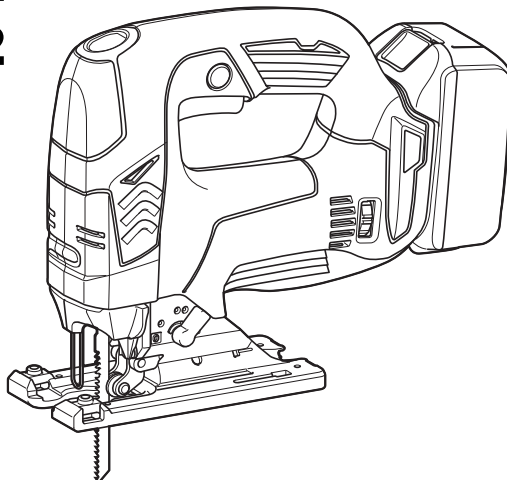




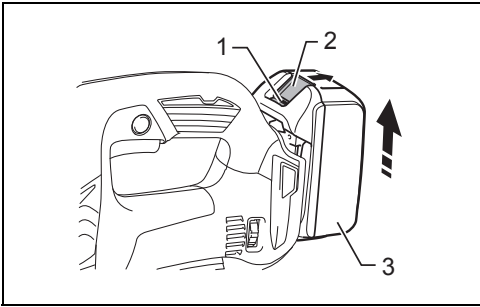
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F	Scie sauteuse sans fil	Manuel d'instructions
D	Akku-Stichsäge	Betriebsanleitung
I	Sega da traforo a batteria	Istruzioni per l'uso
NL	Accudecoupeerzaag	Gebruiksaanwijzing
E	Sierra Caladora Inalámbrica	Manual de instrucciones
P	Serra Tico-Tico a Bateria	Manual de instruções
DK	Ledningsfri stiksav	Brugsanvisning
GR	Σέγα μπαταρίας	Οδηγίες χρήσης
TR	Akülü Dekupaj Testere	Kullanım kılavuzu

