

Quick®

CE REV 000A

High Quality Nautical Equipment

GP2 GENIUS SERIES

500/1200

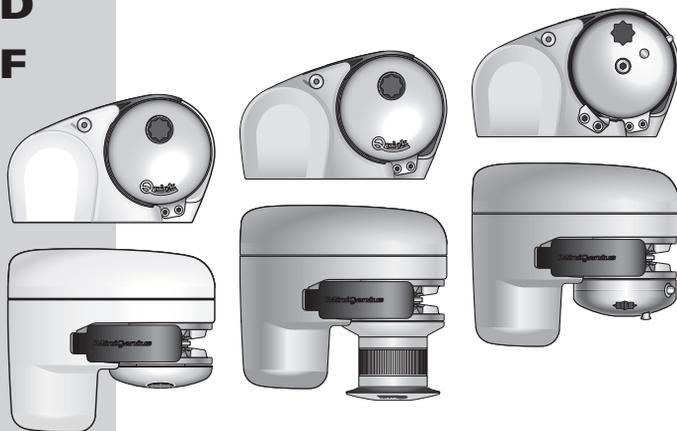
GP2 500

GP2 1200

GP2 1200 D

GP2 1200 F

CIMA E CATENA SU UN UNICO BARBOTIN
ROPE AND CHAIN ON A SINGLE GYPSY
CORDAGE ET CHÂÎNE SUR LE MÊME BARBOTIN
KETTE AUF EINER KOMBINIERTEN KETTENUSS
CABO Y CADENA EN UN ÚNICO BARBOTEN



IT

Manuale d'uso

GB

User's Manual

FR

Manuel de l'utilisateur

DE

Benutzerhandbuch

ES

Manual del usuario

SALPA ANCORA ORIZZONTALI

HORIZONTAL WINDLASSES

GUINDEAUX HORIZONTAL

HORIZONTAL ANKERWINDEN

MOLINETES HORIZONTALES

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ES**INDICE**

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MODELS	GP2 500	GP2 1200 / D - GP2 1200 FF
MOTOR OUTPUT	150W	250W
Motor supply voltage	12V	12V
Maximum pull	220 Kg (485,0 lb)	550 Kg (1212,5 lb)
Maximum working load	70 Kg (154,3 lb)	170 Kg (374,8 lb)
Working load	35 Kg (77,2 lb)	50 Kg (110,2 lb)
Current absorption @ working load (1)	29 A	35 A
Maximum chain speed (2)	38,9 mm (83,7 ft/min)	31,2 mm (102,4 ft/min)
Maximum chain speed @ working load (2)	28,5 mm (33,8 ft/min)	25,1 mm (82,3 ft/min)
Motor cable size (3)	4 mm ² (AWG 12)	10 mm ² (AWG 7)
Protection circuit breaker (4)	40 A	40 A
Deck thickness (5)	20 ÷ 40 mm (3/4" ÷ 1" 9/16)	
Weight mod. without drum	6 kg (22,4 lb)	8 kg (22,4 lb)
Weight mod. with drum	-	9 kg (25,3 lb)
Weight mod. Free Fall	-	10,9 kg (24,0 lb)

(1) After an initial period of use.

(2) Measurements taken with a gypsy for a 8 mm chain.

(3) Minimum allowable value for a total length L < 20m (see pag. 18). Determine the cable size according to the length of the wiring.

(4) With circuit breaker designed for direct currents (DC) and delayed-action (thermal-magnetic or hydraulic-magnetic).

