

MORE POWER! MORE SPEED! MORE TORQUE!

Viper
'S' SERIES

1000 MICRO & RAPID

ELECTRIC ANCHOR WINCHES

USER GUIDE



BELL
MARINE
VIPER PERFORMANCE PRODUCTS

bellmarine.com.au

WORLD CLASS STAINLESS STEEL BOATING CHANDLERY & PERFORMANCE BOATING ACCESSORIES



Whats Included In Your Viper Winch Bundle

Viper S Series 1000 "MICRO" Anchor Winch Bundle

Viper Deluxe Anchor Roller (#30009)
Viper Deluxe Stainless Steel Anchor Swivel (#30001)
60 meters of Premium Blend Double Braid Anchor Rope
Pre Spliced to 6mtrs of 6mm Short Link Gal Anchor Chain (#30045)
200 Amp Reversing Solenoid (#30020)
Illuminated LED Up/Down Marine Rocker Switch (#90021)
Laser Etched LED Switch Cover
100 Amp Flush Mount Circuit Breaker Including Rubber Seal For Wall Mount (#90046)
Single Switch Stainless Steel Face Plate (#30051)
Combo Switch & Circuit Breaker Stainless Steel Face Plate (#30052)
5mm Stainless Steel Sandwich Plate
Emergency Manual Safety Release Tool
All Stainless Steel fixings, Bolt, Screws, Nuts, Washers, Heat-shrink etc Included
Viper User Guide, Wiring Diagram & Registration Card
Viper Wiring Loom Order Form
5 Year Manufacturers Warranty

Viper S Series 1000 "RAPID" Anchor Winch Bundle

Viper Deluxe Anchor Roller (#30009)
Viper Deluxe Stainless Steel Anchor Swivel (#30001)
75 Meters of 8mm Premium Blend 3 strand Anchor Rope
Pre Spliced to 8mtrs of 6mm Short Link Gal Anchor Chain (#30010)
200 Amp Reversing Solenoid (#30020)
Illuminated LED Up/Down Marine Rocker Switch (#90021)
Laser Etched LED Switch Cover
100 Amp Flush Mount Circuit Breaker Including Rubber Seal For Wall Mount (#90046)
Single Switch Stainless Steel Face Plate (#30051)
Combo Switch & Circuit Breaker Stainless Steel Face Plate (#30052)
5mm Stainless Steel Sandwich Plate
Emergency Manual Safety Release Tool
All Stainless Steel fixings, Bolt, Screws, Nuts, Washers, Heat-shrink etc Included
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Please note: If there is any items missing from your winch bundle please contact Bell Marine on (03) 9708 2846 or email us at support@bellmarine.com.au and we will express your items immediately

bellmarine.com.au

OPERATING INSTRUCTIONS

Viper S Series Anchor Drum Winch

How to get on your mark:

- Please make sure your engine is running while operating your winch.
- Engage the circuit breaker to power up your winch.
- Travel just past where you wish to anchor, place the boat in reverse in the idle position.
- Push the down switch whilst continuing to idle back.
- Continue to lower the anchor until the rope goes slack – your anchor has now hit the bottom take your finger off the button and reverse your boat back a little bit to make sure your anchor rope is tight and to help bed your anchor into position. When anchored your rope should not be straight under your boat, ideally it should be at least a 45-degree angle or more. If you are in rough water and or windy conditions, release some more rope out to compensate for boat movement and water chop.
- Once you are in the right spot there is no need to tie off the rope while you are anchored.
- Disengage the circuit breaker to cut power from the winch. The Viper worm drive will automatically lock your winch in this position once your finger is taken off the up/down LED switch.

Retrieving the anchor:

- Engage the circuit breaker to power up the winch.
- Start your engine, press the up button, there is no need to move forward to retrieve your anchor, in some cases the rope will wind on better if it under some sort of resistance, if you drive too far forward the rope can wind onto the winch with less resistance and can cause bunching up in the middle of the drum. Driving forward is at the discretion of the user and may or may not be effective as an anchoring technique for your individual boat.
- Continue to push the UP switch until you can see the chain or your chain sock – Then slowly tap the switch to bring the anchor up and lock into the Bow Sprit, a handy tip is to paint the last 2 meters of your chain or sock white to indicate when the anchor is near the front of the boat, also handy at night under a light for increased visibility during the anchoring procedure.
- Once the anchor is locked into the bow sprit/bow roller, you can disengage the circuit breaker to cut power to the winch and your right to go. Disengaging the circuit breaker prevents any potential winch movement if the down button is accidentally pressed while the boat is underway (this technique is optional)
- When underway it is recommended to have a separate cord attached to your anchor chain and then tied off to a bollard or solid point at the front of your boat, this can prevent any accidental releasing of the anchor either by mechanical failure of the winch or again by pressing the down button by mistake, thus preventing the anchor from moving and potentially falling down and hitting your boat while underway or while being towed on your trailer.

