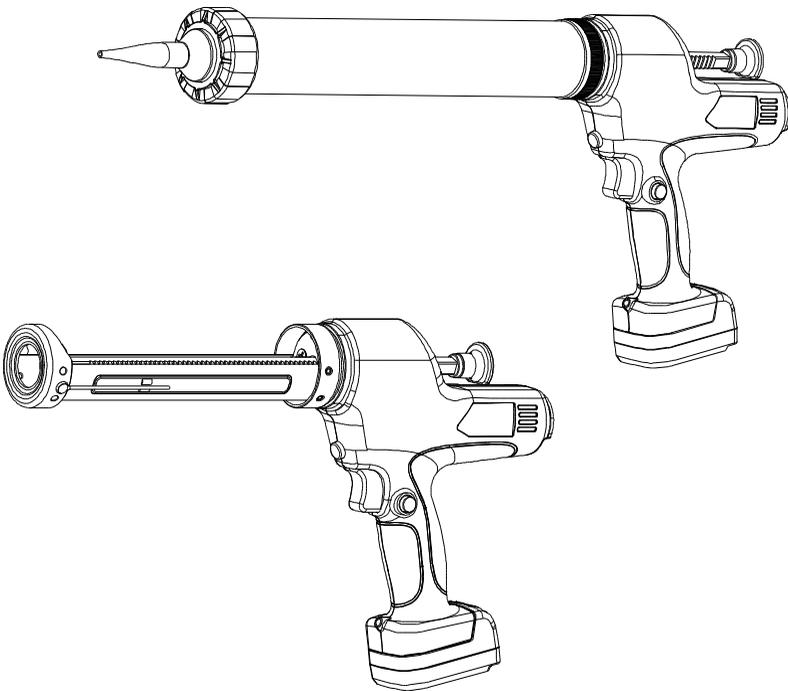


toya®

DCG72-600
DCG72-310

CORDLESS CAULKING GUN



INSTRUCTION MANUAL

IMPORTANT INFORMATION MUST BE READ BEFORE USING THE TOOL



Read and understand tool labels and all of operating instructions, safety precautions and warnings in this manual before operating or maintaining this tool.

Failure to follow warnings or operating instructions could result in PERSONAL INJURY. Most accidents that result from the operation and maintenance of caulking gun are caused by the failure to observe basic safety rules or precautions. An accident can often be avoided by recognizing a potentially hazardous situation before it occurs, and by observing appropriate safety procedures. Save this manual for future reference.

SAFETY RULES AND WARNINGS

- * This tool has overloading protecting function, Use oxidized Sealant maybe ignite this function and tool will stop working;
- * To reduce risk of injury, only use TOUA rechargeable battery pack. Other type of battery packs may burst causing personal injury and damage. The battery pack must be recharged only with the specified charger;
- * Do not operate this caulking gun in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust. Do not charge battery pack in this area ;
- * Do not abuse the cord of charger, never use the cord to carry the charger. Keep cord away from heat, oil, sharp edges or moving parts. Do not touch the metal plate in charger while charging;
- * Do not operate battery charger with damaged cord or plug, should replace them immediately;
- * Do not use this caulking gun in rainy and humidity;
- * Do not overreach. Keep proper footing and balance at all times. Do not operate this caulking gun on the scaffold and ladder;
- * Keep bystanders, children and visitors away while operating this tool. Distractions can cause you to lose control;
- * Stay alert, watch what you are doing and use common sense when operating this tool. Do not use tool while tired or under influence of drugs, alcohol, or medication. A moment of inattention while operating this tool may result in personal injury;

- * When caulking gun is not in use, keep it out of reach of children;
- * Use safety equipment. Always wear eye protection, Dust mask, non-skid safety shoes, hard hat, or hearing protection must be used for appropriate conditions;
- * Maintain tool with care,;
- * Check for misalignment or binding of moving parts, and any other condition that may affect the tool operation. If damaged, have the tool serviced before using. Many accidents are caused by poorly maintained tools;
- * Do not disassemble tools and battery charger. Tool serviced must be performed only by qualified repair person. When servicing a tool, use only identical replacement parts;
- * Wipe regularly only with mild and damp cloth to clean the tool. Never use corrosive or abrasive cleaning agents, never immerse any part of tool into a liquid;

