

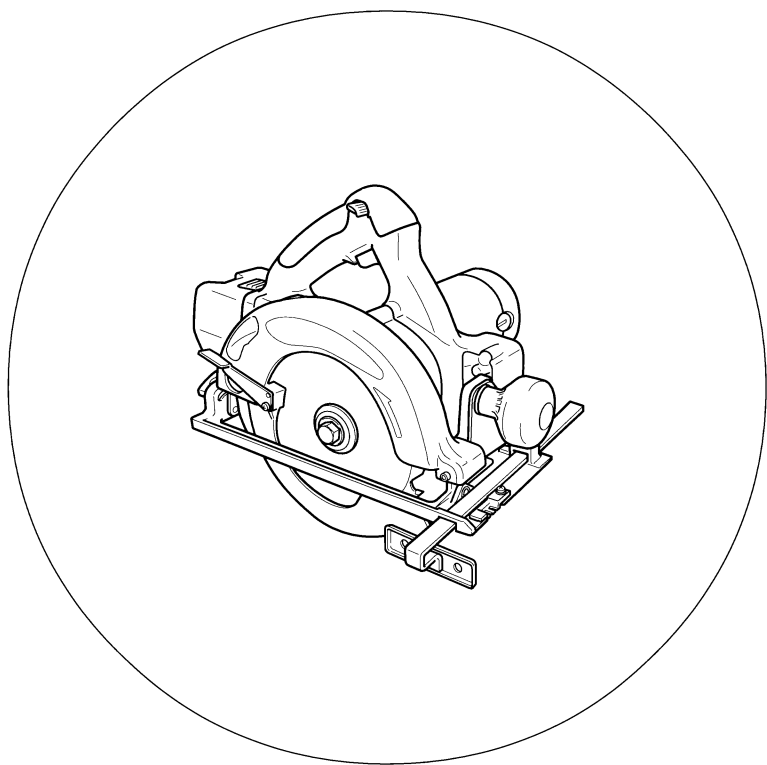
# HITACHI

## 日立牌充电式电圆锯 CORDLESS CIRCULAR SAW

### C 6DD

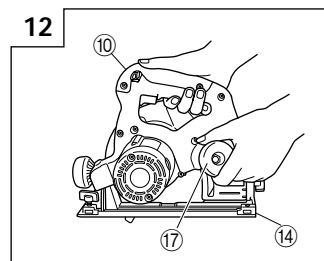
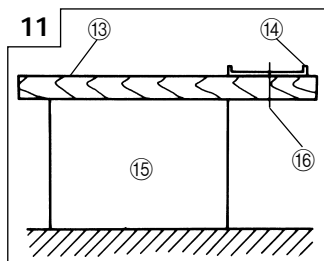
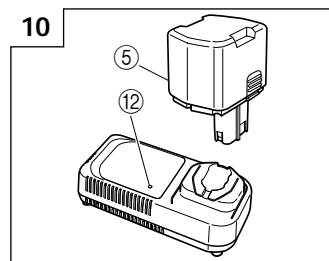
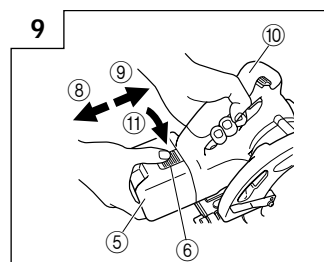
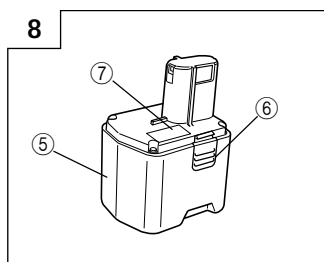
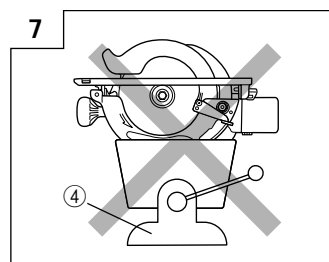
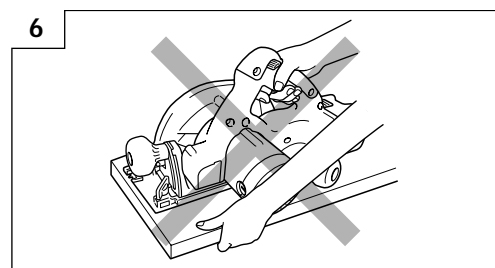
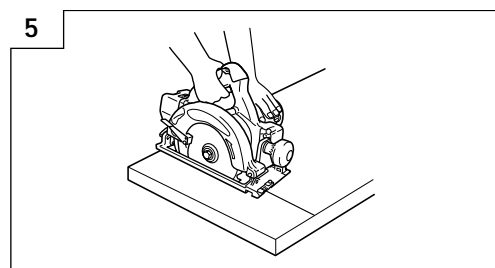
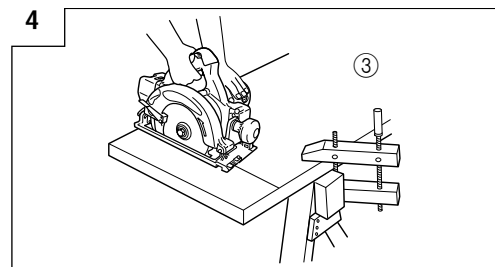
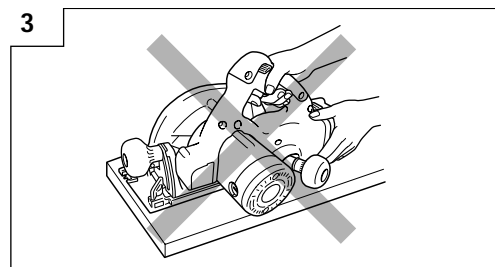
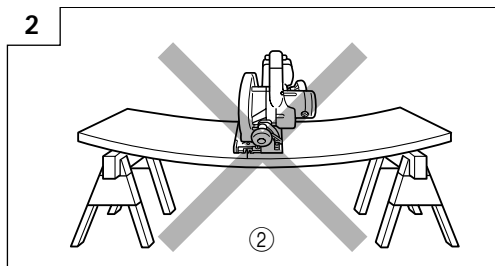
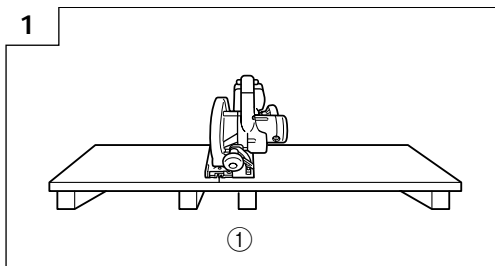
使用说明书

HANDLING INSTRUCTIONS



使用前务请详加阅读

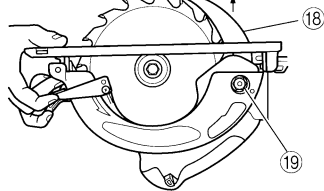
Read through carefully and understand these instructions before use.



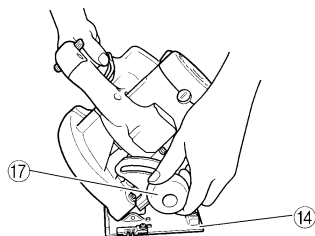
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Max. 3mm  
最大 3mm

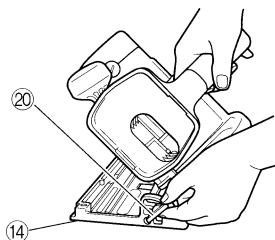
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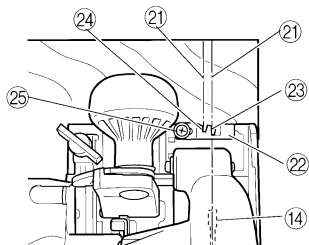
14(A)