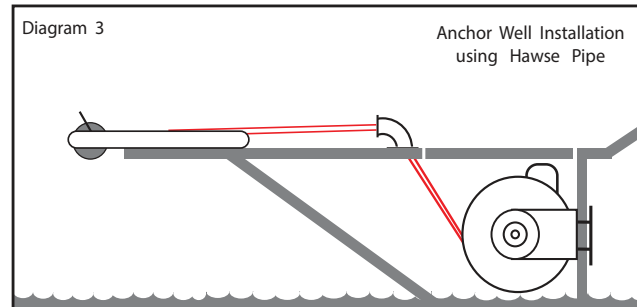
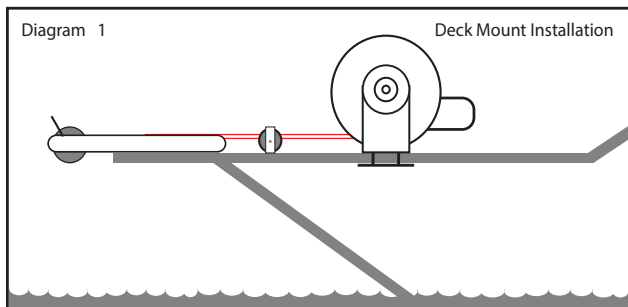
SAFETY SWITCH:

- The Viper Pro Series Winch has a safety switch (circuit breaker) located on the switch panel or under your dash.
- When traveling or anchored disengage the red lever on the circuit breaker to cut power to the winch. This will prevent accidental use while anchored or traveling as outlined above
- No specific maintenance is required however a polish every 12 months and a quick check of your rope and anchor chain before every trip is recommended. Also soaking your anchor rope in a bucket of warm water and fabric softener annually will keep your anchor rope soft and supple so it lays on nicely.

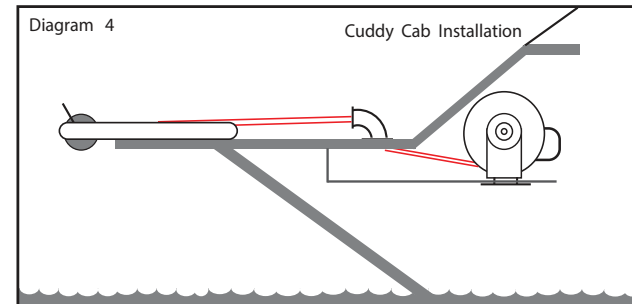
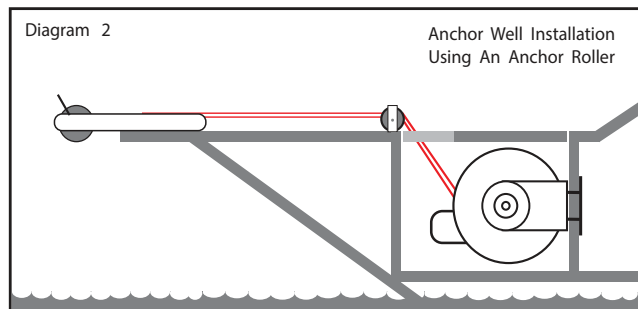
ELECTRICAL FAILURE:

- If your electrics fail or you flatten your battery/s and your winch is fitted with the Emergency Manual Safety Release mechanism, use the provided spanner tool to undo the bolt device on the side of your gearbox turning the bolt in an anticlockwise direction, once the bolt is taken all the way out the winch will drop the anchor down in a free fall manner, once the anchor hits the ground, tie the rope off to a bollard to become anchored. Once safely anchored ring the coast guard or your local marine rescue response team.
- If your winch does not have the emergency release system installed, then it is advised that a spare anchor, rope and chain is available on your boat, so the anchor can be deployed for safety reasons.