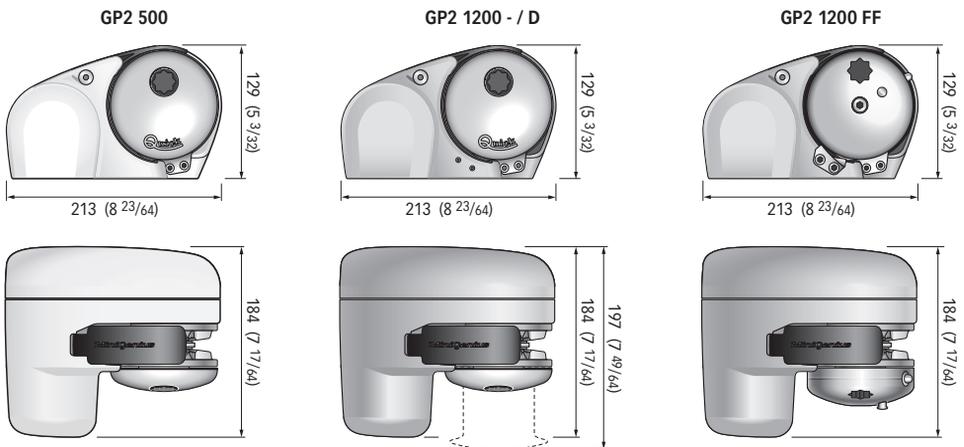
(5) On request, studs can be supplied for greater deck thicknesses.

GYPSY	6 mm		7 mm - 1/4"				8 mm		5/16"
	6 mm	6 mm	7 mm	7 mm	1/4"	1/4"	8 mm	8 mm	5/16"
Chain size	DIN 766	ISO**	DIN 766	ISO**	G4	BBB	DIN 766	ISO**	G4
Rope size *	1/2" (12,7 mm)		1/2" (12,7 mm)		1/2" (12,7 mm)		1/2" (12,7 mm)		1/2" (12,7 mm)

(*) The values in the table regard a three-strand polyester rope with the "Quick®" system rope/chain joint.

(**) ISO EN 818-3.

DIMENSIONS OF MODELS mm (inch)



Quick® reserves the right to introduce changes to the equipment and the contents of this manual without prior notice.

In case of discordance or errors in translation between the translated version and the original text in the Italian language, reference will be made to the Italian or English text.



BEFORE USING THE WINDLASS READ THESE INSTRUCTIONS CAREFULLY. IF IN DOUBT, CONTACT YOUR NEAREST "QUICK®" DEALER.

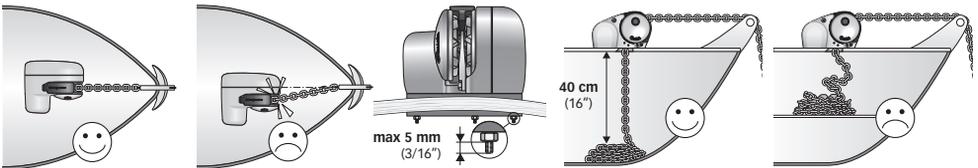
- WARNING:** the Quick® windlasses are designed to weigh the anchor. Do not use the equipment for other purposes.
- Quick® shall not be held responsible for damage to equipment and/or personal injury, caused by a faulty use of the equipment. The windlass is not designed for the loads that might occur in extreme weather conditions (storms).
- Always deactivate the windlass when not in use. Check that there are no swimmers nearby before dropping 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 anchor windlass controls in case one is accidentally damaged. We recommend the use of the Quick® hydraulic-magnetic switch as the motor safety switch. Secure the chain with a further device before starting the navigation.
- The contactor unit or reversing contactor unit must be installed in a point protected from accidental water contact.
- After completing the anchorage, secure the chain or rope to fixed points such as chain stopper or bollard.
- To prevent accidental releases, the anchor must be secured. The windlass shall not be used as the only securing device.
- Isolate the windlass from the power system during navigation (switch the circuit breaker off) and lock the chain securing it to a fixed point of the boat.

THE PACKAGE CONTAINS: windlass - reversing contactor unit - base gasket - drill template - handle - bolts and screws (for assembly) - user's manual - conditions of warranty.

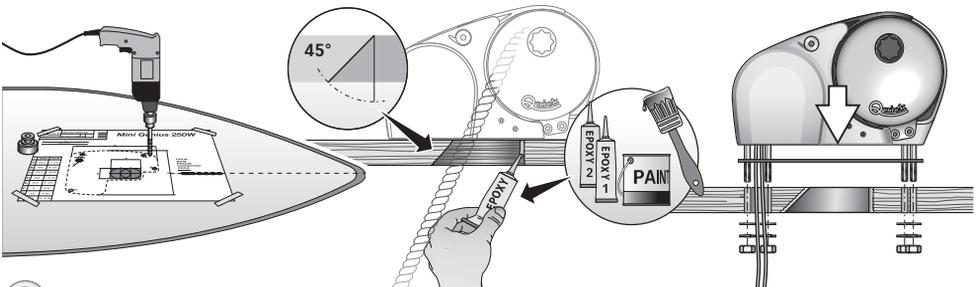
TOOLS REQUIRED FOR INSTALLATION: drill and drill bits: Ø 9 mm (23/64") and Ø 11 mm (7/16") - Ø 40 (1" 9/16) hollow mill; hexagonal wrench: 13 mm.

