

MEMO

Aimsak

Operation Instructions

BLDC

BL14G50

14.4 V Brushless Angle Grinder



BL14G50

Index

- 1. Specification 2
- 2. Exploded view 2
- 3. Safety Instructions 3~6
- 4. Grinder Safety Rules 6~7
- 5. Operating Instructions 8~15
- 6. Maintenance & Storage 15
- 7. Warranty 16

※ Product images may differ from the actual product.

△ To ensure safety, make sure that you read, understand and observe the safety instructions.

[CAUTION]

Do not use too much force to use the tool. Select the right tool for the purpose and application to enhance work efficiency. Be advised that any use of a tool that doesn't meet its specifications may result in decreased performance and shortened lifespan.

Aimsak

MADE IN KOREA <2019-01>

PU010044

Aimsak Inc.

【 Tool Specification 】

► Specification

※ Check model number of purchased product and read operation instructions.

Spec	Model	BL14G50
		14.4V Brushless Angle Grinder
Voltage		DC 14.4 V
No load speed	Level 1: 3,000 / Level 2: 5,000 / Level 3: 7,500	
Disc diameter		100 mm (5 inch)
Spindle		M14
Battery		Li-ion 14.4 V / 6.0 Ah
Net Weight		1.79 kg
Switch		Various Speed Control
Charger		ALC 3540M
Charger input		AC 220-240 V / 50-60 Hz

※ B52P14A, B60P14A(5.0Ah, 6.0Ah) battery is recommended for this tool. Using other spec. battery may cause low performance and efficiency. Use of low capacity (1.3Ah, 1.5Ah) is not recommended.

※ Aimsak battery is designed to be used for Aimsak products only. For same voltage (ex. 21.6V, 18V, 14.4V, 10.8V, 7.2V), battery is compatible in regardless of its capacity (Ah) if battery type (ex. slide, plug-in) is same.

► Other content type

※ Bare tool : 1 type of tool (battery, charger sold separately)

【 Exploded View 】

※ Product exploded view is subject to change without notice due to change of function and parts for product improvement



※ Product exploded view is subject to change without notice due to change of function and parts for product improvement.

► Contents

※ Check model number of purchased product and read operation instructions.

Contents	Model	BL14G50
Cordless Tool		1 EA
Battery		2 EA
Charger		1 EA
Spanner		1 EA
Handle		1 EA
Operation Instructions		1 EA
Plastic Case		1 EA

Part Name

NO.	Part Name	Q'ty
1	Housing	1
2-1	Rotor	1
2-2	Stator	1
3	Switch	1
4-1	Gear Box - A	1
4-2	Gear Box - B	1
5	Star Screw (4x25, T15)	4
6	Nut (M6)	1
7	Gear Pinion	1
8	Housing Clamp	2
9	Handle	1
10	Button	1
11	Spring	1
12	Switch Pole	1
13	Dust Protection	1
14	Nut (M4)	1
15	Belt Hook	1
16	Bolt (M4x8)	1
17	Star Screw (3x15, T10)	4
18	Star Screw (M4x12, T15)	4
19	Protection Cover (5")	1
20	Inner Flange	1
21	Outer Flange	1
22	Spanner	1
23	Charger	1
24	Battery	2

* Belt Hook : Sold Separately

【 Safety Instructions 】

Please read the Manual thoroughly and observe the safety instructions. Keep manual in a safe and handy place for easy reference.

Make sure to observe the following safety instructions at all times to remain safe from electric shock, fire or any other hazard while using or charging the tool. Do not become careless or inattentive after becoming familiar with its usage; always follow the safety rules. Any violation of the safety instructions or incorrect use of the tool may result in serious injury. The terms "power tool" in the CAUTION refers to either electric or battery-operated power tool.

1. Work area

- Keep work area clean and well lighted. Cluttered and dark area may cause injuries.
- Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Power tools create sparks which may ignite the dust or fumes.
- Keep children and bystanders away while operating power tool. Distractions can cause you to lose control.

