

GP Series

REV 000A

CE

UK
CA

March, 2023

HORIZONTAL WINDLASSES

ROPE AND CHAIN ON A SINGLE GYPSY

GP2 500

GP2 1500

GP2 2000

GP2 1200

GP2 1500 D

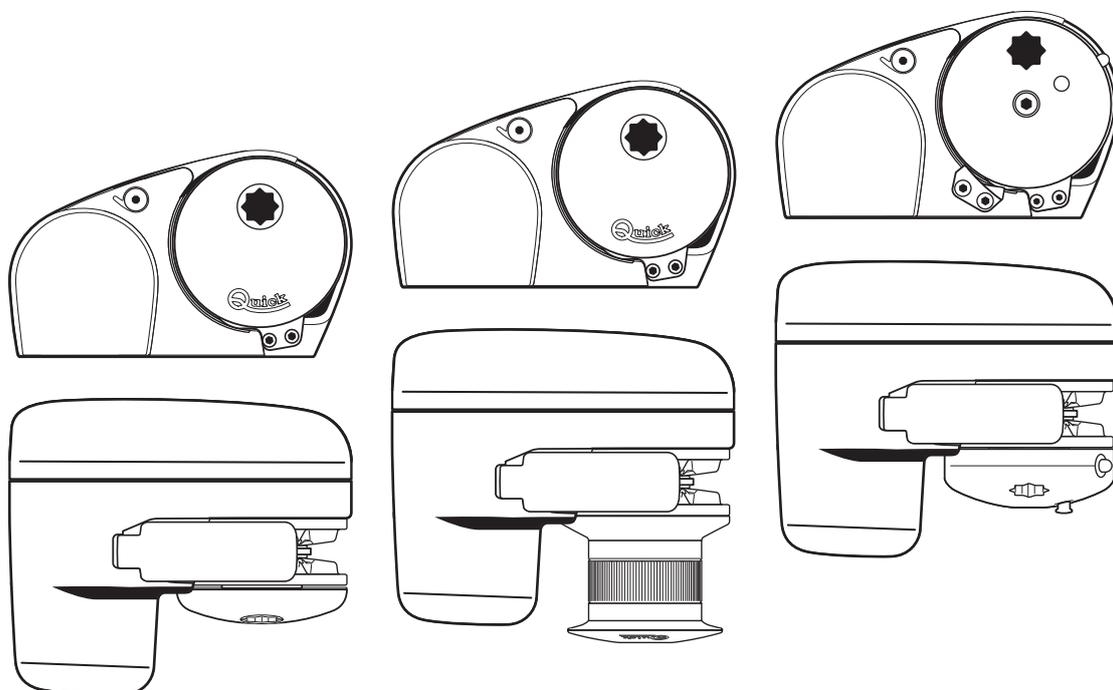
GP2 2000 D

GP2 1200 D

GP2 1500 FF

GP2 2000 FF

GP2 1200 FF



*EN - INSTALLATION AND USER'S MANUAL

*Other languages available by scanning the QR code on the back of this manual or on the label on the product.

Quick[®]
Nautical Equipment

EN *Altre lingue disponibili scansionando il codice QR presente sul retro del seguente manuale o sull'etichetta alloggiata sul prodotto.

ES *Otros idiomas disponibles escaneando el código QR en la parte posterior de este manual o en la etiqueta del producto.

FR *Autres langues disponibles en scannant le code QR au dos de ce manuel ou sur l'étiquette du produit.

DE *Andere Sprachen sind durch Scannen des QR-Codes auf der Rückseite dieser Betriebsanleitung oder auf dem Aufkleber am Produkt verfügbar.

PT *Outros idiomas disponíveis, digitalizando o código QR no verso deste manual ou no rótulo do produto.

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2.0 - Standard supply and material included in the package

- Windlass
- Reversing contactor box
- Base gasket
- Lever
- Screws for assembly
- Installation and user's manual, Warranty
- Drilling template

2.1 - Tools required for installation

- Drill with bit: Ø 9 mm (23/64") and Ø 11 mm (7/16")
- GP2** • Hollow mill Ø 40 mm (1" 9/16)
- Hex wrench: 13 mm

2.2 - Recommended Quick® accessories not included

- Controls for control board UP/DOWN
- Push-button panel
- Foot-operated switch
- Hydraulic-magnetic circuit breaker
- Anchor chain counter
- Control system via RRC radio

3 - Introduction

BEFORE USING THE PRODUCT, PLEASE READ THIS USER'S MANUAL CAREFULLY. IF IN DOUBT, PLEASE CONSULT YOUR QUICK® DEALER.

3.0 - Important notes

This manual features Warning and/or Caution symbols that are important for safety. Please follow the instructions provided.



Warning symbol for dangerous situations.



Caution symbol to prevent direct or indirect damage to the product.

This manual provides boat manufacturers and nautical equipment installers with instructions on how to assemble the specified Quick® product and operate it correctly.



3.1 - Precautions



Quick® windlasses are designed and manufactured to weigh the anchor.

- Do not use these products for any other type of operation.
 - Quick® shall not be held liable for direct or indirect damage caused by improper use of the product.
 - The windlass is not designed to support loads generated in particular weather conditions (storm).
 - **Weighing the anchor: switch on the boat's engine.**
 - Operate the product from a position where it is possible to supervise the work area.
 - Always deactivate the windlass when not being used.
 - Make sure that there are no bathers nearby before dropping the anchor.
 - The splice between the rope and the chain must be tightly woven for the rope to slide easily into the gypsy shape.
- For any problem or request, feel free to contact Quick® Technical Service.
- For improved safety, we recommend installing at least two controls to operate the windlass in case one is damaged.
 - We recommend the use of Quick® switch as motor safety device.
 - Secure the chain with a retainer before sailing off.
 - The reversing contactor box must be installed in a position protected from any water entry.
 - After completing the anchorage, secure the chain to fixed points such as chain stopper or bollard.
 - To prevent accidental releases, the anchor must be secured. The windlass must not be used as sole securing device.
 - Isolate the windlass from the electrical system during navigation and secure the rope to a fixed point of the boat.
 - This equipment is not intended for use by people (including children) with reduced physical, sensory or mental capabilities.

3.2- Precautions for the installer



CARRY OUT THE INSTALLATION IN GOOD LIGHTING CONDITIONS.

It is advisable to wear suitable clothing and personal protective equipment (PPE).

The product is not suitable for installation in potentially explosive environments and/or atmospheres. Installation and subsequent inspection or repair work must only be carried out by qualified personnel.



CARRY OUT INSTALLATION/MAINTENANCE WORK MAKING SURE THAT THE PRODUCT IS DISCONNECTED FROM THE ELECTRICAL SYSTEM.

Quick® accepts no responsibility for inadequate connection of users to the electrical system and inadequate safety of the electrical system.



4.0 - Installation requirements

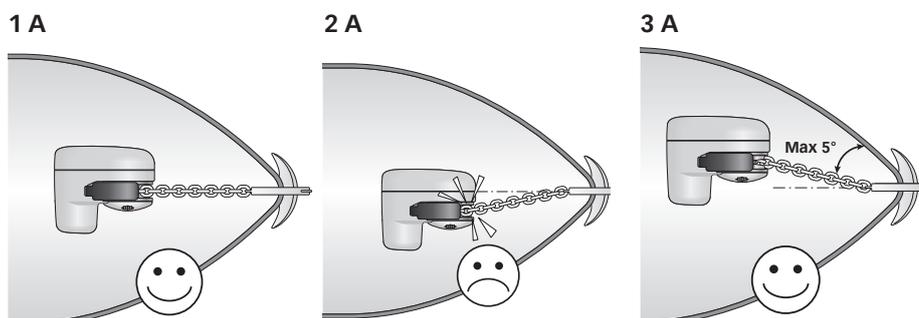
A ROLLER ALIGNMENT

Precise alignment of the windlass is essential for the correct operation of the product.

