CAM-MOTOR DRIVEN BRAKE								
50	1	458118	MOTOR-12V								
51	1	480015	RIVET-DRIVE								
52	1	338346	END BEARING-MOTOR								
53	1	402122	BEARING-MTR SHAFT						X		
54	1	412084	BUSHING-DRUM						X		
55	2	257525	CAPSCREW-7/16-14NCX1 1/4LG,Z/P								
56	2		NUT-7/16-14NC HEX REG								
57	6		LOCKWASHER-7/16								
58	4		CAPSCREW-7/16-14NCX1LG,HXHD Z/P GR5								
59	4		WASHER-7/16 USS FLAT								
60	3	412102	BUSHING								
61	2	413095	PLATE-CARRIER								
62	3	470096	PIN-INT PLANET, 1/4X.62								
63	12	518062	WASHER								
64	3	334187	GEAR								
65	1	350695	PLATE-CARRIER								
66	3	412103	BUSHING-INPUT PLANET GEAR								
67	3	470098	PIN-INPUT PLANET								
68	3	334173	GEAR-OUTPUT								X
69	3	412083	BUSHING-PLANET								X
70	1	416059	SETSCREW3/8-16NCX1/2 HX SOCK HD CUP								
71	3	470086	ROLL PIN-1/4 X 11/16LG								X
72	6	518047	WASHER-THRUST, .063 THK.X1.50 OD								X
73	1	332198	DRUM-CABLE								X
74	3	470090	PIN-PLANET								X
75	1	334184	GEAR								
76	1	438045	CAM-BRAKE								
77	3	334185	GEAR-INTERMEDIATE								
78	1	350713	CARRIER-PLANET-INTERMEDIATE								
79	1	216031	ASSEMBLY-CABLE, 7/16 DIA x 90FT LG								
80	1	257164	BOLT SET-W/422017								

**RAMSEY WINCH INDUSTRIAL WINCH
LIMITED WARRANTY**

1.1 Scope of Warranty Coverage. Upon the terms and subject to the conditions set forth in this limited warranty:

- (a) RAMSEY WINCH (referred to herein as “**RAMSEY WINCH**” or the “**Manufacturer**”) warrants to each initial end user customer (a “**Purchaser**”) of a new industrial winch together with any accessories manufactured and sold directly from RAMSEY WINCH (the “**Product**”) that the Product shall be free from defects in material and workmanship, under normal working and service conditions, for a period of eighteen (18) months from the date the Product is shipped from RAMSEY WINCH. (the “**Warranty Term**”). A Purchaser shall be eligible for an additional eighteen (18) months of coverage in addition to the Warranty Term (also referred to as the “**Standard (+) PLUS benefit**”) only if the Purchaser (i) complies with Section 1.2(a) and (ii) registers the Product during the Warranty Term at myproduct.ramseywinch.com.
- (b) Notwithstanding the foregoing, this warranty does not cover components damaged by accident, abuse, misuse, neglect, untrained operators, collision, overloading, modification, disassembly, rework, misapplication, improper installation, lack of lubrication or maintenance, or improper service. This warranty does not cover the paint or material finish, rope (wire or synthetic), removal or reinstallation of the winch, or normal wear and tear and loss of functionality due to aging of the Product (which may include but is not limited to bearings, bushings, seals, O-rings, gaskets, brake material, motor brushes, electrical cables and more).

1.2 Eligibility of Warranty Coverage.

- (a) A Purchaser shall be eligible for warranty coverage under this Limited Warranty during the Warranty Term only if:
 - (i) Prior to placing a Product in service, and throughout use of the Product during the Warranty Term, the Purchaser provides (or causes to be provided) proper storage such that foreign objects (e.g. rain or debris) cannot enter any Product through entry ports which are normally closed during operation.; and
 - (ii) The Purchaser maintains, or causes to be maintained, the Product according to commercially reasonable standards and utilizes the Product for the purposes for which it was created; and
 - (iii) No repairs or alterations have been made by any party other than RAMSEY WINCH, including Purchaser, unless otherwise authorized in writing by RAMSEY WINCH.