2. Electrical safety

- Power tool plugs must match the outlet. Never modify the plug in anyway. Do not use any adapter plugs with earthed(grounded) power tools. Unmodified plugs and matching outlets will reduce risk of electric shock.
- Avoid body contact with the earthed or grounded surface, such as pipes, radiators, or refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.
- Do not expose power tools to rain or wet conditions. water entering into power tool will increase the risk of electric shock.
- Do not abuse the cord. Never use the cord of carrying, pulling or unplugging the power tool. Keep the cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.
- When operating power tools at outdoor, use an extension cord suitable for outdoor use. Use of a cord suitable for outdoor reduces the risk of electric shock.
- If operating a power tool in a damp location is unavoidable, use a residual current device(RCD) protected supply. Use of a RCD reduces the risk of electric shock.
- When working on possible contact of wire or cord with hidden fastener, grab insulated surface of power tools. If fastener contacts with "conductive" wire, exposed metal part of power tools can be conducted and there is risk of electric shock.
- Use appropriate power input for charger.

3. Personal safety

- Stay alert, watch what you are doing and use common sense when operating power tools. A moment of inattention while operating power tools may result in serious personal injury.
- Do not use power tools while you are tired or under the influence of drugs, alcohol or medication. Inattention while operating power tools may result in serious personal injury.

► **Use personal protective equipment. Always wear eye protection.**

The use of protective equipment such as dust mask, non-skid safety shoes, hard hat or hearing protection under appropriate conditions will reduce the risk of personal injury.

► **Be careful to not start the tool accidentally. Ensure the switch is in the OFF position before connecting to a power source and/or battery pack, picking up or carrying the tool.**

Carrying power tools with a finger on the switch or turning tools on while their switch is in the ON position invites accidents. Place reversing lever in neutral position while storing or carrying the tool. Remove any adjusting key or wrench before turning the power tool on.

A wrench or a key left attached to a rotating part of the power tool may result in personal injury.

► **Do not use the tool in an awkward position. Keep proper footing and stay balanced at all times to enable better control of the power tool in unexpected situations.**

► **Dress properly. Do not wear loose clothing or jewelry. Keep hair, clothing and gloves away from moving parts.**

Loose clothes, jewelry or long hair can be caught in moving parts.

► **When using dust-proof equipment or dust collector, make sure that it is properly connected.**

The use of such unit can reduce dust-related hazards.

4. Power Tool Use and Care

► **Do not use too much force when using the tool.**

Select the right tool for the purpose and application to enhance work efficiency and safety. Be advised that any use of a tool that doesn't meet its specifications may result in decreased performance and shortened lifespan.

► **Do not use a tool with a broken power switch.**

Any power tool with a broken switch is dangerous and must be repaired.

► **Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories or storing power tools.**

These preventive safety measures reduce the risk of the accidental start of power tools.

► **Keep power tools out of the reach of children. Do not allow a person who is unfamiliar with the power tools or has failed to read the Manual to operate them.**

Power tools can be dangerous in the hands of untrained users.

► **Handle power tools with caution. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool operation.**

If any defect is found, make sure that it is repaired before use. Poor maintenance often causes accidents.

► **Keep cutting tools sharp and clean. Well-managed cutting tools with sharp cutting edges are well operated and easy to control.**

► **Before using power tools, accessories and tools, observe the instructions and guidelines for a particular type and consider work conditions and details.**

The use of such items for purposes other than those specified herein may result in hazardous situations.

► **Before operation, tightly fix the work piece. Do not hold it by hand.**

This may result in bodily injury. Make sure that it is fixed by a holding device before operation.

► **Check if the power is switched off before connecting the power cable or inserting the battery.**

If the battery is inserted when the power is ON, an accident may occur.

► **If a tool halts due to overload during operation, stop the operation immediately.**

If it is used in overload conditions, its lifespan can drop considerably.