The windlass must be positioned by aligning the gypsy with the bow roller (fig. 1A / 2A).

An excessive negative tilt of the chain could interfere with the windlass base 2A.

A positive chain tilt of up to 5° is allowed (fig. 3A).



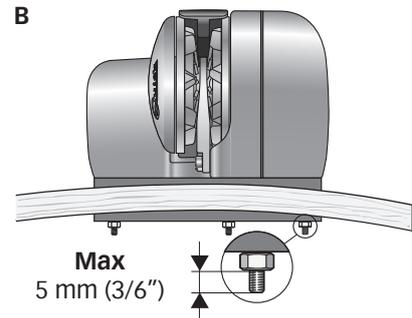


B DECK LEVEL

Ensure that the upper and lower surfaces of the deck are as parallel as possible. If this is not the case, compensate the difference appropriately (fig. B).

A lack of parallelism could result in a loss of motor power. The deck thickness must be included among the figures listed in the table.

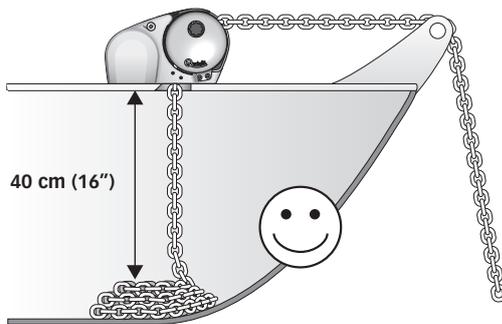
In case of different thickness, please contact your Quick® dealer.



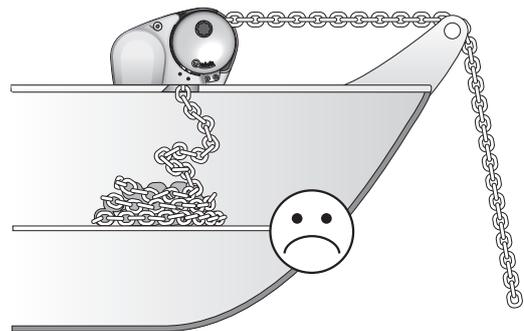
C PEAK DEPTH AND BOW ROLLER HEIGHT

There must be no obstacles to the passage of cables, rope and chain under deck (fig. 1C). Insufficient depth of the peak could cause chain jamming (fig. 2C).

1C



2C



4.1 - Installation procedures

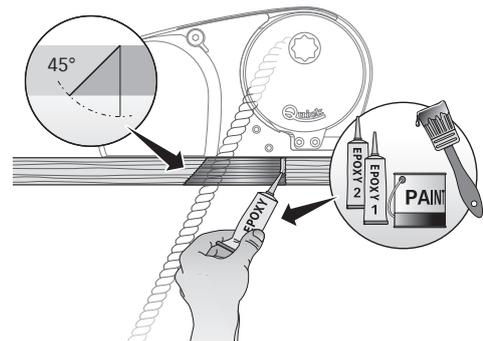
A Identify the ideal position and drill the holes using the drilling template supplied.

B Remove the excess material from the rope/chain passage hole, finish it and smooth it with a specific product (marine paint, epoxy resin or gel) ensuring the free passage of the chain.

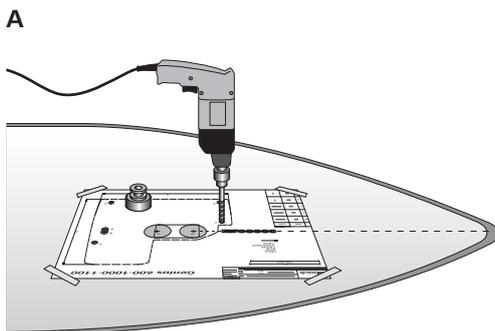
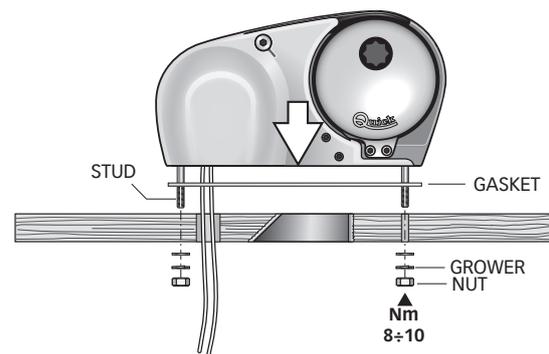
C Position the upper section inserting the gasket between the deck and the base. Fix the windlass by screwing the nuts onto the fixing studs.

Connect the supply cables from the windlass to the reversing contactor unit.

