

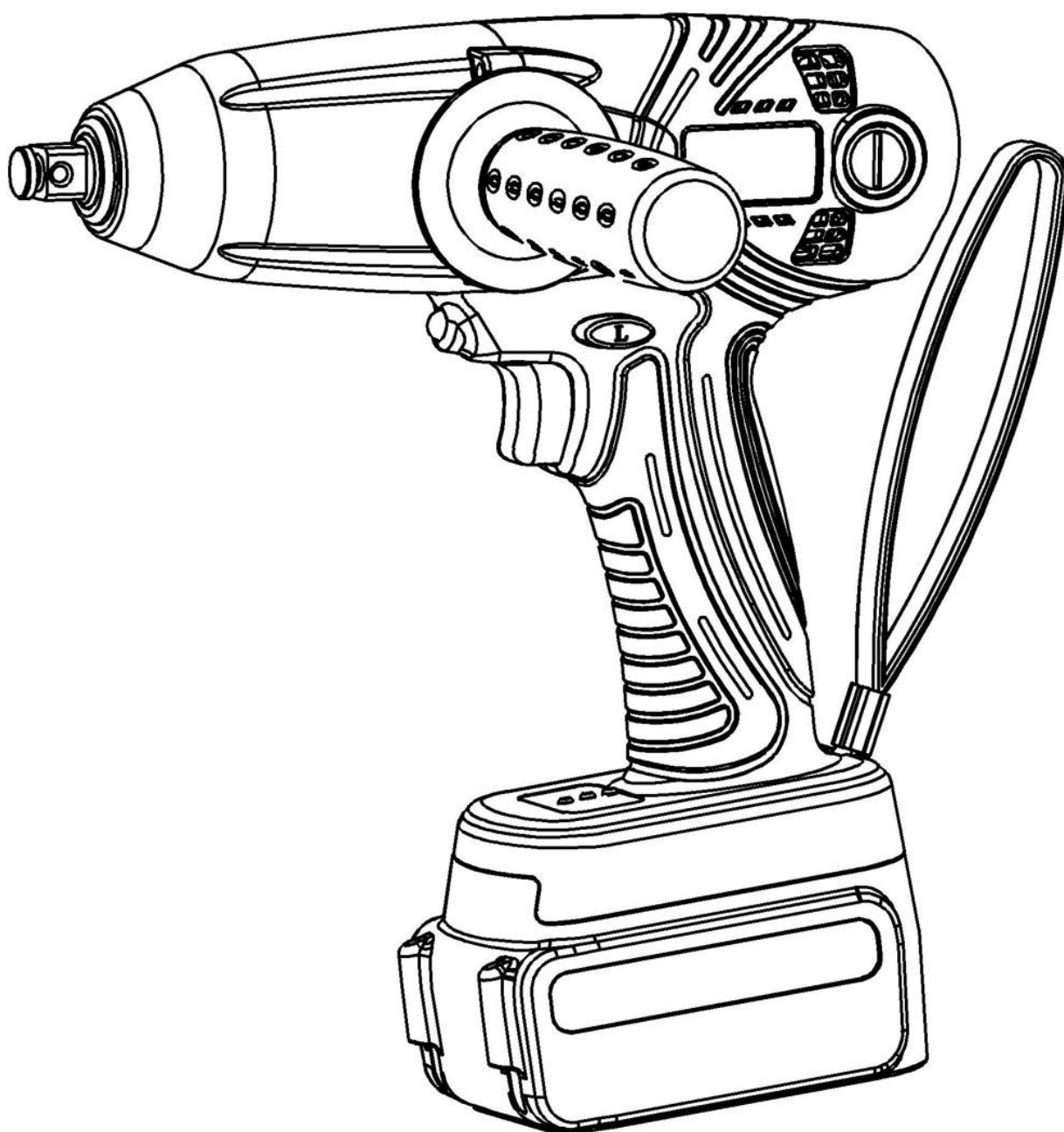


# KING TONY

## **CORDLESS IMPACT WRENCH**

***SAFETY INSTRUCTIONS AND INSTRUCTION MANUAL***

**NO. 44704**



*Enjoy your work*

## SAFETY INSTRUCTIONS

**WARNING: Read all safety warnings and all instructions.**







1. Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Unmodified plugs and, matching outlets will reduce risk of electric shock.
2. Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.
3. Do not expose power tools to rain or on explosive atmospheres.
4. Disconnect the plug from the power source before making and adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tools accidentally.
5. Store idle power tools out of the reach of children
6. Maintain power tools. Check for misalignment of binding of moving parts, breakage of parts and any other condition that may affect the power tools operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.
7. Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
8. When battery pack is not in use, keep it away from other metal objects that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.
9. Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help.
10. Do not disassemble battery charger; take it to a qualified serviceman when service or repair is required. Use of an attachment not recommended or sold by the battery charger manufacturer may result in a risk of fire, electric shock, or injury to persons