DJV142
DJV182



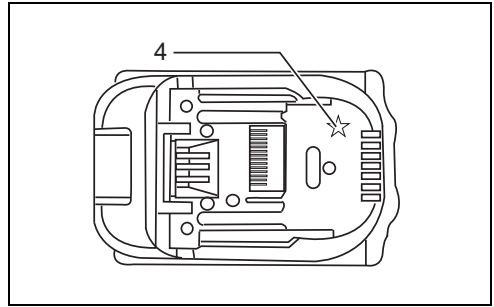
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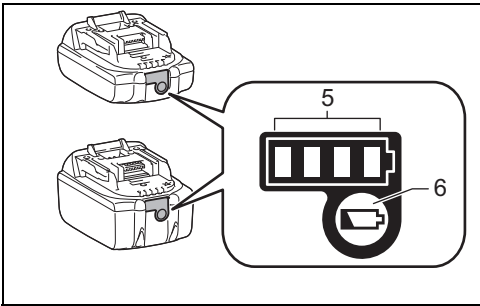
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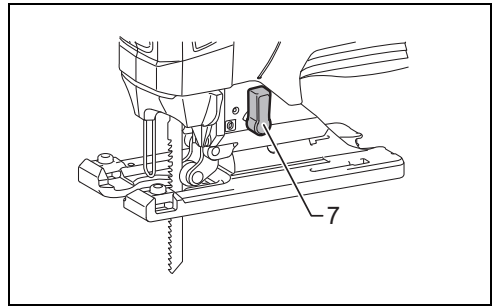
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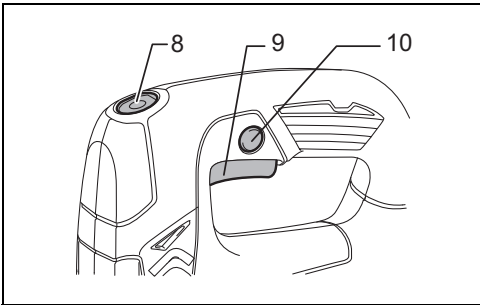
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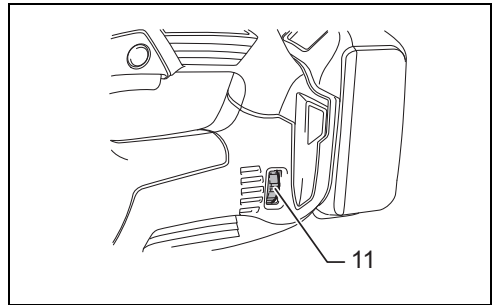
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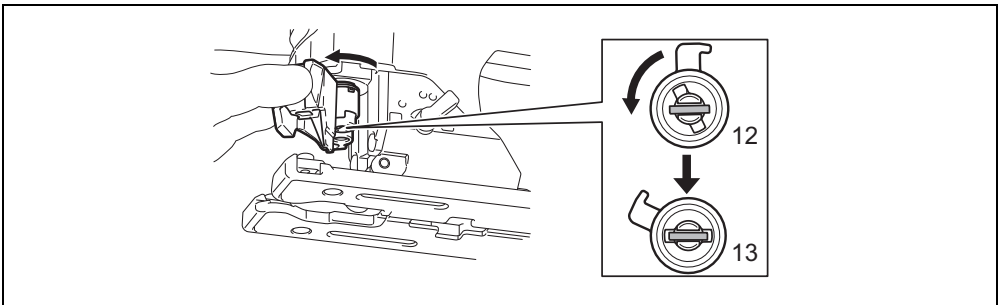
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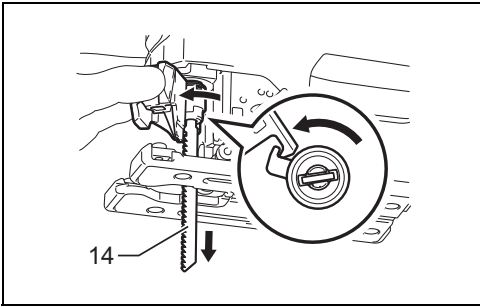
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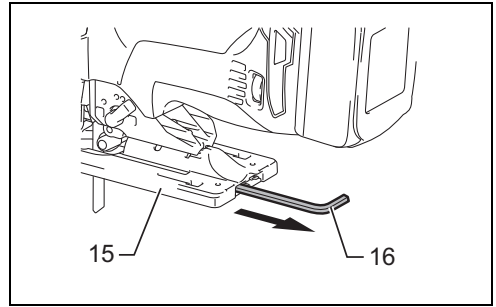
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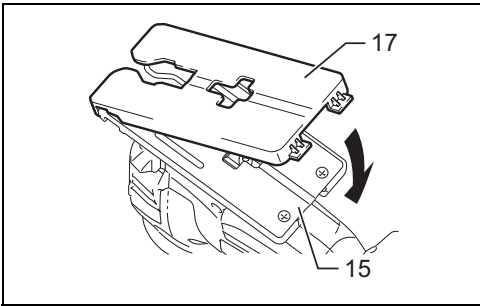
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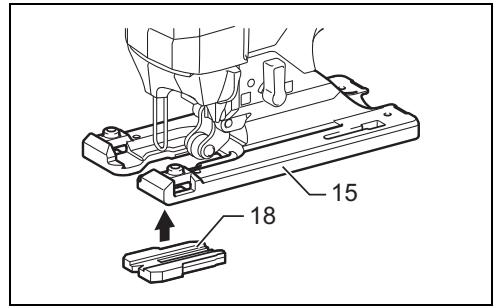
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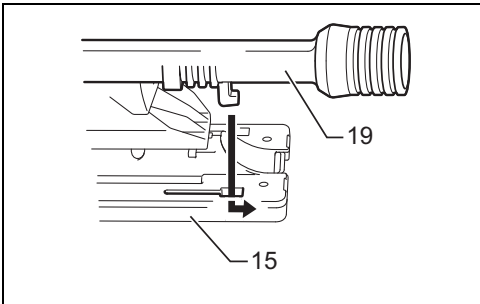
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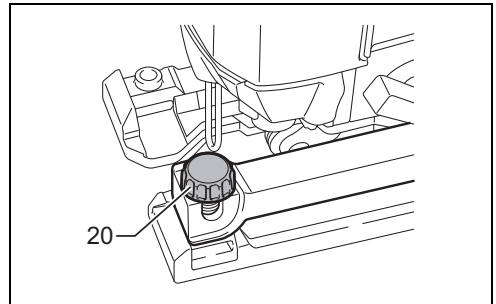
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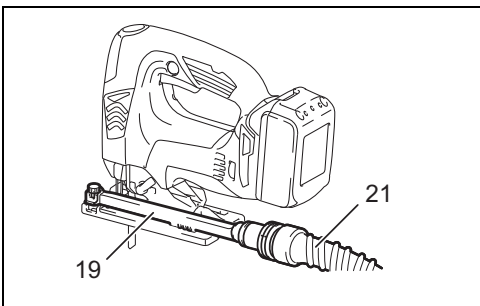
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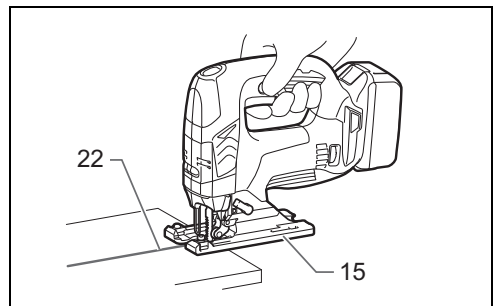
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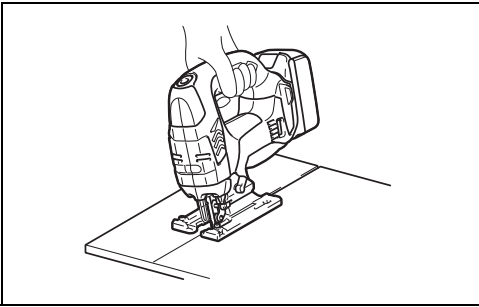