B



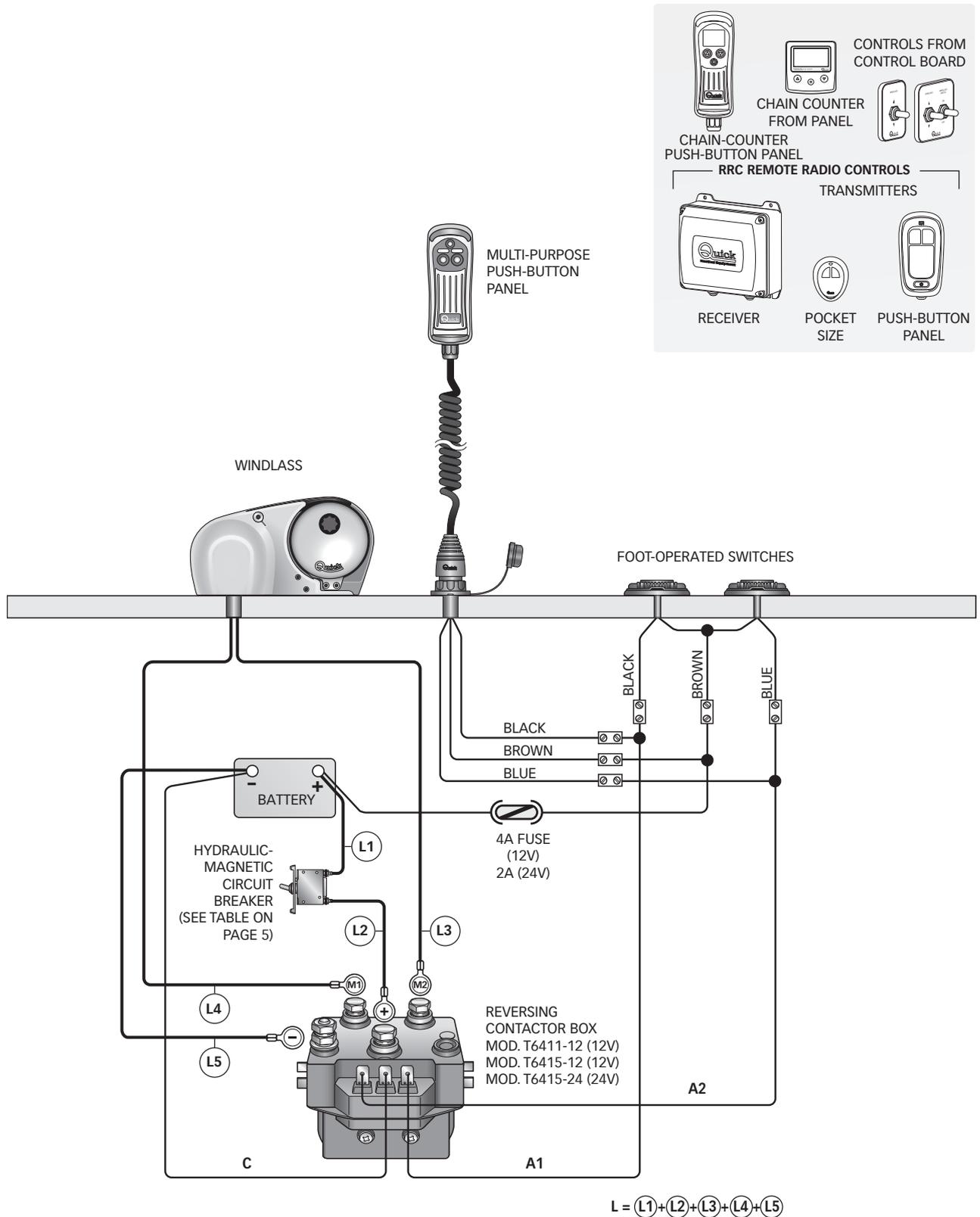
C





5.0 - Example of connection of GP Series

with recommended Quick® accessories for the operation of the windlass





6.0 - Important cautions



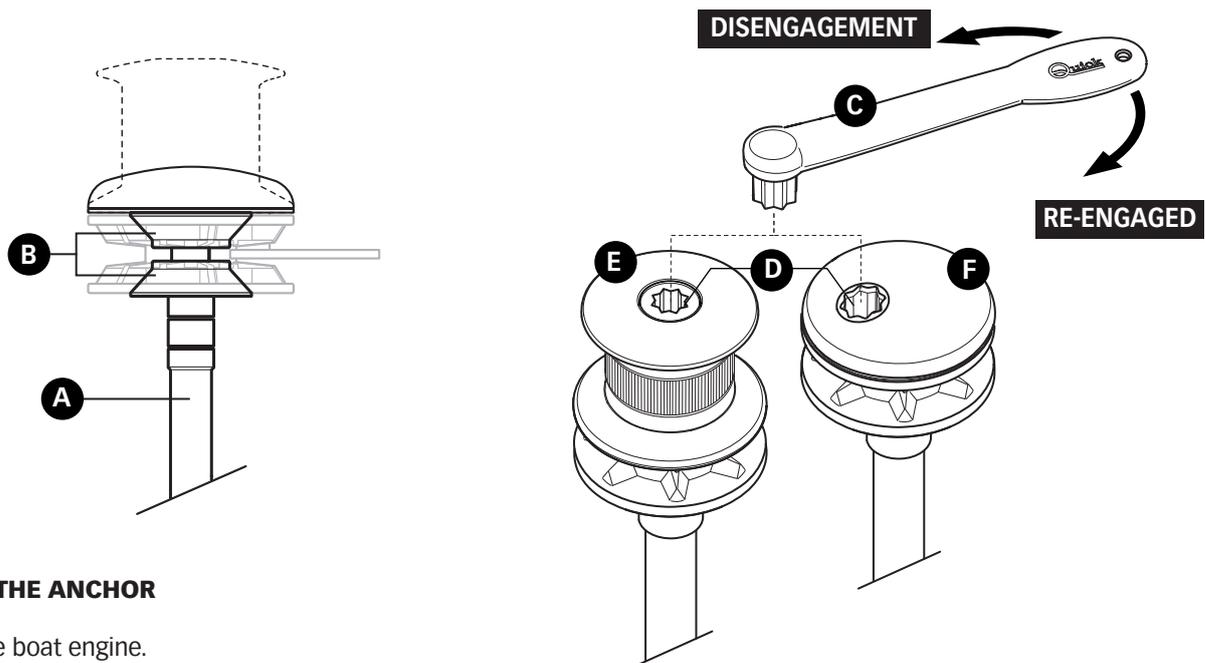
- Stay clear of chains, ropes and gypsy.
- Operate the windlass from a position where it is possible to supervise the work area
- Make sure the electric motor is not powered when the windlass is used manually (even when using the handle to disengage the clutch), because people with windlass remote controls (remote push-button panel or radio control) might accidentally operate it.
- Secure the chain with a retainer before sailing off.
- DO NOT operate the windlass by using the electrical power when the handle is inserted in the drum or into the gypsy cover.



- Quick® recommends using a suitable power fuse/thermal-magnetic/hydraulic-magnetic protection for the motor used, to protect the motor from overheating or short circuits.
- The circuit breaker can be used to isolate the windlass control circuit, thus avoiding accidental activation.

6.1 - Clutch use

The clutch (B) provides a link between the gypsy and the main shaft (A). The clutch can be released (disengagement) by using handle (C) which, when inserted into bush (D) of the drum (E) or into the gypsy cover (F), must be turned counter-clockwise. The clutch will be re-engaged by turning it clockwise.



WEIGHING THE ANCHOR

- Turn on the boat engine.
- Make sure the clutch is engaged and remove the handle.
- Press the UP button on the control provided. (*)



Check the upward movement of the chain for the last few meters in order to avoid damage to the bow.

CASTING THE ANCHOR

The anchor can be cast by using the electrical controls or manually.

Manually

The clutch must be disengaged allowing the gypsy to revolve and letting the chain or rope fall into the water. To slow down the chain, the handle must be turned counter-clockwise.

Electrically

To cast the anchor by using the electrical power, press the DOWN button on the control provided. In this manner, anchor casting is under control and the chain unwinds evenly.



In order to avoid any stress on the windlass once the boat is anchored, fasten the chain or secure it to a safe point by means of a rope.



6.2 - Use of the drum 1200/1500/2000

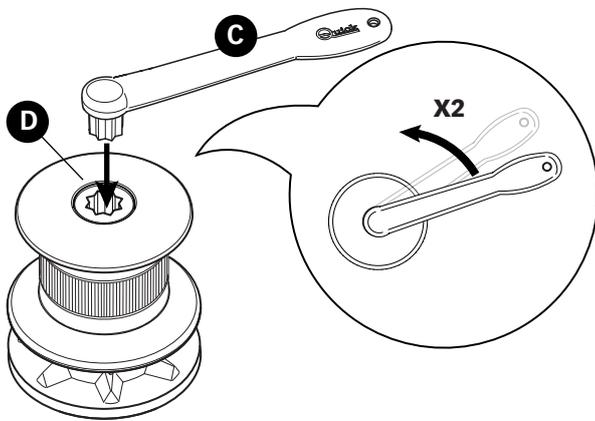


WARNING: before any warping operation, ensure that the anchor and its rope or chain are securely fastened to a bollard or other strong point on the boat.