11. To reduce risk of electric shock, unplug charger from receptacle before attempting any maintenance or cleaning. Removing the battery will not reduce this risk.
12. Do not place any object on the top of the charger as it could cause overheating.
13. Pull on the charger to disconnection it from the power source. Do not pull on the lead.
14. Never recharge a fully charged battery. Overcharging shortens the battery service life.
15. Do not charge at voltage higher than indicated as charger specification; otherwise, the charger will burn up.

## CHARGER INDICATOR & BATTERY INSTALLATION

### Suitable charging environment:

- Charging temperature: 0°C ~40°C (32°F~104°F)
- Discharging temperature: 0°C ~40°C (32°F~104°F)
- Storage temperature: -20°C ~60°C (-4°F~140°F)
- Storage humidity: 70%RH

### The indicators of the charger

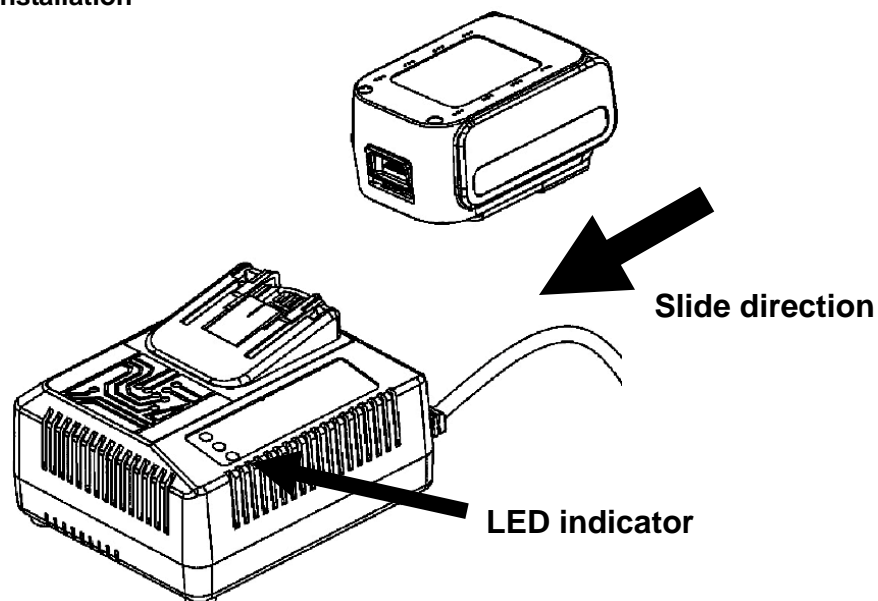
<b>RED</b>		Power On	The charger is power on
<b>YELLOW</b>		Battery at High Temperature	The battery pack is overheated. Please wait until the battery pack cools down, or take it out from the charger temporarily to be cooled off.
		Battery at Low Temperature	The battery pack's temperature is too low. Please wait until the battery pack's temperature rises. Please wait until the pack's temperature rises to 0°C.
		Incorrect battery type or Battery no good	Please replace the battery pack with a new one.
<b>GREEN</b>		Fast Charging	The battery is under quick charging
		Fully Charged	The charging is completed.

