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HIKOKI FDS14DF

HiKOKI FDS14DF Cordless Drill Driver 14.4V User Manual

Model: FDS14DF

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INTRODUCTION

Thank you for purchasing the HiKOKI FDS14DF Cordless Drill Driver. This manual provides essential information for the safe and effective use, maintenance, and troubleshooting of your new tool. Please read this manual thoroughly before operation and keep it for future reference.

SAFETY INFORMATION

Always observe basic safety precautions to reduce the risk of fire, electric shock, and personal injury. Keep this manual accessible for all users.

General Power Tool Safety Warnings

- **Work Area Safety:** Keep the work area clean and well-lit. Cluttered or dark areas invite accidents. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- **Electrical Safety:** Avoid body contact with earthed or grounded surfaces. Do not expose power tools to rain or wet conditions.
- **Personal Safety:** Always wear eye protection. Use personal protective equipment such as dust masks, non-skid safety shoes, hard hats, or hearing protection when appropriate. Stay alert, watch what you are doing, and use common sense when operating a power tool.
- **Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. Disconnect the plug from the power source and/or remove the battery pack before making any adjustments, changing accessories, or storing power tools.
- **Battery Tool Use and Care:** Recharge only with the charger specified by the manufacturer. Use power tools only with specifically designated battery packs.

PACKAGE CONTENTS

Carefully unpack your HiKOKI FDS14DF Cordless Drill Driver and check for the following items:

- HiKOKI FDS14DF Cordless Drill Driver
- 2 x 14.4V 2.0Ah Lithium-Ion Batteries
- Battery Charger
- Carrying Case
- Double-ended screwdriver bit



Image: The HiKOKI FDS14DF cordless drill driver, two 14.4V batteries, a battery charger, and a durable carrying case are included in the package.

PRODUCT OVERVIEW

Familiarize yourself with the components of your drill driver for optimal use.

Key Features and Components

- **Chuck:** For securing drill bits and screwdriver bits.
- **Torque Adjustment Ring:** To select the desired torque setting for driving screws or drilling mode.
- **Speed Selector Switch:** To choose between high and low-speed settings.

- **Forward/Reverse Switch:** Controls the direction of rotation.
- **Trigger Switch:** Activates the tool and controls speed based on pressure.
- **LED Work Light:** Illuminates the work area.
- **Battery Pack:** Provides power to the tool.
- **Slim Handle:** Ergonomically designed for comfortable grip.
- **Hook Attachment (Optional):** For convenient hanging of the tool.
- **Color Plates (Optional):** Customizable aesthetic plates for the tool body.

FUNCTION

カラープレート 取付可能



別売部品
カラー
プレート

(カラープレート別売)

白色 LED ライト付 (スイッチ連動)



(画像はイメージです)

握りやすい 細径ハンドル



フックの取付可能



別売部品
フックセット

(フック別売)

ケース 標準付属



リチウムイオン電池



BSL 1420
標準付属

2.0Ah

コードレス
ドライバドリル
FDS 14DF

最大トルク
47 N·m



Image: This diagram illustrates key features such as the integrated LED work light, the ergonomic slim handle for improved grip, and options for attaching color plates and a belt hook (accessories sold separately).

18vシリーズでも使える

80モデル



Image: Several Hikoki FDS14DF drill drivers are shown, each fitted with different colored customizable plates, demonstrating the personalization options available.

SETUP

1. Charging the Battery

1. Connect the battery charger to a standard power outlet.
2. Slide the battery pack onto the charger until it clicks into place.
3. The charging indicator light on the charger will show the charging status. Refer to the charger's manual for specific light indications.
4. Once fully charged, remove the battery pack from the charger.

Note: Always charge batteries in a well-ventilated area. Do not charge damaged batteries.

2. Installing and Removing the Battery

- **To Install:** Align the battery pack with the receptacle on the tool handle and slide it in until it locks securely.
- **To Remove:** Press the battery release button (usually located on the sides of the battery pack) and slide the battery out of the tool.

3. Installing and Removing Drill Bits/Screwdriver Bits

1. Ensure the tool is off and the battery is removed for safety.
2. Rotate the chuck counter-clockwise to open the jaws.
3. Insert the desired drill bit or screwdriver bit into the chuck, ensuring it is centered.
4. Rotate the chuck clockwise to tighten the jaws firmly around the bit. Hand-tighten until the bit is secure.
5. To remove, rotate the chuck counter-clockwise to loosen the jaws and pull the bit out.