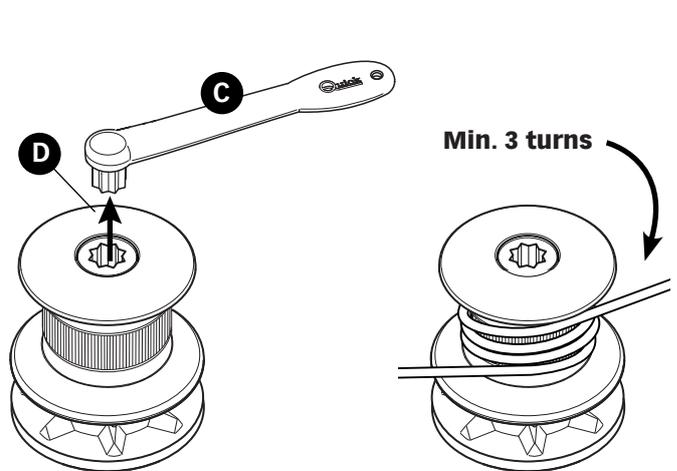


WARNING: during recovery, keep a suitable safety distance between your hands and the windlass drum.

1. Open the clutch with the lever (C), (at least 2 turns of the bush (D) counter-clockwise).



2. Remove the lever from the bush (D), wind the rope over the drum (at least 3 turns).



3. Activate the windlass control by keeping the rope under tension during the recovery. By varying this tension during recovery, it is possible to change the winding speed of the rope.

6.3 - Troubleshooting

If the windlass stops and the hydraulic magnetic (or thermal magnetic) switch has not tripped, wait a few seconds and try again (avoid keeping the button pressed). *ref. page 10

If the hydraulic magnetic switch, has tripped, reset it and wait a few minutes before weighing anchor once again.

If, after a number of attempts, the windlass is still blocked, we suggest to move the boat to release the anchor.

6.4 - Automatic free fall system



WARNING: the automatic system must be activated or deactivated with the clutch closed (engaged) in order to avoid possible malfunctions of the electromechanical parts.

TURNING THE AUTOMATIC FREE FALL SYSTEM ON

This procedure activates the automatic free fall system.

- Turn cover **A** until hole for pin **B** is facing up (as in fig. 1).
- Cut windlass power supply.
- Lock chain using a stopper.
- Pull knob **C** until pin **B** comes fully out (as in fig.2).
- Ensure clutch is closed (engaged).
- Release the chain.
- Restore windlass power supply.

By holding down the DOWN button of the control at your disposal, the clutch is opened (disengaged) and the gypsy rotates freely in relation to its axis.

By holding down the UP button of the control at your disposal, the clutch is closed (engaged) and the gypsy stays fixed to its axis.

Casting the anchor with automatic free fall system

With the automatic system activated, press and hold the DOWN button of the control at your disposal until the point where the anchor can free fall without any constraints, then release the button.

To slow or stop the anchor's fall, press and hold the UP button on the control at your disposal until the desired effect is obtained.

Weighing the anchor with automatic free fall system

Carry out the procedure as described in the paragraph 6.1 - WEIGHING THE ANCHOR.

TURNING THE AUTOMATIC FREE FALL SYSTEM OFF

This procedure deactivates the automatic free fall system.

- Turn cover **A** until hole for pin **B** is facing up (as in fig. 1).
- Cut windlass power supply.
- Lock chain using a stopper.
- Using a suitable tool, press pin **B** towards gypsy centre (as in fig. 3).
- Ensure clutch is closed (engaged).
- Release the chain.
- Restore windlass power supply.

With the automatic free fall system deactivated, the chain can only be lowered with electrical drive or manually (see section 6.1 - CLUTCH USE).

FIG.1

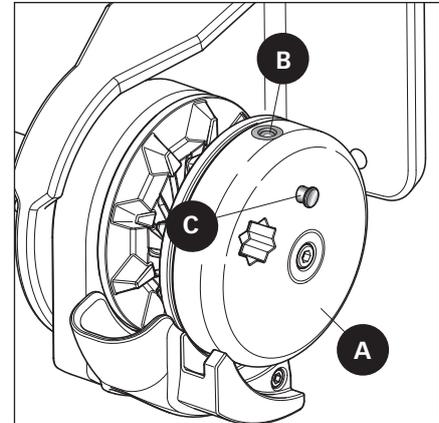


FIG.2

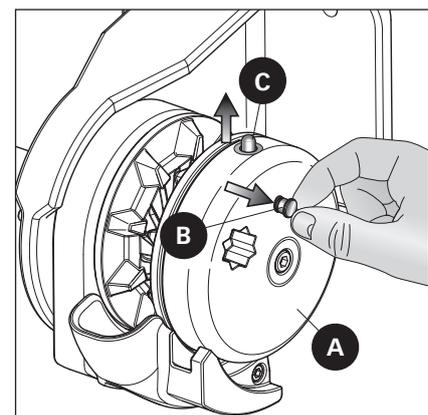
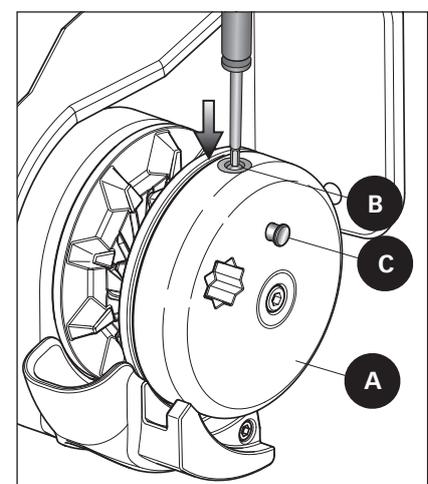


FIG.3





WARNING: make sure the electrical power to the motor is switched off when working manually on the windlass. Carefully remove the chain from the gypsy or the rope from the drum.

Quick® windlasses are made of materials resistant to the marine environment: it is essential, in any case, to periodically remove salt deposits that form on the external surfaces to avoid corrosion and consequently damage to the device. Thoroughly wash the surfaces and parts where salt can deposit with fresh water.

Once a year, disassemble the gypsy and the drum according to the following sequence:



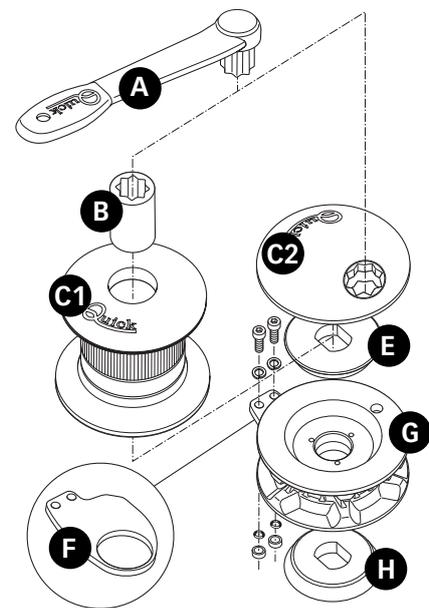
WARNING: make sure that the anchor and its rope or chain are securely fastened to a bollard or other strong point on the boat.

Drum version

- Use the handle (A) to loosen the bush (B); pull off the drum (C1)
- Remove the top clutch cone (D)
- Undo the retaining screws (E) to remove the chain stripper (F)
- Remove the gypsy (G)
- Remove the bottom clutch cone (H)

No-drum version

- Use the handle (A) to remove the gypsy cover (C1)
- Remove the top clutch cone (D)
- Undo the retaining screws (E) to remove the chain stripper (F)
- Remove the gypsy (G)
- Remove the bottom clutch cone (H)



Clean all the parts removed to avoid corrosion, and grease (with marine grease) the shaft thread and the gypsy where the clutch cones rest.