Typical Winch Installations Samples



Rope and Chain can also be mounted over the top of the drum



5 Year Limited Warranty

A. This Limited warranty is given by Bell Marine (the company) to the original purchaser (the "purchaser") of a Bell Marine Viper Winch (the "Product") specified in this manual. This 5 Year limited warranty is not transferable to any other party.

B. Responsibilities of the Company under this Limited Warranty

1. Repair or replace (at the discretion of the Company) any part or parts of the Product found by the Company to be defective within a 5 year period from the date of purchase.
2. The Company will pay the transportation charge for shipment back to the Purchaser of any Product received for legitimate Warranty repair.

C: Responsibilities of the purchaser under this warranty.

1. Complete (fully and accurately) and return to the Company, the Warranty card included in the box. Otherwise, Purchaser will have to show dated proof of purchase to qualify for service under the provisions of the Limited Warranty.
2. Promptly notify the Seller or the Company of any claim hereunder.
3. At the Option of the Company, return the product to the company for inspection. Authorization must be given prior to any product return. Call the Company 61 3 9708 2846 or write the Company at Factory 1, 2 Network Drive Carrum Downs Victoria Australia 3201, for authorization and complete instructions on how to return the product directly to the company.
4. Use reasonable care in installation, maintenance, operation, use and storage of the Product.
5. Have Warranty work, installation performed by a authorized dealer or representative approved by the company if required.
6. Except as noted in B.2., transportation charges to return the unit back to the manufacturer are the responsibility of the Purchaser.
7. Labour costs incurred at any authorised, non authorised service centre, shop, and or place or repair are not covered under the warranty, and are the sole responsibility of the owner/purchaser.

D. This Limited warranty covers:

1. Defects in workmanship or materials.
2. Any part or parts of the product sold or manufactured by the Company, excluding wearable components including but not limited to brushes, and or bearings.

E: This limited warranty does not cover:

1. Any failure that results from improper installation of the Product.
2. Any failure that results from accident, purchaser's abuse, neglect, modification, improper maintenance, or failure to operate and use the product in accordance with Bell Marine.
3. Wearable components including but not limited to brushes, and or bearings, which are considered to be consumable items under normal working conditions.
- 4: Rope and chain kit breakage, damage due to usage, age and or misconduct of boating activity for which the rope/chain was not designed for.
- 5: Labour costs incurred at any authorised, non authorised service centre, shop, and or place of repair are not covered under the warranty, and are the sole responsibility of the owner/purchaser (as listed above in Sub Cat. C)
- 6: Any opening or attempt to open the winch motor and or gearbox will VOID warranty

F. There is no other express warranty. Implied warranties, including those of merchantability and fitness for a particular purpose are limited to one (1) year from date of purchase. This is the exclusive remedy and any liability for any and all incidental or consequential damages or expenses whatsoever is excluded. Some states do not allow limitations on how long an implied warranty lasts, or do not allow exclusion or limitation of incidental or consequential damages, the above limitations may not apply to you. This Limited Warranty gives you specific legal rights and you may also have other rights which vary from state. Bell Marine reserves the right to alter specifications on any product without notice. All rights reserved. This publication or part thereof may not be reproduced in any form without written permission.

