



**Instruction manual**  
**RSPRO DC Type Brushless Electric Screwdriver**  
**Stock Number:**  
**100-391**  
**100-392**



Model		100-391	100-392
Input voltage		220VAC 50HZ	
Rated power		60W	
Torque Range	(Kgf.cm)	2-12	5-25
	(N.m)	0.2-1.22	0.5-2.55
Standard Torque Deviation(%)		±3%	
Torque setting		Staples	
No. Load speed (r/min) ± 10%	HI	1000	1000
	LO	700	700
Screw diameter(mm)	Machine screw diameter	2-3.8	2.8-5.0
	Tapping screw diameter	2-3.0	2.2-4.0
Weight (g)		510	
Length (mm)		246	
Applicable Power adapter		TL-26A-60W	
Applicable screwdriver head		 HEX6. 35mm	

\*1N.m=10.2Kgf.cm \*1N.m=8.85Lbf.in

1. The best use of this electric screwdriver is no more than 8 hours per day.
2. When the electric screwdriver has been used for 1000 hours or about half a year, maintenance or inspection actions such as cleaning the inside of the body, adding lubricating oil, etc. must be carried out to maintain the life, safety and torque accuracy of the electric screwdriver.
3. The clutch should be regularly supplemented with special lubricating oil to make its transmission smooth and reduce wear.
4. The coupler at the output end of the power adapter is non-standard. If it is damaged, the products produced by our company must be used.
5. Do not exceed the rated operating frequency (0.8s/2.4s 1/0) to avoid serious damage caused by motor overheating.
6. The repair and maintenance of the electric screwdriver can be handed over to the nearest after-sales service center designated by the company or contact the original dealer to send it to the local service center for processing.
7. If the customer entrusts the electric screwdriver to the service center not designated by the company for maintenance or disassembles and repairs it by himself, the resulting poor quality will not be able to obtain the due guarantee service.
8. It is the responsibility of the management department of the electric screwdriver to hand over this manual to the operator or user for reading, and do not attempt to repair the electric screwdriver by yourself

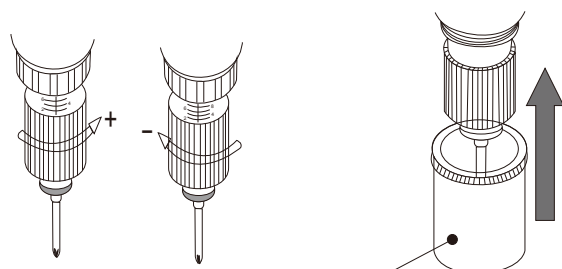
## Brushless electric torque screwdriver instruction

1. When replacing the screwdriver head, make sure that the forward and reverse, switch are in the "OFF" position, and pull the power plug out of the socket
2. Chemical such as :acetone, benzene, thinners, ketones, trichloroethylene..etc  
Do not touch the housing of the electric screwdriver to avoid damage
3. Use the electric screwdriver carefully, do not let it fall or be impacted. It is best to use a balancer to hang it up. If the electric screwdriver cannot be lifted, you can use a screwdriver to replace it
4. Mounting and dismounting the screwdriver head, just push the screwdriver head cap up with your fingertips to attach or remove the screwdriver head freely. Release your finger and let the screwdriver head cap return to fix the screwdriver head  
Note: please make sure the power is off or put the switch in the "OFF" position when installing and removing the screwdriver bit
5. Connect the power cord to a power outlet, CAUTION: wet power cord plug or hands can cause an electric shock hazard
6. The size of the torque output can be adjusted by the torque adjustment ring at the lower end of the electric screwdriver. The number of segments on the body does not represent the actual torque output  
Please refer to the torque chart or measure and adjust the required torque with a torque meter  
NOTE: do not adjust the torque beyond the scale "8"
7. To lock the screw when pressing the plate screwdriver, please switch the forward and reverse switch to the "F" position (if the screw is of reverse thread specification, you must switch the forward and reverse switch to the "R" position). Align the position of screwdriver head and the screw, the electric screwdriver can start running after pressing the switch platen by hand, when the screw is locked to the set torque. The clutch will automatically trip, the motor will be powered off and brake in time to stop the electric screwdriver run
8. When the platen screwdriver loosens and pulls out the screw, you only need to switch the positive and negative switch to the "R" position (if the screw is of reverse thread specification, you must switch the positive and negative switch to the "F" position). Press the above procedure operation, after the screw is loosened, release the switch pressure plate
9. Operating frequency, the rated intermittent running time of this machine is 1 second/ 3 second (ON/OFF) that is to say, the number of locking screws is about 15 per minute, excessive use frequency will cause the motor to overheat and cause serious damage, please give the screwdriver proper rest to dissipate heat
10. Do not use this electric screwdriver to lock wood screws
11. It is strictly forbidden to switch the forward and reverse switches during operation
12. Whenever an electric screwdriver is not being used, the reversing switch should be placed in the "OFF" position