TECHNICAL DATA

Charging Voltage	100~220V AC/50Hz
Battery Pack	DC7.2V Li-Ion
Charging Time	150 minutes
Al Chamber Size	600 ml Max.
Carriage Size	310 ml Max.
Push Force	300kgf max
Dispense Rate	1.5~7mm/s
Net Weight	1.65Kg/1.55kg
Battery Pack Weight	0.085Kg

CHARGING METHOD

Note: Before Plugging into the receptacle, make sure the following points

- The power source voltage is stated on the nameplate.
- The cord is not damaged.



WARNING

■ **Do not charge at voltage higher than indicated on the nameplate. If charged at voltage higher than indicated on the nameplate, the charger will burn up.**

- **Do not use the electrical cord if damaged.**

■ TOUA Battery pack must be charged with TOUA battery charger. And TOUA battery charger used only for charging TOUA battery pack. Otherwise, it will result in burn up or personal injury.

STEP:

1. Insert the battery pack into the charger sliding slot, push it until hear a sharp sound. Make sure it contact the bottom of the charger;
2. Inert the power plug of charger into the plug seat;
3. When the plug of charger has been inserted into the plug seat, charging will commence and the green pilot lamp will light flash;
4. The charging time is approx. 70 minutes at 70°F(20°C). When the battery pack is fully charged, the green pilot lamp will switch to light on;
5. Red flash and green light off, charging problem.
6. Disconnect battery charger from the power plug.
7. Remove the battery pack from the battery charger. Supporting the charger with hand, pull out the battery pack from charger.

NOTE:

- * The charging time become longer when ambient temperature is low or the voltage of power source is too low.
- * When the green pilot lamp does not light on even if more than three hours has passed after start of the charging. Stop the charging and contact TOUA authorized service center.

CAUTION:

- * Do not pull the plug out of the receptacle by pulling on the cord;

REGARDING ELECTRIC CHARGE IN CASE OF NEW BATTERIES

As the internal chemical substance of new batteries and batteries that have not been used for extended period is not activated, the electric discharge might be low when using them the first and second time. This is temporary phenomenon, and normal time required for recharging will be restored by recharging the batteries 2~3 times.

HOW TO MAKE THE BATTERY PACK PERFORMANCE LONGER

- * Do not recharge the batteries after they become completely exhausted;
- * Avoid recharging at high ambient temperatures.

CAUTION

- When the battery charger has been

continuously used, it will be heated, once the charging has been completed, 15 minutes rest is necessary until the next charging;

- If the battery pack is recharged when it is warm due to battery pack exposure to sunlight, the pilot lamp may not light, and the battery pack will not be recharged. In such case, let the battery pack cool down before charging;

- If the battery charger does not work while the battery is mounted correctly, it is probable that the battery pack or charger is malfunctioning. Take it to your TOUA authorized service center.

OPERATING INSTRUCTION

1. Follow manufacture's recommendation to suit the job. Cut the nozzle of conical applicator(1) that come with it at an angle. The closer to the end of the nozzle that you make your cut, the narrow the opening will be. The smaller the opening the smaller the caulk bead;
2. Press release button(5) down and pull rack rod(11) back end;
3. Remove the plastic cap(2);
4. Remove seal from seal tube and insert this seal tube into chamber assy(3), fit the conical applicator(1) which has been cut and screw the plastic cap(2) into gun tightly;
5. Insert fully charged battery pack(9) into tool;
6. Press down release button(5), Push the rack rod(11) forward until against the back of the seal tube, this will save the running time;
7. Press the trigger(6) until seal/filler emerges from tube nozzle. Adjust flow speed using speed wheel(10);
8. Speed and width of seal/filler depends on consistency, temperature and width of opening in applicator. If opening hole is small, do not set speed too high to prevent seal/filler being forced out of base;
9. Press down the locking button(7) to lock trigger(6), seal/filler will be emerged with one speed. Press trigger again to unlock it;
10. Automatic retraction of the rack rod(11) after release the trigger(6). No dripping for this function;
11. Multifunction monitoring system to protect tools and battery pack. And caulking gun will stop while seal/filler be emerged over.

