

说明书单页大小：105*140mm

7. Change the direction of rotation (Figure C)
Forward rotation: Push the reversing lever marked with “→” to the end (the left side of the chamber), which can be used to tighten bolts or nuts.
Reversal: Push the reversing lever marked with “←” to the end (move to the right), which can be used to unscrew bolts or nuts.

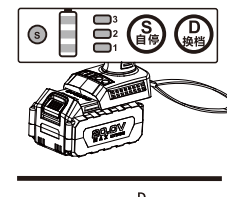
8. Use LED lights
Press the machine switch to turn on the work light, release the switch and the work light goes out.
LED lights can greatly improve the visibility when used in dark or enclosed areas.

9. Speed adjustment or stop (Figure D)
Press the shift lever to the left, press the D button to shift gears, switch between gears 1, 2 and 3 to corresponding LED display.
Press the reversing lever to the right, press the S button to stop automatically, switch on/off the automatic stop function. (The light at S is on)

10. Battery pack power test
The battery display is fully charged when all three lights are on.
Please charge the battery when there is only one or no light is on.

11. Overload protection
When an overload occurs, the motor stops running. Unload the machine immediately and allow the machine to cool down for 30 seconds at maximum no-load operation.

12. Discharge protection
The machine is equipped with under-voltage protection detection function. When the power is insufficient, the under-voltage protection program starts and the machine stops rotating.




D

FIG 1
1. Why do you press the switch and the machine doesn't work?
There is a steering pole at the top of the switch, which is in the locked position. Pull it to the position where it needs to be turned. When the switch button is pressed, the machine will start to turn.
2. Why does the same battery pack work for a long or short time?
As mentioned above, if a battery pack is left unused for a long time, it will shorten its working time. This is the problem of charging and using, this situation will be improved. When doing heavy work, such as screwing large bolts into hardwood, the battery pack will also consume electricity very quickly. Do not use rings below 0 or above 45 °C. Charging in the environment will also affect the performance of the battery pack.

Maintenance
Your electric tools do not need to be lubricated or otherwise maintained. Don't use water or chemical cleaners to clean your electric tools. Just wipe them with a dry cloth. The tools should be stored in a dry environment and the ventilation of the motor should be kept clean. Try not to use it in dusty environment. Sometimes it will open to sparks from the outlet. This is normal and will not damage your machine.

Environmental protection

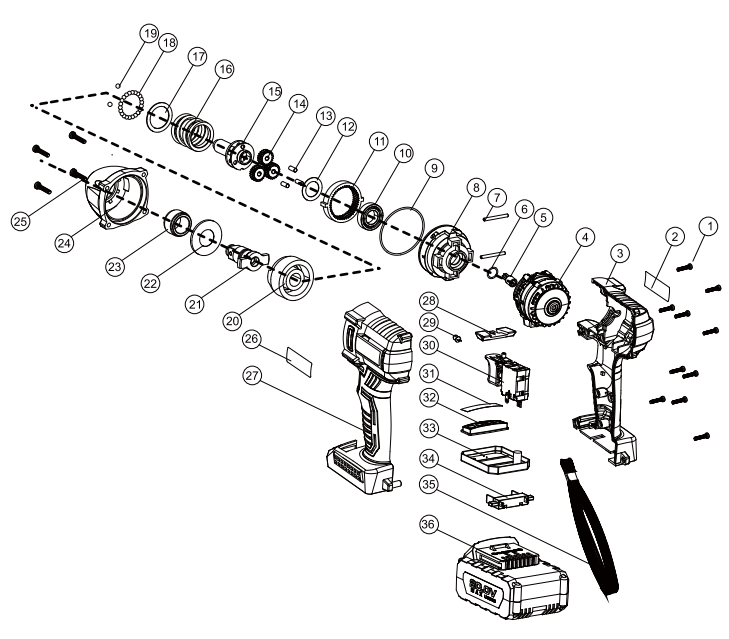


In response to environmental protection, damaged machines, accessories and packaging materials must be classified in detail to facilitate and recycle. In order to facilitate classification and recycling, all plastic parts are marked with material.