### WARNING

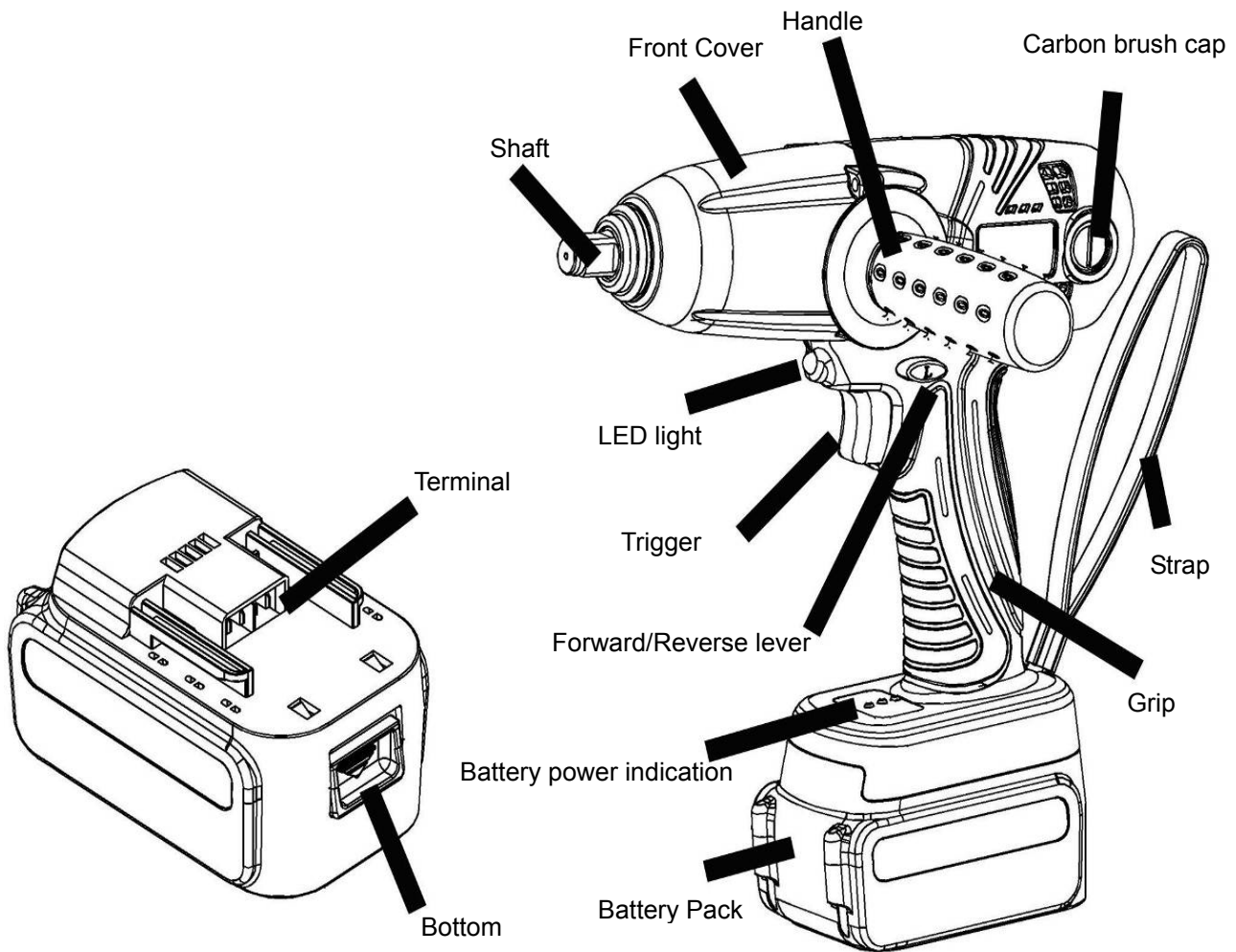
If any of the following occurs, unplug the charger from the power supply outlet and replace the battery pack