NOTE

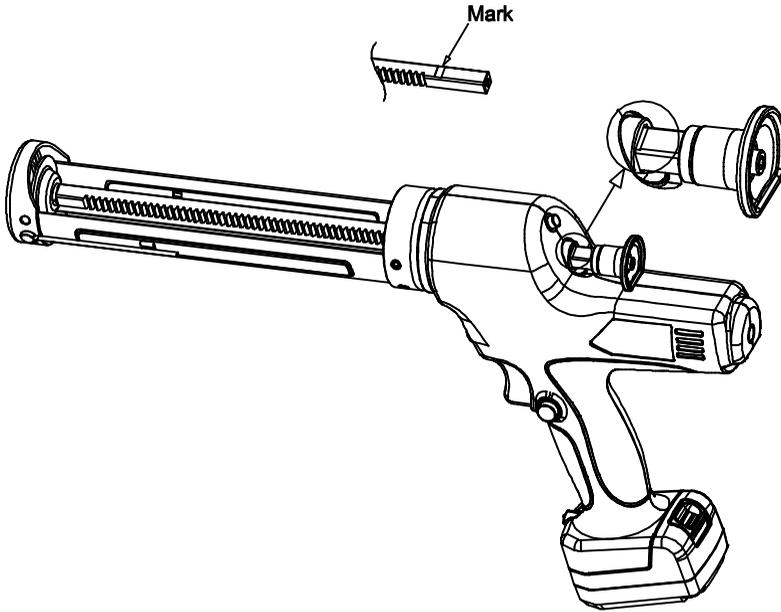
- *. If use Al chamber assy for silicone seal, need to replace piston(14) with piston disc(13). Locate the piston disc(13) with both M8 nut(15) up and down;

CAUTION

- *. Remember to remove seal of the seal/filler tube before insert it into caulk carriage.

