



Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for HITACHI DS18DFL. You'll find the answers to all your questions on the HITACHI DS18DFL in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual HITACHI DS18DFL
User guide HITACHI DS18DFL
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Instruction manual HITACHI DS18DFL

HITACHI

Model
Modèle
Modelo

DS 14DFL · DS 18DFL

Cordless Driver Drill
Perceuse-visseuse sans fil
Taladro atornillador a batería



DS18DFL

SAFETY INSTRUCTIONS AND INSTRUCTION MANUAL

⚠ WARNING

IMPROPER OR UNSAFE use of this power tool can result in death or serious bodily injury!
This manual contains important information about product safety. Please read and understand this manual **BEFORE** operating the power tool. Please keep this manual available for other users and owners before they use the power tool. This manual should be stored in safe place.

INSTRUCTIONS DE SECURITE ET MODE D'EMPLOI

⚠ AVERTISSEMENT

Une utilisation **INCORRECTE OU DANGEREUSE** de cet outil motorisé peut entraîner la mort ou de sérieuses blessures corporelles!
Ce mode d'emploi contient d'importantes informations à propos de la sécurité de ce produit. Prière de lire et de comprendre ce mode d'emploi **AVANT** d'utiliser l'outil motorisé. Garder ce mode d'emploi à la disponibilité des autres utilisateurs et propriétaires avant qu'ils utilisent l'outil motorisé. Ce mode d'emploi doit être conservé dans un endroit sûr.

INSTRUCCIONES DE SEGURIDAD Y MANUAL DE INSTRUCCIONES

⚠ ADVERTENCIA

¡La utilización **INAPROPIADA O PELIGROSA** de esta herramienta eléctrica puede resultar en lesiones de gravedad o la muerte!
Este manual contiene información importante sobre la seguridad del producto. Lea y comprenda este manual **ANTES** de utilizar la herramienta eléctrica. Guarde este manual para que puedan leerlo otras personas antes de utilizar la herramienta eléctrica. Este manual debe ser guardado en un lugar seguro.

Hitachi Koki



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Manual abstract:

@@@This manual should be stored in safe place. @@Most accidents that result from power tool operation and maintenance 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. Basic safety precautions are outlined in the "SAFETY" section of this Instruction Manual and in the sections which contain the operation and maintenance instructions. Hazards that must be avoided to prevent bodily injury or machine damage are identified by WARNINGS on the power tool and in this Instruction Manual. NEVER use this power tool in a manner that has not been specifically recommended by HITACHI.

MEANINGS OF SIGNAL WORDS WARNING indicates a potentially hazardous situations which, if ignored, could result in death or serious injury.

CAUTION indicates a potentially hazardous situations which, if not avoided, may result in minor or moderate injury, or may cause machine damage.

GENERAL SAFETY RULES WARNING: Read all instructions Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury. The term "power tool" in all of the warnings listed below refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

SAVE THESE INSTRUCTIONS 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 of 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. 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. @@Keep cord away from heat, oil, sharp edges or moving parts. damaged or entangled cords increase the risk of electric shock.

@@@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. Always wear eye protection.

Safety equipment such as dust mask, nonskid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries. c) Avoid accidental starting. Ensure the switch is in the off position before plugging in. Carrying power tools with your finger on the switch or plugging in 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. This enables better control of the power tool in unexpected situations. f) Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves 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 these devices can reduce dust-related hazards. 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 the battery pack 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. Check for misalignment or 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. B) 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 and in the manner intended for the particular type of power tool, taking into account the working conditions and the work to be performed.

Use of the power tool for operations different from intended could result in a hazardous situation. Battery tool use and care a) Ensure the switch is in the off position before inserting battery pack. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack. C) Use power tools only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire. D) 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. E) 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. @@This will ensure that the safety of the power tool is maintained. @@@@NEVER use a power tool for applications other than those specified. @@Do not drop or throw the tool. @@Do not use power tools if the plastic housing or handle is cracked.

@@Such tools should not be used until repaired. @@NEVER use a tool which is defective or operating abnormally. @@Carefully handle power tools.

@@Do not wipe plastic parts with solvent. @@Do not wipe them with such solvents.

Wipe plastic parts with a soft cloth lightly dampened with soapy water and dry thoroughly. WARNING: Some dust created by power sanding, sawing, grinding, drilling, and other construction activities contains chemicals known [to the State of California] to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are: Lead from lead-based paints, Crystalline silica from bricks and cement and other masonry products, and Arsenic and chromium from chemically-treated lumber.



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Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well ventilated area, and work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles. **SPECIFIC SAFETY RULES AND SYMBOLS** 1. Hold tools by insulated gripping surfaces when performing an operation where the cutting tool may contact hidden wiring. Contact with a "live" wire will make exposed metal parts of the tool "live" and shock the operator. 2. ALWAYS wear ear protectors when using the tool for extended periods.