Remove any oxide deposits from the terminals of the electric motor and the reversing contactor unit; grease them.



If required, windlass must be disassembled by qualified personnel.

Make sure that the motor gearbox is cold before disassembling it.

The disposal must be carried out according to the regulations of the place where the work is carried out.



As with installation, at the end of this product life, dismantling must be carried out by qualified personnel.

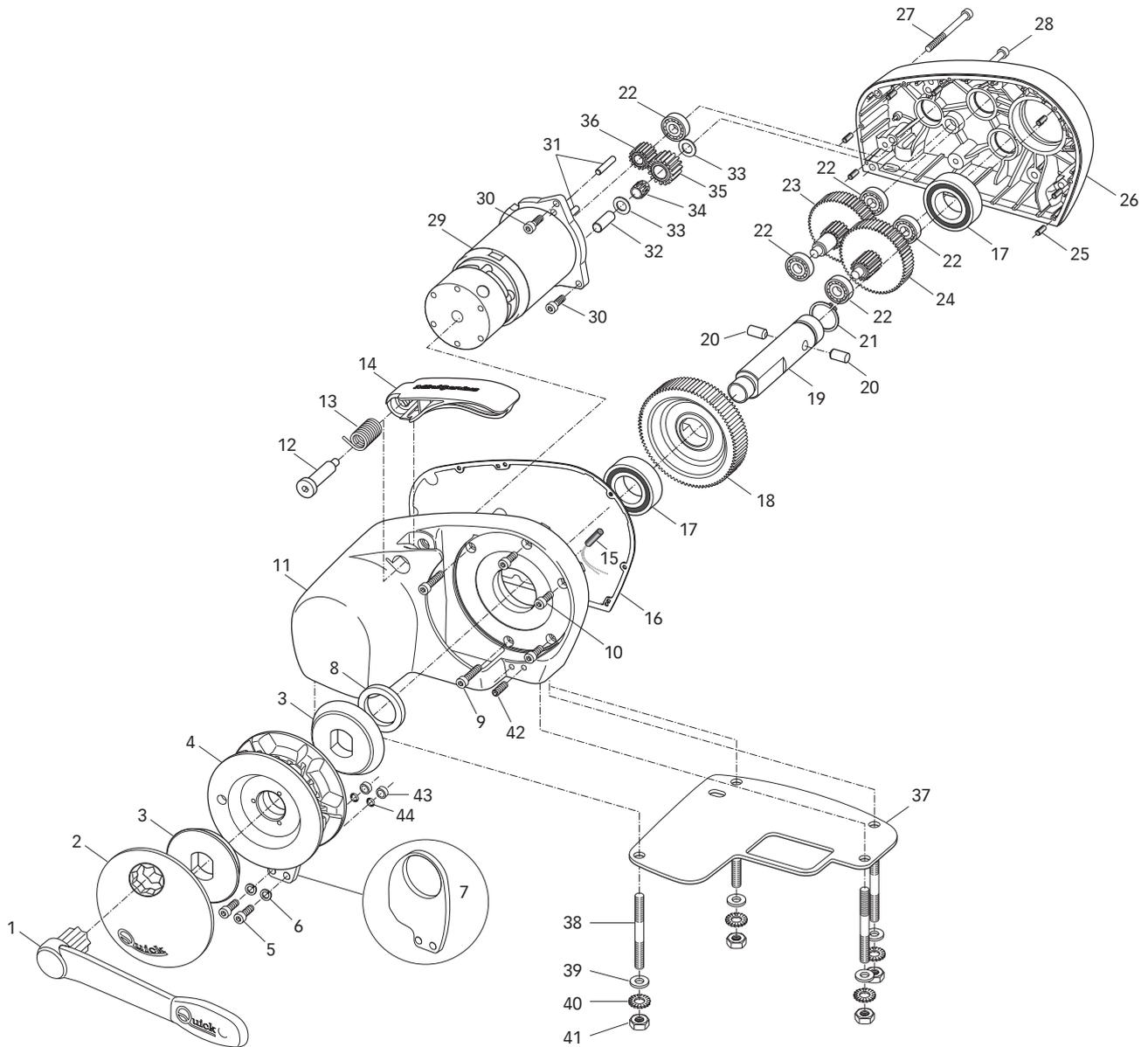
This product is made up of various materials, some can be recycled and others must be suitably disposed of; enquire about the recycling or disposal systems provided for by local regulations for this product category.

Some parts of the product may contain pollutants or hazardous substances that, if dispersed, may be harmful to the environment and human health.

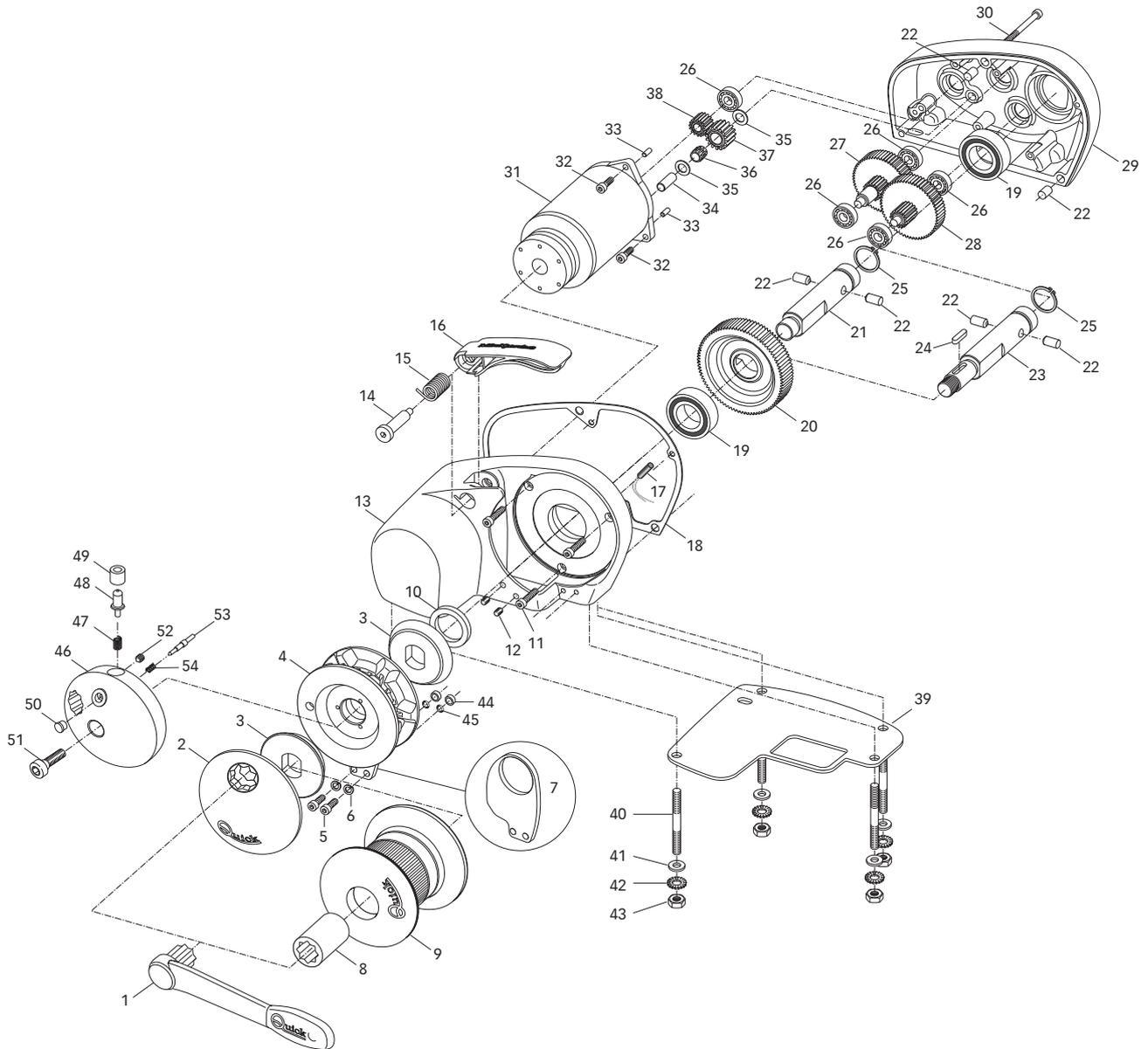


As indicated by the symbol on the side, it is forbidden to dispose of this product as domestic waste.