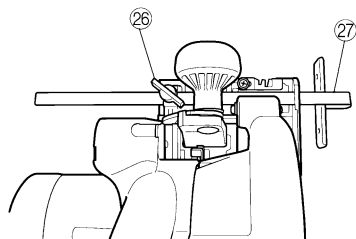
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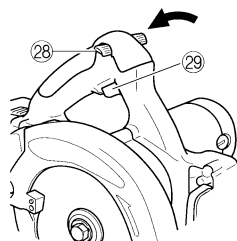
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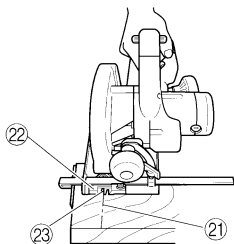
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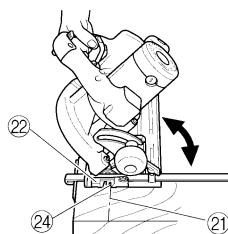
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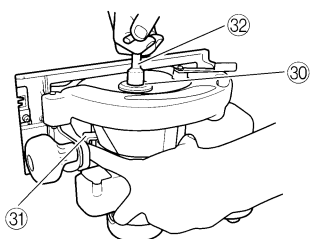
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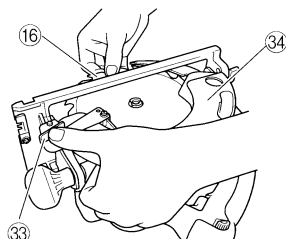
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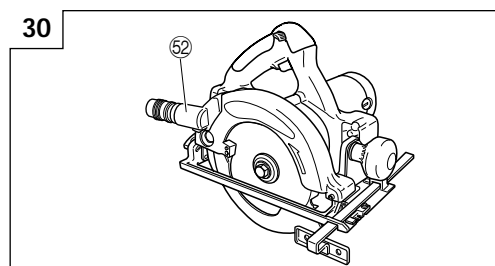
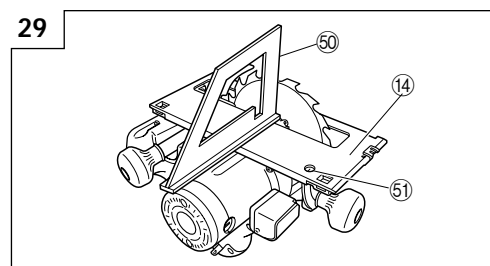
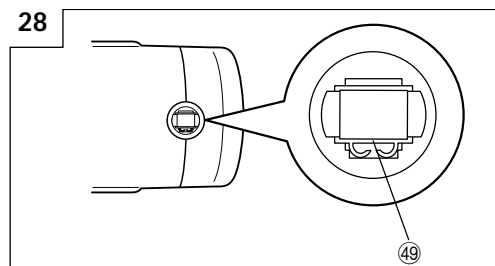
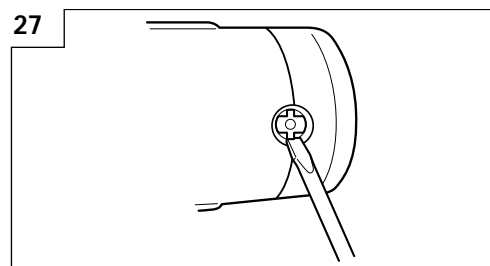
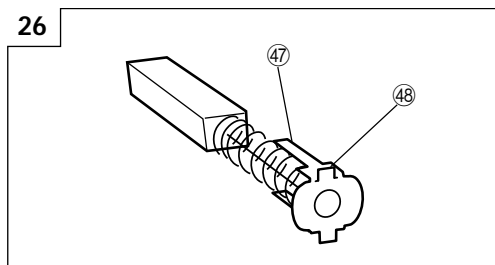
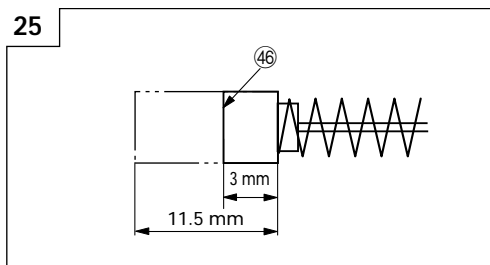
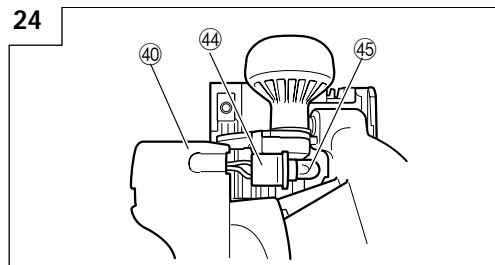
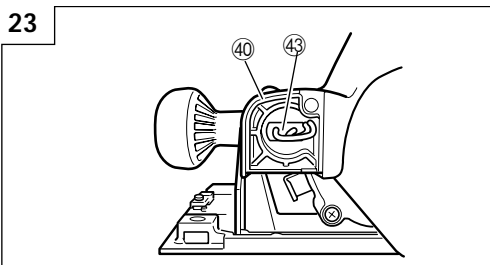
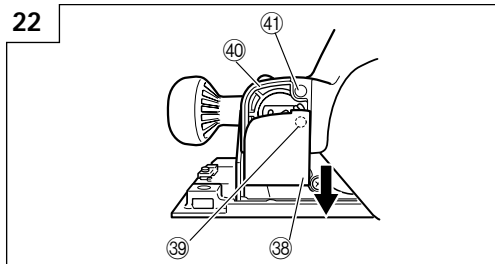
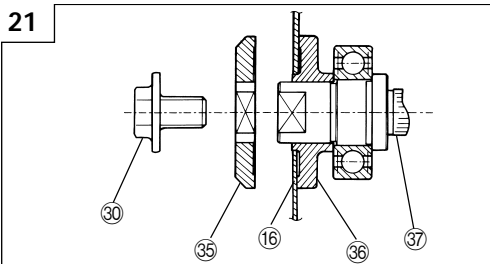


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①	为了避免反冲力, 请将支撑板或面板靠近刀具。	To avoid kickback, do support board or panel near the cut.
②	请勿使支撑板或面板远离刀具。	Don't support board or panel away from the cut.
③	正确手持电圆锯的标准插图	A TYPICAL ILLUSTRATION OF PROPER HAND SUPPORT
④	老虎钳	Vise
⑤	充电式电池	Rechargeable battery
⑥	插销	Latch
⑦	铭牌	Nameplate
⑧	拉出	Pull out
⑨	插入	Insert
⑩	把手	Handle
⑪	按	Push
⑫	指示灯	Pilot lamp
⑬	木材	Lumber
⑭	底座	Base
⑮	工作台	Workbench
⑯	锯轮	Saw blade
⑰	旋钮	Knob
⑱	劈刀	Riving knife
⑲	六角头螺栓	Hexagonal-head bolt
⑳	翼形螺栓	Wing-bolt
㉑	预标线	Premarked line
㉒	导块	Guide piece
㉓	未倾斜时的前刻度	Front scale when not inclined
㉔	45 度倾斜时的前刻度	Front scale at 45° incline
㉕	M4 螺丝	M4 Screw
㉖	翼形螺栓	Wing-bolt
㉗	导条	Guide
㉘	开关锁定	Switch lock
㉙	开关扳机	Switch trigger
㉚	六角头螺栓	Hexagonal-head bolt
㉛	锁定杆	Lock lever
㉜	套筒扳手	Box wrench
㉝	安全罩柄	Safety cover lever
㉞	电锯罩	Saw cover
㉟	垫片 (B)	Washer (B)
㊱	垫片 (A)	Washer (A)
㊲	轴	Spindle
㊳	灯罩	Light cover
㊴	凸面	Convex
㊵	把手罩	Handle cover
㊶	凹面	Concave
㊷	箭头标记	Arrow-marked
㊸	插座背面	Back of the socket
㊹	插座	Socket
㊺	灯泡	Light bulb
㊻	磨损极限	Wear limit
㊼	炭刷钉	Nail of carbon brush
㊽	炭刷突起	Protrusion of carbon brush
㊾	炭刷管外侧连接部分	Contact portion outside brush tube
㊿	直角尺	Square
⑤①	有槽设置螺丝	Slotted set screw
⑤②	吸尘器	Dust collector