"QUICK®"ACCESSORIES RECOMMENDED: anchoring RL control board (mod. 800) - Waterproof hand holds R/C (mod. HRC 1002) - Foot switch (mod. 900) - Hydraulic-magnetic circuit breaker - Anchor chain counter (mod. CHC 1102M and CHC1202M) - Radio control RRC (mod. R02, P02, H02).

INSTALLATION REQUIREMENTS: the windlass must be positioned with the gypsy aligned with the bow roller. 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 (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 cases of other thicknesses it is necessary to consult a Quick® retailer. There must be no obstacles under deck to the passage of cables, rope and chain; lack of depth of the peak could cause jamming.



FITTING PROCEDURE: when the ideal position has been established, drill four holes using the drilling template provided. Remove excess material from the chain through hole, ensuring the free passage of the chain or rope. Position the windlass lowering it from above deck and inserting the gasket between the deck and the base. Screw the stud bolts, using the short threaded end, onto the base. Apply a medium grade locking product onto the thread. Fix the windlass by screwing the nuts onto the fixing studs. Connect the supply cables from the windlass to the reversing contactor unit.



- WARNING:** before wiring up, be sure the electrical cables are not live.



BASIC SYSTEM

MULTI-PURPOSE
WATERTIGHT HAND HELD
REMOTE CONTROL
MOD. HRC 1002

WINDLASS

QUICK® ACCESSORIES FOR WINDLASS OPERATION



WATERTIGHT HAND HELD
CHAIN COUNTER

WINDLASSES
CONTROL
BOARD

WATERTIGHT
PANEL
CHAIN COUNTER



REMOTE RADIO CONTROLS

RECEIVERS

TRANSMITTERS

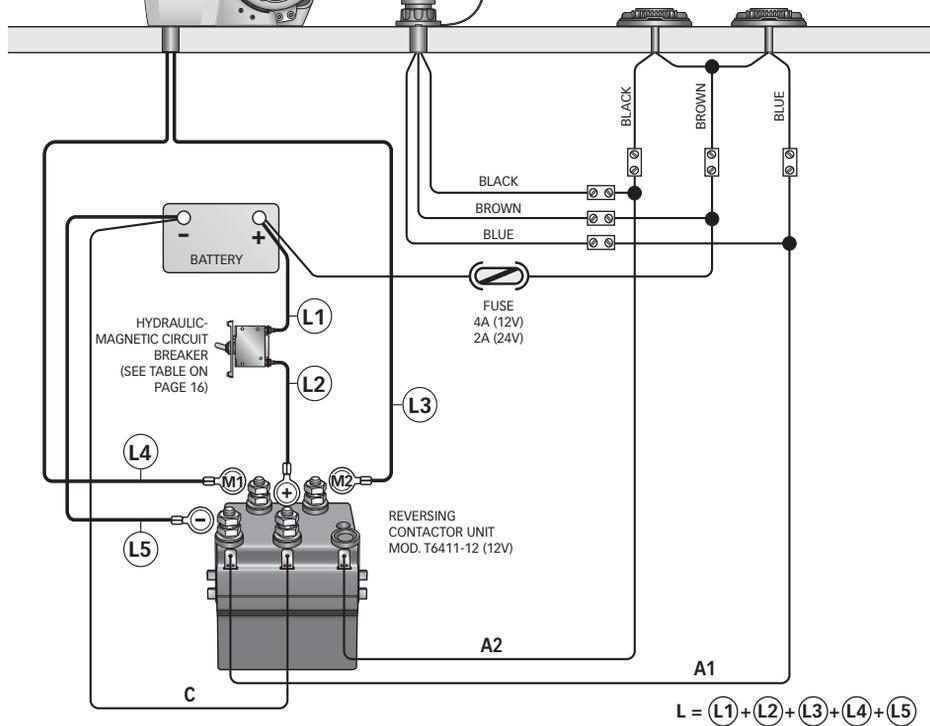


POCKET



HANDHELD

FOOT SWITCHES MOD. 900U AND 900D





-  **WARNING:** stay clear of the chains, ropes and gypsy. Make sure the electric motor is off when windlass is used manually (even when using the handle to disengage the clutch). In fact people with windlass remote controls (hand-held remote control or radio-controlled systems) might accidentally operate it.
-  **WARNING:** secure the chain with a device before starting the navigation.
-  **WARNING:** do not operate the windlass by using the electrical power when the handle is inserted in the drum or into the gypsy cover.
-  **WARNING:** Quick® recommend using a circuit breaker designed for direct current (DC) with delayed-action (thermal-magnetic or hydraulic-magnetic) to protect the motor supply line from overheating or short circuits. The circuit breaker can be used to cut off power to the windlass control circuit and so avoid accidental activation.