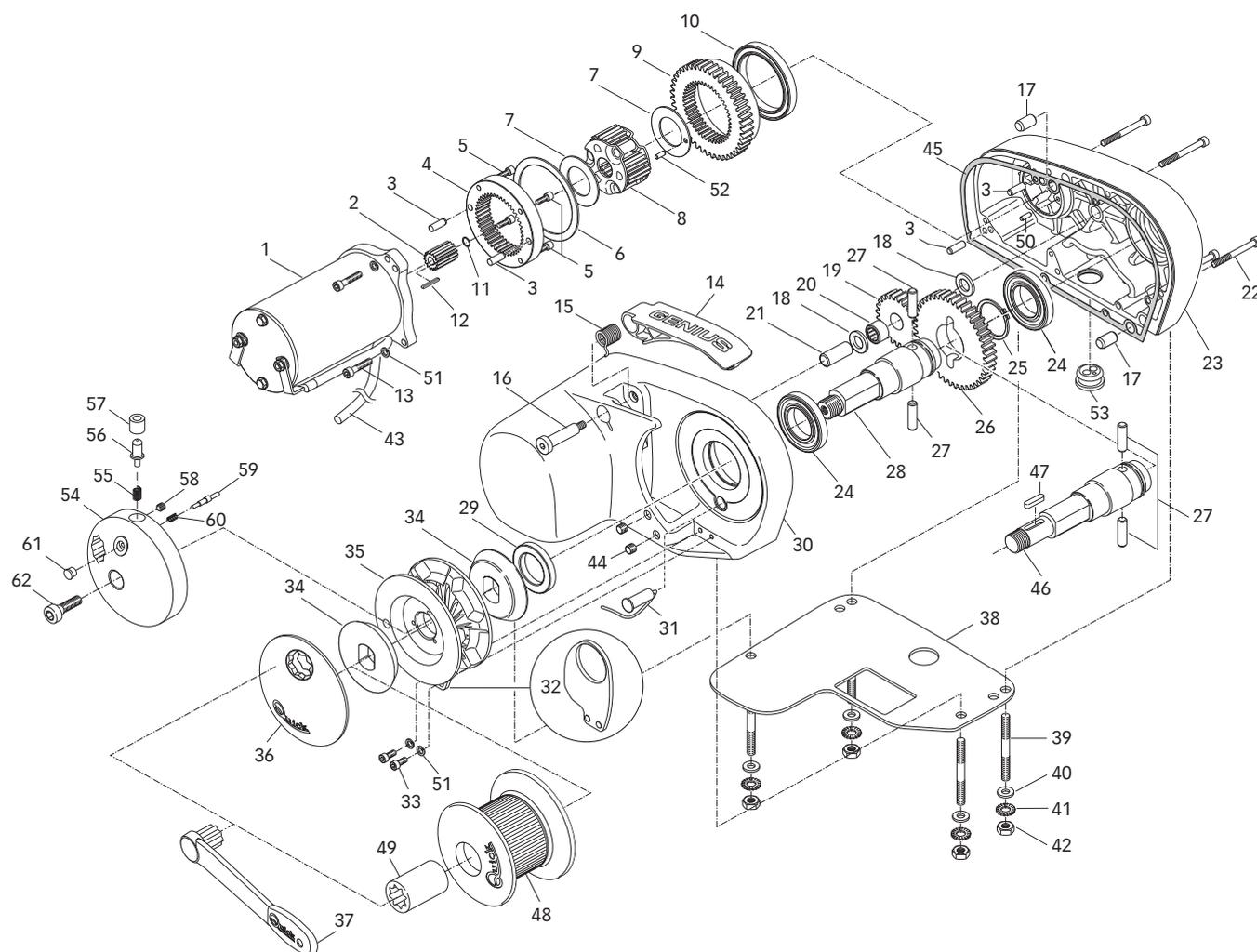
Separate the products for disposal in accordance with the regulations in force in your area or return the product to the seller when purchasing a new equivalent product. Local regulations may impose severe penalties for the improper disposal of this product.