► **If a rechargeable tool or charger having a USB port is used, make sure that there is no short between USB connector pins.**

Shorts may result in fire or explosion.

5. Cautions for Battery and Charger

► **Do not use the battery and charger in the vicinity of flammable materials (e.g., lacquer, paint, benzene, thinner, gasoline, etc.).**

Doing so can lead to fire or explosion.

► **Do not expose the battery and charger to sunlight or other high-temperature environments, and keep away from fire.**

Failure to do so may cause fire or explosion.

► **Check if the battery and charger terminals are stained with metal powders or dirt.**

Such contamination may result in electric shock.

► **Do not leave the tool in a place where strong static electricity can occur.**

Doing so may result in fire or explosion.

► **Make sure that there is no small metal pieces**

(e.g., chuck adapter, nail, clip, coin, etc.) near the battery and charger.

Such metal can cause a short and result in fire.

► **Do not expose the battery or charger to wet or humid environments. Keep it dry at all times.**

If it is wet, overcurrent may occur, causing overheating, fire, electric shock or fault.

► **Do not keep the battery or charger together with small metallic pieces**

(e.g., screw, metallic adapter, nail, solder wire, cross bit, drill bit, metal clip/powder, etc.) in a plastic box or toolbox.

Doing so can generate shorts and lead to fire or explosion.

6. Li-ion Battery Instructions

Li-ion batteries can give 100% performance when they are charged at any amount or are not completely discharged.

※ Li-ion batteries do not have a memory effect.

What is 'memory'?

At first use or after being left unused for a long time, the battery has 70-80% of its original storage capacity.

► **Do not expose the battery to rain or water.** A battery short circuit causes overcurrent and can result in overheating, fire or faults.

► **After charging, make sure that the battery is stored with a cover.**

▶ Use the proper batteries for each power tool.

- The use of wrong batteries may result in bodily injury or fire.
- ▶ **If a tool is continuously operated until a battery pack is discharged, cool it down at room temperature for about 10 minutes prior to battery replacement.** This measure can reduce the risk of battery and tool damage.
- ▶ **If batteries are hot, make sure that they are cooled before being charged.** They have a NTC temperature sensor for charging at 0-45°C only, which in turn extends their lifespan. They will not charge in a different temperature range. If the temperature returns back to the normal range, charging will resume. If used in normal conditions, Li-ion batteries can be charged more than 2,000 times.
- ▶ **Secondary batteries have their lifespan as well.** If a battery life shortens, contact the customer service center for battery replacement.
- ▶ **Do not store batteries fully discharged. If they are left unused for a long time, make sure that they are charged.** If fully discharged, batteries may not charge anymore. Please contact the customer service center.
- ▶ **Do not disassemble the batteries under any circumstances.**
- Keep them safe from external shock. Short circuits may result in a fire or explosion.

7. Li-ion Charger Instructions

- ▶ **Do not use the charger for purposes other than charging.**
- ▶ **Check the battery voltage prior to charging. Do not use unauthorized batteries.** Use the batteries specified in the Manual only. Failure to do so may lead to fire or explosion.
- ▶ **Check the power plug and cord before using the charger.** Any defect may result in a fault or electric shock.
- ▶ **Do not carry or hang the charger by the power cord. Do not unplug the cable from the outlet by the power cord.** Keep the charger safe from heat, moisture and sharp edges. Failure to do so may lead to a short circuit.
- ▶ **If the charger is damaged or overheated, unplug the power cable immediately.** Charging under such abnormal conditions may lead to fire or explosion.
- ▶ **Do not charge the battery in a plastic box or closed toolbox.** Doing so may result in fire or explosion.
- ▶ **Do not connect the charger to the DC outlet, engine generator, booster and transformer.** Doing so may lead to fire or explosion.
- ▶ **Do not cover the vent during charging.** Make sure that no metal or steel chip enters into the hole as these may cause fire or explosion.
- ▶ **Do not use the charger in a closed space. Use in well-ventilated environments.**
- ▶ **Do not cover with cloth or any other material while charging.** Doing so may lead to fire.
- ▶ **Do not disassemble the charger.** Doing so may lead to fire or fault.
- ▶ **Unplug the power cable after charging.** Failure to do so may result in fire or explosion.

