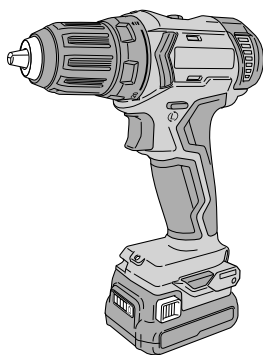
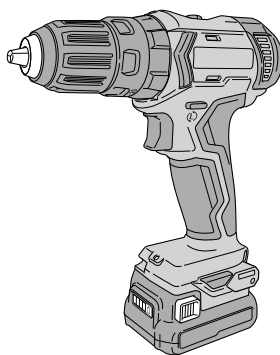


HIKOKI

DS 12DJ • DV 12DJ



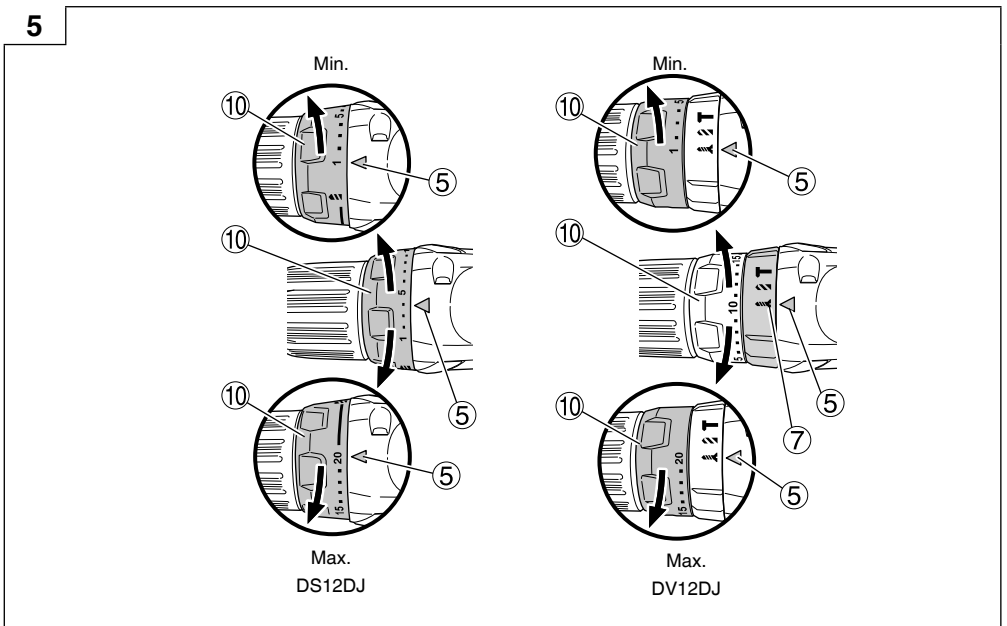
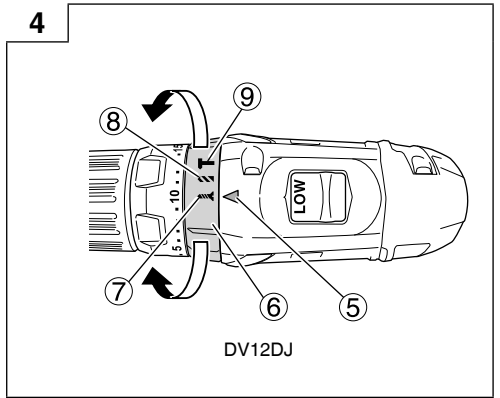
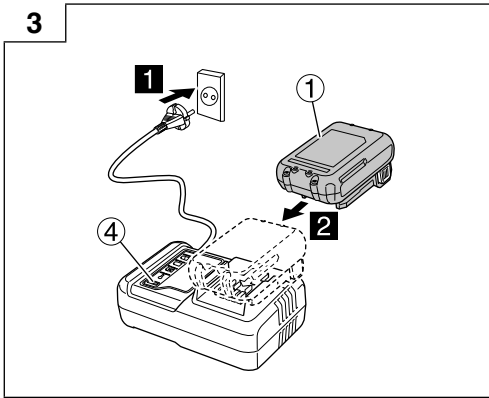
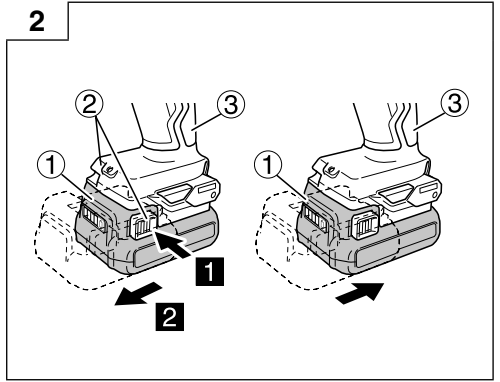
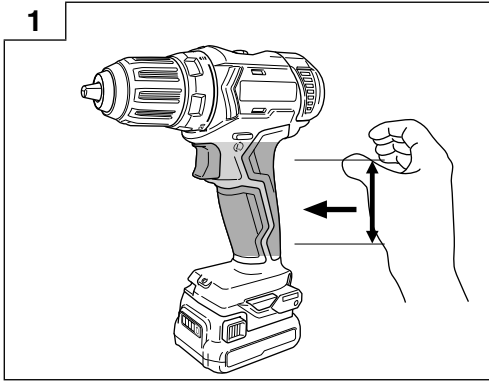
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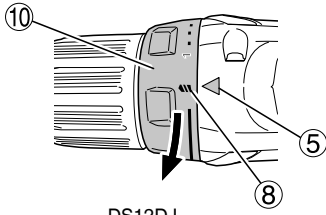
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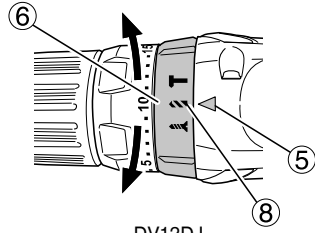
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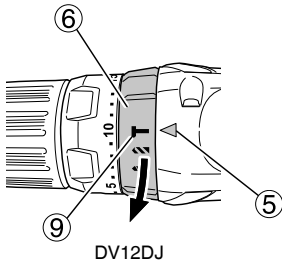