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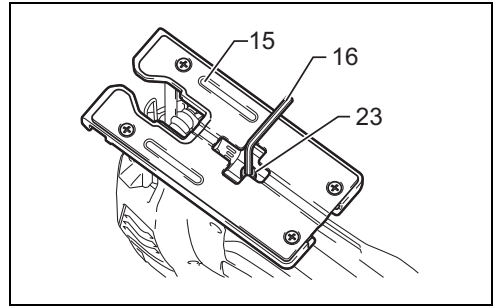
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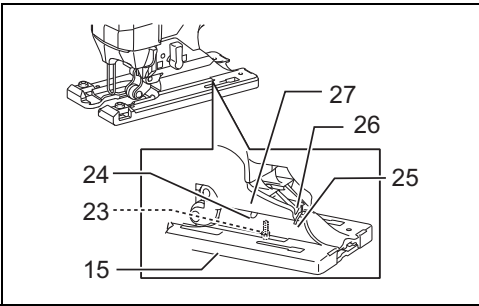
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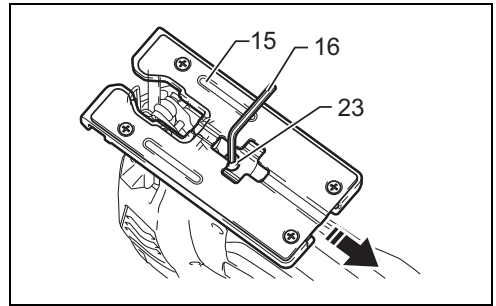
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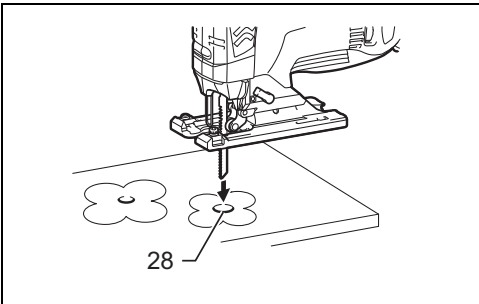
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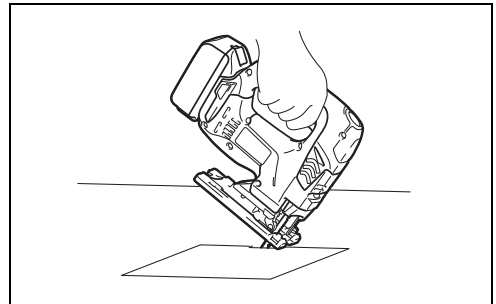
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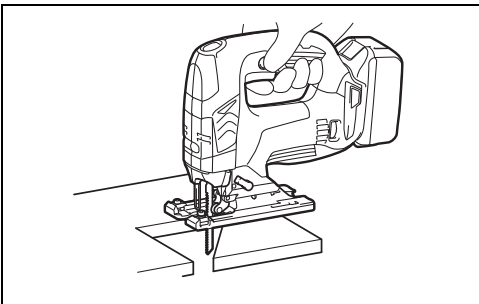
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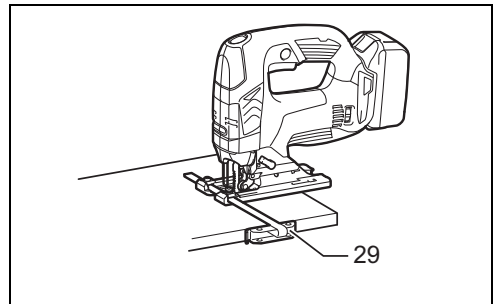
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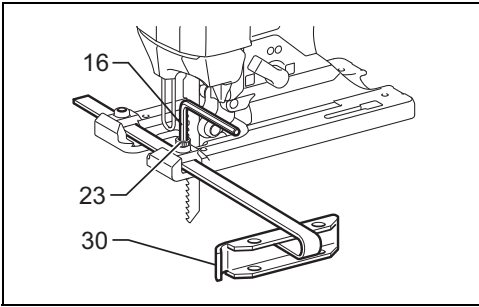
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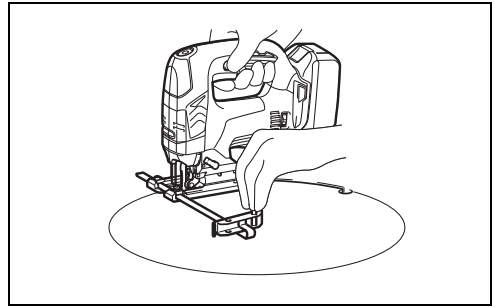
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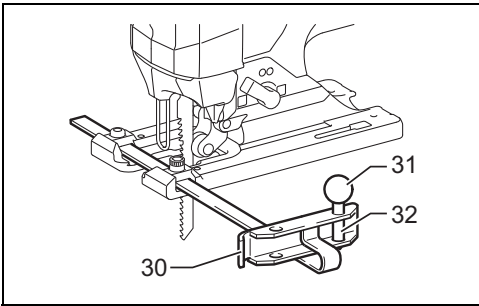
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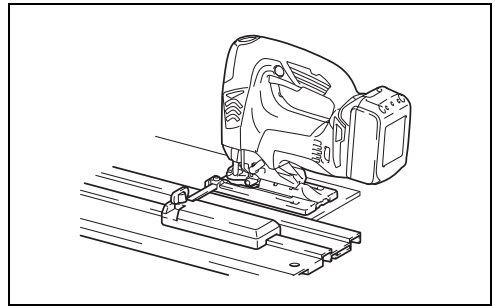
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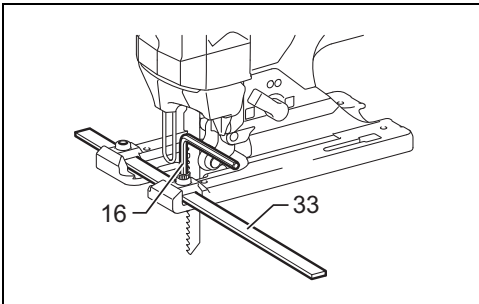
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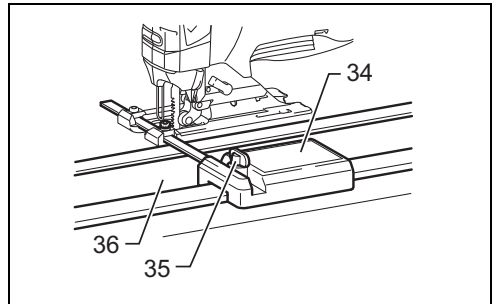
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ENGLISH (Original instructions)