8. Services

- ▶ **To repair a power tool, battery and charger, contact our customer service center.** Make sure that genuine parts are used for such repair to extend their safety.
- ▶ **Ensure that power tools are under proper care and management. Check that they are undamaged and function normally.** It is also important to check all conditions which can influence the operation of tools. If any abnormality is detected, repair before use. Unless the tools are properly repaired and managed, an accident can occur.
- ▶ **If any problem is found, contact our authorized customer service center.**

⚠ Grinder Safety Rules

- ▶ **The wheel guard must be securely attached to the power tool and positioned for maximum safety.** The guard helps to protect operator from broken wheel fragments and accidental contact with wheel.
- ▶ **Always use proper wheel guard with grinding wheel.** The guard protect operator from broken wheel fragments.
- ▶ **Do not use accessories which are not specifically designed and recommended by the tool manufacturer.** Just because the accessory can be attached to your power tool, it does not assure safe operation.
- ▶ **Wear personal protective equipment such as dust mask, safety glasses, hearing protectors, gloves and workshop apron.** It can protect operator from broken wheel fragments.
- ▶ **Keep bystanders and children a safe distance away from work area.** Fragments of workpiece or a broken accessory may fly away and cause injury beyond immediate area of operation.
- ▶ **Before using the tool on an actual workpiece, let it run for a while.** Watch for vibration or wobbling that could indicate poor installation or a poorly balanced wheel.
- ▶ **Do not use the water or grinding lubricant.** It may result in electric shock, fire or serious personal injury.
- ▶ **Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** Power tools create sparks which may ignite the dust or fumes.
- ▶ **Only use accessory or attachment for its stated purpose.** Use of accessory and wheel for operations different from those intended could result in a hazardous situation.
- ▶ **Accessories must be rated for at least the speed recommended on the tool warning label.** Wheels and other accessories running over rated speed can fly apart and cause injury.
- ▶ **The arbour size of wheels, flanges or any other accessory must properly fit the spindle of the power tool.** Accessories with arbour holes that do not match the mounting hardware of the power tool will run out of balance. Vibrate excessively and may cause loss of control.
- ▶ **The outside diameter and the thickness of your accessory must be within the capacity rating of your power tool.** Incorrectly sized accessories cannot be adequately guarded or controlled.
- ▶ **Maintain a firm grip on the power tool and position your body and arm to allow you to resist kickback forces.** The operator can control torque reactions or kickback forces, if proper precautions are taken.
- ▶ **Never place your hand near the rotating accessory.** Accessory may kickback over your hand.
- ▶ **Always be sure that the tool is switched off and unplugged before carrying out any work on the tool.**
- ▶ **Always be sure that the tool is switched off and unplugged before replacing the battery.**
- ▶ **The tool and its air vents have to be kept clean.** The dust and powdered metal in the tool may cause electrical hazards.



Wear no-slip safety shoes



Wear hand protection



Wear hard hat



Wear eye protection



Wear hearing protection



Wear dust mask



Read the instruction manual

【Operating Instructions】

◆ Tool operation

- ※ B52P14A, B60P14A(5.0Ah, 6.0Ah) battery is recommended for this tool.
Using other spec. battery may cause low performance and efficiency.
Use of low capacity (1.3Ah, 1.5Ah) is not recommended.