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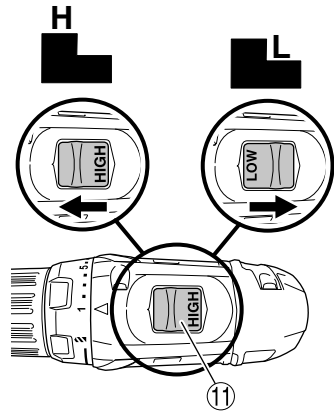
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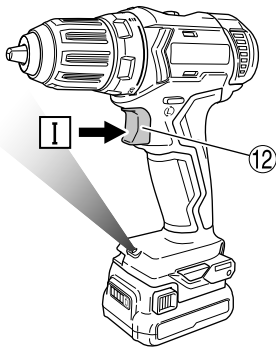


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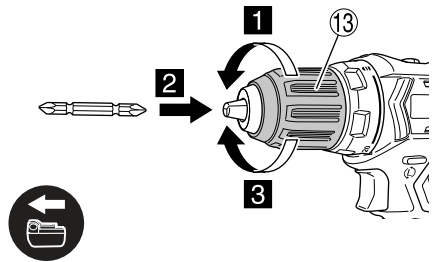
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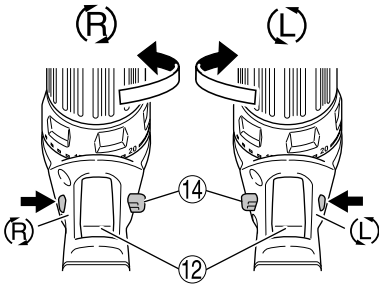
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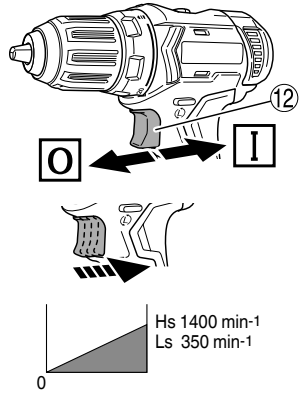
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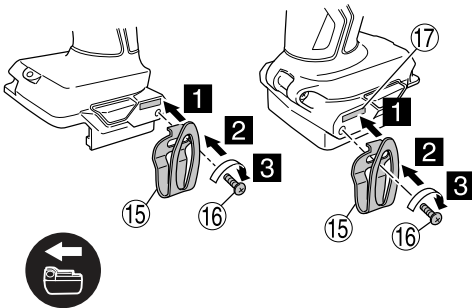
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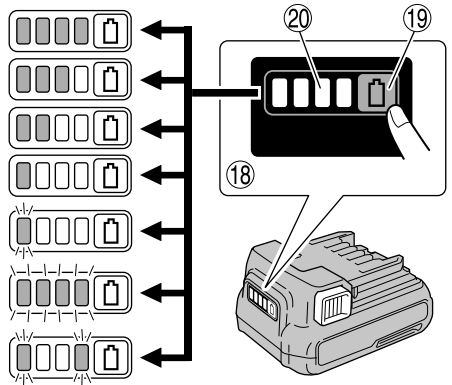
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14



GENERAL POWER TOOL SAFETY WARNINGS

WARNING

Read all safety warnings, instructions, illustrations and specifications provided with this power tool.

Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.

Save all warnings and instructions for future reference.

The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

1) Work area safety

- a) **Keep work area clean and well lit.**
Cluttered or dark areas invite accidents.
- b) **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.
- c) **Keep children and bystanders away while operating a power tool.**
Distractions can cause you to lose control.

2) Electrical safety

- a) **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.
- b) **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.
- c) **Do not expose power tools to rain or wet conditions.**
Water entering a power tool will increase the risk of electric shock.
- d) **Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts.**
Damaged or entangled cords increase the risk of electric shock.
- e) **When operating a power tool outdoors, use an extension cord suitable for outdoor use.**
Use of a cord suitable for outdoor use reduces the risk of electric shock.
- f) **If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply.**
Use of an RCD reduces the risk of electric shock.

3) Personal safety

- a) **Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.**
A moment of inattention while operating power tools may result in serious personal injury.
- b) **Use personal protective equipment. Always wear eye protection.**
Protective equipment such as a dust mask, non-skid safety shoes, hard hat or hearing protection used for appropriate conditions will reduce personal injuries.

- c) **Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool.**
Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.
 - d) **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.
 - e) **Do not overreach. Keep proper footing and balance at all times.**
This enables better control of the power tool in unexpected situations.
 - f) **Dress properly. Do not wear loose clothing or jewellery. Keep your hair and clothing away from moving parts.**
Loose clothes, jewellery or long hair can be caught in moving parts.
 - g) **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.**
Use of dust collection can reduce dust-related hazards.
 - h) **Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles.**
A careless action can cause severe injury within a fraction of a second.
- ### 4) Power tool use and care
- a) **Do not force the power tool. Use the correct power tool for your application.**
The correct power tool will do the job better and safer at the rate for which it was designed.
 - b) **Do not use the power tool if the switch does not turn it on and off.**
Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
 - c) **Disconnect the plug from the power source and/or remove the battery pack, if detachable, from the power tool before making any adjustments, changing accessories, or storing power tools.**
Such preventive safety measures reduce the risk of starting the power tool accidentally.
 - d) **Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.**
Power tools are dangerous in the hands of untrained users.
 - e) **Maintain power tools and accessories. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use.**
Many accidents are caused by poorly maintained power tools.
 - f) **Keep cutting tools sharp and clean.**
Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
 - g) **Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.**
Use of the power tool for operations different from those intended could result in a hazardous situation.

- h) **Keep handles and grasping surfaces dry, clean and free from oil and grease.**

Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.

5) **Battery tool use and care**

- a) **Recharge only with the charger specified by the manufacturer.**

A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.

- b) **Use power tools only with specifically designated battery packs.**

Use of any other battery packs may create a risk of injury and fire.

- c) **When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another.**

Shorting the battery terminals together may cause burns or a fire.

- d) **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.**

Liquid ejected from the battery may cause irritation or burns.

- e) **Do not use a battery pack or tool that is damaged or modified.**

Damaged or modified batteries may exhibit unpredictable behaviour resulting in fire, explosion or risk of injury.

- f) **Do not expose a battery pack or tool to fire or excessive temperature.**

Exposure to fire or temperature above 130°C may cause explosion.

- g) **Follow all charging instructions and do not charge the battery pack or tool outside the temperature range specified in the instructions.**

Charging improperly or at temperatures outside the specified range may damage the battery and increase the risk of fire.

6) **Service**

- a) **Have your power tool serviced by a qualified repair person using only identical replacement parts.**

This will ensure that the safety of the power tool is maintained.

- b) **Never service damaged battery packs.**

Service of battery packs should only be performed by the manufacturer or authorized service providers.

PRECAUTION

Keep children and infirm persons away.

When not in use, tools should be stored out of reach of children and infirm persons.

CORDLESS DRIVER DRILL / COMBI DRILL SAFETY WARNINGS

Safety instructions for all operations

<DV12DJ>

- a) **Wear ear protectors when impact drilling.**

Exposure to noise can cause hearing loss.

<DS12DJ / DV12DJ>

- b) **Hold the power tool by insulated gripping surfaces, when performing an operation where the cutting accessory may contact hidden wiring.**

Cutting accessory contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.

Safety instructions when using long drill bits

- a) **Never operate at higher speed than the maximum speed rating of the drill bit.**

At higher speeds, the bit is likely to bend if allowed to rotate freely without contacting the workpiece, resulting in personal injury.