# 作业上的一般注意事项

1. 工作场所应打扫干净，清理妥当。杂乱无章将导致事故。
2. 避免危险的环境，请勿让电动工具与充电器淋到雨，不可在潮湿地方使用电动工具和充电器，工作地点要保持明亮。  
请勿在易燃或爆炸性物质附近使用电动工具和充电器。  
不可在存放易燃液体或气体的地方使用电动工具和充电器。
3. 不可让孩子靠近工作场所。与作业无关的访客也必须保持安全距离。
4. 电动工具与充电器要先关掉开关再收藏。  
不用时，要存放于小孩拿不到的干燥的高处或用锁匙锁上。请勿存放于温度高于 40°C 的地方。
5. 不得使劲用力推压。电动工具需按设计条件才能有效而安全地工作。绝不可勉强。
6. 妥适使用工具。不可用小型工具或附件去干重活。
7. 服装要穿戴齐整。衣服或服饰不可松弛，以免卷入活动部件内。在室外工作时，最好戴橡胶手套，穿上鞋袜。
8. 使用电动工具时，大部分需要戴安全眼镜。如果作业中灰尘多，还要戴上面具或防尘口罩。
9. 塞绳不可滥用。充电器切勿拿着塞绳搬动或从插座中拔出。不可让塞绳受热、沾油或碰到锐利的菱角。
10. 作业以安全第一为原则。工件要用夹具或台钳卡紧。这样做，比用手按压更为可靠，也能够让双手专心操作。
11. 作业时脚步要站稳，身体姿势要保持平衡。
12. 电动工具要小心保养。刀具要经常保持锋利、清洁，以确保性能与安全。请按照润滑剂和所变更的附件说明进行。
13. 充电器不用时或维修检查时，务请将充电器的插头从插座中拔出。
14. 拆下卡盘扳手和扳手。打开开关之前，总要先检查扳手是否从工具上卸下。
15. 谨防不慎打开开关。搬运钻机时，请勿将手指搁在开关上。
16. 请勿使用未经指定的充电器以免发生危险。
17. 只能使用日立指定的更换零件。
18. 不得使用电动工具去进行规定以外的其它作业。
19. 为了防止人体受伤，只能使用本说明书或日立牌产品目录中所指定的附件。

20. 只能请授权的服务店来修理本工具。对于因非授权者的修理或因错误使用了本工具而造成的工具损伤或人体伤害，本制造公司概不负责。
21. 为了保证设计的完整性，电动工具和充电器的盖罩和螺钉类不可随便拆除。
22. 务请在铭牌上规定的电压下使用充电器。
23. 除非电线插头已从电源插座拆下，绝不可接触转动部分或附件。
24. 使用前务请充电。
25. 请勿使用未经指定的电池。请勿将未经指定的普通干电池、充电式电池或汽车蓄电池连接于电动工具上。
26. 请勿使用含有升压器的变压器。
27. 请勿用引擎发电机或直流电源装置对电池进行充电。
28. 务请在室内进行充电。充电时，充电器和电池会稍微变热，因此，不要在直射阳光处充电，而应在湿度低、通风好的阴凉处进行充电。
29. 在高处作业时，要注意下面的动静。作业前，应先确认下面无人。
30. 进行授权服务时，请使用本说明书中的组装分解图。

# 充电式电圆锯使用上的注意事项

1. 务请在 0~40°C 的温度下进行充电。温度低于 0°C 将会导致充电过度，极其危险。电池不能在高于 40°C 的温度下充电。最适合于充电的温度是 20~25°C。
2. 请勿连续使用充电器。充完 1 次电后，要等约 15 分钟再进行第 2 次充电。
3. 勿让杂质进入充电式电池连结口内。
4. 切勿拆卸充电式电池与充电器。
5. 切勿使充电式电池短路。  
使电池短路将会造成很大的电流和过热，从而烧坏电池。
6. 请勿将电池丢入火中。  
电池受热将会爆炸。
7. 连续使用本机时，本机可能会过热，从而导致马达和开关损坏。请停止使用，搁置约 15 分钟。
8. 请勿将异物插入充电器的通风口。  
若将金属异物或易燃物插入通风口的话，将会引起触电事故或使充电器受损。
9. 请勿使用耗竭了的电池，否则会损坏充电器。

10. 充电后电池寿命太短不够使用时，请尽快将电池送往经销店。请勿将用过的电池乱丢。

11. 操作时请戴上耳塞以保护听力。

12. 始终握紧电动工具的手把。否则，所产生的反作用力可能导致发生误操作甚至危险操作。

13. 请勿使用已变形或破损的锯轮。

14. 请勿使用用高速钢制成的锯轮。

15. 请勿使用不符合这些说明中所指定的特性的锯条。

16. 请勿通过对锯轮施加侧面压力来停止锯条转动。

17. 请始终保持锯轮锋利。

18. 请确保安全罩移动顺畅、无阻碍。

19. 切勿在电圆锯的安全罩固定于开放位置的状态下使用电圆锯。

20. 请确保防护系统的收回机构工作正常。

21. 锯轮的锯齿应比劈刀更薄，切割或切口（带锯齿）的宽度应比劈刀的厚度更大。

22. 请勿在锯轮转向上面或侧面的状态下使用电圆锯。

23. 请确保加工材料上无异物（如钉子）。

24. 除插入工件中部时之外，应始终使用劈刀。

25. 锯轮的规格范围为 165 mm~150 mm。

26. 请小心制动反冲。  
此电圆锯的特点是具有电动制动功能，此功能在松开开关时启动。因制动功能启动时产生一定的反冲，因此请一定握紧机身。

27. 避免在底座已浮离加工材料的状态下进行切割。锯轮粘合时或因故中止切割时，请松开扳机并保持电锯在材料中不动，直至锯轮完全停止。在锯

轮运转时切勿试图从工件中取出电锯或向后拉出电锯，否则可能会产生反冲。请研究并采取正确的措施以消除锯轮粘合的原因。

28. 支撑大的面板以尽量降低锯轮收缩和反冲的危险。大面板容易因其自身的重量而下垂。如图 1 所示，支撑物必须置于面板两侧之下，靠近切割线并靠近面板的边缘。  
为了尽量降低锯轮收缩和反冲的危险，当切割作业需要电锯在工件上暂停时，电锯将停在较大的工件部分而切割掉较小的工件。

29. 当在现有的墙或其他盲区进行“袖珍切割”时，须特别注意。突出的锯轮可能会切割到导致反冲的物体。  
切勿将您的手或手指放在电锯后面（图 3）。否则，产生反冲时，电锯会轻易地向后跳越您的手，从而导致重伤。

30. **警告：** 为了防止失控而导致受伤，正确支撑工件并握紧电锯是极为重要的。图 4 举例说明电锯支撑的标准手法。

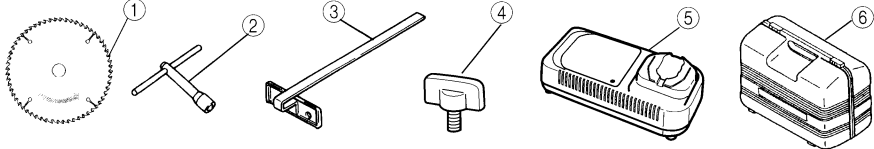
31. 请将电锯底座较宽的部分放在被牢固支撑的工件的较宽部分，而不要放在切割后会掉下的部分。  
图 5 举例说明切割板端的正确方法，图 6 则举例说明错误方法。如果工件较短或较小，夹具会掉下。  
请勿手持工件短端！

32. 请勿试图在电圆锯被老虎钳颠倒夹住的状态下使用电锯。这非常危险会导致重大事故。（图 7）

33. 制动器不灵时，请及时换上新炭刷。
- 规格
- 电动工具
- |       |      |     |          |  |
|-------|------|-----|----------|--|
| 型式    |      |     | C6DD     |  |
| 无负荷速度 |      |     | 2600 转/分 |  |
| 能力    | 切割深度 | 90° | 55 mm    |  |
|       |      | 45° | 40 mm    |  |
| 充电式电池 |      |     | 镍镉电池，18V |  |
| 灯泡    |      |     | 12 V，5 W |  |
| 重量    |      |     | 4.4 kg   |  |
- 充电器
- |      |            |
|------|------------|
| 型式   | UC24YFA    |
| 充电电压 | 7.2 - 24 V |
| 重量   | 0.6 kg     |
- 6

# 标准附件

C6DD



① 锯轮（安装在电动工具上） .....

② 套筒扳手 .....

③ 导条 .....

④ 翼形螺栓 .....

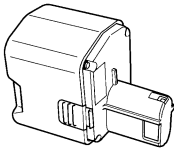
⑤ 充电器（UC24YFA） .....

⑥ 塑料箱 .....