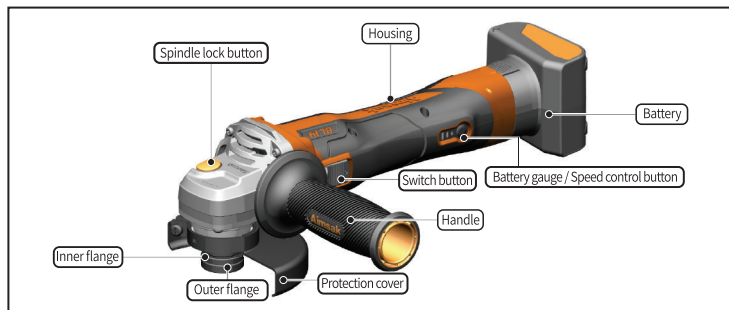
▶ Cautions before Operation

In the event of an overcurrent in Li-ion batteries, the switch cuts off an electrical current, and the tool stops. At over-discharge, the tool is automatically stopped to protect the Li-ion batteries. This function is protection for Li-ion batteries.

- ※ Any stopping during operation because of overload is not a fault. It is safe to resume operations.

※ Continuous load work causes high temperature of gear box surface.

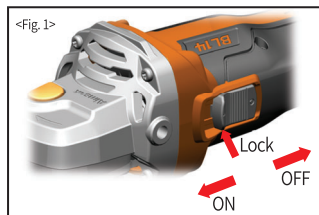
Make sure to wear gloves to prevent burn damage.



▶ Switch <See Fig. 1>

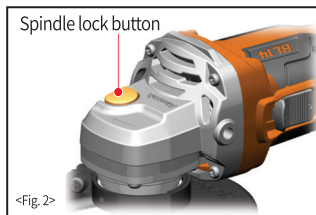
Make sure that switch button is at OFF position before inserting the battery.

Push switch button to ON position to power on the tool. For continuous work, press front of switch button to lock it. Pay attention and securely hold the tool if switch button is locked.



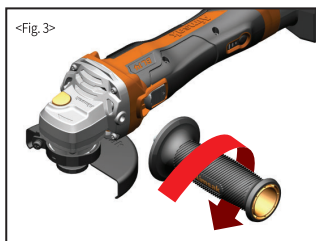
▶ Spindle lock <See Fig. 2>

Do not press spindle lock button while disc / wheel is spinning. It will damage the tool.



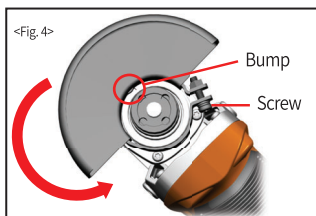
▶ Placing handle <See Fig. 3>

Make sure to securely place handle before running the tool. Place and tighten the handle in place as shown in figure 5.



▶ Placing protection cover <See Fig. 4>

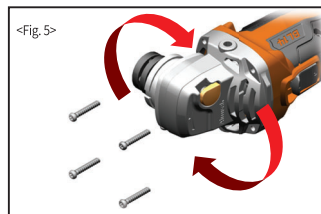
Align a bump on protection cover and a bump on gear box and place protection cover on gear box. Turn protection cover 180° counter clockwise and fasten the screw tightly. For turning protection cover angle, loose the screw a bit and turn it to desired angle, and fasten the screw tightly.



► Rotating gear box <See Fig. 5>

Remove the battery before rotating the gear box.

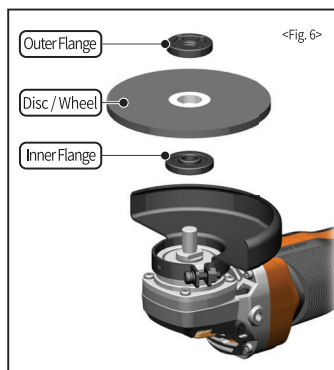
Gear box can be rotated by 90° interval. User can have better switch button angle for any special work of the tool. Remove protection cover, inner flange, outer flange, and 4 screws. Turn the gear box to desired angle without removing it from main body and fix it by 4 screws.