- b) **Always start drilling at low speed and with the bit tip in contact with the workpiece.**

At higher speeds, the bit is likely to bend if allowed to rotate freely without contacting the workpiece, resulting in personal injury.

- c) **Apply pressure only in direct line with the bit and do not apply excessive pressure.**

Bits can bend causing breakage or loss of control, resulting in personal injury.

ADDITIONAL SAFETY WARNINGS

1. Make sure that the area to be drilled is absolutely free of any hidden obstructions including electrical wiring, water, or gas pipes. Drilling into the aforementioned may result in electric shock or short circuit, gas leak or other hazards that can cause serious accidents or injuries.
2. Make sure to securely hold the tool during operation. Failure to do so can result in accidents or injuries. (Fig. 1)
3. Secure the workpiece. A workpiece clamped with clamping devices or vice is held more secure than by hand.
4. Setting up and checking the work environment. Check if the work environment is suitable by following the precaution.
5. Do not allow foreign matter to enter the hole for connecting the rechargeable battery.
6. Never disassemble the rechargeable battery and charger.
7. Never short-circuit the rechargeable battery. Shortcircuiting the battery will cause a great electric current and overheat. It results in burn or damage to the battery.
8. Do not dispose of the battery in fire. If the battery is burnt, it may explode.
9. Bring the battery to the shop from which it was purchased as soon as the post-charging battery life becomes too short for practical use. Do not dispose of the exhausted battery.
10. Do not insert object into the air ventilation slots of the charger. Inserting metal objects or inflammables into the charger air ventilation slots will result in electrical shock hazard or damaged charger.
11. When mounting a bit into the keyless chuck, tighten the sleeve adequately. If the sleeve is not tight, the bit may slip or fall out, causing injury.
12. When changing the rotational speed with the shift knob, confirm that the switch is off. Changing the speed while the motor is rotating will damage the gears.
13. The clutch dial cannot be set between the numerals "1, 5, 10 ... 20" or the dots. Do not use with the clutch dial numeral between "20" and the line at the middle of the drill mark. Doing so may cause damage. (DS12DJ only)
14. Always use this unit with clockwise rotation, when using it as impact drill. (DV12DJ only)
15. Resting the unit after continuous work.
16. The power tool is equipped with a temperature protection circuit to protect the motor and the parts that control the driving of the motor. Continuous work may cause the temperature of the unit to rise, activating the temperature protection circuit and automatically stopping operation. If this happens, allow the power tool to cool before resuming use.

17. The motor may stop in the event the tool is overloaded. In this should occur, release the tool's switch and eliminate the cause of the overload.
18. The motor rotation may be locked to cease while the unit is used as drill. While operating the driver drill, take care not to lock the motor.
19. If motor is locked, immediately turn the power off. If the motor is locked for a while, the motor or battery may be burnt.
20. The use of the battery in a cold condition (below 0 degree Centigrade) can sometimes result in the weakened tightening torque and reduced amount of work. This, however, is a temporary phenomenon, and returns to normal when the battery warms up.
21. Install securely the hook. Unless the hook is securely installed, it may cause an injury while using. When electing to carry the tool hooked to your hip belt, make sure to detach the tool bit. Failure to do so may result in unexpected injury.
22. Do not look directly into the light. Such actions could result in eye injury.
Wipe off any dirt or grime attached to the lens of the LED light with a soft cloth, being careful not to scratch the lens.
Scratches on the lens of the LED light can result in decreased brightness.
23. Do not use the product if the tool or the battery terminals (battery mount) are deformed.
Installing the battery could cause a short circuit that could result in smoke emission or ignition.
24. Keep the tool's terminals (battery mount) free of swarf and dust.
 - Prior to use, make sure that swarf and dust have not collected in the area of the terminals.
 - During use, try to avoid swarf or dust on the tool from falling on the battery.
 - When suspending operation or after use, do not leave the tool in an area where it may be exposed to falling swarf or dust.
Doing so could cause a short circuit that could result in smoke emission or ignition.
25. Always use the tool and the battery at temperatures between -5°C and 40°C.
26. Always charge the battery at an ambient temperature of 0–40 °C.

CAUTION ON LITHIUM-ION BATTERY

To extend the lifetime, the lithium-ion battery equips with the protection function to stop the output.

In the cases of 1 to 3 described below, when using this product, even if you are pulling the switch, the motor may stop. This is not the trouble but the result of protection function.

1. When the battery power remaining runs out, the motor stops.
In such a case, charge it up immediately.
2. If the tool is overloaded, the motor may stop. In this case, release the switch of tool and eliminate causes of overloading. After that, you can use it again.
3. If the battery is overheated under overload work, the battery power may stop.
In this case, stop using the battery and let the battery cool. After that, you can use it again.