Explanation of general view

- | | | |
|----------------------------------|-----------------------------|------------------------|
| 1. Red indicator | 13. Released position | 25. Graduations |
| 2. Button | 14. Jig saw blade | 26. V-notch |
| 3. Battery cartridge | 15. Base | 27. Gear housing |
| 4. Star marking | 16. Hex wrench | 28. Starting hole |
| 5. Indicator lamps | 17. Cover plate | 29. Rip fence |
| 6. Check button | 18. Anti-splintering device | 30. Fence guide |
| 7. Cutting action changing lever | 19. Dust nozzle | 31. Threaded knob |
| 8. Lock switch | 20. Clamp screw | 32. Circular guide pin |
| 9. Switch trigger | 21. Hose for vacuum cleaner | 33. Ruler bar |
| 10. Lock on button | 22. Cutting line | 34. Guide rail adapter |
| 11. Speed adjusting dial | 23. Bolt | 35. Screw |
| 12. Fixed position | 24. Bevel slot | 36. Guide rail |

SPECIFICATIONS

Model	DJV142	DJV182
Length of stroke	26 mm	26 mm
Max. cutting capacities	Wood	135 mm
	Mild steel	10 mm
	Aluminum	20 mm
Strokes per minute (min ⁻¹)	800 - 3,500	800 - 3,500
Overall length	264 mm	266 mm
Net weight	2.3 - 2.6 kg	2.4 - 2.7 kg
Rated voltage	D.C. 14.4 V	D.C. 18 V

- Due to our continuing program of research and development, the specifications herein are subject to change without notice.
- Specifications may differ from country to country.
- The weight may differ depending on the attachment(s), including the battery cartridge. The lightest and heaviest combination, according to EPTA-Procedure 01/2014, are shown in the table.