标准附件可能不预先通告而已予更改。

## 选购附件（分开销售）

### 1. 电池（EB1814、EB18B、EB1820、EB1830H）



### 2. 锯轮

用于切割各种木材。

外径	孔径	锯齿数
165 mm	16 mm	16 片
165 mm	20 mm	16 片
165 mm	30 mm	16 片

3. 垫片（A） .... 用于 16 mm（锯轮孔径）  
                              .... 用于 20 mm（锯轮孔径）  
                              .... 用于 30 mm（锯轮孔径）

### 4. 吸尘器套件（D）

连接吸入管，用真空清洁器收集锯末（见图 30）。

附件若有变更，恕不另行通知。

## 用途

切割各种木材。

## 电池的拆卸／安装法

### 1. 电池的拆卸法

请先紧抓住把手、然后再推压电池插销以拆下电池（参照图 8 和图 9）。

#### 注意

切勿使电池短路。

### 2. 电池的安装法

插入电池时请注意极性（参照图 9）。

## 充 电

在使用电动工具之前，请先按以下方法给电池充电。

1. 将充电器的电源线连接至电源插座。连接电源线时，充电器的指示灯将闪烁呈红色（以 1 秒的间隔）。
2. 将电池装入充电器。  
如图 10 所示，将电池稳稳地插入充电器直至其接触到充电器的底部，并确认电池的极性方向正确无误。

#### 注意

○ 若以相反的极性方向插入电池，不仅无法进行充电，而且还可能导致发生充电端子变形等问题。

### 3. 充电

将电池插入充电器后，充电开始，并且，充电器上的指示灯将持续点亮呈红色。

电池完全充电后，指示灯将闪烁呈红色（以 1 秒的间隔）（参见表 1）。



表 1

指示灯的显示			
充电前	闪烁 (红色)	点亮 0.5 秒钟，不点亮 0.5 秒钟 (熄灭 0.5 秒钟)	
充电时	点亮 (红色)	连续点亮	
充电完成	闪烁 (红色)	点亮 0.5 秒钟，不点亮 0.5 秒钟 (熄灭 0.5 秒钟)	
无法充电	闪动 (红色)	点亮 0.1 秒钟，不点亮 0.1 秒钟 (熄灭 0.1 秒钟)	电池或充电器有问题
无法充电	点亮 (绿色)	连续点亮	电池温度太高，以致无法充电。

(1) 指示灯显示

根据充电器或充电式电池的情况，指示灯的显示如表 1 所示。

(2) 关于充电式电池的温度

充电式电池的温度如下表所示，在充电前应使已发热的电池冷却片刻。

表 2 电池充电的温度范围

充电式电池	电池可充电的温度
EB1814, EB18B, EB1820	-5°C - 60°C
EB1830H	0°C - 45°C

(3) 关于充电时间

根据充电器和电池的组合，充电时间如图 3 所示。

表 3 充电时间（于 20°C）

充电器 \ 电池	UC24YFA
EB1814	约 40 分钟
EB18B, EB1820	约 50 分钟
EB1830H	约 70 分钟

注

充电时间可能根据温度和电压而有变化。

4. 从电源插座拔下充电器的电源线。

5. 握紧充电器并取出电池。

注

充电完成后，请先从充电器内取出电池，然后加以妥善保存。

关于新电池等的放电

因新的和长期未使用的充电式电池内部的化学物质无活性，故第一次和第二次使用时其放电能力可能较低。这是暂时现象，这种电池充电 2 - 3 次后即可恢复其充电所需的正常时间。

较长时间保持电池性能的方法

(1) 在电池电力完全耗尽之前进行充电。

感到电动工具的能力变弱时，请停止使用并给电池充电。若您继续使用电动工具并耗尽电力，电池可能会损坏或其使用寿命缩短。

(2) 避免在高温环境中充电。

使用后充电式电池的温度将迅速升高。若使用后立即对这种电池进行充电，其内部化学物质会劣化，电池使用寿命将缩短。请稍等片刻，待电池冷却后再进行充电。

注意

- 若在电池因长时间存放在有直射阳光的场所或刚使用后发热时进行充电，充电器的指示灯点亮呈绿色。遇此情况时，请先让电池冷却后再开始充电。
- 指示灯闪动呈红色时（以 0.2 秒钟的间隔），请检查并取出充电器电池安装孔内的任何异物。若无异物，则可能电池或充电器发生故障。请带去经授权的维修中心检查。
- 因内置的微机需要约 3 秒钟才能确认正用 UC24YFA 进行充电的电池已被取出，因此请待 3 秒钟后再重新插入电池继续充电。

若在 3 秒钟内重新插入电池，该电池可能无法正常充电。

## 作业之前

### 1. 工作环境的准备和检查

请按下列注意事项检查工作环境是否适当。

### 2. 备好木制工作台（图 11）

因锯轮将伸出木材的下端，所以在切割时请将木材放在工作台上。若将方块木材用作工作台，则请选择平整的地面以确保工作台安置稳定。不稳定的工作台将导致危险的作业。

#### 注意

为了避免可能发生的故事，请始终确保切割后剩余的木材部分被牢牢固定或被收藏于适当位置。

## 使用前调整电锯

#### 注意

在进行任何调整之前，请先取出电池。

### 1. 调节切割深度

如图 12 所示，用手拧松旋钮时，另一只手握住手柄。

将底座移至所需位置便可调节切割深度。用这种方法调节切割深度，然后重新拧紧旋钮。

### 2. 调节劈刀

松开用于夹紧劈刀的六角头螺栓，将劈刀调节到图 13 所示的位置，然后重新拧紧螺栓。

### 3. 调节倾斜角

如图 14（A）和图 14（B）所示，通过拧松倾斜量规上的旋钮和底座上的翼形螺栓，锯轮便可相对底座最大倾斜 45 度。完成调节后，务请重新拧紧旋钮和翼形螺栓。

#### 注：

底座上的倾斜量规的值仅为参考值。在倾斜状态进行切割操作时，请用量角器等调节底座和锯轮之间的角度后再使用电圆锯。

### 4. 调节导块

在电圆锯上，可对导块的固定位置（锯轮与预标线对齐处）进行精确调节。

出厂时，电锯导块上的前面刻度的线条部分与锯轮的中心位置对齐（图 15）。

拧松导块上的固定螺丝，固定位置可能出错，请对固定位置进行必要的调节。

#### 注：

在 45 度倾斜角的状态下进行切割作业时，请进行调节，使导块上的槽口与预标线对齐。

### 5. 调节导条（图 16）

拧松导条上的翼形螺栓后，将导条移至左侧或右侧，便可调节切割位置。导条可能安装在电动工具的左侧或右侧。

## 使用的方法

### 1. 开关的操作（图 17）

（开关扳机和照明开关）

(1) 为了安全进行机械操作，在把手的旁边设有“开关锁定”。

如果在以箭头标记的方向按下“开关锁定”的状态下拉动“开关扳机”，主开关会接通电源。“开关锁定”被用作“照明开关”。如果在某种状态下按“开关锁定（照明开关）”，照明灯点亮。

(2) 打开开关后，即使松开按住开关锁定的手指，只要一直拉动开关扳机，机身就仍会继续运转，照明灯仍会继续点亮。

(3) 若松开开关扳机，可关闭开关，并且“开关锁定”会自动恢复其初始位置，照明灯也会熄灭。

#### 注意：

- 请勿固定开关锁定，此外，在携带电圆锯时请勿触摸开关扳机。否则，机身开关可能会被无意打开，从而导致意外事故的发生。
- 仅在切割作业时打开照明灯。若在其他场合也打开照明灯，机身开关可能会被无意打开，从而导致意外事故的发生。
- 若在机内装有电池的状态下将机身搁置不用，根据机身的放置方向，“开关锁定”可能会触及地板和（或）墙壁表面而使照明灯持续点亮。请注意，连续的照明容易使完全充电的电池在大约 3 个小时内耗尽电力。

### 2. 切割步骤

#### 注意：

- 再次确认锯轮已完全夹紧。
- 确认用于调节槽口深度的旋钮、用于调节倾斜角的旋钮和翼形螺栓。

- (1) 将底座放在材料之上，然后用位于底座前面的导块前刻度部分将预标线与锯轮对齐（图 15）。底座不倾斜时，请将较大的切割部分用作指南（图 15，图 18（A））。若底座倾斜（45 度），则请将较小的前刻度用作指南（图 15，图 18（B））。
- (2) 在锯轮与木材接触之前，请确保开关被设于 ON 位置。当挤压扳机时，开关打开；松开扳机时，开关关闭。以匀速直线移动电锯，将创造出最佳的切割作品。