Furthermore, please heed the following warning and caution.

WARNING

In order to prevent any battery leakage, heat generation, smoke emission, explosion and ignition beforehand, please be sure to heed the following precautions.

1. Make sure that swarf and dust do not collect on the battery.
 - During work make sure that swarf and dust do not fall on the battery.
 - Make sure that any swarf and dust falling on the power tool during work do not collect on the battery.
 - Do not store an unused battery in a location exposed to swarf and dust.
 - Before storing a battery, remove any swarf and dust that may adhere to it and do not store it together with metal parts (screws, nails, etc.).
2. Do not pierce battery with a sharp object such as a nail, strike with a hammer, step on, throw or subject the battery to severe physical shock.
3. Do not use an apparently damaged or deformed battery.
4. Do not use the battery in reverse polarity.
5. Do not connect directly to an electrical outlets or car cigarette lighter sockets.
6. Do not use the battery for a purpose other than those specified.
7. If the battery charging fails to complete even when a specified recharging time has elapsed, immediately stop further recharging.
8. Do not put or subject the battery to high temperatures or high pressure such as into a microwave oven, dryer, or high pressure container.
9. Keep away from fire immediately when leakage or foul odor are detected.
10. Do not use in a location where strong static electricity generates.
11. If there is battery leakage, foul odor, heat generated, discolored or deformed, or in any way appears abnormal during use, recharging or storage, immediately remove it from the equipment or battery charger, and stop use.
12. Do not immerse the battery or allow any fluids to flow inside. Conductive liquid ingress, such as water, can cause damage resulting in fire or explosion. Store your battery in a cool, dry place, away from combustible and flammable items. Corrosive gas atmospheres must be avoided.

CAUTION

1. If liquid leaking from the battery gets into your eyes, do not rub your eyes and wash them well with fresh clean water such as tap water and contact a doctor immediately.
If left untreated, the liquid may cause eye-problems.
2. If liquid leaks onto your skin or clothes, wash well with clean water such as tap water immediately.
There is a possibility that this can cause skin irritation.
3. If you find rust, foul odor, overheating, discolor, deformation, and/or other irregularities when using the battery for the first time, do not use and return it to your supplier or vendor.

WARNING

If a conductive foreign matter enters in the terminal of lithium ion battery, the battery may be shorted, causing fire. When storing the lithium ion battery, obey surely the rules of following contents.

- Do not place conductive debris, nail and wires such as iron wire and copper wire in the storage case.
- To prevent shorting from occurring, load the battery in the tool or insert securely the battery cover for storing until the ventilator is not seen.

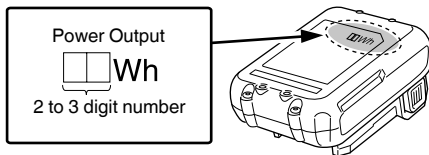
REGARDING LITHIUM-ION BATTERY TRANSPORTATION

When transporting a lithium-ion battery, please observe the following precautions.

WARNING

Notify the transporting company that a package contains a lithium-ion battery, inform the company of its power output and follow the instructions of the transportation company when arranging transport.

- Lithium-ion batteries that exceed a power output of 100 Wh are considered to be in the freight classification of Dangerous Goods and will require special application procedures.
- For transportation abroad, you must comply with international law and the rules and regulations of the destination country.



NAMES OF PARTS (Fig. 1–Fig. 14)

①	Rechargeable battery	⑪	Shift knob
②	Latch	⑫	Trigger switch
③	Handle	⑬	Sleeve
④	Pilot lamp	⑭	Push button
⑤	Triangle mark	⑮	Hook (sold separately)
⑥	Mode-switching dial	⑯	Screw
⑦	Screw-tightening mark	⑰	Groove
⑧	Drill mark	⑱	Display panel
⑨	Hammer mark	⑲	Remaining battery indicator switch
⑩	Clutch dial	⑳	Remaining battery indicator lamp

SYMBOLS

WARNING








The following show symbols used for the machine. Be sure that you understand their meaning before use.

	DS12DJ: Cordless Driver Drill DV12DJ: Cordless Combi Drill
	To reduce the risk of injury, user must read instruction manual.

