

WINCH ASSEMBLY BRC802

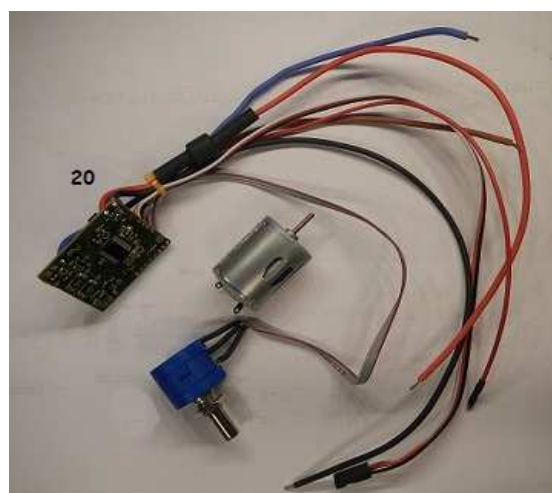
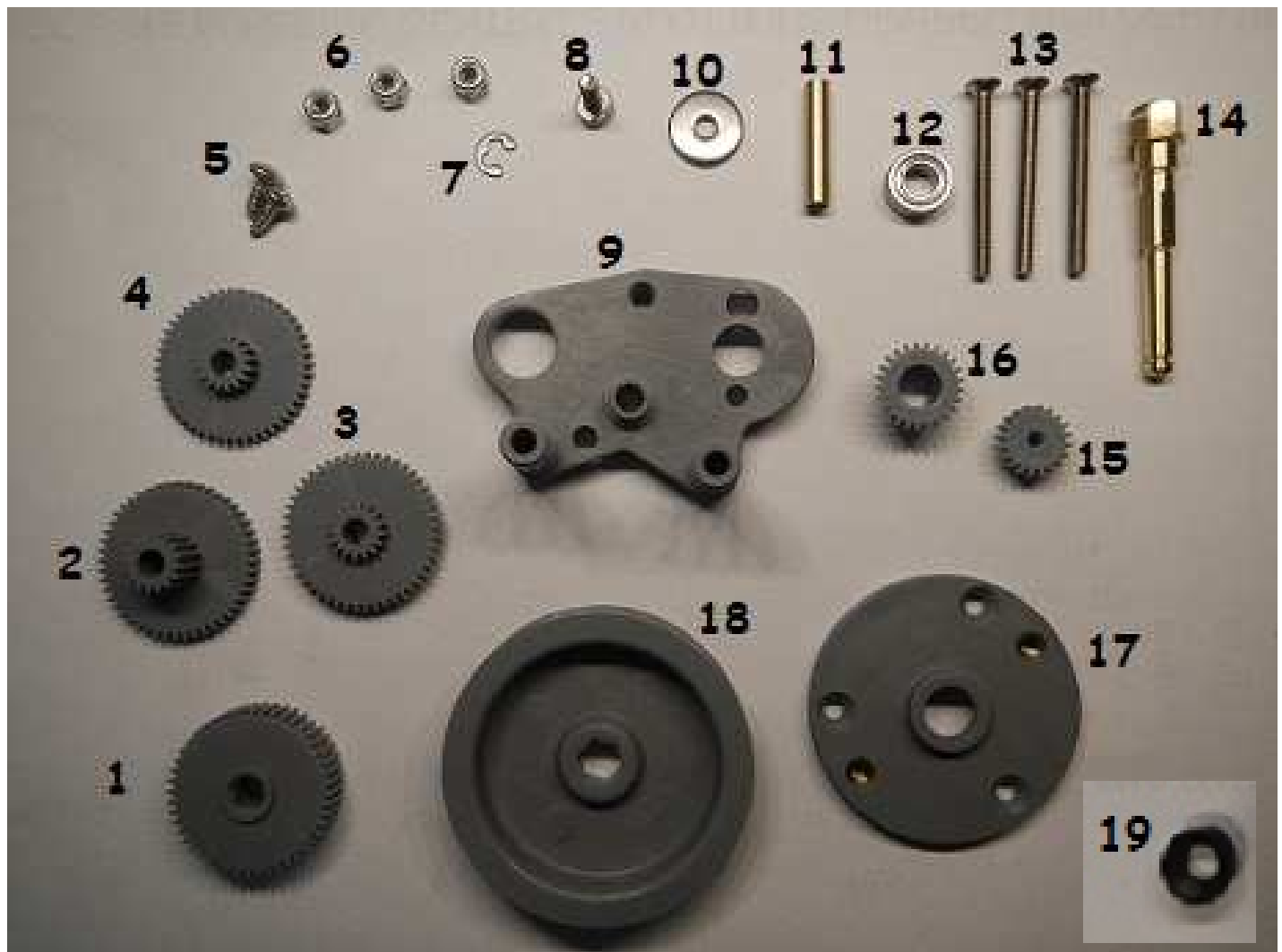


RADIO CONTROLLED SAILING BOATS



www.barcheradiocomandate.it

KIT INCLUDES:



LEGEND:

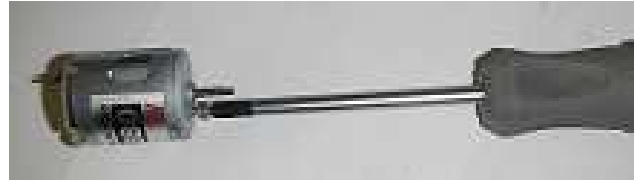
- (1): n. 1 gear
- (2): n. 1 gear
- (3): n. 1 gear
- (4): n. 1 gear
- (5): n. 2 self-tapping screws 2,9x6,5 for motor
- (6): n. 3 M3 self-locking nuts to the lower support
- (7): n. 1 seeger ring
- (8): n. 3 screws 3x8 for drum
- (9): n. 1 lower support winch
- (10): n. 1 washer 3x12
- (11): n. 1 distance tube
- (12): n. 1 bearing
- (13): n. 3 screws 3x30
- (14): n. 1 mast
- (15): n. 1 motor pinion
- (16): n. 1 pinion potentiometer
- (17): n. 1 superior support
- (18): n. 1 drum
- (19): n. 1 O - Ring
- (20): n. 1 electronic card with motor and potentiometer

IMPORTANTE:

1. This is not a toy. The installation and operation require adult supervision.
2. It is requested to take the time to read this instruction manual carefully and completely before assembling the piece.

PREPARATION:

1. With one of the screws (5) threaded holes on the motor to assist in assembly later



2. Insert the three self-locking nuts (6) at the bottom of the lower support (9)



3. Install the bearing (12) in the central part of the superior support (17)



4. Install O - Ring (19) on the mast (14)



5. Slide the mast (14) in the superior support (17) taking care that the protruding part of the substrate is facing upwards



6. On the mast (14) to mount the gear (1)



7. On the superior part of the winch (17) insert a screw 3x30 (13) in hole A



8. On the other side mount the distance tube (11)

9. On the distance tube (11) to mount the gear (2)



10. On the mast (14) to mount the gear (4)



11. On the distance tube (11) assemble the gear (3)



12. On the lower support of the winch (9) mount the motor (20) with the two self-tapping screws (5) and the drive pinion (15)



13. Assemble the superior support of the winch (17) (full gear) on the lower support (9) locking it with the remaining two screws 3x30 (13)



14. Put the drum (18) on the hexagon mast (14) and with hand try rotating the winch, if it is too "hard" to loosen the screws 3x30 (13) and try again until the winch spinning freely hand

15. Insert the potentiometer into place with the nut

16. Install the pinion of the potentiometer (16) on mast and tighten the bolt locking potentiometer same

17. Ensure that the locking nut of potentiometer NOT interfere with the gear teeth



18. Install the seeger ring (7) at the base of the mast



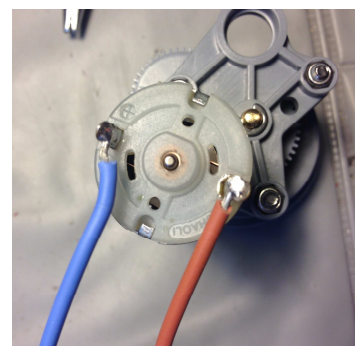
19. Secure the two screws 3x8 (8) to the superior support (17)



20. Mount the drum (18) on the mast (14) locking it with the washer (10) and the screw 3x8 (8)



Motor electric connection
(blue on "+" pole)



Winch BRC802

CAUTION: Before you put the drum on the winch, to provide an initial setting, to recognize the point "zero" of the radio to the winch.

N.B.: The factory setting expected to, during "full out", the pulley rotates "Clockwise" and during "full in" rotates "Counterclockwise"

INSTRUCTION TO SETUP THE WINCH:

- A: place Tx stick at "full in" position
- B: put "on" the radio
- C: put "on" the boat
- D: you hear a "sound signal" and the winch go to the minimum
- E: connect setup cable to "ground pin" of Rx
- F: you hear a 1st "sound signal"
- G: move the stick to "full out"
- H: you hear a 2nd "sound signal"
- I: move the stick at "full in"
- L: you hear a 3rd "sound signal"
- M: using the stick, drive the winch out at the desired "full out" position
- N: remove setup cable; you heard a long sound signal
- O: put "off" the boat
- P: put "on" the boat
- Q: the regulation are made. Control the correct working

N.B. Please note that if you need to reverse the rotation of the pulley, then you need to do the opposite sequence to = point <A> sails "full out", point <G> sails "full in", point <I> sails "full out", point <M> run "full in" desired.

Factory setting:

- The drum rotates for about 3 laps corresponding to about 30 cm with the drum included
- provides the electronics to lower the maximum power at 5 volts to the receiver
- if the battery is scheduled to open in mid-sails and rudder operation
- in case of overload for 10 sec. enter into the winch protection. To unlock it to act up/down with the stick sails

RESET PARAMETERS:

- Follow the steps in setting from <1> to <12>
- Replace the cable programming in the Rx
- Remove the single cable programming. You will hear a "beep" confirms
- Replace the cable programming in the Rx
- Remove the single cable programming. You will hear a "beep" confirms
- The winch delete your programming and reloads the factory settings.
- Turn off power to the winch.

Our winch can be programmed with a run from a minimum of about 5 cm to a maximum of about 60 cm it is also possible to use the movement with le- ver instead of the drum.