CLUTCH USE

MOD. FF (see drawing on page 21)

The clutch (**N**) provides a link between the gypsy and the main shaft (**A**). The clutch can be released (disengagement) by using the handle (1) which, when inserted into the gypsy cover (**N**), must be turned counter-clockwise. The clutch will be re-engaged by turning it clockwise.

MOD. 500/1200 (see drawings on pages 22 and 24)

The clutch (3) provides a link between the gypsy and the main shaft (mod.500 = 19 - mod.1200 = 21 or 23). The clutch can be released (disengagement) by using the handle (1) which, when inserted in the bush (8) of the drum or into the gypsy cover (2), must be turned counter-clockwise. The clutch will be re-engaged by turning it clockwise.

WEIGHING THE ANCHOR

Turn on the engine. Make sure the clutch is engaged and remove the handle. Press the UP button on the control provided. If the windlass stops and the hydraulic magnetic switch (or thermal cutout) has not tripped, wait a few seconds and try again (avoid keeping the button pressed). 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. Check the upward movement of the chain for the last few meters in order to avoid damages to the bow.

CASTING THE ANCHOR

The anchor can be cast by using the electrical control or manually. To operate manually, the clutch must be disengaged allowing the gypsy to revolve and letting the rope or chain fall into the water. To slow down the chain, the handle must be turned clockwise. 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 and rope unwind evenly. In order to avoid any stress on the windlass -once the boat is anchored- fasten the chain or secure it in place with a rope.

DRUM USE MOD. 1200 D (see drawing on page 24)

-  **WARNING:** before carrying out warping operations, check that the anchor and relative rope or chain are solidly fixed to a bitt or another strong point on the boat.

For the independent use of the drum (9) release the clutch with the handle (1), (at least 2 turns of the bush anticlockwise). Remove the handle from the bush (8) on the gypsy, wrap the rope around the drum (at least 3 turns). Activate the windlass control, keeping the rope under tension during take up. By varying the tension during take up it is possible to modify the rope winding speed.