#### 注意：

- 开始切割之前，确保锯轮已达到全速旋转。
- 锯轮停止时或作业中发出异常噪音时，请立即关闭开关。
- 工作结束时，请从机内取出电池。
- 在切割中扭曲或强行按电锯会给马达造成意外的压力，因此请沿直线轻轻地移动电锯。
- 通过一个接一个地换上备好的电池来连续使用圆形锯时，马达会过热。因此，每当机壳变热时，请让电锯休息片刻。
- 请避免在底座底部从切割材料上浮起的状态下进行切割。否则，马达会被锁定。

- \* 孔径为 16 mm 和 30 mm 的两种锯轮附带垫片（A）（购买电圆锯时，附带一种垫片（A））。

您的锯轮孔径与垫片（A）不符时，请与经销商联系。

- (3) 为了确保锯轮的旋转方向正确，锯轮上的箭头方向必须与电锯罩上的箭头方向一致。
- (4) 用手指尽量拧紧固定锯轮的六角头螺栓，然后按下锁定杆，锁定心轴，并完全拧紧六角头螺栓。

#### 注意

安装锯轮后，请再次确认锁定杆确实处于指定位置。

## 更换灯泡

#### 注意：

- 在更换灯泡之前，务请确认已从机身中取出电池。
- 刚熄灯后，灯泡温度仍很高。为了防止烫伤，请让其充分冷却后再更换灯泡。
- 更换灯泡时，请先确认底座的形状与其规格（12 V，5 W）相符后，再进行正确的安装。否则，灯泡可能会掉下并（或）导致过热。

## 锯轮的安装和拆下

#### 注意

为了避免发生重大事故，请确保开关处于 OFF 位置，并取出电池。

#### 1. 拆下锯轮

- (1) 将切割量设为最大，并按图 19 所示放置电圆锯。
- (2) 按下锁定杆，锁定心轴，并用套筒扳手取下六角头螺栓和垫片（B）。
- (3) 拿住安全罩杆，使安全罩完全缩回电锯罩内，然后取下锯轮（图 20）。

#### 2. 安装锯轮：

#### 注意

如果用非附带的套筒扳手来拧螺栓，可能发生拧得太紧或过松的情况，从而导致受伤。

- (1) 彻底清除积在心轴、螺栓和垫片处的锯末。
- (2) 如图 21 所示，带有突出中心、直径与锯轮的内径相同的垫片（A）和垫片（B）凹入侧须安装在锯轮侧。

#### 1. 拆卸灯泡

- (1) 从把手罩的凹入部分取下灯罩的凸出部分，然后按图 22 中箭头所示方向拉出灯罩。
- (2) 推动插座背面，并从把手罩内将插座和灯泡一起取出（图 23）。
- (3) 从插座上取下灯泡（图 24）。

#### 2. 安装灯泡

请采取与拆卸灯泡相反的步骤。

#### 注：

- 将灯泡安装在插座上时，请将灯泡插入到轻触插座底部为止。
- 如图 24 所示，将插座安装在把手罩内时，边观察插座的背面，边将插座与外罩孔对齐，并将插座插入到轻触把手罩为止。

## 保养和检查

#### 注意：

在进行任何检查或保养之前，务请取出电池。

**1. 检查锯轮：**

因使用钝的锯轮会降低效率并可能引起马达发生故障，故当发现锯轮磨损时须尽快磨快或更换锯轮。

**注意：**

若使用钝的锯轮，进行切割作业时反作用力会增加。请避免使用未加修理的、钝的锯轮。

**2. 检查安装螺丝：**

定期检查所有的安装螺丝并确保它们均被正常拧紧。若有某些螺丝松弛，请立即将其拧紧。否则，会导致发生重大危险。

**3. 马达的保养**

马达装置线圈是电动工具的“心脏”。须特别注意，确保线圈不受损和（或）被油或水浸湿。

**4. 检查炭刷（图 25）**

马达使用炭刷这种消耗品。因过度磨损的炭刷会导致马达发生故障，因此，当炭刷磨损或接近“磨损极限”时，请换上新的炭刷。此外，请始终保持炭刷的清洁，并确保它能在炭刷盒里自由滑动。

**注：**

换上新的炭刷时，请一定使用日立牌炭刷（代码号：999058）。

**5. 更换炭刷**

如图 27 所示，先取下刷帽，然后用平头螺丝刀等钩住炭刷的突起部分，取出炭刷。  
安装炭刷时，选择方向，使炭刷钉对准炭刷管外面的连接部分。如图 28 所示，用手指将其推入。最后安装刷帽。

**注意：**

务请将炭刷钉插入炭刷管外面的连接部分。（可插入附带的两个炭刷钉中的任何一个）。  
须特别注意，因此操作的任何差错均会导致炭刷钉变形，并且可能在很早的阶段就导致马达发生故障。

**6. 性能检查及安全罩的保养**

请保持安全罩的良好形状，以在任何时候都能发挥其正常性能。发生任何故障时，务请及时进行修理。

**7. 调节底座和锯轮以保持垂直状态：**

底座与锯轮之间的角度已被调为 90 度，但可能会因某种原因而使这种垂直状态遭到破坏。遇此情况时，请按以下方法进行调节：

(1) 将底座向上放置（图 29）并拧松旋钮和翼形螺帽。

(2) 将一直角尺放在底座和锯轮之上，并用带槽头螺丝刀转动带槽安装螺丝，移动底座的位置以产生所需的正确角度。

**8. 检查锯末**

请用干净的抹布或蘸有肥皂水的布擦除锯末。  
请勿使用漂白剂、氯、汽油或稀释剂。因它们可能会损坏塑料。

**9. 存放**

请存放在温度低于 40°C 并远离小孩的场所。

**10. 保养和修理**

因为正常使用会引起磨损，故所有高质量的电动工具最终都将需要保养或更换部件。为了确保仅使用正宗的优质更换用部件，所有保养和修理均请委托经日立公司授权的维修中心进行。

**11. 维修零部件一览表**

- A：项目号
- B：代码号
- C：使用数
- D：备注

**注意：**

日立牌电动工具的维修、改造和检查须由经日立公司授权的维修中心进行。

当要求维修或其他保养服务时，若将此零部件一览表与电动工具一起呈交给经日立公司授权的维修中心，将有助于维修或保养工作。

在操作和维修电动工具时，必须遵守贵国制定的安全的有关规则 and 标准。

**改造：**

日立牌电动工具经常加以改善和改造以采用最新的先进技术。

因此，某些零部件〔例如代码号和（或）设计〕可能变更，恕不另行通知。

**注**

为求改进，本手册所载规格可能不预先通告而已予更改。

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## GENERAL OPERATIONAL PRECAUTIONS

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1. Keep work area clean. Cluttered areas and benches invite accidents.
2. Avoid dangerous environment. Don't expose power tools and charger to rain. Don't use power tools and charger in damp or wet locations. And keep work area well lit. Never use power tools and charger near flammable or explosive materials. Do not use tool and charger in presence of flammable liquids or gases.
3. Keep children away. All visitors should be kept safe distance from work area.
4. Store idle tools and charger. When not in use, tools and charger should be stored in dry, high or locked-up place-out of reach of children. Store tools and charger in a place where the temperature is less than 40°C.
5. Don't force tool. It will do the job better and safer at the rate for which it was designed.
6. Use right tool. Don't force small tool or attachment to do the job of a heavy duty tool.
7. Wear proper apparel. Do not wear clothing or jewelry. They can be caught in moving parts. Rubber gloves and footwear are recommended when working outdoor.
8. Use eye protection with most tools. Also use face or dust mask if cutting operation is dusty.
9. Don't abuse cord. Never carry charger by cord or yank it to disconnect from receptacle. Keep cord from heat, oil and sharp edges.
10. Secure work. Use clamps or a vise to hold work. It's safer than using your hand and it frees both hands to operate tool.
11. Don't overreach. Keep proper footing and balance at all times.
12. Maintain tools with care. Keep tools sharp at all times, and clean for best and safest performance. Follow instructions for lubricating and changing accessories.
13. When the charger is not in use, or when being maintained and inspected, disconnect its power cord from the AC outlet.
14. Remove chuck wrenches and wrenches. Form habit of checking to see that wrenches are removed from tool before turning it on.
15. Avoid accidental starting. Don't carry tool with finger on switch.
16. To avoid danger, always use only the specified charger.
17. Use only original HITACHI replacement parts.
18. Do not use power tools for applications other than those specified in the Handling Instructions.
19. To avoid personal injury, use only the accessories or attachment recommended in these handling instructions or in the HITACHI catalog.
20. If the supply cord of this charger is damaged, the charger must be returned to the HITACHI authorized service center for the cord to be replaced. Let only the authorized service center do the repairing. The Manufacturer will not be responsible for any damages or injuries caused by repair by the unauthorized persons or by mishandling of the tool.
21. To ensure the designed operational integrity of power tools and charger, do not remove installed covers or screws.
22. Always use the charger at the voltage specified on the nameplate.
23. Do not touch movable parts or accessories unless the battery has been removed.
24. Always charge the battery before use.
25. Never use a battery other than that specified. Do not connect a usual dry cell, a rechargeable battery other than that specified or a car battery to the power tool.