SPECIAL ATTENTION FOR USING OF DCG72-310

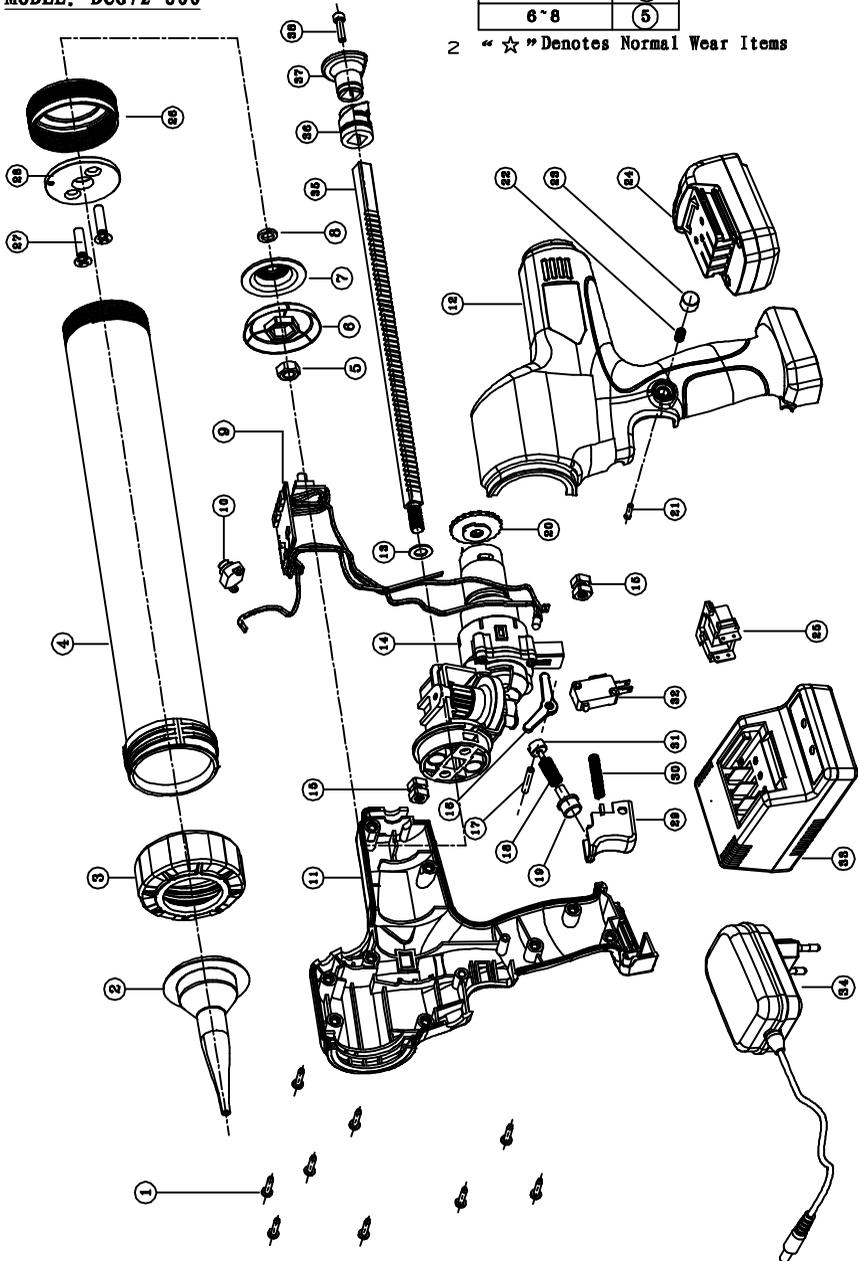
Attention! There is a mark on the Rack Rod,when the rack rod move to this mark,see Fig bellow ,pls release the trigger to stop this tool.