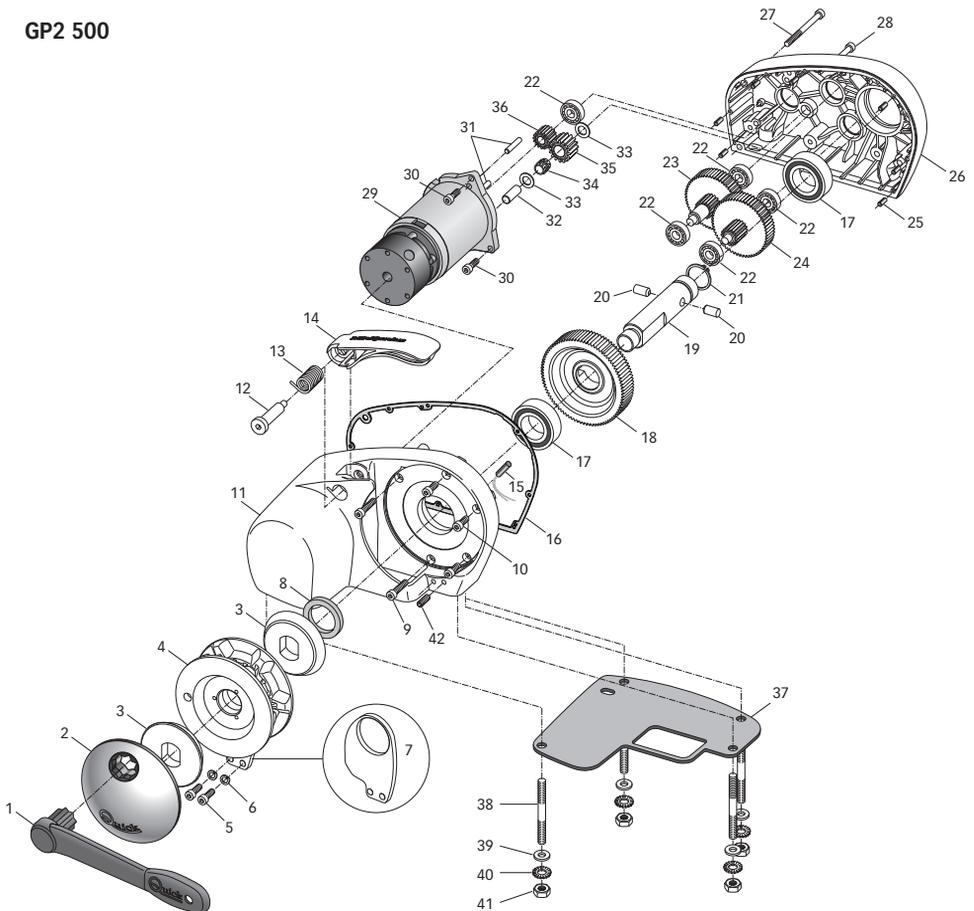
-  **WARNING:** during take up maintain a safe distance between hands and windlass drum.

Once take up is complete, screw up the clutch by tightening the drum bush clockwise and secure the rope to a bitt or other strong point on the boat.



POS.	DESCRIPTION		
1	Straight windlass lever - nylon	5	Screw
2	Gypsy cover	6	Grower
3	Windlass clutch cone	7	Rope/chain stripper
4A	Gypsy 6 mm	8	Oil seal
4B	Gypsy 7 mm - 1/4"	9	Screw
4C	Gypsy 8 mm	10	Screw
4D	Gypsy 5/16"		

GP2 500





POS.	DESCRIPTION
11	White plastic 150 windlass cover
12	Screw for pressure lever
13	Spring for pressure lever
14	Pressure lever
15	Sensor
16	Gasket watertight
17	Bearing
18	Output gear
19	Shaft series
20	Plug
21	Circlip
22	Bearing
23	Gear
24	Gear
25	Plug
26	White plastic 150 windlass base
27	Screw
28	Screw
29	Motor
30	Screw
31	Mooring rope puller pin
32	Plug
33	Washer
34	Roller bearing cage
35	Gear wheel
36	Gear motor shaft
37	Gasket/jig
38	Studs
39	Washer
40	Spring washer
41	Nut
42	Hexagonal cheese-headed screw



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.

Quick® windlasses are manufactured with materials resistant to marine environments. In any case, any salt deposits on the outside must be removed periodically to avoid corrosion and damage to the equipment. The parts where salt may have built up should be washed thoroughly with fresh water.

Once a year, the drum and the gypsy are to be taken apart as follows:

MOD. 500

Use the handle (1) to remove the gypsy cover (2); remove the top clutch cone (3); loosen the fixing screws (5) of the chain stripper (7) and remove it and pull off the gypsy (4).