► Placing or removing grinding disc or cutting wheel.

- ⚠ Remove the battery before placing or removing grinding disc or cutting wheel.
- Make sure to securely fasten outer flange. Otherwise, disc or wheel can fly off from the tool because of loose outer flange and may cause serious injury.
- Use spindle lock only when placing or removing grinding disc or cutting wheel
- Do not press spindle lock while the tool is in use.

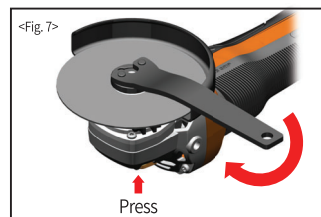
Place inner flange at spindle. Place disc/wheel on inner flange. Place outer flange on disc/wheel and fasten it tightly.



► Fastening outer flange <See Fig. 7>

Press spindle lock so that spindle does not move during fastening outer flange. Use spanner clockwise to fasten outer flange.

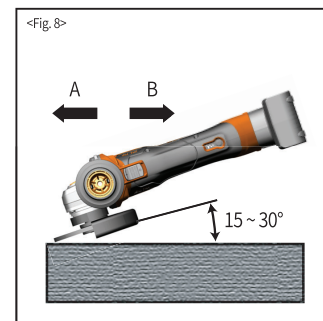
※ Follow reverse order for removing/replacing disc/wheel.



► Grinding work <See Fig. 8>

Use the abrasive disc for grinding work. Do not use cutting wheel.

Make sure to hold the tool body and handle by both hands. Generally, grind by the edge of wheel or disc with 15 to 30° angle. Do not work to "A" direction when you use new disc because the disc edge may cut into the workpiece. Use "A" and "B" direction after the edge of disc becomes round shape.

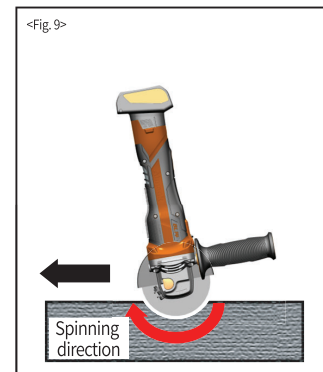


► Cutting work <See Fig. 9>

Apply appropriate force to forward direction for workpiece cutting work.




Do not start cutting by contacting workpiece. Wait until cutting wheel reached to its setting speed, and move the tool carefully towards workpiece. Starting the cutting wheel at workpiece may cause no spinning of wheel, tool move towards operator or kick-back. Do not apply too much force to cutting wheel. Do not slant or apply vibration. Do not try to stop the cutting wheel when it is slowing down the spinning.

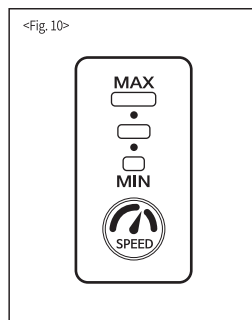
Use the tool towards spinning direction. It is better to start cutting from smallest corner for cutting side and square frame. Use cutting wheel for cutting work.



► Speed Level Display <See Fig. 10>





LED of speed level blinks 6 times when speed control button is pressed. Speed changes to level 3 > level 2 > level 3 each time when button is pressed. Tool Speed setting is saved to machine after 1 second and remains even after battery is changed.

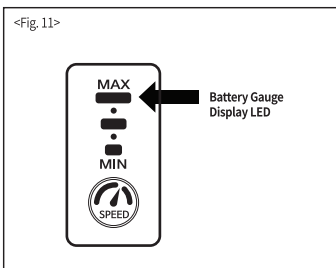
LED Display	No load speed
Level 3  6 time LED blinking	7,500 rpm
Level 2  6 time LED blinking	5,000 rpm
Level 1  6 time LED blinking	3,000 rpm



► Battery Gauge Display <See Fig. 11>



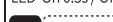
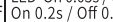
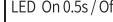

LED of speed level display on top of tool lights up a couple of seconds when trigger is pulled. Check the battery remaining as below.