EXPLODED DRAWING
MODEL: DCG72-600

1	Torque (N.m)	Item
	1~1.2	①
	6~8	⑤

2 “☆” Denotes Normal Wear Items



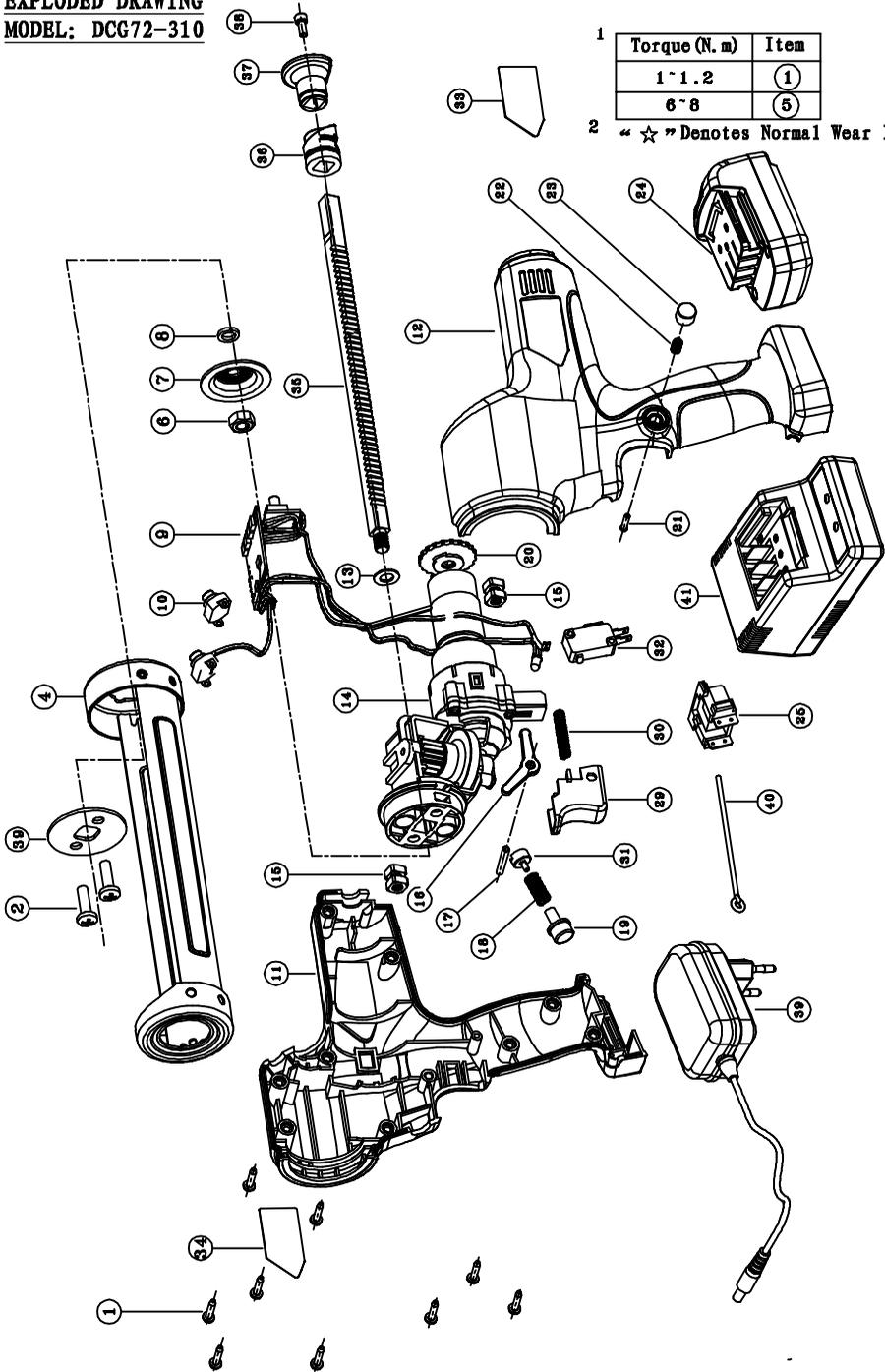
DCG72-600 PART LIST

38	504.3.01.01.0416.01	Hexagon Screw, M4x16	1
37	504.2.01.0021.02.01	Rack Rod Handle	1
36	504.2.01.0072.01.01	Rack Rod Guiding	1
35	504.1.04.0082.01.03	Rack Rod	1
34	504.4.04.003.03	Adaptor	1
33	504.4.04.010.08	Charger Base	1
32	504.4.02.003.01	Main Switch	1
31	504.2.01.0074.01.01	Release Contactor	1
30	504.1.04.0016.01.02	Switch Spring	1
29	504.2.01.0011.05.01	Trigger	1
28	504.1.06.0012.01.04	Fixer	1
27	504.3.01.04.0625.02	Countersunk Screw, M6x25	2
26	504.1.01.0068.01.04	Machined Cap	1
25	504.2.01.0053.01.01	Power Contact Plate	1
24	505.03.040.00.999	Power Pack	1
23	504.2.01.0059.02.01	Locking Button	1
22	504.1.04.0081.01.02	Spring	1
21	504.2.01.0075.01.01	Locking Pin	1
20	504.2.01.0008.02.01	Speed Wheel	1
19	504.2.01.0073.01.01	Release Button	1
18	504.1.04.0080.01.02	Releaser Spring	1
17	504.1.04.0078.01.04	Pin 4x25	1
16	504.1.05.0007.01.00	Releaser	1
15	504.3.03.02.0600.00	M6 Square Nut	4
14	503.1.35.001.01	Gear Box Train	1
13	504.1.01.0081.01.00	Washer	1
12	504.2.01.0016.08.04	Left Handle	1
11	504.2.01.0009.08.04	Right Handle	1
10	504.4.02.003.02	LED Switch	1
9	503.1.17.003.01	PCB Assy	1
8	504.3.04.03.0800.01	Spring Washer d=8	1
7	504.1.01.0066.01.03	Piston Disc	1
6	504.2.01.0076.01.01	Piston ☆	1
5	504.3.03.04.0800.02	M8 Nut	1
4	503.1.36.001.01	Al chamber Assy	1
3	504.2.01.0071.01.01	Plastic Cap ☆	1
2	504.2.01.0078.01.00	Nozzle	1
1	504.3.01.03.0316.01	ST Screw ST2.9x16	9
No	Part Number	Description	Qty