Applicable battery cartridge and charger

Battery cartridge	D.C. 14.4 V Model	BL1415N/BL1430/BL1430B/BL1440/BL1450/BL1460B
	D.C. 18 V Model	BL1815N/BL1820/BL1820B/BL1830/BL1830B/BL1840/BL1840B/BL1850/BL1850B/BL1860B
Charger	DC18RC/DC18RD/DC18RE/DC18SD/DC18SE/DC18SF	

- Some of the battery cartridges and chargers listed above may not be available depending on your region of residence.

WARNING:

- **Only use the battery cartridges and chargers listed above.** Use of any other battery cartridges and chargers may cause injury and/or fire.


Intended use

ENE019-1

The tool is intended for the sawing of wood, plastic and metal materials. As a result of the extensive accessory and saw blade program, the tool can be used for many purposes and is very well suited for curved or circular cuts.

General power tool safety warnings

GEA010-2

 **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.

Cordless jig saw safety warnings

GEB187-1

1. **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.

2. **Use clamps or another practical way to secure and support the workpiece to a stable platform.** Holding the workpiece by hand or against your body leaves it unstable and may lead to loss of control.
3. **Always use safety glasses or goggles. Ordinary eye or sun glasses are NOT safety glasses.**
4. **Avoid cutting nails. Inspect workpiece for any nails and remove them before operation.**
5. **Do not cut oversize workpiece.**
6. **Check for the proper clearance beyond the workpiece before cutting so that the blade will not strike the floor, workbench, etc.**
7. **Hold the tool firmly.**
8. **Make sure the blade is not contacting the workpiece before the switch is turned on.**
9. **Keep hands away from moving parts.**
10. **Do not leave the tool running. Operate the tool only when hand-held.**
11. **Always switch off and wait for the blade to come to a complete stop before removing the blade from the workpiece.**
12. **Do not touch the blade or the workpiece immediately after operation; they may be extremely hot and could burn your skin.**
13. **Do not operate the tool at no-load unnecessarily.**
14. **Some material contains chemicals which may be toxic. Take caution to prevent dust inhalation and skin contact. Follow material supplier safety data.**
15. **Always use the correct dust mask/respirator for the material and application you are working with.**

SAVE THESE INSTRUCTIONS.

WARNING:

DO NOT let comfort or familiarity with product (gained from repeated use) replace strict adherence to safety rules for the subject product. **MISUSE** or failure to follow the safety rules stated in this instruction manual may cause serious personal injury.

IMPORTANT SAFETY INSTRUCTIONS FOR BATTERY CARTRIDGE

ENC007-12

1. **Before using battery cartridge, read all instructions and cautionary markings on (1) battery charger, (2) battery, and (3) product using battery.**
2. **Do not disassemble battery cartridge.**
3. **If operating time has become excessively shorter, stop operating immediately. It may result in a risk of overheating, possible burns and even an explosion.**
4. **If electrolyte gets into your eyes, rinse them out with clear water and seek medical attention right away. It may result in loss of your eyesight.**
5. **Do not short the battery cartridge:**
 - (1) **Do not touch the terminals with any conductive material.**

- (2) **Avoid storing battery cartridge in a container with other metal objects such as nails, coins, etc.**
- (3) **Do not expose battery cartridge to water or rain.**

A battery short can cause a large current flow, overheating, possible burns and even a breakdown.

6. **Do not store the tool and battery cartridge in locations where the temperature may reach or exceed 50°C (122°F).**
7. **Do not incinerate the battery cartridge even if it is severely damaged or is completely worn out. The battery cartridge can explode in a fire.**
8. **Be careful not to drop or strike battery.**
9. **Do not use a damaged battery.**
10. **The contained lithium-ion batteries are subject to the Dangerous Goods Legislation requirements.** For commercial transports e.g. by third parties, forwarding agents, special requirement on packaging and labeling must be observed. For preparation of the item being shipped, consulting an expert for hazardous material is required. Please also observe possibly more detailed national regulations. Tape or mask off open contacts and pack up the battery in such a manner that it cannot move around in the packaging.
11. **Follow your local regulations relating to disposal of battery.**
12. **Use the batteries only with the products specified by Makita.** Installing the batteries to non-compliant products may result in a fire, excessive heat, explosion, or leak of electrolyte.