	Only for EU countries Do not dispose of electric tools together with household waste material! In observance of European Directive 2012/19/EU on waste electrical and electronic equipment and its implementation in accordance with national law, electric tools that have reached the end of their life must be collected separately and returned to an environmentally compatible recycling facility.
	Direct current
	Rated voltage
	No-load speed
	Oscillation per minute
	Impact rate
	Low speed
	High speed
	Brick
	Wood
	Metal
	Machine screw
	Wood screw
	Drill chuck capacity
	Weight* (According to EPTA-Procedure 01/2014)
	Screw – Tightening
	Drilling
	Impact drilling
	Switching ON
	Switching OFF
	Disconnect the battery
	Change rotation speed - High speed
	Change rotation speed - Low speed
	Clockwise rotation
	Counterclockwise rotation

* Depending on attached battery. The heaviest weight is measured with BSL1240M (sold separately).

Battery

	Lights ; The battery remaining power is over 75%
	Lights ; The battery remaining power is 50%–75%.
	Lights ; The battery remaining power is 25%–50%.
	Lights ; The battery remaining power is less than 25%
	Blinks ; The battery remaining power is nearly empty. Recharge the battery soonest possible.
	Blinks ; Output suspended due to high temperature. Remove the battery from the tool and allow it to fully cool down.
	Blinks ; Output suspended due to failure or malfunction. The problem may be the battery so please contact your dealer.

NOTE

To prevent the battery power consumption caused by forgetting to turn off the LED light, the light goes off automatically in about 3 seconds.

STANDARD ACCESSORIES

In addition to the main unit (1 unit), the package contains the accessories listed on page 13.

Standard accessories are subject to change without notice.

APPLICATIONS

<DS12DJ>

- Driving and removing of machine screws, wood screws, tapping screws, etc.
- Drilling of various metals
- Drilling of various woods

<DV12DJ>

- Drilling of brick and concrete block, etc.
- Driving and removing of machine screws, wood screws, tapping screws, etc.
- Drilling of various metals
- Drilling of various woods

SPECIFICATIONS

The specifications of this machine are listed in the Table on page 12.

NOTE






Due to HiKOKI's continuing program of research and development, the specifications herein are subject to change without prior notice.

CHARGING

Before using the power tool, charge the battery as follows.

1. **Connect the charger's power cord to the receptacle.**
When connecting the plug of the charger to a receptacle, the pilot lamp will blink in red (At 1- second intervals).
 2. **Insert the battery into the charger.**
Firmly insert the battery into the charger as shown in **Fig. 3** (on page 2).
 3. **Charging**
When inserting a battery in the charger, charging will commence and the pilot lamp will light continuously in red.
When the battery becomes fully recharged, the pilot lamp will blink in red. (At 1-second intervals) (See **Table 1**)
- Pilot lamp indication
The indications of the pilot lamp will be as shown in **Table 1**, according to the condition of the charger or the rechargeable battery.

Table 1

Indications of the pilot lamp				
Pilot lamp (red)	Before charging	Blinks	Lights for 0.5 seconds. Does not light for 0.5 seconds. (off for 0.5 seconds) 	
	While charging	Lights	Lights continuously 	
	Charging complete	Blinks	Lights for 0.5 seconds. Does not light for 0.5 seconds. (off for 0.5 seconds) 	
	Overheat standby	Blinks	Lights for 1 second. Does not light for 0.5 seconds. (off for 0.5 seconds) 	Battery overheated. Unable to charge. (Charging will commence when battery cools)
	Charging impossible	Flickers	Lights for 0.1 seconds. Does not light for 0.1 seconds. (off for 0.1 seconds) 	Malfunction in the battery or the charger

- Regarding the temperatures and charging time of the battery. The temperatures and charging time will become as shown in **Table 2**.
- Since the built-in micro computer takes about 3 seconds to confirm that the battery being charged with charger is taken out, wait for a minimum of 3 seconds before reinserting it to continue charging. If the battery is reinserted within 3 seconds, the battery may not be properly charged.
- If the pilot lamp does not blink in red (every second) even though the charger cord is connected to the power, it indicates that the protection circuit of the charger may be activated. Remove the cord or plug from the power and then connect it again after 30 seconds or so. If this does not cause the pilot lamp to blink in red (every second), please take the charger to the HiKOKI Authorized Service Center.

Table 2

Battery		Charger	UC12SL
Charging voltage	V		10.8–12 Peak
Type of battery			Li-ion
Temperatures at which the battery can be recharged			0°C–50°C
Charging time for battery capacity, approx. (At 20°C)			
1.5 Ah	min		22 (3 cells)
2.5 Ah	min		37 (3 cells)
4.0 Ah	min		60 (3 cells)

NOTE

The recharging time may vary according to the ambient temperature and power source voltage.

In addition, the charge time becomes significantly long in a low temperature environment, but this is not abnormal.