- None of the indicators lights on illuminate at all.
- The yellow indicator light glitters constantly.
- Only the red indicator light is on even if the battery pack

### Battery Pack Charging Installation



## EXPLANATION OF GENERAL VIEW



## SPECIFICATION

### 18V Cordless Impact Wrench

Model	44704MP
Voltage	DC 18V
Un Loaded Speed	0~2000 rpm
Max Torque	850 Nm(625ft-lb)
Working Torque	650 Nm(480ft-lb)
Weight (with 4.0Ah battery)	2.62 Kg

### Charger

Input Voltage	AC 100-240V 50/60 Hz
Output Voltage	DC 21V 3.0A
Charging Time	45 min for 2.0Ah battery 60 min for 4.0Ah battery

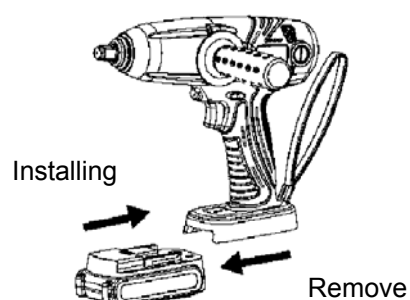
### Battery pack

Voltage	18V
Capacity Cell Type	2.0Ah & 4.0Ah Li-ion

## OPERATING INSTRUCTIONS

### Battery Pack Installation

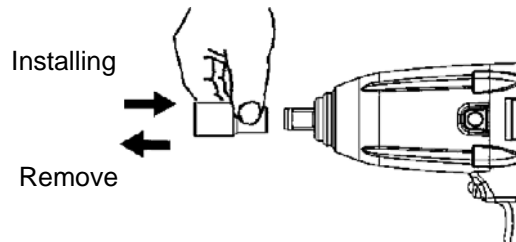
Double check battery pack was well installed, heard “click” sound and there no gap between the tool and pack housing.



## Operating Procedure

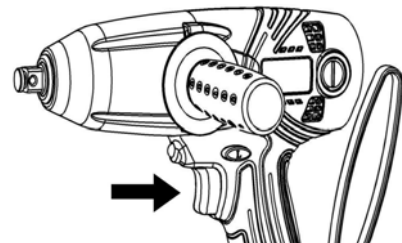
### Installing or removing socket

Make sure it will not come off if the socket is lightly pulled.



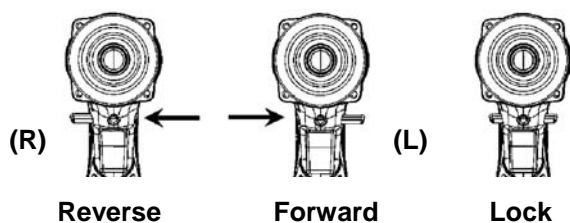
### Trigger action and Lighting up the LED light

- 1 : When the switch is depressed, the tool rotates.  
When the switch is released, the tool stops.
- 2 : The rotational speed can be controlled by varying the amount that the switch is pressed. Speed is low when the switch is pressed slightly and increases as the switch is pressed more.
- 3 : The LED will light when you depress the switch.



**\*\*Do not face to the tool when the tool is rotating.**

### Forward/reverse switch lever



This tool has a forwarding/reversing switch lever to change the direction of rotation.

Depress the reversing switch lever “R” for clockwise rotation or “L” for counterclockwise rotation.

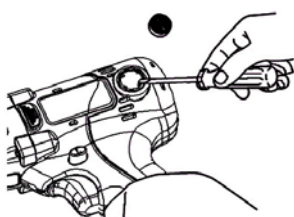
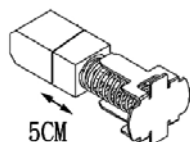
**\*\*When not operating the tool, always set the forwarding/reversing switch lever to the neutral position.**

### Installing and removing the handle



**\*\*Make sure the tool is stopping rotate before installing or removing the handle.**

### Replacing carbon brushes



Remove and check the carbon brush regularly. Replace when they wear down to the limit mark (5mm). Both carbon brushes should be replaced at the same time. Use only identical carbon brushes.