Prolonged exposure to high intensity noise can cause hearing loss. NEVER place hands or other body parts near the drill bit or chuck during operation. hold the drill by its handle only. Because the cordless driver drill operates by battery power, be aware of the fact that it can begin to operate at any time. When working at elevated locations, clear the area of all other people and be aware of conditions below you. NEVER touch moving parts. NEVER place your hands, fingers or other body parts near the tool's moving parts. NEVER operate without all guards in place. NEVER operate this tool without all guards or safety features in place and in proper working order. If maintenance or servicing requires the removal of a guard or safety feature, be sure to replace the guard or safety feature before resuming operation of the tool.

Definitions for symbols used on this tool V . **IMPORTANT SAFETY INSTRUCTIONS FOR BATTERY CHARGER WARNING:** Death or serious bodily injury could result from improper or unsafe use of battery chargers. To avoid these risks, follow these basic safety instructions: **READ ALL INSTRUCTIONS** 1. This manual contains important safety and operating instructions for battery charger Model UC18YGL. 2.

Before using battery charger, read all instructions and cautionary markings on (1) battery charger, (2) battery, and (3) product using battery. Other type of batteries may burst causing personal injury and damage. Do not expose battery charger to rain or snow. 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. 6.

To reduce risk of damage to electric plug and cord, pull by plug when disconnecting battery charger. 7. Make sure cord is located so that it will not be stepped on, tripped over, or otherwise subjected to damage or stress. 8. An extension cord should not be used unless absolutely necessary. Use of improper extension cord could result in a risk of fire and electric shock. If extension cord must be used make sure: a. That blades of extension cord are the same number, size, and shape as those of plug on battery charger: b. @@@@ disconnect battery charger from the receptacle. @@@@ consult your electrician.

Using the charger in this condition may lead to fire. if the charge status lamp is blinking red rapidly (in 0. @@ remove any obstructions. @@Return both to your place of purchase. @@@@ if the problem persists , call for repairs. @@@@ purchase a new battery. @@@@Remove the battery from the charger when not in use. How to make the batteries perform longer. Recharge the batteries before they become completely exhausted. @@@@Leave the battery and recharge it after it has cooled for a while.

@@Clear the area of unnecessary personnel. Using the hook (Hook with bit holder) **WARNING:** When using the hook, pay sufficient attention to the outer body. @@ 22" or the black dot. @@Doing so may cause damage (See Fig. 17).

@@While operating the driver drill, take care not to lock the motor. @@@@If the motor is locked, immediately turn the power off. If the motor is locked for a while, the motor or battery may be burnt. Too long hammering may cause the screw broken due to excessive tightening. A buzzing noise is produced when the motor is about to rotate; This is only a noise, not a machine failure.

to extend the lifetime , the lithium-ion battery equips with the protection function to stop the output. Therefore, if the tool is overloaded, the motor may stop. However, this is not the trouble but the result of protection function. In this case, release the switch of tool and eliminate the causes of overloading. (1) Tightening torque Tightening torque should correspond in its intensity to the screw diameter. When too strong power is used, the screw head may be broken or be injured. Be sure to adjust the clutch dial position according to the screw diameter. (2) Tightening torque indication (See Fig. 16) The tightening torque differs depending on the type of screw and the material being tightened. The unit indicates the tightening torque with the numbers "1, 3, 5 .

THE SCOPE AND SUGGESTIONS FOR USES Table 5 Work Wood Drilling Steel Aluminum Screw tightening Machine screw Wood screw 1 22 1 Use the bit and socket matching the screw diameter. (459 kg-cm) (DS18DFL) **NOTE:** The selected content shown in Table 4 indicates the differences according to screw type, screw size and material used. @@@@If the motor is locked, immediately turn the power off. @@Do not tighten too strongly as the screw heads will be damaged. **CAUTION:** Pull out battery before doing any inspection or maintenance. 1. @@If worn or broken bits can slip or decrease the efficiency of the motor and burn it out. replace worn bits with new ones. **CAUTION:** If you use a driver bit of which point is worn or broken, it will be dangerous since it slips. So replace it with a new one.

Regularly inspect them and make sure they are tight. **CAUTION:** Using this power tool with loosened, screws is extremely dangerous. 3. Check for Dust Dust may be removed with a soft cloth or a cloth dampened with soapy water. Do not use bleach, chlorine, gasoline or thinner, for they may damage the plastics. At the end of its useful life, under various state and local laws, it may be illegal to dispose of this battery into the municipal waste stream. Check with your local solid waste officials for details in your area for recycling options or proper disposal. @@@@ 7. @@This Parts List will be helpful if presented with the tool to the Hitachi Authorized Service Center when requesting repair or other maintenance. In the operation and maintenance of power tools, the safety regulations and standards prescribed in each country must be observed.

MODIFICATIONS: Hitachi Power Tools are constantly being improved and modified to incorporate the latest technological advancements. Accordingly, some parts may be changed without prior notice. **WARNING:** ALWAYS use Only authorized HITACHI replacement parts and accessories. NEVER use replacement parts or accessories which are not intended for use with this tool. Contact HITACHI if you are not sure whether it is safe to use a particular replacement part or accessory with your tool. The use of any other attachment or accessory can be dangerous and could cause injury or mechanical damage.

NOTE: Accessories are subject to change without any obligation on the part of the HITACHI.



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