1.3 Transferability of Warranty.

- (a) This warranty is transferable only from the Purchaser to the first subsequent transferee (the “**Transferee**”) of the Product from Purchaser upon (i) written notification to RAMSEY WINCH and (ii) registration of the transfer, both within 30 days of such Product transfer.
- (b) Upon satisfaction of transfer requirements set forth in Section 1.3(a), the Transferee shall succeed to all the rights and obligations of the Purchaser set forth in this Limited Warranty.

1.4 Certain Limitations on Scope of Warranty Service.

- (a) Any obligation of RAMSEY WINCH under this warranty, statutory or otherwise, is limited to the repair of the Product, at its factory or Authorized Service Centers. Notwithstanding the foregoing, if field service or repair is performed by RAMSEY WINCH at the request of the Purchaser and no defect is found with material or workmanship of the Product, the Purchaser shall compensate RAMSEY WINCH for its time and expenses within thirty (30) days of delivery of an invoice relating to the same. If repair is determined by RAMSEY WINCH in its sole, absolute and uncontrolled discretion to be impossible or impractical, then RAMSEY WINCH may satisfy this warranty by replacing the Product. RAMSEY WINCH will not provide any cash payment or credits for defective materials or workmanship.

- (b) Purchaser shall be responsible for any and all freight charges for any Product receiving warranty service under this limited warranty. Any travel time, transportation charges, freight charges, or similar costs incurred by RAMSEY WINCH in connection with the replacement or repair of defective parts, shall, be the responsibility of the Purchaser. If applicable, RAMSEY WINCH shall invoice Purchaser for the total amount of such charges within sixty (60) days of fulfilling its duties under this warranty, payable within thirty (30) days of delivery of such invoice. In no event shall RAMSEY WINCH be liable for bills for service, labor or other expenses that have been incurred by the Purchaser without approval or prior authorization by RAMSEY WINCH for inspection, maintenance, or repair of the Product.
- (c) If a Product is found to be operable upon inspection, the Product, at Purchaser's election, may be either (1) returned to the Purchaser with a service charge from RAMSEY WINCH for inspection, cleaning, and routine replacement of all rubber components and any other parts that show wear; or (2) RAMSEY WINCH can dispose of the product safely.

1.5 **Limitations of Liability.** RAMSEY WINCH shall in no event be liable for punitive, special or consequential damages relating to the Product or this Warranty. RAMSEY WINCH makes no warranty in respect to third-party accessories, upgrades, or additions to the Product.

1.6 **Improving Product.** RAMSEY WINCH reserves the right to improve the Product through changes in design or materials as it may deem desirable or necessary without being obligated to incorporate, upgrade, or otherwise modify previously manufactured products.

1.7 **Limitations of Warranty.**

- (a) THE WARRANTY SET FORTH ABOVE IS THE ONLY EXPRESS WARRANTY. RAMSEY WINCH HEREBY DISCLAIMS AND EXCLUDES ANY OTHER EXPRESS, IMPLIED, OR STATUTORY WARRANTIES, ARISING BY OPERATION OF LAW, COURSE OF DEALING, COURSE OF PERFORMANCE, USAGE, OF TRADE, OR OTHERWISE, INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, AND INTELLECTUAL PROPERTY RIGHTS OF A THIRD PARTY.
- (b) ANY IMPLIED WARRANTY WHICH BY LAW MAY NOT BE EXCLUDED IS LIMITED IN DURATION TO ONE (1) YEAR FROM THE DATE OF ORIGINAL RETAIL PURCHASE OF THE PRODUCT.
- (c) This warranty gives you specific legal rights, and you may also have other rights which vary from jurisdiction to jurisdiction.
- (d) This warranty is valid only in the U.S.A. and Canada. For warranty outside the U.S.A. and Canada contact your nearest Ramsey Winch Distributor.

1.8 **No Modifications to Warranty.** No RAMSEY WINCH dealer, distributor, agent or employee is authorized to make any modification, extension or addition to this warranty.

1.9 **How to Apply for Warranty Coverage.**

All claims are handled by contacting your nearest Ramsey Winch Distributor. For questions, please contact customer support: rwcustomersupport@ramseyindustries.com.

Visit [Dealer Locator - Ramsey Winch](#) for Ramsey Winch Distributor locations and contact information.

Additional warranty, service support, product information, and parts information can be found on www.ramseywinch.com.

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