OPERATING INSTRUCTIONS

1. Powering On/Off and Speed Control

- To turn the tool on, press the trigger switch. The speed increases as you press the trigger further.
- To turn the tool off, release the trigger switch.

2. Adjusting Torque

- The torque adjustment ring allows you to select the appropriate torque setting for driving screws. Lower numbers are for smaller screws or softer materials, higher numbers for larger screws or harder materials.
- For drilling, set the ring to the drill symbol (usually indicated by a drill bit icon) for maximum torque.

3. Changing Speed Settings

- Use the speed selector switch (typically located on top of the tool) to choose between two speed ranges: '1' for low speed/high torque and '2' for high speed/low torque.
- Always change speed settings when the tool is stopped to prevent gear damage.

4. Forward/Reverse Rotation

- The forward/reverse switch (located above the trigger) controls the direction of rotation.
- Push it to the left for forward rotation (for drilling and driving screws).
- Push it to the right for reverse rotation (for removing screws or freeing jammed bits).
- When the switch is in the center position, the trigger is locked, preventing accidental startup.

5. LED Work Light

- The integrated LED light automatically illuminates the work area when the trigger is pressed, improving visibility in dimly lit conditions.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your tool.

1. Cleaning

- Keep the ventilation openings of the tool clean to prevent overheating.
- Use a soft, damp cloth to clean the exterior of the tool. Do not use harsh chemicals or abrasive cleaners.
- Periodically clean the chuck jaws to ensure proper grip on bits.

2. Battery Care

- Store batteries in a cool, dry place away from direct sunlight and extreme temperatures.
- Do not store batteries in a discharged state for extended periods. Recharge them periodically if not in use.
- Avoid dropping or physically damaging battery packs.

3. Storage

- When not in use, store the drill driver, batteries, and charger in the provided carrying case in a secure, dry

place, out of reach of children.

- Ensure the battery is removed from the tool before storage.

TROUBLESHOOTING

This section addresses common issues you might encounter with your drill driver.

Problem	Possible Cause	Solution
Tool does not start	Battery not charged or improperly installed. Forward/reverse switch in center (locked) position.	Charge the battery and ensure it is securely installed. Move the forward/reverse switch to the left or right.
Reduced power or speed	Battery charge is low. Incorrect speed setting for the task.	Recharge the battery. Select a lower speed setting for more torque.
Bit slips in chuck	Chuck not tightened sufficiently. Bit shank is dirty or damaged.	Ensure the chuck is tightened firmly. Clean or replace the bit.
Tool overheats	Overloading the tool. Blocked ventilation openings.	Reduce the load on the tool. Clean the ventilation openings. Allow the tool to cool down.

SPECIFICATIONS

Feature	Detail
Manufacturer	HiKOKI
Model Number	FDS14DF(2BG)
Product Dimensions	21.3 x 6 x 23.1 cm
Item Weight	3.44 kg
Voltage	14.4V
Battery Type	Lithium-Ion
Battery Capacity	2.0 Ah (2 batteries included)
Special Features	Cordless

WARRANTY & SUPPORT

HiKOKI products are manufactured to high-quality standards. For warranty information, service, or technical support, please refer to the official HiKOKI website or contact your local authorized dealer.

For repair applications, please follow the procedure outlined on the official HiKOKI website. Typically, this involves:

1. Submitting a repair request.
2. Collecting the item for repair.
3. Receiving an estimate (if applicable).
4. Confirming the repair application.

- Processing payment (if applicable).
- Confirmation of repair and delivery.

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HiKOKI 修理

■ 公式サイトの手順に沿ってお申し込みください



HiKOKI

修理品受付手順

詳しくはこちらの【修理お申込みから発送まで】をご覧ください

(1) 修理依頼

(2) 修理品集荷

(3) 見積書確認：有償の場合

(4) 修理申込み：有償の場合

(5) 修理

(6) 代金お支払い

(7) 確認

選ぶなら、
HiKOKI

Image: A visual representation of the HiKOKI official website's repair application process, detailing steps from initial request to final delivery.