LED Display	Battery Remaining
 3 lights on	(over) 80%
 2 lights on	(over) 50%
 1 light on	(over) 20%
 No lights	20% or less



► Safe Mode Display

- LED light shows as below for abnormal status of tools.
- Battery gauge LED lights up for 3 seconds.

Issue	LED Display On Off	How to solve
Terminal contact failure	LED On 0.7s / Off 0.3s 	Contact designated repair center by Aimsak or the customer service center.
High temperature battery protection	LED On 0.7s / Off 0.3s 	Let the tool cool down before use. Do not overload the tool.
High temperature switch protection	LED On 0.3s / Off 0.7s 	Let the tool cool down before use. Do not overload the tool.
Overcurrent cut-off	LED On 0.05s / Off 0.1s On 0.2s / Off 0.65s (2 times Flashing) 	Avoid the work out of tool ability range.
Motor sensor detection error	LED On 0.5s / Off 0.5s 	Contact designated repair center by Aimsak or the customer service center.
Low voltage	LED Off 	Contact designated repair center by Aimsak or the customer service center.

► Battery Charger Troubleshooting

1. LED light is not turned on when the battery is inserted

Cause	Solution
The power cord is not plugged in.	Check the power connection.
Contact error because the charger terminal is corroded or bent.	Check the charger and battery terminals.
Battery is short-circuited.	Insert another battery, and check if the charger functions normally.

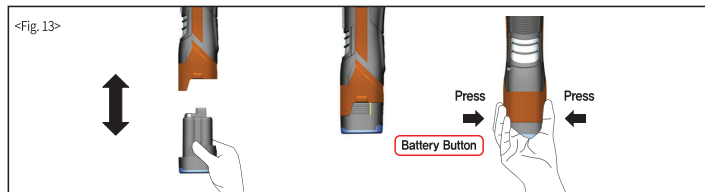
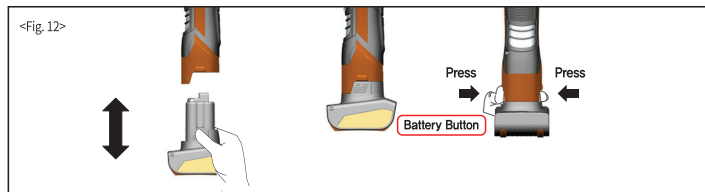
2. Any colored LED light other than red is turned on when the battery is inserted

Cause	Solution
Battery temperature is high.	If the battery is hot, the green and red LED lights will be turned on simultaneously. Wait until the battery is cooled enough, and then reinsert it.
Battery temperature is low.	If the battery is cold, the LED light is OFF even though it is inserted into a charger. Leave the battery at room temperature. Once battery temperature rises to a rechargeable level, reinsert the battery.
Battery is at low voltage.	If the battery remains at low voltage due to over-discharge, the green and red LED lights will be turned on simultaneously in the beginning. This is a trickle charge mode activated to protect the battery. Check if the battery has returned to normal (red LED light) in a few minutes.

※ If the problem continues despite the said actions, contact designated repair center by Aimsak or the customer service center.

▶ Battery Installation and Removal <See Fig. 12, 13>

- Do not use too much force to insert the battery.
- Push up the battery until a click is heard. Failure to do so may cause the battery to be removed from the tool.
- To remove the battery, press buttons at two sides of battery and pull down.
- Do not insert the battery when trigger is pulled.



※ Belt Hook (Sold separately)

▶ How to apply Belt Hook <See Fig. 14, 15>

Belt hook can be placed on either side (left, right) of tool. Remove the battery, and drill Ø4~Ø5 hole on belt hook groove on desired side by drill bit. Place belt hook and nut on desired side and fasten the screw.