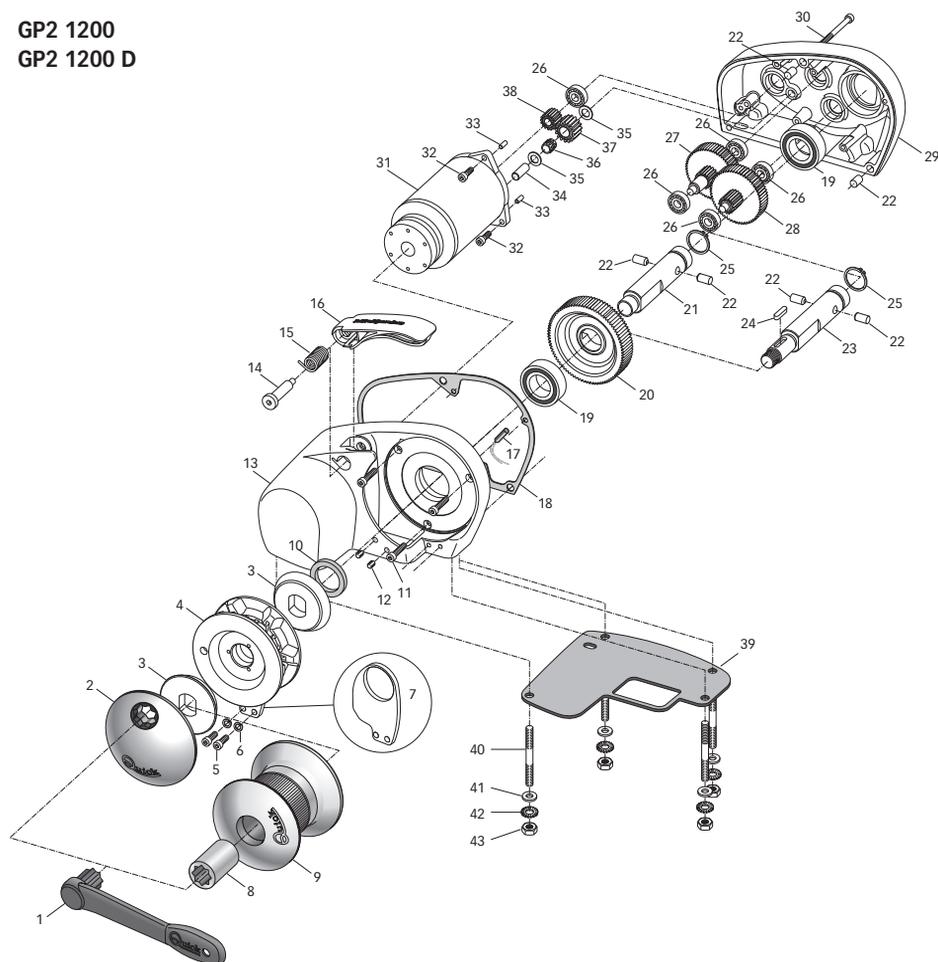
Clean all the parts removed to avoid corrosion, and grease the shaft thread (19) and the gypsy (4) where the clutch cones (3) rest (use grease suitable for marine environment) .

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



POS.	DESCRIPTION		
1	Windlass lever - Nylon	5	Screw
2	Gypsy cove	6	Grower
3	Windlass clutch cone	7	Rope/chain stripper
4A	Gypsy 6 mm	8	Bush
4B	Gypsy 7 mm - 1/4"	9	Drum
4C	Gypsy 8 mm	10	Oil seal
4D	Gypsy 5/16"	11	Screw

GP2 1200 GP2 1200 D





POS.	DESCRIPTION
12	Screw
13	Anodized windlass cover
14	Screw for pressure lever
15	Spring for pressure lever
16	Pressure lever
17	Sensor
18	Gasket watertight
19	Bearing
20	Output gear
21	Shaft series
22	Plug
23	Long shaft series
24	Key
25	Circlip
26	Bearing
27	Gear
28	Gear
29	Anodized windlass base
30	Screw
31	Motor
32	Screw
33	Plug
34	Plug
35	Washer
36	Roller bearing cage
37	Gear wheel
38	Gear motor shaft
39	Gasket/jig
40	Studs
41	Washer
42	Spring washer
43	Nut



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.

Quick® windlasses are manufactured with materials resistant to marine environments. In any case, any salt deposits on the outside must be removed periodically to avoid corrosion and damage to the equipment. The parts where salt may have built up should be washed thoroughly with fresh water.

Once a year, the drum and the gypsy are to be taken apart as follows:

MOD. FF

VERSION WITH FREEFALL SYSTEM

(see drawing on page 21)

Use the handle (1) to unscrew the gypsy cover (N); loosen screw (H) and take off the gypsy cover.