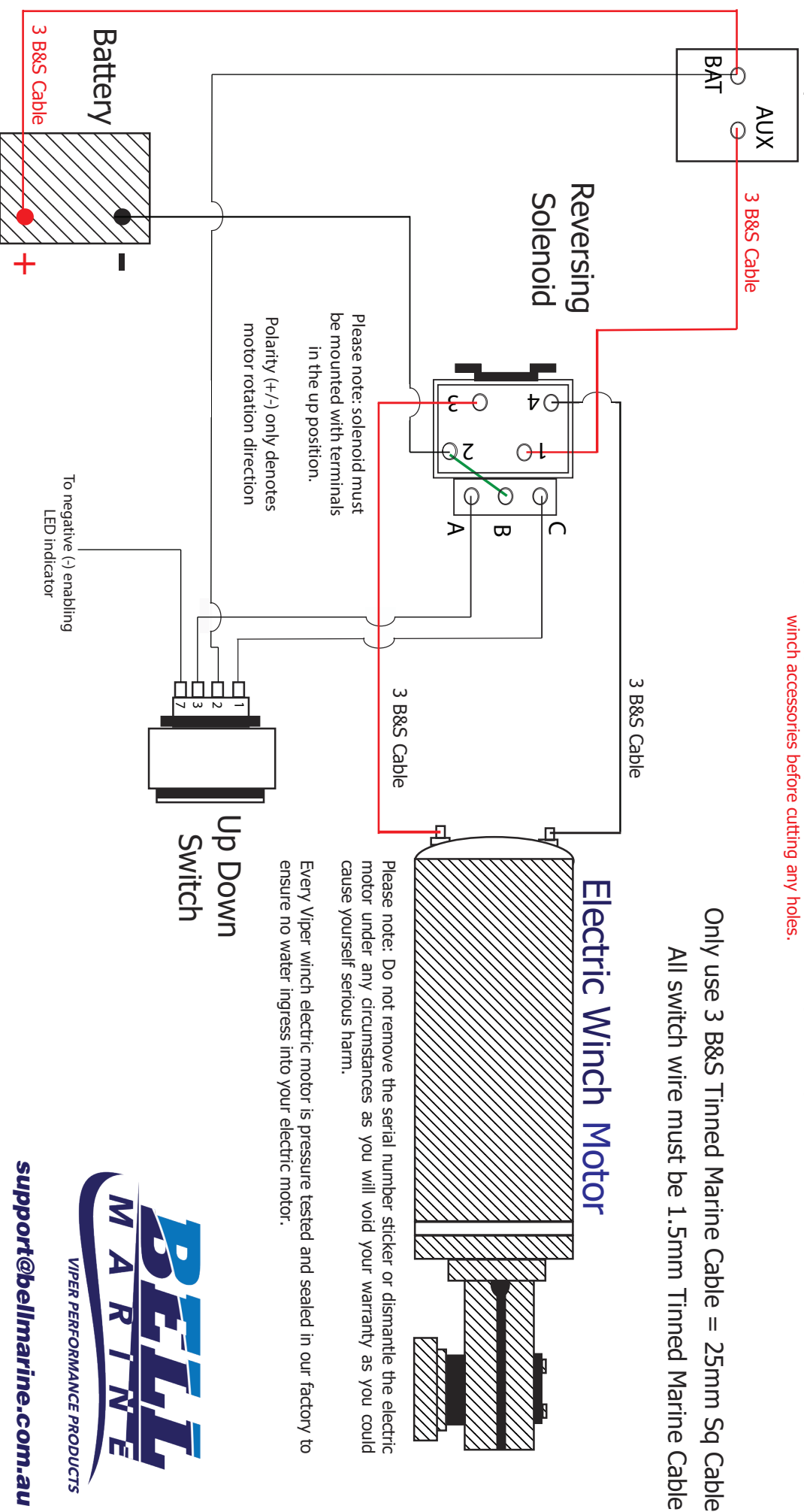
Anchor Winch Wiring Diagram A

RE: 01072016C

Viper S SERIES 1000 MICRO/RAPID DRUM WINCH

100 Amp Circuit Breaker

WARNING: Remember never to connect your battery leads until your installation is complete!
PLEASE NOTE: Pull your wiring loom through your boat first to calculate the position of your winch accessories before cutting any holes.



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support@bellmarine.com.au

Anchor Winch Options

Viper "S" SERIES ALLOY BOAT FITMENT KIT "Recommended for all aluminum boats"

As the production of alloy boats increases, more and more winches are being fitted to aluminum runabouts and Pro Series boats. The two (2) biggest problems with fitting a full stainless steel winch or any stainless fitting to an aluminum boat is the reaction between the 2 different metals in a salt water environment.

The second issue is, if there is a 12V power supply to the equipment you are fitting and unless you are 100% sure you have insulated all stainless steel from your aluminum hull, deck or dash, electrolysis will eat everything away.

The Alloy fitment kit includes 2 HD plastic winch sandwich plates, anchor roller insulation, insulation spacers for each bolt, aluminum switch face plate. **RECOMMENDED FOR EVERY ALLOY BOAT!**



NEW RELEASE!