SAVE THESE INSTRUCTIONS.

CAUTION: Only use genuine Makita batteries.

Use of non-genuine Makita batteries, or batteries that have been altered, may result in the battery bursting causing fires, personal injury and damage. It will also void the Makita warranty for the Makita tool and charger.

Tips for maintaining maximum battery life

1. **Charge the battery cartridge before completely discharged.**
Always stop tool operation and charge the battery cartridge when you notice less tool power.
2. **Never recharge a fully charged battery cartridge. Overcharging shortens the battery service life.**
3. **Charge the battery cartridge with room temperature at 10°C - 40°C (50°F - 104°F). Let a hot battery cartridge cool down before charging it.**
4. **Charge the battery cartridge if you do not use it for a long period (more than six months).**

FUNCTIONAL DESCRIPTION

CAUTION:

- Always be sure that the tool is switched off and the battery cartridge is removed before adjusting or checking function on the tool.

Installing or removing battery cartridge (Fig. 1)

⚠ CAUTION:

- Always switch off the tool before installing or removing of the battery cartridge.
- Hold the tool and the battery cartridge firmly when installing or removing battery cartridge. Failure to hold the tool and the battery cartridge firmly may cause them to slip off your hands and result in damage to the tool and battery cartridge and a personal injury.

To remove the battery cartridge, slide it from the tool while sliding the button on the front of the cartridge.

To install the battery cartridge, align the tongue on the battery cartridge with the groove in the housing and slip it into place. Insert it all the way until it locks in place with a little click. If you can see the red indicator on the upper side of the button, it is not locked completely.

⚠ CAUTION:

- Always install the battery cartridge fully until the red indicator cannot be seen. If not, it may accidentally fall out of the tool, causing injury to you or someone around you.
- Do not install the battery cartridge forcibly. If the cartridge does not slide in easily, it is not being inserted correctly.

Battery protection system (Lithium-ion battery with star marking) (Fig. 2)

Lithium-ion batteries with a star marking are equipped with a protection system. This system automatically cuts off power to the tool to extend battery life.

The tool will automatically stop during operation if the tool and/or battery are placed under one of the following conditions:

- Overloaded:
 - The tool is operated in a manner that causes it to draw an abnormally high current.
 - In this situation, release the switch trigger on the tool and stop the application that caused the tool to become overloaded. Then pull the switch trigger again to restart.
 - If the tool does not start, the battery is overheated. In this situation, let the battery cool before pulling the switch trigger again.
- Low battery voltage:
 - The remaining battery capacity is too low and the tool will not operate. In this situation, remove and recharge the battery.

Indicating the remaining battery capacity

Only for battery cartridges with the indicator (Fig. 3)
Press the check button on the battery cartridge to indicate the remaining battery capacity. The indicator lamps light up for a few seconds.

Indicator lamps			Remaining capacity
Lighted	Off	Blinking	
■	□	◐	75% to 100%
■	■	□	50% to 75%
■	□	□	25% to 50%
■	□	□	0% to 25%
◐	□	□	Charge the battery.
■	■	□	The battery may have malfunctioned.
□	□	■	

NOTE:

- Depending on the conditions of use and the ambient temperature, the indication may differ slightly from the actual capacity.

Selecting the cutting action (Fig. 4)

This tool can be operated with an orbital or a straight line (up and down) cutting action. The orbital cutting action thrusts the blade forward on the cutting stroke and greatly increases cutting speed.

To change the cutting action, just turn the cutting action changing lever to the desired cutting action position. Refer to the table to select the appropriate cutting action.

Position	Cutting action	Applications
0	Straight line cutting action	For cutting mild steel, stainless steel and plastics. For clean cuts in wood and plywood.
I	Small orbit cutting action	For cutting mild steel, aluminum and hard wood.
II	Medium orbit cutting action	For cutting wood and plywood. For fast cutting in aluminum and mild steel.
III	Large orbit cutting action	For fast cutting in wood and plywood.

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Switch action

⚠ CAUTION:

- Before inserting the battery cartridge into the tool, always check to see that the switch trigger actuates properly and returns to the "OFF" position when released. (Fig. 5)

To start the tool:

Press the lock switch to turn the tool into standby mode. It turns the lamp on, too.