Component list


Serial No.	Name	Serial No.	Name
1	Tapping screw ST3*14	19	Big steel ball ø1.55
2	Right label	20	Blow piece
3	Right shell	21	Blow shaft
4	Brushless motor	22	Avic pad ø24.3
5	Motor gear Z=7	23	Axle sleeve
6	ø18*14*102 Seal ring	24	Aluminum shell
7	ø2.4*32 Auto-lock pin	25	Cross pan head self-tapping screws
8	Motor cover plate	26	Left label
9	Seal ring	27	left shell
10	Bearing	28	Steering lever
11	Gear ring Z=50	29	LED ø5
12	Fingerket	30	Switch
13	Gear pin ø1*9.7	31	Lampshade label
14	Planetary gear Z=21	32	Lampshade
15	Transmission shaft	33	Controller
16	Big spring	34	Plug
17	Gasket ø32.5*105.2*1	35	Portable belt
18	Small steel ball ø3.96	36	20V Battery pack

***This list just reference.**

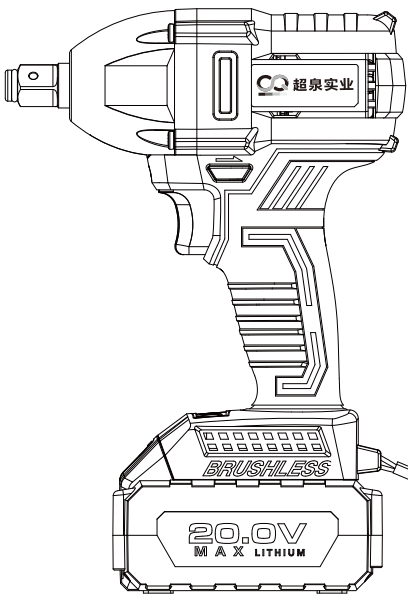


BROTO

Hunan Jiangyun Intelligent Technology Co., Ltd



*This manual is suitable for BROTO BR-Y0005, BR-Y0055, BR-Y0029B.
*The picture is for reference only.



Note: Please read the instructions carefully before using the machine.

5 **Brushless Lithium Impact Wrench**

Brushless Lithium Impact Wrench 6

Brushless Lithium Impact Wrench Instruction

The Use of Brushless Lithium Battery Impact Wrench

This tool is suitable for the installation and removal of external hexagon nuts and bolts.

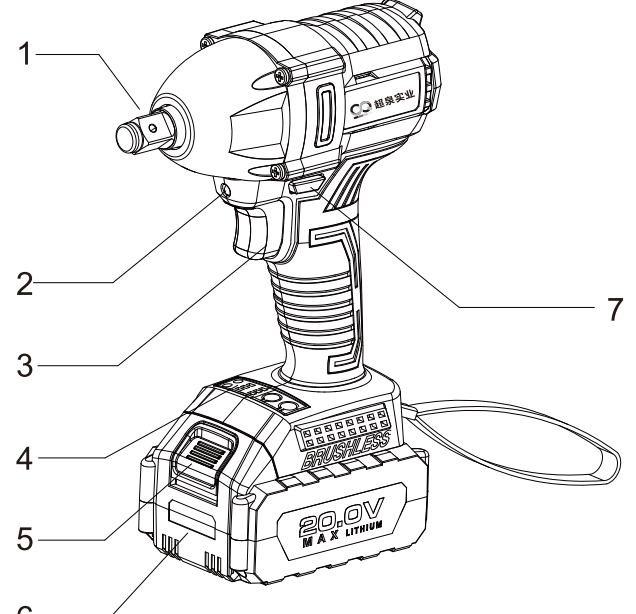
Safety Rules for Brushless Lithium Battery Impact Wrench

- Before any maintenance work on the machine, the battery pack must be taken out.
- It is forbidden to put the machine in rain or water.
- Do not store the battery pack in an environment above 40°C.
- Charging in an environment of 0 to 30°C, the ideal charging temperature is 18 to 24°C.
- Only use the charger and battery pack provided with the machine.
- Avoid short-circuiting the battery pack connection (for example: do not allow bolts, nails, etc. to touch the positive and negative poles of the battery packs).
- It is forbidden to burn the battery pack or discard it in the fire, which may cause an explosion.
- It is forbidden to charge the damaged battery pack.
- If the power cord on the charger is damaged, please go to the designated repair station to replace it in time.
- Be sure to unplug the charger power plug before removing the battery pack.
- During the charging process, it is normal for the charger and battery pack to generate heat.
- When the machine is not in use, do not insert the charged battery pack into the charger.
- It is normal for the body and battery pack to heat up when the wrench is working.
- The waste battery pack must be sent to the local recycling point for recycling.
- Stay alert and pay attention to the operation you are doing when operating power tools. Do not operate under fatigue, drugs, alcohol, or treatment response to avoid serious personal injury.