## Torque adjustment

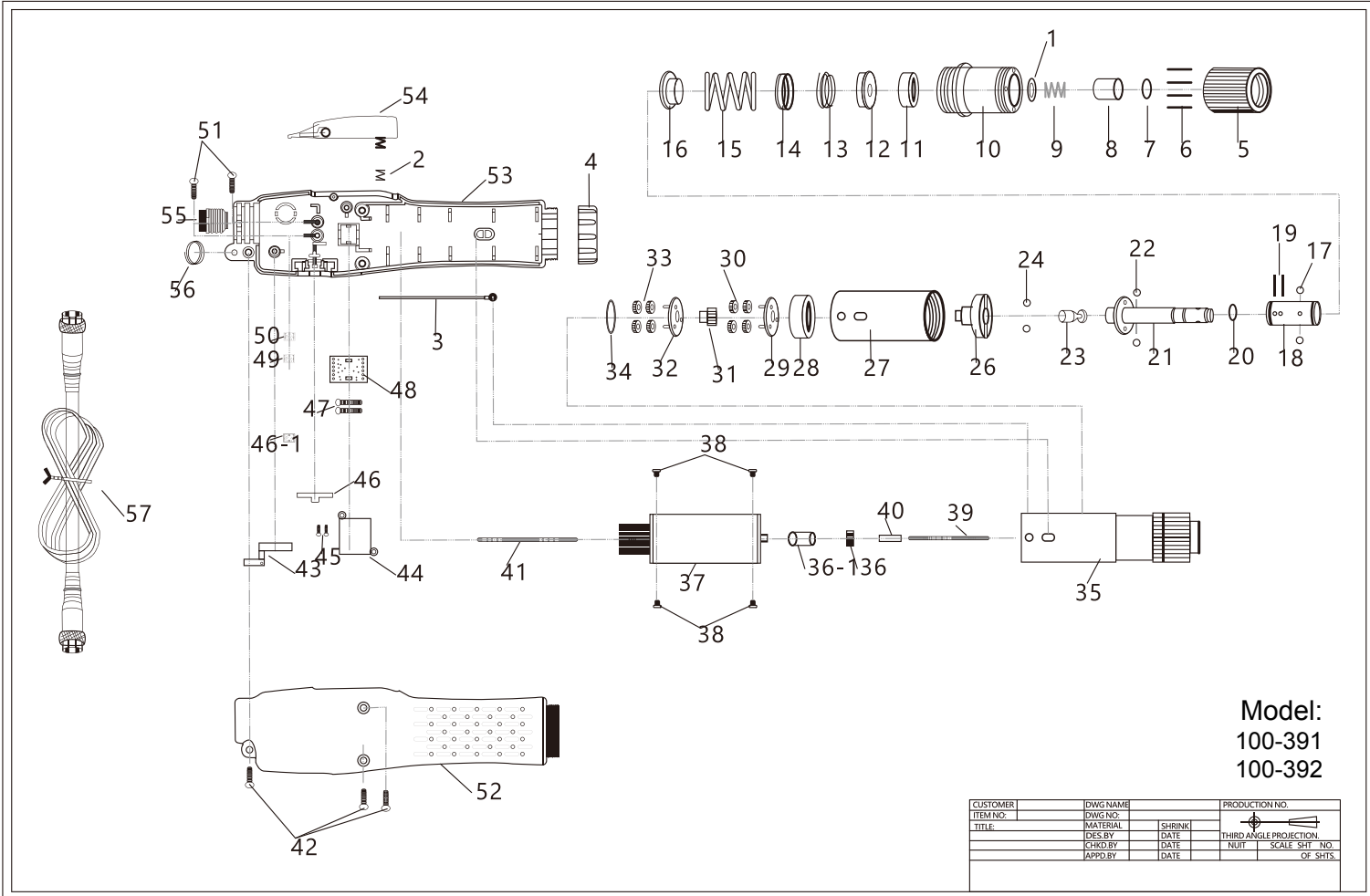
1. First determine the torque size, and then rotate the torque adjustment ring by hand to the required torque position.
2. Rotate the torque adjustment ring to increase or decrease the torque output: clockwise to a higher scale means increasing torque (+). Turning counterclockwise to a lower scale represents a reduction in torque (-).
3. Many factors will affect the torque output. When operating this electric screwdriver, it should be done step by step, first try to lock the screw with a small torque, and then gradually increase to a larger torque
4. The relationship between the torque scale and the torque of the electric screwdriver is shown in the torque chart. The torque scale is from 0 to 8. The value is not the actual torque of the electric screwdriver, but only indicates that the torque is from small to large. The torque needs to correspond to the type of electric screwdriver to compare the approximate torque output value.
5. The torque required to tighten the screw varies according to the riveting condition or different materials. If necessary, a torque meter can be used to measure and adjust the torque of the electric screwdriver.
6. Under the same torque scale, the torque of reverse "R" will be greater than the torque of forward "F", which will help the disassembly of the screw without adjusting the torque adjustment ring; but when the screw tightness is greater than when the torque is reversed, the clutch has tripped and the screw still cannot be loosened, the electric screwdriver still needs to be adjusted to a larger torque before loosening the screw.
7. After adjusting the torque of the electric screwdriver,

loosen and remove the front lock ring of the housing, and replace it with a torque fixing ring (KC), which can avoid the original set torque value being damaged by artificially rotating the torque adjustment ring. change