26. Do not use any transformer that has a booster.
27. Do not charge the battery from an engine electric generator or DC power supply.
28. Always charge indoors. Because the charger and battery heat slightly during charging, charge the battery in a place not exposed to direct sunlight; where the humidity is low and the ventilation good.
29. When working in a high place, pay attention to the activities below to make sure there are no people below.
30. Use the exploded assembly drawing on this handling instructions only for authorized servicing.

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## PRECAUTIONS ON USING CORDLESS CIRCULAR SAW

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1. Always charge the battery at a temperature of 0 – 40°C. A temperature of less than 0°C will result in over charging which is dangerous. The battery cannot be charged at a temperature higher than 40°C.  
The most suitable temperature for charging is that of 20 – 25°C.
2. When one charging is completed, leave the charger for about 15 minutes before the next charging of battery.  
Do not charge more than two batteries consecutively.
3. Do not allow foreign matter to enter the hole for connecting the rechargeable battery.
4. Never disassemble the rechargeable battery and charger.
5. Never short-circuit the rechargeable battery. Short-circuiting the battery will cause a great electric current and overheat. It results in burn or damage to the battery.
6. Do not dispose of the battery in fire.  
If the battery is burnt, it may explode.
7. When using this unit continuously, the unit may overheat, leading to damage in the motor and switch. Please leave it without using it for approximately 15 minutes.
8. 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.
9. Using an exhausted battery will damage the charger.
10. 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.
11. Wear earplugs to protect your ears during operation.
12. Always hold the handle of the power tool firmly. Otherwise the counterforce produced may result in inaccurate and even dangerous operation.
13. Do not use saw blades which are deformed or cracked.
14. Do not use saw blades made of high speed steel.
15. Do not use saw blades which do not comply with the characteristics specified in these instructions.
16. Do not stop the saw blades by lateral pressure on the disc.
17. Always keep the saw blades sharp.
18. Ensure that the safety cover moves smoothly and freely.
19. Never use the circular saw with its safety cover fixed in the open position.
20. Ensure that the retraction mechanism of the guard system operates correctly.

21. The saw blades body must be thinner than the riving knife and the width of cut, or kerf (with teeth set) must be greater than the thickness of the riving knife.
22. Never operate the circular saw with the saw blade turned upward or the side.
23. Ensure that the material is free of foreign matters such as nails.
24. The riving knife should always be used except when plunging in the middle of the workpiece.
25. The saw blades range should be from 165 mm to 150 mm.
26. Be careful of brake kickback.  
This circular saw features an electric brake that functions when the switch is released. As there is some kickback when the brake functions, be sure to hold the main body securely.
27. Avoid cutting in the state where the base has floated up from the material.  
When blade is binding, or when interrupting a cut for any reason, release the trigger and hold the saw motionless in the material until the blade comes to a complete stop. Never attempt to remove the saw from the work or pull the saw backward while the blade is in motion or KICKBACK may occur. Investigate and take corrective actions to eliminate the cause of blade binding.
28. Support large panels to minimize the risk of blade pinching and KICKBACK. Large panels tend to sag under their own weight. Supports must be placed under the panel on both sides, near the line of cut and near the edge of the panel as shown in **Fig. 1**.  
To minimize the risk of blade pinching and kickback.
29. Use extra caution when making a "Pocket Cut" into existing walls or other blind areas. The protruding blade may cut objects that can cause KICKBACK.  
NEVER place your hand or fingers behind the saw (**Fig. 3**). If kickback occurs, the saw could easily jump backwards over your hand, possibly causing severe injury.
30. **WARNING:** It is important to support the work piece properly and to hold the saw firmly to prevent loss of control which could cause personal injury. **Fig. 4** illustrates typical hand support of the saw.
31. Place the wider portion of the saw base on that part of the work piece which is solidly supported, not on the section that will fall off when the cut is made. As examples, **Fig. 5** illustrates the RIGHT way to cut off the end of board, and **Fig. 6** the WRONG way. If the work piece is short or small, clamp is down.  
**DON'T TRY TO HOLD SHORT PLACES BY HAND!**
32. Never attempt to saw with the circular saw held upside down in a vise. This is extremely dangerous and can lead to serious accidents. (**Fig. 7**)
33. When the brake becomes ineffective, replace the carbon brushes with new ones.

## SPECIFICATIONS

### POWER TOOL

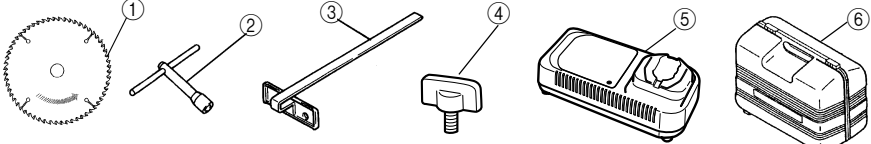
Model			C6DD
No-load speed			2600 min <sup>-1</sup>
Capacity	Cutting depth	90°	55 mm
		45°	40 mm
Rechargeable battery			Ni-Cd battery, 18V
Light bulb			12V, 5W
Weight			4.4 kg

### CHARGER

Model	UC24YFA
Charging voltage	7.2 – 24V
Weight	0.6 kg

STANDARD ACCESSORIES

C6DD



① Saw Blade (mounted on tool) ..... 1

② Box Wrench ..... 1

③ Guide ..... 1

④ Wing-bolt ..... 1

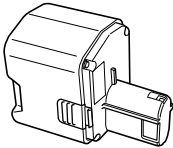
⑤ Charger (UC24YFA) ..... 1

⑥ Plastic case ..... 1

Standard accessories are subject to change without notice.

OPTIONAL ACCESSORIES (sold separately)

1. Battery (EB1814, EB18B, EB1820, EB1830H)



2. Saw Blade  
Use.....Cutting various types of wood.

External Diam	Hole Diam.	No. of Teeth
165 mm	16 mm	16 pieces
165 mm	20 mm	16 pieces
165 mm	30 mm	16 pieces

3. Washer (A) .... for 16 mm (Hole dia .of saw blade)  
..... for 20 mm (Hole dia. of saw blade)  
..... for 30 mm (Hole dia. of saw blade)
4. Dust Collector Set (D)  
Connect the suction hose to collect saw dust with the vacuum cleaner (see Fig. 30).
- Optional accessories are subject to charge without notice.

APPLICATION

Cutting various types of wood.


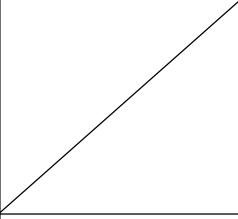

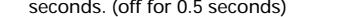


BATTERY REMOVAL/INSTALLATION

1. **Battery removal**  
Hold the handle tightly and push the battery latches to remove the battery (see Fig. 8,9).
- CAUTION**  
Never short-circuit the battery.
2. **Battery installation**  
Insert the battery while observing its polarities (see Fig. 9).

CHARGING

- Before using the power tool, charge the battery as follows.
1. Connect the charger's power cord to a receptacle.  
When the power cord is connected, the charger's pilot lamp will blink in red. (At 1-second intervals).
2. Insert the battery into the charger.  
Firmly insert the battery into the charger till it contacts the bottom of the charger and checking the polarities as shown in Fig. 10.

- CAUTION**
- If the batteries are inserted in the reverse direction, not only recharging will become impossible, but it may also cause problems in the charger such as a deformed recharging terminal.
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)
- (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.