CAUTION

When the battery charger has been continuously used, the battery charger will be heated, thus constituting the cause of the failures. Once the charging has been completed, give 15 minutes rest until the next charging.

4. Disconnect the charger's power cord from the receptacle.

5. Hold the charger firmly and pull out the battery.

NOTE

Be sure to pull out the battery from the charger after use, and then keep it.

CAUTION

- If the battery is charged while it is heated because it has been left for a long time in a location subject to direct sunlight or because the battery has just been used, the pilot lamp of the charger lights for 1 second, does not light for 0.5 seconds (off for 0.5 seconds). In such a case, first let the battery cool, then start charging.
- When the pilot lamp flickers (at 0.2-second intervals), check for and take out any foreign objects in the charger's battery connector. If there are no foreign objects, it is probable that the battery or charger is malfunctioning. Take it to your authorized Service Center.

MOUNTING AND OPERATION

Action	Figure	Page
Removing and inserting the battery	2	2
Charging	3	2
Selecting the mode	4	2
Tightening torque adjustment	5	2
Selecting the drill position	6	3
Selecting the impact position	7	3
Change rotation speed	8	3
How to use the LED light	9	3
Mounting the bit	10	3
Reversing the rotational direction	11	4
Switch operation	12	4
Mounting the hook (sold separately)	13	4
Remaining battery indicator	14	4
Selecting accessories	—	14

LED LIGHT WARNING SIGNALS

This product features functions that are designed to protect the tool itself as well as the battery. If any of the safeguard functions are triggered during operation, the LED light will blink as described in **Table 3**. When any of the safeguard functions are triggered, immediately remove your finger from the switch and follow the instructions described under corrective action.

Table 3

Safeguard Function	LED Light Display	Corrective Action
Overload Protection	On 0.25 second/off 0.25 second	If the operating with the shift knob set on HIGH, adjust to LOW and continue operation. Remove the cause of the overload.
Temperature Protection	■ ■ ■ ■ ■	Allow the tool and battery to thoroughly cool.
Low Voltage Protection		Recharge the battery.

MAINTENANCE AND INSPECTION

1. Inspecting the tool

Since use of a dull tool will degrade efficiency and cause possible motor malfunction, sharpen or replace the tool as soon as abrasion is noted.

2. Inspecting the mounting screws

Regularly inspect all mounting screws and ensure that they are properly tightened. Should any of the screws be loose, retighten them immediately. Failure to do so could result in serious hazard.

3. Maintenance of the motor

The motor unit winding is the very "heart" of the power tool. Exercise due care to ensure the winding does not become damaged and/or wet with oil or water.

4. Cleaning on the outside

When the driver drill is stained, wipe with a soft dry cloth or a cloth moistened with soapy water. Do not use chloric solvents, gasoline or paint thinner, for they melt plastics.

5. Storage

Store the power tool and battery in a place in which the temperature is less than 40°C and out of reach of children.

NOTE

Storing lithium-ion batteries.

Make sure the lithium-ion batteries have been fully charged before storing them.

Prolonged storage (3 months or more) of batteries with a low charge may result in performance deterioration, significantly reducing battery usage time or rendering the batteries incapable of holding a charge.

However, significantly reduced battery usage time may be recovered by repeatedly charging and using the batteries two to five times.

If the battery usage time is extremely short despite repeated charging and use, consider the batteries dead and purchase new batteries.

CAUTION

In the operation and maintenance of power tools, the safety regulations and standards prescribed in each country must be observed.

Important notice on the batteries for the HiKOKI cordless power tools

Please always use one of our designated genuine batteries. We cannot guarantee the safety and performance of our cordless power tool when used with batteries other than these designated by us, or when the battery is disassembled and modified (such as disassembly and replacement of cells or other internal parts).

Information concerning airborne noise and vibration

The measured values were determined according to EN62841 and declared in accordance with ISO 4871.

Measured A-weighted sound power level:

73 dB (A) (DS12DJ)

96 dB (A) (DV12DJ)

Measured A-weighted sound pressure level:

62 dB (A) (DS12DJ)

85 dB (A) (DV12DJ)

Uncertainty K: 5 dB (A).

Wear hearing protection.

Vibration total values (tri-ax vector sum) determined according to EN62841.

Drilling into metal:

Vibration emission value $a_{h, D} < 2.5 \text{ m/s}^2$

(DS12DJ, DV12DJ)

Uncertainty K = 1.5 m/s² (DS12DJ, DV12DJ)

Impact drilling into concrete:

Vibration emission value $a_{h, ID} = 15.5 \text{ m/s}^2$ (DV12DJ)

Uncertainty K = 1.5 m/s² (DV12DJ)

The declared vibration total value and the declared noise emission value have been measured in accordance with a standard test method and may be used for comparing one tool with another.