Replace the torque fixing ring, which can prevent the set torque from being change

☆ **Never try to repair or dismantle the unit yourself**



## 100-391 100-392

NO	PARTS NO	PARTS NAME-E	Q' ty	NO	PARTS NO	PARTS NAME-E	Q' ty
1	G21436-1	WASHER FOR "C" TYPE	1	31	G20106-1	CENTRAL GEAR	1
2	CK28031	TRIGGER SPRING	1	32	GG28211-2	GEAR SEAT	1
3	CH50671-1	GROUNDING MEANS	1	33	GH28191-7	IDLE GEAR	4
4	CD28044	COUPLER	1	34	GI28441	IRON WASHER	1
	CD28044-1	COUPLER-ESD	1	35	GZ28113-1C	CLUTCH ASSEMBLY-C	1
5	GM28391	TORQUE ADJUSTING PINS	1		GZ28113-1B	CLUTCH ASSEMBLY-B	1
6	GL28381	TORQUE ADJUSTING PINS	1	36	M11313-1	GEAR	1
7	GQ28411	C-RING-"C" TYPE	4	36-1	M11314-1	ADAPTERS (A2630LF/A2640LF)	1
	GQ21361	C-RING-"B" TYPE	1	37	M028082-10	MOTOR ASSEMBLY	1
8	GJ28371	BIT SLEEVE-"C" TYPE	1	38	CH20102-24	SCREW	4
	GJ3046B	BIT SLEEVE-"B" TYPE	1	39	MI30511-5	PILOT ROD	1
9	G028361	BIT SPRING-"C" TYPE	1	40	MG30081	PILOT ROD FOR	1
	G028361-1	BIT SPRING-"B" TYPE	1	41	MI30511-9	PILOT ROD	1
10	GB21332	CLUTCH CASE	1	42	CH20102	SCREW-HOUSING	3
11	GN28341	BALL BEARING	1	43	P11020-1	BRAKE LINKAGE	1
12	GY28331	WARING SPRING SEAT	1	44	P11020-2	COVER	1
13	G028251	TRIANGLE SPRING	1	45	CH90154	SCREW-PCB	2
	G028251-3	TRIANGLE SPRING	1		CH20510	SCREW-ESD TYPE	2
14	G028241	SPRING CUP	1	46	CC28028-2	TRIGGER ASSEMBLY	1
15	GE28321	WARING SPRING	1	46-1	CC28028-6	POSITIVE AND NEGATIVE SWITCH CIRCUIT BOARD	1
16	GF28291	WARING PLATE	1	47	CH20154	SCREW FOR SWITCH	2
17	GP20331	BIT PILOT-"C" TYPE	2	48	H10206	DRIVER BOARD	1
	GP21291B	BIT PILOT-"B" TYPE	2	49	CE28061-1	HULL START SWITCH	1
18	GT28282B	BIT HOLDER-LB	1	50	CE28061-2	HULL BRAKE SWITCH	1
19	G21203	PINS-LB	2	51	H10206	SCREW FOR SWITCH	2
20	G21001	"C" PIN-LB	1	52	CA28167	HOUSING-UPSIDE-Red	1
21	GD28281C-1	SHAFT-"C" TYPE	1		CA28167-1	HOUSING-UPSIDE-ESD	1
	GD28281B	SHAFT-"B" TYPE	1	53	CB28167	HOUSING-UNDERSIDE-Red	1
22	GP21291A	STELL BALLS	2		CB28167-1	HOUSING-UNDERSIDE-ESD	1
23	GU28261-1	STOP PILOT	1	54	CC28028-1	TRIGGER ASSEMBLY-ESD	1
24	GP30371	STEEL BALLS	2		CC28028	TRIGGER ASSEMBLY	1
26	GC28241-2	SHAFT GUIDE	1	55	AA50001-62N	CONNECTOR	1
27	GA28231-6	GEAR CASE	1	56	CJ20011	SUSPENSION RING	1
28	GH28221	MAIN BEARTNG	1	57	AA50001-53	CORD ASSEMBLY	1
29	GH28211-2	GEAR SEAT	1				
30	GH28191-7	IDLE GEAR	4				