Indications of the pilot lamp			
Before charging	Blinks (RED)	Lights for 0.5 seconds. Does not light for 0.5 seconds. (off for 0.5 seconds) 	
While charging	Lights (RED)	Lights continuously 	
Charging complete	Blinks (RED)	Lights for 0.5 seconds. Does not light for 0.5 seconds. (off for 0.5 seconds) 	
Charging impossible	Flickers (RED)	Lights for 0.1 seconds. Does not light for 0.1 seconds. (off for 0.1 seconds) 	Malfunction in the battery or the charger
Charging impossible	Lights (GREEN)	Lights continuously 	The battery temperature is high, making recharging impossible.

- Regarding electric discharge in case of new batteries, etc.**

How to make the batteries perform longer.

Rechargeable batteries	Temperatures at which the battery can be recharged
EB1814, EB18B, EB1820	-5°C – 60°C
EB1830H	0°C – 45°C

- (1) Recharge the batteries before they become completely exhausted.  
When you feel that the power of the tool becomes weaker, stop using the tool and recharge its battery. If you continue to use the tool and exhaust the electric current, the battery may be damaged and its life will become shorter.
- (2) Avoid recharging at high temperatures.

Battery \ Charger	UC24YFA
EB1814	Approx. 40 min.
EB18B, EB1820	Approx. 50 min.
EB1830H	Approx. 70 min.

The charging time may vary according to temperature and power source voltage.

- After operation, pull out batteries from the charger first, and then keep the batteries properly.

- 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 up green. In such a case, first let the battery cool, then start charging.
- When the pilot lamp flickers in red (at 0.2-second intervals), check for and take out any foreign objects in the charger's battery installation hole. If there are no foreign objects, it is probable that the battery or charger is malfunctioning. Take it to your authorized Service Center.
- Since the built-in micro computer takes about 3 seconds to confirm that the battery being charged with UC24YFA 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.

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## PRIOR TO OPERATION

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1. **Setting up and checking the work environment**  
Check if the work environment is suitable by following the precautions.
2. **Prepare a wooden workbench (Fig. 11)**  
Since the saw blade will extend beyond the lower surface of the lumber, place the lumber on a workbench when cutting. If a square block is utilized as a workbench, select level ground to ensure it is properly stabilized. An unstable workbench will result in hazardous operation.

### CAUTION

To avoid possible accident, always ensure that the portion of lumber remaining after cutting is securely anchored or held in position.

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## ADJUSTING THE SAW PRIOR TO USE

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### CAUTION

Pull out battery before doing any adjusting.

1. **Adjusting the cutting depth**  
As shown in Fig. 12, hold the handle with one hand while loosening the knob with the other.  
The cutting depth can be adjusted by moving the base to the desired position. In such manner adjust the cutting depth and then securely retighten the knob.
2. **Adjusting the riving knife**  
Loosen the hexagonal – head bolt used to clamp the riving knife, adjust the riving knife to the position shown in Fig. 13 and securely retighten the bolt.
3. **Adjusting the angle of inclination**  
As shown in Fig. 14 (A), Fig. 14 (B) by loosening the knob on the incline gauge and the wing-bolt on the base, the saw blade may be inclined to a maximum angle of 45° in relation to the base. After having completed the adjustment, reconfirm that the knob and the wing bolt are firmly tightened.

### NOTE:

Values of the inclined gauge provided on the base merely serve as a rough guideline. For cutting operation at an inclined posture, use the circular saw after adjusting the angle between the base and the saw blade with a protractor, etc.

4. **Adjusting the guide piece**  
On the circular saw, it is possible to make fine adjustment of the fixing position of the guide piece, where the saw blade and the premarked line are to be aligned.  
When the saw is shipped from the factory, the linear portion of a front scale on the guide piece is aligned with the central position of the saw blade. (Fig. 15)  
Loosen the fixed screw on the guide piece, should the fixing position be wrong, and make necessary adjustment of the position.

### NOTE:

For cutting operation at the inclination of 45 degrees, make adjustment so that the notch on the guide piece and the premarked line become aligned.

5. **Regulating the guide (Fig. 16)**

The cutting position can be regulated by moving the guide to the left or right after loosening its wingbolt. The guide may be mounted on either the right or left side of the tool.

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## HOW TO USE

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1. **Operation of switch (Fig. 17)  
(switch trigger and light switch)**

- (1) For safe operation of the machine, a “switch lock” is provided on the side of a handle.  
If the “switch trigger” is pulled in a state where “switch lock” is pressed in the direction of the arrow mark, the main switch can be turned ON. And the “switch lock” is used as the “light switch”. If the “switch lock (light switch)” is pressed in a state, the light is turned ON.
- (2) After the switch is turned ON, even when you release your hand from the switch lock, the body continues running and the light continues being turned ON as long as you keep on pulling the switch trigger.
- (3) If you release the switch trigger, you can turn OFF the switch and the “switch lock” returns to the original position automatically and the light turns OFF too.

### CAUTION:

- Do not fix and secure the switch lock. Besides, keep your finger off the switch trigger when the circular saw is being carried around. Otherwise, the main body switch can be inadvertently turned ON, resulting in unexpected accidents.
- Keep the light ON during cutting operation only. If it is lit ON in other cases, the main body switch can be inadvertently turned ON, resulting in unexpected accidents.
- If the main body is left as it is with the battery inserted, there can be a case where the [switch lock] touches the floor and/or wall surface and lights up continuously, depending on the direction of the body. Be careful, since continuous lighting can easily make a full-charged battery go dead in about 3 hours.”

2. **Cutting procedures**

### CAUTION:

- Recheck that the saw blade is securely clamped.
  - Confirm that the knob for adjusting the slot depth, the knob and the wing bolt for adjusting the angle of inclination.
- (1) Place the base on the material, then align the premarked line and the sawblade with the guide piece front scale section at the front of the base. (Fig. 15)  
When the base is not slanted, use the large cutout as the guide. (Fig. 15, Fig. 18(A))  
If the base is slanted (45 degrees), use the small front scale as the guide. (Fig. 15, Fig. 18(B))
  - (2) Ensure that the switch is turned to the ON position before the saw blade comes in contact with the lumber. The switch is turned ON when the trigger is squeezed; and OFF when the trigger is released. Moving the saw straight at a constant speed will produce optimum cutting.

## CAUTIONS

- Before starting to saw, ensure that the saw blade has reached full speed revolution.
- Should the saw blade be stopped or made an abnormal noise during operation, turn off the switch immediately.
- When finished with a job, pull out the battery from the main body.
- Twisting and forcibly pressing the saw during cutting can result in unreasonable pressure on the motor, so try to go straight quietly.
- In the situation where the circular saw is continuously operated while replacing the battery with stocked spare batteries one after another, the motor tends to overheat. Therefore, whenever the housing becomes hot, give the saw a break for a while.
- Avoid cutting operation in a state where the base bottom is afloat from the material being cut. Otherwise, the motor can get locked.

## MOUNTING AND DISMOUNTING THE SAW BLADE

### CAUTION

To avoid serious accident, ensure the switch is in the OFF position, and pull out the battery.

#### 1. Dismounting the saw blade

- (1) Set the cutting volume at maximum, and place the Circular Saw as shown in **Fig. 19**.
- (2) Depress the lock lever, lock the spindle, and remove the hexagonal-head bolt and washer (B) with the box wrench.
- (3) While holding the safety cover lever to keep the safety cover fully retracted into the saw cover, remove the saw blade. (**Fig. 20**)

#### 2. Mounting the Saw Blade:

### CAUTION:

If the bolt is worked using other tools than the provided box wrench, excessive tightening and insufficient tightening may take place resulting in injury.

- (1) Thoroughly remove any sawdust which has accumulated on the spindle, bolt and washers.
- (2) As shown in **Fig. 21**, the side of Washer (A) with a projected center the same diameter as the inner diameter of the saw blade and the concave side of Washer (B) must be fitted to the saw blade sides.

\* Washer (A) is supplied for 2 types of saw blades with the hole diameters of 16 mm and 30 mm. (When buying the Circular Saw, one type of washer (A) is supplied.)

In case the hole diameter of your saw blade does not correspond to that of washer (A), please contact the shop where you purchased the Circular Saw.

- (3) To assure proper rotation direction of the saw blade, the arrow direction on the saw blade must coincide with the arrow direction on the saw cover.
- (4) Using the fingers, tighten the hexagonal-head bolt retaining the saw blade as much as possible. Then depress the lock lever, lock the spindle, and thoroughly tighten the hexagonal-head bolt.