Pull the switch trigger to start the tool. Release the switch trigger to stop.

For continuous operation, pull the switch trigger and then push in the lock on button.

To stop the tool from the locked position, pull the switch trigger fully, and then release it.

In standby mode, press the lock switch to turn the lamp off and turn the tool into lock-off mode.

NOTE:

- The lock switch does not actuate during cutting operation.
- When the tool is in standby mode, the lamp keeps lighting.
- If the tool is left 10 seconds without any operations in standby mode, the tool is automatically turned into lock-off mode and the lamp goes off.

Lighting up the lamps

⚠ CAUTION:

- Do not look in the lamp or see the source of lamp directly.

To turn on the lamp, press the lock switch.

To turn off the lamp within 10 seconds, press the lock switch again.

NOTE:

- Use a dry cloth to wipe the dirt off the lens of lamp. Be careful not to scratch the lens of lamp, or it may lower the illumination.
- When the tool is overheated, the lamp flickers. Cool down the tool fully before operating again.

Speed adjusting dial (Fig. 6)

The tool speed can be infinitely adjusted by turning the speed adjusting dial. You can get the highest speed at 6 and the lowest speed at 1.

Refer to the table to select the proper speed for the workpiece to be cut. However, the appropriate speed may differ with the type or thickness of the workpiece. In general, higher speeds will allow you to cut workpieces faster but the service life of the blade will be reduced.

Workpiece to be cut	Number on adjusting dial
Wood	4 - 6
Mild steel	3 - 6
Stainless steel	3 - 4
Aluminum	3 - 6
Plastics	1 - 4

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⚠ CAUTION:

- The speed adjusting dial can be turned only as far as 6 and back to 1. Do not force it past 6 or 1, or the speed adjusting function may no longer work.

NOTE:

- When the speed adjusting dial is at 3 or higher, the tool automatically reduces the no-load speed to reduce the vibration under no-load. Once the tool gets load, the tool speed reaches the preset speed. Then the tool keeps the speed until the tool is switched off. When

temperature is low and there is less fluidity in grease, the tool may not have this function even with the motor rotating.

ASSEMBLY

⚠ CAUTION:

- Always be sure that the tool is switched off and the battery cartridge is removed before carrying out any work on the tool.

Installing or removing saw blade

⚠ CAUTION:

- Always clean out all chips or foreign matter adhering to the blade and/or blade holder. Failure to do so may cause insufficient tightening of the blade, resulting in a serious personal injury.
- Do not touch the blade or the workpiece immediately after operation; they may be extremely hot and could burn your skin.
- Tighten the saw blade securely. Failure to do so may cause a serious injury.
- When you remove the saw blade, be careful not to hurt your fingers with the top of the blade or the tips of workpiece. (Fig. 7)

Before installing the blade, make sure that the blade holder is in the released position.

To install the blade, insert the blade (teeth facing forward) into the blade holder until it latches. The blade holder moves to the fixed position by itself and the blade is locked. Pull the blade lightly to make sure that the blade does not fall off during operation.

⚠ CAUTION:

- Do not open the tool opener excessively, or it may cause tool damage. (Fig. 8)

To remove the blade, push the tool opener forward as far as it will go. This allows the blade to be released.

NOTE:

- Occasionally lubricate the roller.

Hex wrench storage (Fig. 9)

When not in use, store the hex wrench as shown in the figure to keep it from being lost.

Cover plate (Fig. 10)

Use the cover plate when cutting decorative veneers, plastics, etc. It protects sensitive or delicate surfaces from damage. Fit it on the back of the tool base.

Anti-splintering device (Fig. 11)

For splinter-free cuts, the anti-splintering device can be used. To install the anti-splintering device, move the tool base all the way forward and fit it from the back of tool base. When you use the cover plate, install the anti-splintering device onto the cover plate.

⚠ CAUTION:

- The anti-splintering device cannot be used when making bevel cuts.

Dust extraction

The dust nozzle (optional accessory) is recommended to perform clean cutting operations. (Fig. 12)

To attach the dust nozzle on the tool, insert the hook of dust nozzle into the hole in the base. (Fig. 13)

To secure the dust nozzle, tighten the clamp screw at the front of the dust nozzle.

The dust nozzle can be installed on either left or right side of the base. (Fig. 14)

Then connect a Makita vacuum cleaner to the dust nozzle.