- P/N 30038-A ALLOY FITMENT KIT FOR VIPER S SERIES MICRO WINCH
- P/N 30021-A ALLOY FITMENT KIT FOR VIPER S SERIES RAPID WINCH
- P/N 30072-A ALLOY FITMENT KIT FOR VIPER S SERIES GRAVITY FEED
- P/N 30003-A ALLOY FITMENT KIT FOR VIPER S SERIES 1500 WINCH

Viper PRO SERIES MARINE GRADE WIRING LOOMS FOR MICRO/RAPID/GRAVITY FEED & 1500 WINCHES



P/N 30034 MARINE WIRING LOOM FOR BOATS UP TO 6 MTR (MICRO/1000)

P/N 30035 MARINE WIRING LOOM FOR BOATS UP TO 8 MTRS (MICRO/1000)

P/N 30060 MARINE WIRING LOOM FOR BOATS 9MTRS & UNDER- (SERIES 1500)

P/N 30061 CUSTOM MADE WIRING LOOM

PRO SERIES DELUXE STAINLESS STEEL BOW ROLLERS

W100 X L500 X H 250MM
(MOUNT AREA 300 X 100MM)



P/N 30016
VIPER PRO SERIES
DELUXE BOW ROLLER SMALL



P/N 30006
VIPER PRO SERIES DELUXE
SINGLE ROLLER BOW ROLLER

P/N 30007 VIPER PRO SERIES DELUXE BOW ROLLER LARGE
W70 X L370 X H210MM (MOUNT AREA 210 X 70MM)

ORIGINAL AND THE BEST CHAIN SOCKS - AUST MADE

ALSO AVAILABLE
IN FLUO GREEN

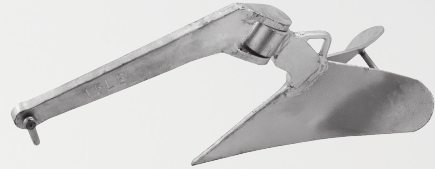
Viper



- P/N 30053 VIPER CHAIN SOCK TO SUIT 6MM SHORT LINK CHAIN-8MTRS
- P/N 30053G VIPER CHAIN SOCK TO SUIT 6MM SHORT LINK CHAIN-8MTRS
- P/N 30036 VIPER CHAIN SOCK TO SUIT 6MM SHORT LINK CHAIN-10MTRS
- P/N 30036G VIPER CHAIN SOCK TO SUIT 6MM SHORT LINK CHAIN-10MTRS
- P/N 30037 VIPER CHAIN SOCK TO SUIT 8MM SHORT LINK CHAIN-12MTRS

GALVANISED & POLISHED STAINLESS STEEL ANCHORS

Designed by Bell Marine to suit most bow rollers and a must for electric winch installations, these ploughs are guaranteed to hold bottom in any weather conditions and will not damage your bow roller on retrieval which prevents your rope from damage. You will never need to go up to the bow of your boat ever again and kick your anchor off, these plough anchors self-launching, each and every-time and now come with stainless steel D shackle with counter sunk allen key S/S bolt.



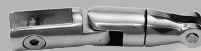
- P/N 30015 10LB/5KG GALVANISED PLOUGH ANCHOR
- P/N 30011 15LB/7KG GALVANISED PLOUGH ANCHOR
- P/N 30012 20LB/9KG GALVANISED PLOUGH ANCHOR
- P/N 30028 25LB/12KG GALVANISED PLOUGH ANCHOR
- P/N 30029 35LB/16KG GALVANISED PLOUGH ANCHOR



- P/N 30013 5kg S/S PLOUGH ANCHOR
- P/N 30014 7kg S/S PLOUGH ANCHOR
- P/N 30030 9kg S/S PLOUGH ANCHOR

Viper PRO SERIES DELUXE ANCHOR SWIVELS

Bell Marine deluxe anchor swivels are normally attached between your chain and anchor, reducing the chance of your rope and chain getting twisted and your anchor spinning on the way up and damaging your hull. The 316 stainless steel joint allows for perfect transition through your anchor rollers with no risk of damage to any components on your boat - rated to 200kgs/440lbs



P/N 30001
VIPER PRO SERIES DELUXE ANCHOR
SWIVEL SMALL SUIT 6 - 8MM CHAIN



P/N 30019
VIPER PRO SERIES DELUXE ANCHOR SWIVEL
LARGE SUIT 8-12MM CHAIN

NEW VERSION! Viper PRO SERIES HAWSE PIPES

30023 - VIPER PRO SERIES HAWSE PIPE SMALL
Opening W90 x 55mm
Flange W158 X D97mm
Cut Out W120 X 65mm
Overall Height 78mm



30031 VIPER PRO SERIES HAWSE PIPE LARGE
Opening W195 X H100mm
Flange W220 X D120mm
Cut Out W190 X 85mm
Overall Height 130mm