Use a screwdriver to remove the brush holder caps. Take out the worn carbon brushes, insert the new ones and secure the brush holder caps.



# KING TONY

**KING TONY TOOLS CO., LTD.**

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**EC DECLARATION OF CONFORMITY  
FOR NON-ANNEX IV MACHINERY  
IN ACCORDANCE WITH  
MACHINERY SAFETY DIRECTIVES**

**2004/108/EC**

WE, **KINGTONY TOOLS CO., LTD.** HEREBY CERTIFY THAT THE MACHINERY DESCRIBED BELOW CONFORMS WITH THE ESSENTIAL HEALTH AND SAFETY REQUIREMENTS OF MACHINERY SAFETY DIRECTIVES 2006/42/EC 、 2014/35/EU AND 2004/108/EC ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO THE SAFETY OF MACHINERY,

PRODUCT NAME : RECHAGEABLE CORDLESS BRUSHLESS MOTOR  
IMPACT WRENCH MODELS :

**44704MPA,44704MPB,44704MPD  
44704MPA01,44704MPB01,44704MPD01**

AND COMPLY WITH THE PROVISIONS SET OUT IN THE FOLLOWING  
EUROPEAN STANDARD:

FCC CFR 47, Part 15 SubpartB/ CISPR 22 3rd Edition: 1997, Class B  
ANSI C63.4:2009  
Canadian ICES-003 issue 5(2012)  
EN55014-1:2006+A1:2009+A2:2011  
EN55014-2:1997+A1:2001+A2:2008,IEC 61000-4 Series  
AS/NZS CISPR 14.1:2010



**DATE OF ISSUE: 10<sup>th</sup> November 2015**

**NAME: Lin Hsien-Wen**

**POSITION/TITLE: General manager**

**SIGNATURE: *Lin Hsien-Wen***

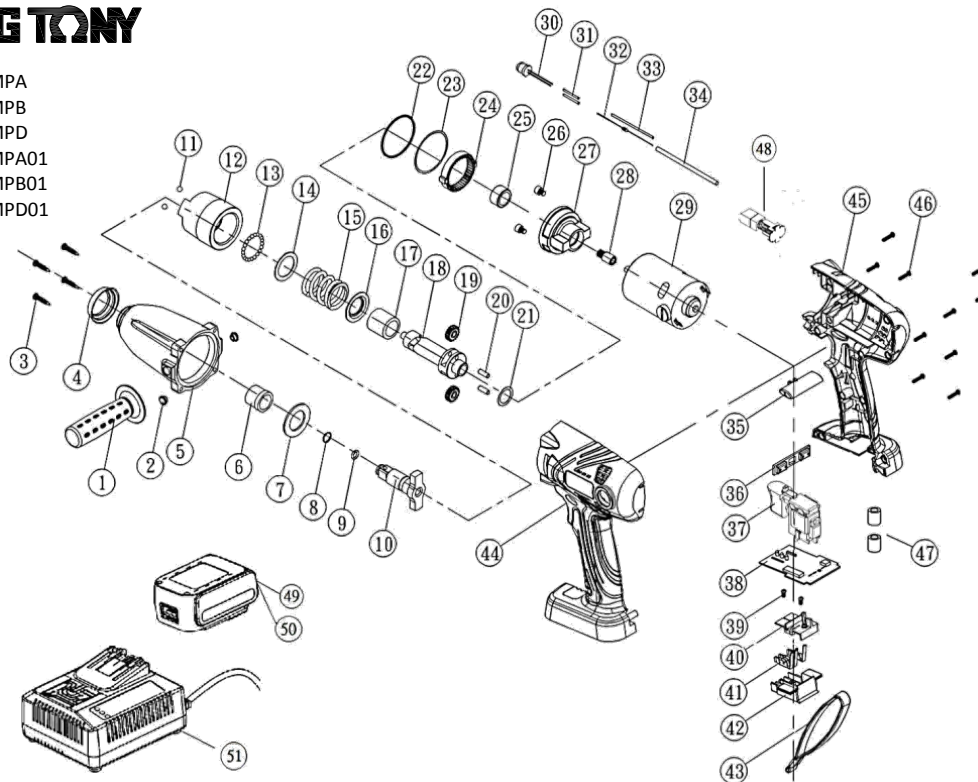
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# 1/2" DR. CORDLESS IMPACT WRENCH