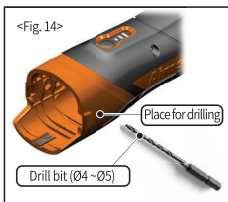
Fasten the screw tightly when placing belt hook.

Otherwise, belt hook can be loosened and having the tool damaged

Place belt hook on opposite side of cutting blade, and make sure to not have unexpected running of the tool.

Otherwise, losing control of power tool can be resulted in serious personal injury.

Do not place the tool on waist belt.



▶ Applicable Charger per Battery

	Voltage	Battery	Applicable Charger
	14.4 V	B13P14 B15P14 B13P14N B15P14N	
		B20P14A B26P14A B30P14A	
		B40P14A B52P14A B60P14A	

※ To ensure the lifespan and safety of batteries, use ALC3540 or ALC3540M only for charging.

※ For charging B20P14A, B26P14A, B40P14A, B52P14A, B60P14A use charger that provides individual battery cell voltage check [ALC3540, ALC3540M]

→ Individual battery cell voltage balancing circuit prevents overcharging and extends battery lifespan and safety.

→ They are not compatible with ALC3530 charger.

▶ Charger LED display indication

LED display	Meaning
Standby	▶ Ready for charging
Charging	▶ Charging battery
Charged	▶ Battery fully charged
Battery High Temperature	▶ Charging is on hold due to out of possible charging temperature range of battery. (0~45°C) (Charging automatically starts when battery temperature reaches allowable temperature range.)
Battery Low Voltage	▶ Charger is in pre-charging mode due to low voltage of battery. (Charging automatically starts when battery voltage reaches allowable range.)

【Maintenance & Storage】

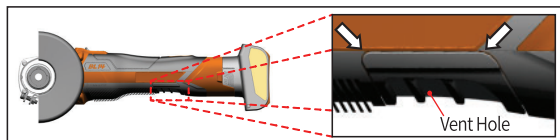
Make sure that the switch is turned off and the power supply disconnected before repair and maintenance. Keep the tool and vents clean at all times for safe and right operation.

▶ Check and clean the tool regularly.

▶ Check regularly whether screws are loose and make sure to fasten them.

▶ This product makes much dusts (metal, stone). Make sure to wear protective gear and mask. Piled up dusts in inside of product and causes malfunction. Visit repair center or customer service center in 6 month ~ 1 year interval to have its inspection

- ▶ Keep power tools out of reach of children.
- ▶ Keep power tools in dry and shaded place.
- ▶ Use sharp material, such as tweezers, according to arrow direction to remove dust protection. Clean it to keep it well vented.



◆ Noise / Vibration

- ▶ Wear earplugs
- ▶ According to measurement under EM 50260-1:199, the average noise level of 'A' is 78 dB(A) or below. During operation, noise can exceed 85 dB(A). The standard violation applied to the hands and arms is 2.5m/sq or less.

【Warranty】

- ▶ **The term of warranty for the product is one year from the date of purchase. Unless the date of purchase is specified, the date of manufacture is applied.** However, please note whether the problem falls under the category of a paid warranty even during warranty period.
 - The term of the warranty for the motor and battery is 6 months from the date of purchase.
 - The battery is a consumable item. If the battery life ends, a new one must be purchased

▶ Paid Warranty Guidelines

- User negligence (soaking, external shock, overload work, etc.)
- Natural disaster (fire, earthquake, etc.)
- Product was randomly disassembled by the user
- A fault resulting from repair or remodeling by a person/company other than Aimsak (or authorized agency)
- A fault arising from operation in unusual work environments
- Consumable items which become less efficient over time (carbon brush, bearing, sealing, power cord, chuck, etc.)
- Bit, hand tools, giveaway, promotional gift (e.g., lantern)

Use the product within the scope of operation specified in the Manual.

Failure to do so may result in product damage, reduction of lifespan or bodily injury. We shall not be responsible for such problems and they will not be covered by the warranty.

MEMO

MEMO

MEMO