Warning:
The battery pack may leak when the temperature is too high or overuse. If the liquid exposed from the battery gets on the skin, wash it with soap. And if it accidentally touches the eyes, wash it with clean water immediately and go to the hospital for treatment immediately.

Marks

- To minimize damage, users should read the instructions carefully before using.
- Warning label
- Please wear goggles
- Please wear protective ear muffs
- Please wear protection mask
- Do not place in rain or water
- Do not expose to fire
- Batteries contain flammable, waste batteries should be classified recycling, do not throw into the trash can.
- Li-Ion
- The body of the product (excluding battery) does not contain toxic or harmful substances or elements, and it is a green product. It can be recycled after waste, and should not be discarded at will.
- The battery of this product contains toxic and harmful substances or elements, and it is a green product. It can be recycled after discarded, should not be discarded at will.



Parameter	
Voltage	20V
No-load speed	0-2200RPM
Impact Frequency	0-4000BPM
Max torque	BR-Y0029B 290N.m BR-Y0055 320N.m BR-Y005 350N.m
Battery	4000mAh/6000mAh

We suggest that you choose your accessories from the shop where you buy power tools. Please use the high quality accessories of well-known brands and choose the accessories that are suitable for your work. Please refer to the attached package description before use, you will get more methods and help to use.

1 **Brushless Lithium Impact Wrench**

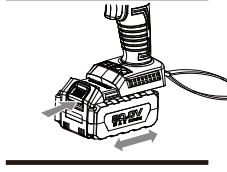
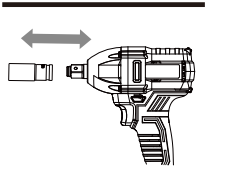
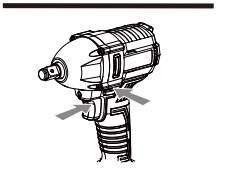
Brushless Lithium Impact Wrench 2

3 **Brushless Lithium Impact Wrench**

Brushless Lithium Impact Wrench 4

Operation Guide

- Charging**
This charger is used in conjunction with the machine, and other chargers are strictly prohibited.
The battery may become hot in a high-temperature environment after a long period of use. Please do not charge it immediately and wait until the battery has cooled down. Otherwise, the battery's service life will be shortened or the battery cannot be charged due to overheating.
When the machine is charged for the first time or after a long period of inactivity, the battery efficiency can reach 100% after 2-3 times of charging and discharging.
The battery pack can only be inserted into the charger in one direction. When the red indicator light of the charger is always on, it means that the normal charging starts.
When a fully charged battery pack is inserted into the charger, the smart charger will perform voltage detection on the battery pack. When the unlocking voltage is not reached, the charger will not charge the battery pack, and the red light is off and the green light is on.
- Install/remove the battery pack (Figure A)**
Press the button on the front of the battery pack to remove the battery pack, and then pull it out. When you want to insert the battery pack, just push it gently into the machine, and don't use excessive force.
- Install the sleeve (Figure B)**
Install the socket or other adapter to be installed on the interface, push it to the end of the interface, insert the pin and install the spring to fix it.
- Disassembly of sleeve and adapter**
Disassemble the spring, remove the pin, and pull the sleeve forward to remove it from the interface.
- Startup/shutdown (Figure C)**
Press and hold the switch to start the machine, and release it to stop the machine. The machine is equipped with a braking function. After the switch is released, the machine stops immediately. The rotation speed can be changed by applying force on the switch. The change range is between 0 and maximum speed. Do not let the machine stop running due to excessive load.
- Switch lock**
The switch has a lock protection function, which helps to reduce the accidental start of the machine when it is not in use. Adjust the reversing lever to the center position to lock the machine.

Brushless Lithium Impact Wrench 4