EXPLODED DRAWING
MODEL: DCG72-310

1	Torque (N.m)	Item
	1~1.2	①
	6~8	⑤

2 “☆” Denotes Normal Wear Items

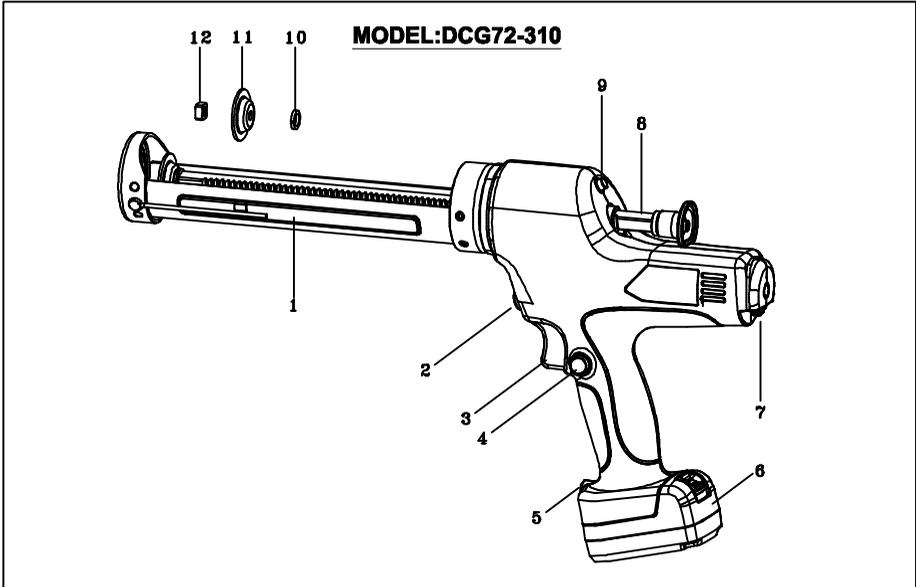


DCG72-310 PART LIST

41	504.4.04.010.08	Charger Base	1
40	504.1.01.0083.01.03	Pin	1
39	504.4.04.003.03	Adaptor	1
38	504.3.01.01.0416.01	Hexagon Screw, M4x16	1
37	504.2.01.0021.02.01	Rack Rod Handle	1
36	504.2.01.0072.01.01	Rack Rod Guiding	1
35	504.1.04.0082.01.03	Rack Rod	1
34	505.01.037.00.999	LOGO Label	1
33	505.02.037.00.999	Rating Label	1
32	504.4.02.003.01	Main Switch	1
31	504.2.01.0074.01.01	Releaser Contactor	1
30	504.1.04.0016.01.02	Switch Spring	1
29	504.2.01.0011.05.01	Trigger	1
25	504.2.01.0053.01.01	Power Contact Plate	1
24	505.03.040.00.999	Power Pack	1
23	504.2.01.0059.02.01	Locking Button	1
22	504.1.04.0081.01.02	Spring	1
21	504.2.01.0075.01.01	Locking Pin	1
20	504.2.01.0008.02.01	Speed Wheel	1
19	504.2.01.0073.01.01	Release Button	1
18	504.1.04.0080.01.02	Releaser Spring	1
17	504.1.04.0078.01.04	Pin 4x25	1
16	504.1.05.0007.01.00	Releaser	1
15	504.3.03.02.0600.00	M6 Square Nut	4
14	503.1.35.001.01	Gear Box Train	1
13	504.1.01.0081.01.00	Plate Washer	1
12	504.2.01.0016.08.04	Left Handle	1
11	504.2.01.0009.08.04	Right Handle	1
10	504.4.02.003.02	LED Switch	1
9	503.1.17.003.01	PCB Assy	1
8	504.3.04.03.0800.01	Spring Washer d=8	1
7	504.1.01.0066.01.03	Piston Disc	1
6	504.3.03.04.0800.02	M8 Nut	1
4	503.1.36.002.02	Carriage	1
2	504.3.01.04.0620.02	M6x20	2
1	504.3.01.03.0316.01	ST Screw ST2.9x16	9
No	Part Number	Description	Qty