ITEM NO. 44704MPA  
44704MPB  
44704MPD  
44704MPA01  
44704MPB01  
44704MPD01



INDEX NO.	KT No.	DESCRIPTION	REQ'D NO.	INDEX NO.	KT No.	DESCRIPTION	REQ'D NO.
1	038431-A01	Handle grip	1	29	038431-A29	Motor	1
2	038431-A02	Screw plugger	2	30	038431-A30	LED	1
3	038431-A03	Torx screw	4	31	038431-A31	Heat shrink tube	2
4	038431-A04	Protection cover	1	32	038431-A32	Resistor	1
5	038431-A05	Front cover	1	33	038431-A33	Heat shrink tube	1
6	038431-A06	Bushing	1	34	038431-A34	Heat shrink tube	1
7	038431-A07	Washer	1	35	038431-A35	Forward / Reverse lever	1
8	038431-A08	Anvil ring	1	36	038431-A36	Thermostst	1
9	038431-A09	O-ring	1	37	038431-A37	Trigger	1
10	038431-A10	Shaft	1	38	038431-A38	PC Board	1
11	038431-A11	Steel ball	2	39	038431-A39	Screw	2
12	038431-A12	Hammer	1	40	038431-A40	Contactor cover	1
13	038431-A13	Steel ball	20	41	038431-A41	Terminal	3
14	038431-A14	Washer	1	42	038431-A42	Contactor seat	1
15	038431-A15	Spring	1	43	038431-A43	Strap	1
16	038431-A16	Spring seat	1	44	038431-A44	Housing (bottom)	1
17	038431-A17	Lock ring	1	45	038431-A45	Housing (top)	1
18	038431-A18	Transmission shaft	1	46	038431-A46	Torx screw	10
19	038431-A19	Planet gear	2	47	038431-A47	Magnet ball	1
20	038431-A20	Solid pin	2	48	038431-A48	Carbon brushes	2
21	038431-A21	Washer	1	49	038122P04	4.0Ah battery	1
22	038431-A22	Gear ring stopper	1	50	038122P02	2.0Ah battery	1
23	038431-A23	O-ring	1	51	038122P03A	Charger	1
24	034831-A24	Gear ring	1	TK1	044704-ATK1	Output Shaft Group ( incl.4.5.6.7.8.9.10 )	
25	034831-A25	Needle bearing	1	TK2	044704-ATK2	Shaft Group (incl.11.12.13.14.15.16.17.18.19.20 )	
26	034831-A26	Hex screw	2	TK3	044704-ATK3	Gearbox Group(incl.22.23.24.25.26.27 )	
27	034831-A27	Gear box	1	TK4	044704-ATK4	Motor Group ( incl.28.29 )incl 4pcs Capacitance/Heat shrink tube	
28	034831-A28	Motor gear	1	TK5	044704-ATK	Switch Group (incl 30.31.32.33.34.36.37.38.39.40.41.42.47)	

44704MPA	Europe	2.0Ah battery*1 4.0Ah battery*1 18V2.0 Charger
44704MPB	America/Asia	
44704MPD	Australia& New Zealand	

44704MPA01	Europe	4.0Ah battery*2 18V4.0 Charger
44704MPB01	America/Asia	
44704MPD01	Australia& New Zealand	



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