They may also be used in a preliminary assessment of exposure.

WARNING








- The vibration and noise emission during actual use of the power tool can differ from the declared total value depending on the ways in which the tool is used especially what kind of workpiece is processed; and
- Identify safety measures to protect the operator that are based on an estimation of exposure in the actual conditions of use (taking account of all parts of the operating cycle such as the times when the tool is switched off and when it is running idle in addition to the trigger time).

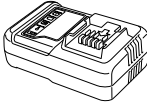
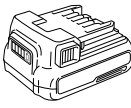
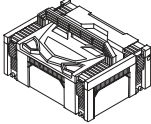


NOTE

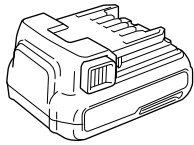
Due to HiKOKI's continuing program of research and development, the specifications herein are subject to change without prior notice.

GUARANTEE

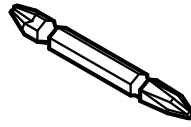
We guarantee HiKOKI Power Tools in accordance with statutory/country specific regulation. This guarantee does not cover defects or damage due to misuse, abuse, or normal wear and tear. In case of complaint, please send the Power Tool, undismantled, with the GUARANTEE CERTIFICATE found at the end of this Handling instruction, to a HiKOKI Authorized Service Center.

			DS12DJ	DV12DJ
V	V		10.8–12 Peak	
	Ls	min ⁻¹	0–350	
n ₀	Hs	min ⁻¹	0–1400	
	Ls	min ⁻¹	—	0–5250
Bpm	Hs	min ⁻¹	—	0–21000
		mm	—	8
	mm	29		
	mm	10		
	mm	6		
	mm	5.8		
	mm	0.8–10		
	kg	1.1–1.2	1.2–1.3	

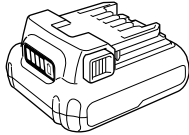
	 UC12SL	 BSL1225M			
DS12DJ DV12DJ (2FS)	1	2	—	1	1
DS12DJ (2FS)	1	2	1	—	1
DS12DJ DV12DJ (NN)	—	—	—	—	—



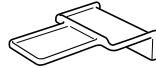
BSL1215



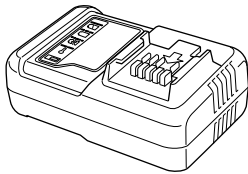
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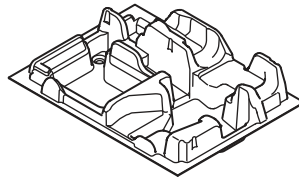
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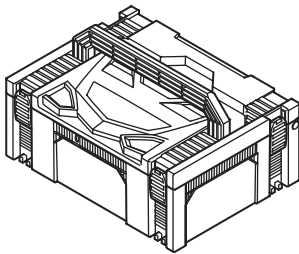
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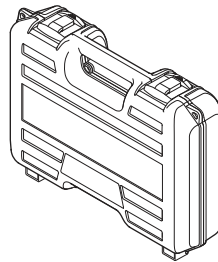
UC12SL



374779



336471



336642



GUARANTEE CERTIFICATE

Model No.

Serial No.

Date of Purchase

Customer Name and Address

Dealer Name and Address
(Please stamp dealer name and address)

Hikoki Power Tools (U.K.) Ltd.

Precedent Drive, Rooksley, Milton Keynes, MK 13, 8PJ, United Kingdom

Tel: +44 1908 660663

Fax: +44 1908 606642

URL: <http://www.hikoki-powertools.uk>









DECLARATION OF CONFORMITY

We declare under our sole responsibility that Cordless Driver Drill / Cordless Combi Drill, identified by type and specific identification code *1), is in conformity with all relevant requirements of the UK regulations *2) and Designated standards *3). Technical file at *4) – See below.
This declaration is applicable to the product affixed UKCA marking.

*1) DS12DJ C357897R
DV12DJ C357904R

*2) S.I. 2008/1597, S.I. 2016/1091, S.I. 2016/1101, S.I. 2012/3032

*3) EN62841-1:2015
EN62841-2-1:2018
EN60335-1:2012+A11:2014
EN60335-2-29:2004+A2:2010
EN55014-1:2006+A1:2009+A2:2011
EN55014-2:1997+A1:2001+A2:2008

*4) Importer and authorized person to compile the technical file

Hikoki Power Tools (U.K.) Ltd.

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Minato-ku, Tokyo, Japan

**UK
CA**

30. 6. 2021



A. Nakagawa
Corporate Officer

Koki Holdings Co., Ltd.