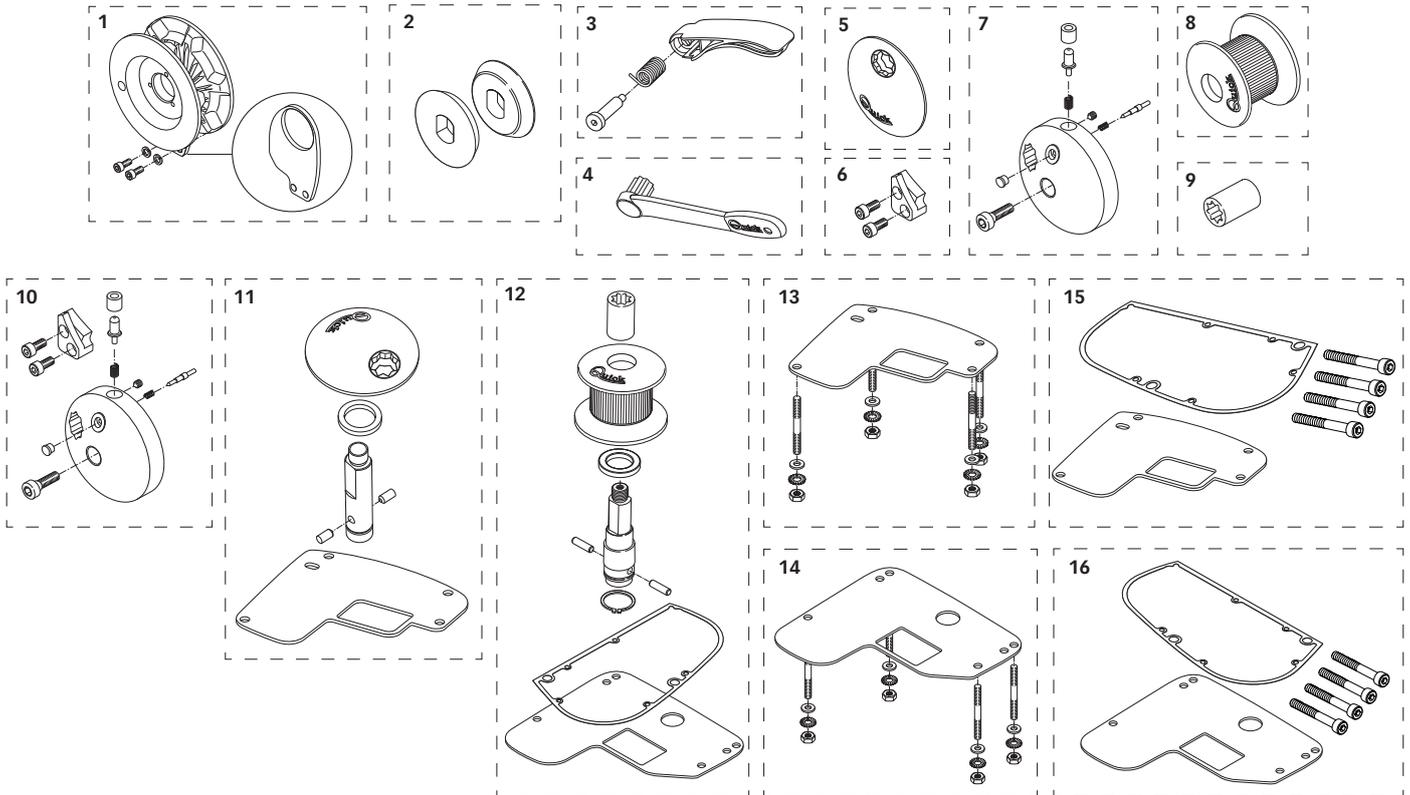
No.	NAME				
1	WINDLASS LEVER - NYLON	16	CASING GASKET 150W	35	GEAR
2	GYPSY COVER	17	BEARING	36	CRANKSHAFT WHEEL
3	CLUTCH CONE	18	OUTPUT SHAFT GEAR	37	GASKET
4 A	GYPSY 6 MM	19	SHAFT	38	STUDS
4B	GYPSY 7 MM - 1/4"	20	PIN	39	WASHER
4C	GYPSY 8 MM	21	EXTERNAL SNAP RING	40	SERRATED WASHER
4D	GYPSY 5/16"	22	BEARING	41	NUT
5	SCREW	23	GEAR	42	HEXAGON HOLLOW CYLINDRICAL SCREW
6	GROWER	24	GEAR	43	SPACER
7	CHAIN STRIPPER	25	PIN	44	O-RING
8	OIL SEAL	26	WINDLASS BASE		
9	SCREW	27	SCREW		
10	SCREW	28	SCREW		
11	WINDLASS COVER	29	MOTOR		
12	PRESSURE LEVER SCREW	30	SCREW		
13	PRESSURE LEVER SPRING	31	PRESSURE LEVER PIN		
14	PRESSURE LEVER	32	PIN		
15	REED SENSOR	33	WASHER		
		34	ROLLER SHELL		



No.	NAME	No.	NAME	No.	NAME
1	WINDLASS LEVER - NYLON	17	REED SENSOR	37	GEAR
2	GYPSY COVER	18	CASING GASKET	38	CRANKSHAFT GEAR
3	WINDLASS CLUTCH CONE	19	BEARING	39	GASKET
4 A	GYPSY 6 MM	20	OUTPUT SHAFT Z88 GEAR	40	STUDS
4 B	GYPSY 7 MM - 1/4"	21	SERIES SHAFT	41	WASHER
4 C	GYPSY 8 MM	22	SPINA 8X16	42	SERRATED WASHER
4 D	GYPSY 5/16"	23	SERIES LONG SHAFT	43	NUT
5	SCREW	24	KEY	44	SPACER
6	GROWER	25	EXTERNAL SNAP RING	45	O-RING
7	CHAIN STRIPPER	26	BEARING	46	GYPSY COVER FF
8	BUSH	27	GEAR	47	SPRING
9	DRUM	28	GEAR	48	BRAKE PIN
10	OIL SEAL	29	WINDLASS BASE	49	BRAKE PIN COVER
11	SCREW	30	SCREW	50	KNOB
12	GRUB SCREW	31	MOTOR	51	SCREW
13	WINDLASS COVER	32	SCREW	52	DOWEL
14	PRESSURE LEVER SCREW	33	PIN	53	PIN
15	PRESSURE LEVER SPRING	34	PIN	54	SPRING
16	PRESSURE LEVER	35	WASHER		
		36	ROLLER SHELL		

**No. NAME**

1 A	MOTOR 800W 12V	24	BEARING	47	KEY
1B	MOTOR 800W 24V	25	SNAP RING	48	DRUM
1C	MOTOR 500W 12V	26	OUTPUT GEAR	49	BUSH
2	SOLAR GEAR	27	PIN	50	PIN
3	PIN	28	SHORT SHAFT	51	GROWER
4	FIXED CROWN	29	OIL SEAL	52	PIN
5	SCREW	30	WINDLASS COVER	53	CABLE GLAND
6	RING Ø 80	31	ASSEMBLED REED SENSOR	54	GYPSY COVER FF
7	FIFTH WHEEL	32	CHAIN STRIPPER	55	SPRING
8	PLANETARY GROUP	33	SCREW	56	BRAKE PIN
9	MOBILE CROWN	34	WINDLASS CLUTCH CONE	57	BRAKE PIN COVER
10	BEARING	35 A	GYPSY "GP2" 6 MM	58	DOWEL
11	SNAP RING	35B	GYPSY "GP2" 7 MM - 1/4"	59	PIN
12	KEY	35C	GYPSY "GP2" 8 MM	60	SPRING
13	SCREW	35D	GYPSY "GP2" 5/16"	61	KNOB
14	PRESSURE LEVER	36	GYPSY COVER	62	SCREW
15	PRESSURE LEVER SPRING	37	NYLON WINDLASS LEVER		
16	PRESSURE LEVER SCREW	38	GASKET/TEMPLATE		
17	PIN	39	STUD		
18	WASHER	40	WASHER		
19	IDLE GEAR	41	SERRATED WASHER		
20	BEARING	42	NUT		
21	PIN	43	CABLE		
22	SCREW	44	SCREW		
23	WINDLASS BASE	45	CASING GASKET		
		46	LONG SHAFT		