Loosen the screws (5) of the chain stripper (7) and remove it; remove the gypsy (4).

MOD. 1200

NO-DRUM VERSION

Use the handle (1) to remove the gypsy cover (2); remove the top clutch cone (3); loosen the fixing screws (5) of the chain stripper (7) and remove it and pull off the gypsy (4).

MOD. 1200 D

DRUM VERSION

Use the handle (1) to loosen the bush (8); pull off the drum (9) and the top clutch cone (3); loosen the fixing screws (5) of the rope/chain stripper (7) and remove it. Pull off the gypsy (4).

MOD. FF - MOD. 1200 - MOD. 1200 D

Clean all the parts removed to avoid corrosion, and grease the shaft thread (21, 23 or A) and the gypsy (4) where the clutch cones rest (use grease suitable for marine environment) (3).

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



FREEFALL SYSTEM MOD. GP2 1200 FF

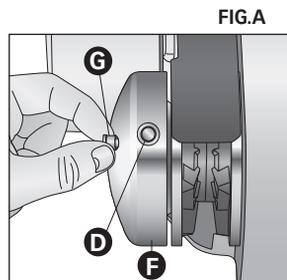


ATTENTION: The automatic system should be activated or deactivated with the clutch closed (engaged) to avoid damage to the electromechanical components.

ACTIVATING THE FREEFALL SYSTEM

Follow the directions given below to activate the freefall system:

- Turn the cover **[F]** until the pin's hole **[D]** faces upwards (as shown in fig.A).
- Shut off power to the windlass.
- Block the chain with a lock.
- Pull the knob **[G]** until the pin is completely out **[D]**.
- Make certain the clutch is closed (engaged).
- Release the chain.
- Turn power to the windlass back on.



Hold down the DOWN button to open the clutch (disengaged).

As a result the gypsy will turn freely around its axis.

On the other hand, hold down the UP button to close the clutch (engaged). As a result, the gypsy is integral to the "A" axis again.

CASTING WITH THE FREEFALL SYSTEM

With the freefall system activated, keep the DOWN button pressed up to the point in which the anchor can fall freely without encountering any problems and then release the button.

To slow down or stop letting the chain fall down, hold down the UP button until the desired effect is obtained.

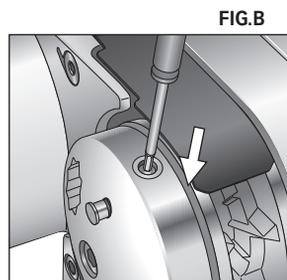
WEIGHING THE ANCHOR WITH THE FREEFALL SYSTEM

Perform the procedure given in paragraph USAGE - WEIGHING THE ANCHOR.

DEACTIVATING THE FREEFALL SYSTEM

Follow the directions given below to deactivate the freefall system:

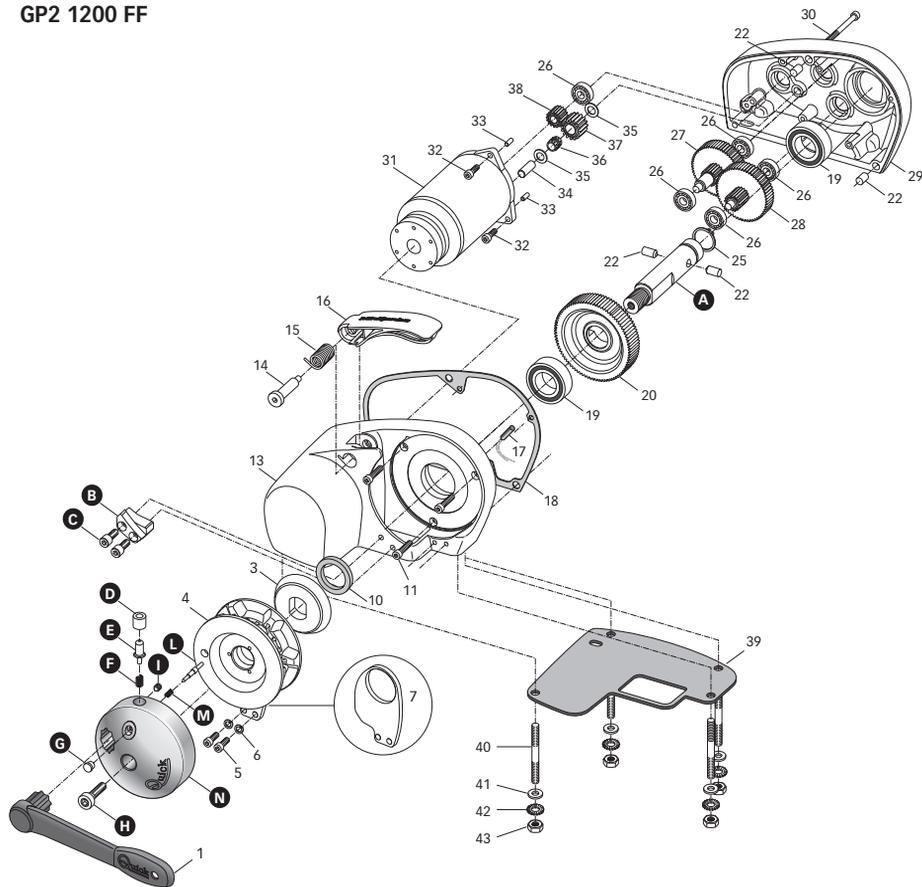
- Turn the cover **[F]** until the pin's hole **[D]** faces upwards.
- Shut off power to the windlass.
- Block the chain with a lock.
- Push the pin **[D]**, into the center of the gypsy with the aid of a suitable tool, as shown in fig.B.
- Make certain the clutch is closed (engaged).
- Release the chain.
- Turn power to the windlass back on.



When the freefall system is deactivated, the chain can be lowered only electrically or manually (see paragraph USAGE - CLUTCH USE).



GP2 1200 FF

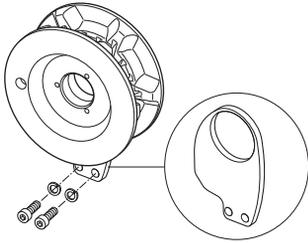


POS. DESCRIPTION

- A Shaft
- B Windlass pin guide
- C Screw
- D Pin
- E Spring pin
- F Gypsy cover

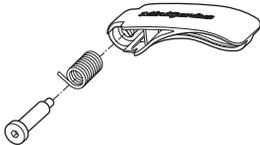
- G knob
- H Gypsy cover screw
- I screw
- L Pin
- M Spring pin
- N Pilot boss

Number references given on pages 22-23.



OSP GYPSY GP2 8MM
 OSP GYPSY GP2 7MM-1/4"
 OSP GYPSY GP2 6MM
 OSP GYPSY GP2 5/16"

FVSSBGP20008A00
 FVSSBGP20714A00
 FVSSBGP20006A00
 FVSSBGP20516A00



OSP KIT GP2 500/1200 PRESSURE LEVER

FVSSTCMG0000A00



OSP GYPSY COVER "SERIES 2"

FVSSCPBBASG0A00



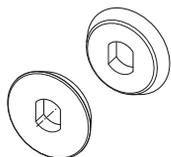
OSP WINDLASS DRUM "SERIES 2" STAINLESS S.

FVSSMSE0800XA00



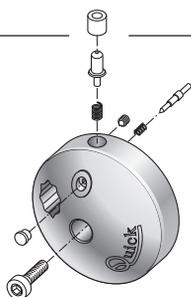
OSP DRUM BUSH "SERIES 1-2"

FVSSGMSDCP05000



OSP KIT GP2 WINDLASS CLUTCH CONE

FVSSCFG00000A00



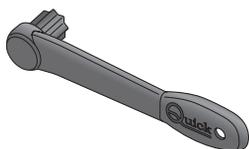
OSP COMPLET FF "GP2" GYPSY COVER

FVSSCPBBGFF0A00



OSP KIT GP2 FF WINDLASS PIN GUIDE

FVSSGPGFF000A00



OSP STRAIGHT WINDLASS LEVER - NYLON

FVSSLVSDN000A00

GP2 GENIUS SERIES

R000A

500 / 1200

IT Codice e numero seriale del prodotto

GB Product code and serial number

FR Code et numéro de série du produit

DE Code- und Seriennummer des Produkts

ES Código y número de serie del producto

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