MAIN COMPONENTS

1. Carriage
2. Releaser Button
3. Trigger
4. Locking Button
5. LED Light
6. Battery Pack
7. Speed Wheel
8. Rack Rod
9. LED Light Switch
10. Spring Washer
11. Piston Disc
12. M6 Square Nut

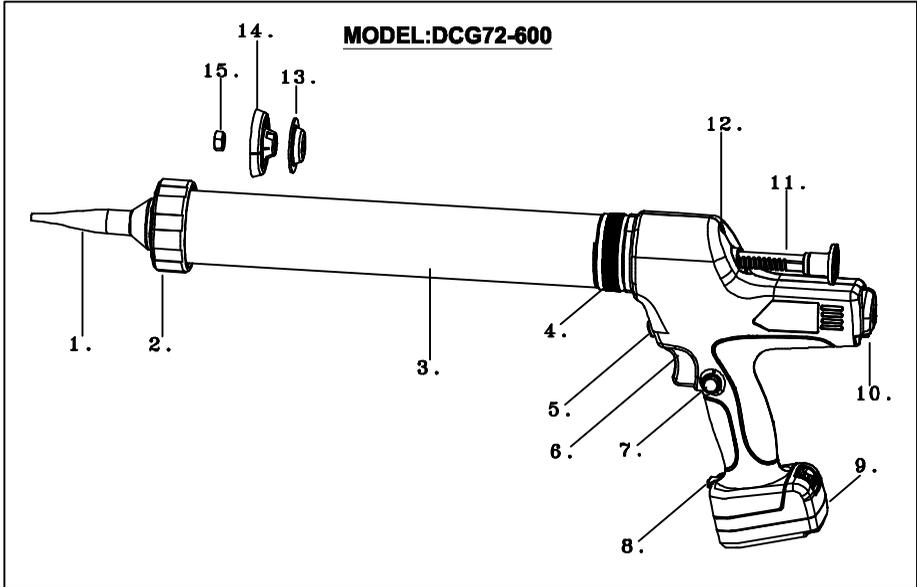


STANDARD ACCESSORIES

1. Battery Pack..... 2
2. Charger Base..... 1
3. Adaptor 1
4. Safety and Instruction Manual 1

MAIN COMPONENTS

- | | |
|-----------------------|----------------------|
| 1. Conical Applicator | 9. Battery Pack |
| 2. Plastic Cap | 10. Speed Wheel |
| 3. AI chamber Assy | 11. Rack Rod |
| 4. Machined Cap | 12. LED Light Switch |
| 5. Releaser Button | 13. Piston Disc |
| 6. Trigger | 14. Piston |
| 7. Locking Button | 15. M8 Nut |
| 8. LED Light | |



STANDARD ACCESSORIES

- | | |
|--|---|
| 1. Battery Pack..... | 2 |
| 2. Charger Base | 1 |
| 3. Adaptor | 1 |
| 4. Conical Applicator..... | 1 |
| 5. M8 nut | 1 |
| 6. Safety and Instruction Manual | 1 |

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