### CAUTION

After having attached the saw blade, reconfirm that the lock lever is firmly secured in the prescribed position.

## REPLACING LIGHT BULB

### CAUTION:

- Make absolutely sure that the battery is removed from the main body before replacing the light bulb.
- Immediately after the light is turned OFF, the bulb retains high temperature. Make sure to cool down the light bulb thoroughly before replacing it so as to prevent burns.
- When replacing the light bulb, check the shape of base as well as the rating (12 V, 5 W), and then carry out perfect mounting. Otherwise, the light bulb can come off and/or cause overheat.

#### 1. Detaching light bulb

- (1) Remove the convex part of the light cover from the concave part of the handle cover, and then pull out the light cover in the arrow-marked direction as shown in **Fig. 22**.
- (2) Push the back of the socket, and remove the socket and the light bulb together from the handle cover (**Fig. 23**).
- (3) Remove the light bulb from the socket. (**Fig. 24**).

#### 2. Attaching light bulb

Take procedures here that are contrary to the detaching procedures.

### NOTE:

- When attaching the light bulb to the socket, insert the light bulb until it lightly bumps against the socket.
- When attaching the socket to the handle cover, align the socket with the hole of housing while watching the back of the socket shown in **Fig. 24**, and insert the socket until it lightly bumps against the handle cover.

## MAINTENANCE AND INSPECTION

### CAUTION:

Pull out battery before doing any inspection or maintenance.

#### 1. Inspecting the saw blade:

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

### CAUTION:

If a dull saw blade is used, reactive force is increased during cutting operation. Avoid the use of the dull saw blade without repair.

#### 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. Inspecting the carbon brushes (**Fig. 25**)

The motor employs carbon brushes which are consumable parts. Since and excessively worn carbon brush can result in motor trouble, replace the carbon brush with new ones when it becomes worn to or near the "wear limit". In addition, always keep carbon brushes clean and ensure that they slide freely within the brush holders.

**NOTE:**

When replacing the carbon brush with a new one, be sure to use the Hitachi Carbon Brush Code No. 999058.

**5. Replacing carbon brushes**

Take out the carbon brush by first removing the brush cap and then hooking the protrusion of the carbon brush with a flat head screw driver, etc., as shown in Fig. 27.

When installing the carbon brush, choose the direction so that the nail of the carbon brush agrees with the contact portion outside the brush tube. Then push it in with a finger as illustrated in Fig. 28. Lastly, install the brush cap.

**CAUTION:**

Be absolutely sure to insert the nail of the carbon brush into the contact portion outside the brush tube. (You can insert whichever one of the two nails provided.)

Caution must be exercised since any error in this operation can result in the deformed nail of the carbon brush and may cause motor trouble at an early stage.

**6. Performance checkup and maintenance of safety cover**

Keep the safety cover in good shape for smooth performance at all times. Be sure to make prompt repair in case of any malfunction.

**7. Adjusting the base and saw blade to maintain perpendicularity:**

The angle between the base and the saw blade has been adjusted to 90°, however should this perpendicularity be lost for some reason, adjust in the following manner:

- (1) Turn the base face up (Fig. 29) and loosen the knob and wing-nut.
- (2) Apply a square to the base and the saw blade and turning the slotted set screw with a slotted-head screwdriver, shift the position of the base to produce the desired right angle.

**8. Check for dust**

Dust may be removed with a clean rag or a cloth dampened with soapy water.  
Do not use bleach, chlorine, gasoline or thinner, for they may damage the plastics.

**9. Storage**

Storing in a place below 40°C and out of the reach of children.

**10. Service and repairs**

All quality power tools will eventually require servicing or replacement of parts because of wear from normal use. To assure that only genuine replacement parts must be used, all service and repairs must be performed by a HITACHI AUTHORIZED SERVICE CENTER, ONLY.

**11. Service parts list**

A : Item No.  
B : Code No.  
C : No. Used  
D : Remarks

**CAUTION:**

Repair, modification and inspection of Hitachi Power Tools must be carried out by an Hitachi Authorized Service Center.

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.

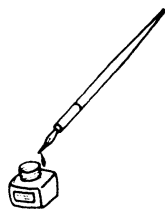
Accordingly, some parts (i.e. code numbers and/or design) may be changed without prior notice.

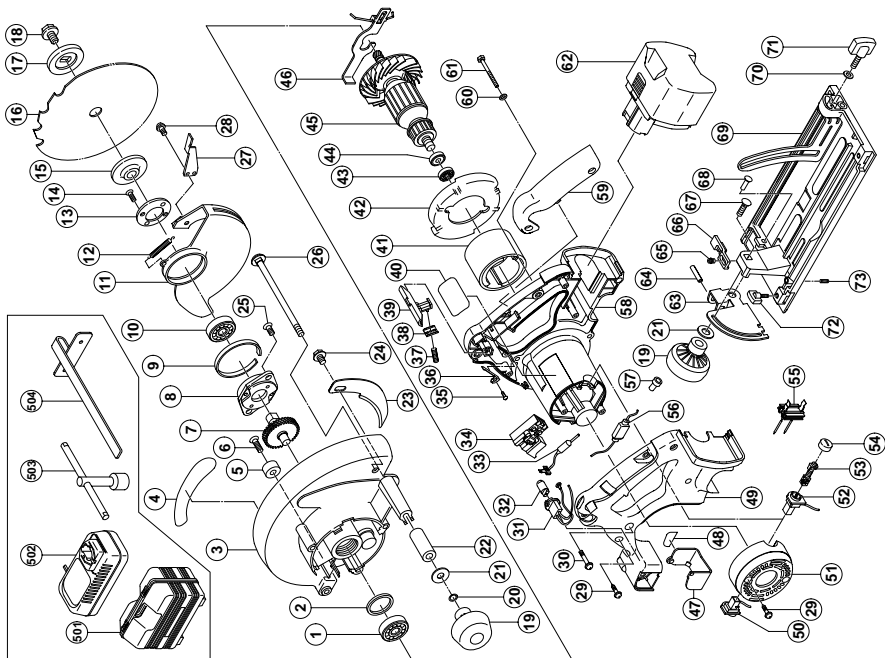
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**NOTE**

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

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A	B	C	D	A	B	C	D
1	600-1W	1	6001VVCMP52L	39	319-904	1	
2	958-130	1		40	-- --	1	
3	302-742	1	"2, 5, 6"	41	319-820	1	
4	-- --	1		42	302-454	1	
5	961-729	1		43	608-VVM	1	608VVC2PS2L
6	949-794	2	M6x20	44	311-435	1	
7	319-829	1		45	360-554	1	"1, 43, 44"
8	302-433	1		46	302-453	1	
9	961-807	1		47	319-834	1	
10	600-3V	1	6003VVCMP52L	48	-- --	1	
11	302-461	1		49	319-819	1	
12	302-463	1		50	319-828	1	
13	302-435	1		51	319-832	1	
14	990-430	2	M4x10	52	319-827	1	
15	302-476	1	D30	53	999-058	2	
16	302-443	1	D16	54	319-833	2	
17	302-409	1	165MM-D30	55	319-821	1	
18	302-407	1	165MM-D16	56	319-826	1	
19	302-423	1		57	959-141	1	
20	302-427	1	M8x15.5	58	319-818	1	
21	302-458	2		59	319-831	1	
22	676-531	1		60	962-569	2	
23	949-433	2		61	960-108	2	D4x60
24	303-838	1		62	319-835	1	EB1820
25	992-013	2	M5x14	63	308-479	1	EB1830H
26	302-468	1	M8x10	64	949-686	1	D6x40
27	302-013	2	M8	65	317-200	1	M4x8
28	304-043	1	M4x10	66	316-246	1	
29	302-086	8	D4x20	67	302-457	1	M8x30
30	997-234	3	M5x35	68	308-480	2	D6x17
31	319-820	1		69	316-443	1	"19, 21, 63, 65-68, 70, 71"
32	319-822	1		70	949-425	1	M6
33	319-824	1		71	302-459	1	M6x17
34	319-825	1		72	301-806	1	
35	958-715	1	D4x10	73	302-469	1	M6x6
36	319-823	1		501	319-836	1	
37	301-631	1		502	UC24YFA	1	
38	317-207	1		503	302-478	1	13MM
				504	302-756	1	

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