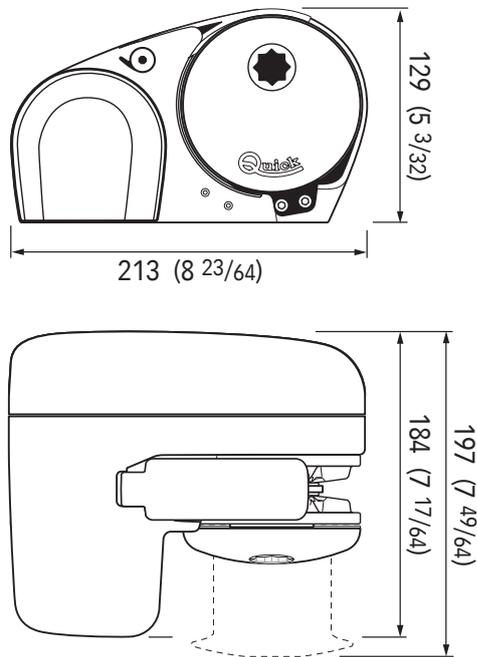


POS. NAME

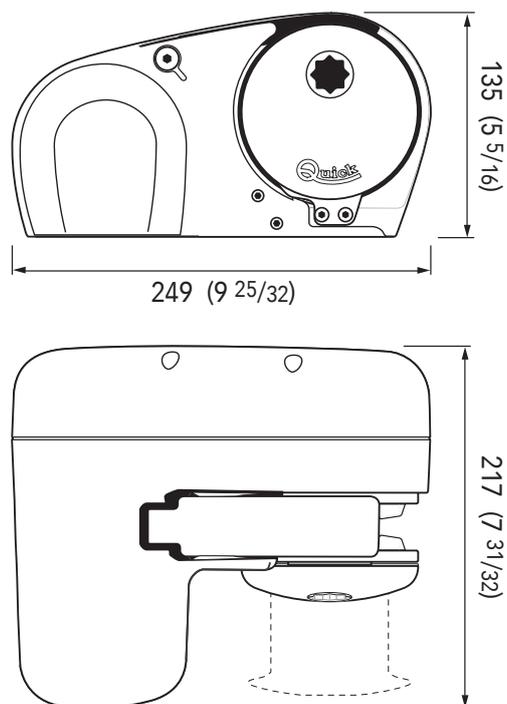
1 A	OSP GYPSY GP2 500/1200 5/16"	FVSSB070516MA00	6 A	OSP PIN GUIDE KIT GP2 500/1200 FF	FVSSGPGFFS00A00
1 B	OSP GYPSY GP2 500/1200 6MM	FVSSB0706G0MA00	6 B	OSP PIN GUIDE KIT GP2 FF 1500/2000	FVSSGPGFF000A00
1 C	OSP GYPSY GP2 500/1200 7MM-1/4"	FVSSB070714MA00	7	OSP GYPSY COVER "GP2" FF COMPLETE	FVSSCPBBGFF0A00
1 D	OSP GYPSY GP2 500/1200 8MM	FVSSB0708G0MA00	8	OSP WINDLASS DRUM "SERIES 2" STAINLESS STEEL	FVSSMSE0800XA00
1 E	OSP GYPSY GP2 500/1200 ROPE	FVSSB07CMG00A00	9	OSP DRUM BUSH "SERIES 1-2"	FVSSGMSDCP05000
1 F	OSP GYPSY GP2 1500/2000 6MM	FVSSBGP20006A00	10 A	OSP TRANS. KIT 1200 GP2 FF	FVSSGP1200FFA00
1 G	OSP GYPSY GP2 1500/2000 8MM	FVSSBGP20008A00	10 B	OSP TRANS. KIT 1500/2000 GP2 FF	FVSSGP1520FFA00
1 H	OSP GYPSY GP2 1500/2000 7MM-1/4"	FVSSBGP20714A00	11 A	OSP TRANS. KIT WITHOUT DRUM 500/1200 GP2	FVSSGP051200A00
1 I	OSP GYPSY GP2 1500/2000 5/16"	FVSSBGP20516A00	11 B	OSP TRANS. KIT WITHOUT DRUM 1500/2000 GP2	FVSSGP152000A00
1 M	OSP GYPSY ROPE 1500/2000 GP2	FVSSBGP20CM0A00	12	OSP TRANS. KIT WITH DRUM 1500/2000 GP2	FVSSGP1520D0A00
2	OSP CLUTCH CONE KIT GP2	FVSSCFG00000A00	13	OSP FIXING KIT GP2 500/1200	FVSSFSGP2120A00
3 A	OSP PRESSURE LEVER KIT GP2 500/1200	FVSSTCMG0000A00	14	OSP FIXING KIT GP2 15/2000	FVSSFSGP2200A00
3 B	OSP PRESSURE LEVER KIT GP2 1500/2000	FVSSTCGP2200A00	15	OSP CASING GASKET KIT GP2 500/1200	FVSSGP212GC0A00
4	OSP STRAIGHT NYLON WINDLASS LEVER	FVSSLVSDN000A00	16	OSP CASING GASKET KIT GP2 15/2000	FVSSGP220GC0A00
5	OSP GYPSY COVER "SERIES 2"	FVSSCPBBASG0A00			



GPSeries 500 - 1200 - 1200 D - 1200 FF



GPSeries 1500 - 1500 D - 1500 FF - 2000 - 2000 D - 2000 FF



GENERIC IMAGES

GP Series

REV 000A



GP2 500

GP2 1500

GP2 2000

GP2 1200

GP2 1500 D

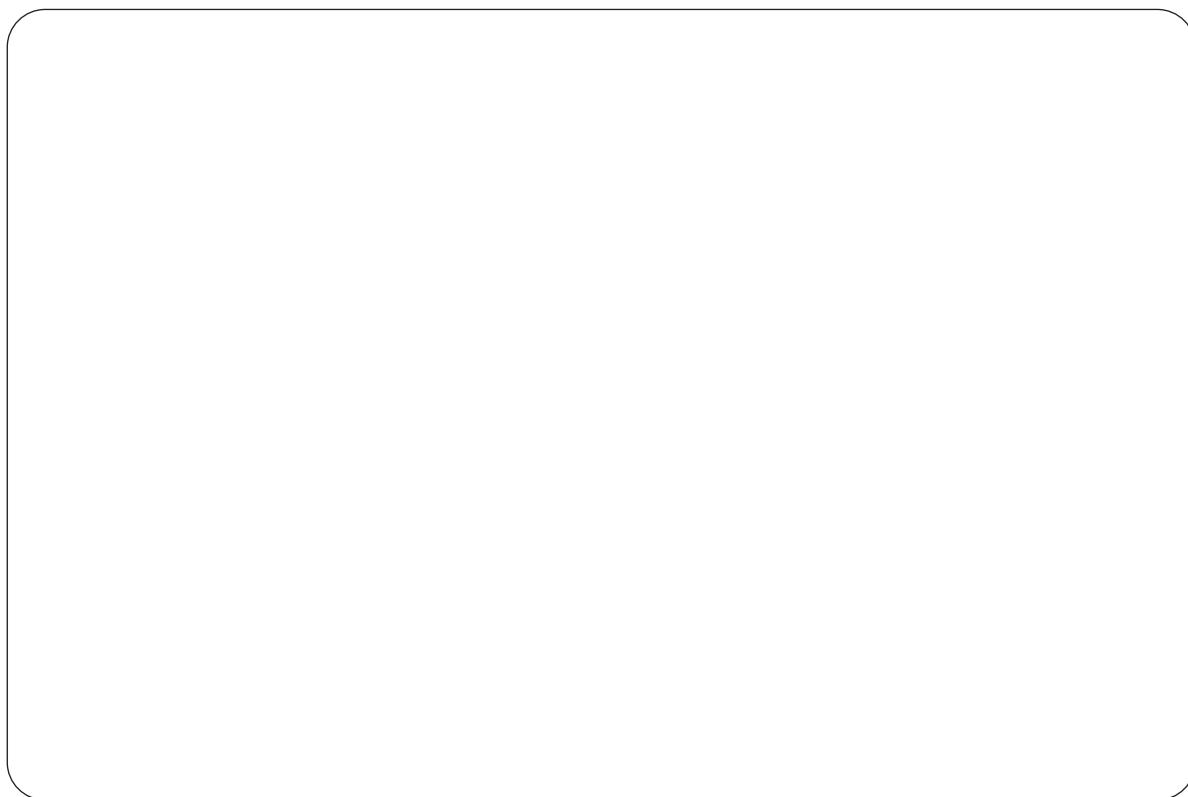
GP2 2000 D

GP2 1200 D

GP2 1500 FF

GP2 2000 FF

GP2 1200 FF



Product serial number