OPERATION

CAUTION:

- Always hold the base flush with the workpiece. Failure to do so may cause blade breakage, resulting in a serious injury.

NOTE:

- If the tool is operated continuously until the battery cartridge has discharged, allow the tool to rest for 15 minutes before proceeding with a fresh battery. (Fig. 15)

Turn the tool on without the blade making any contact and wait until the blade attains full speed. Then rest the base flat on the workpiece and gently move the tool forward along the previously marked cutting line.

When cutting curves, advance the tool very slowly.

Bevel cutting (Fig. 16)

CAUTION:

- Always be sure that the tool is switched off and the battery cartridge is removed before tilting the base. With the base tilted, you can make bevel cuts at any angle between 0° and 45° (left or right). (Fig. 17)

To tilt the base, loosen the bolt on the back of the base with the hex wrench. Move the base so that the bolt is positioned in the center of the bevel slot in the base. (Fig. 18)

Tilt the base until the desired bevel angle is obtained. The V-notch of the gear housing indicates the bevel angle by graduations. Then tighten the bolt firmly to secure the base.

Front flush cuts (Fig. 19)

Loosen the bolt on the back of the base with the hex wrench and slide the base all the way back. Then tighten the bolt to secure the base.

Cutouts

Cutouts can be made with either of two methods A or B.

A) Boring a starting hole: (Fig. 20)

- For internal cutouts without a lead-in cut from an edge, pre-drill a starting hole 12 mm or more in diameter. Insert the blade into this hole to start your cut.

B) Plunge cutting: (Fig. 21)

- You need not bore a starting hole or make a lead-in cut if you carefully do as follows.
1. Tilt the tool up on the front edge of the base with the blade point positioned just above the workpiece surface.

2. Apply pressure to the tool so that the front edge of the base will not move when you switch on the tool and gently lower the back end of the tool slowly.
3. As the blade pierces the workpiece, slowly lower the base of the tool down onto the workpiece surface.
4. Complete the cut in the normal manner.

Finishing edges (Fig. 22)

To trim edges or make dimensional adjustments, run the blade lightly along the cut edges.

Metal cutting

Always use a suitable coolant (cutting oil) when cutting metal. Failure to do so will cause significant blade wear. The underside of the workpiece can be greased instead of using a coolant.

Rip fence set (optional accessory)

CAUTION:

- Always be sure that the tool is switched off and the battery cartridge is removed before installing or removing accessories.

1. Straight cuts (Fig. 23)

When repeatedly cutting widths of 160 mm or less, use of the rip fence will assure fast, clean, straight cuts. (Fig. 24) To install, insert the rip fence into the rectangular hole on the side of the tool base with the fence guide facing down. Slide the rip fence to the desired cutting width position, then tighten the bolt to secure it.

2. Circular cuts (Fig. 25 & 26)

When cutting circles or arcs of 170 mm or less in radius, install the rip fence as follows.

1. Insert the rip fence into the rectangular hole on the side of the base with the fence guide facing up. Insert the circular guide pin through either of the two holes on the fence guide. Screw the threaded knob onto the pin to secure the pin.
2. Now slide the rip fence to the desired cutting radius, and tighten the bolt to secure it in place. Then move the base all the way forward.

NOTE:

- Always use blades No. B-17, B-18, B-26 or B-27 when cutting circles or arcs.

Guide rail adapter set (optional accessory) (Fig. 27)

When cutting parallel and uniform width or cutting straight, the use of the guide rail and the guide rail adapter will assure the production of fast and clean cuts.

To install the guide rail adapter, insert the rule bar into the square hole of the base as far as it goes. Secure the bolt with the hex wrench securely. (Fig. 28)

Install the guide rail adapter on the rail of the guide rail. Insert the rule bar into the square hole of the guide rail adapter. Put the base to the side of the guide rail, and secure the bolt securely. (Fig. 29)

CAUTION:

- Always use blades No. B-8, B-13, B-16, B-17 or 58 when using the guide rail and the guide rail adapter.

MAINTENANCE

CAUTION:

- Always be sure that the tool is switched off and the battery cartridge is removed before attempting to perform inspection or maintenance.
 - Never use gasoline, benzine, thinner, alcohol or the like. Discoloration, deformation or cracks may result.
- To maintain product SAFETY and RELIABILITY, repairs, any other maintenance or adjustment should be performed by Makita Authorized Service Centers, always using Makita replacement parts.

OPTIONAL ACCESSORIES

CAUTION:

- These accessories or attachments are recommended for use with your Makita tool specified in this manual. The use of any other accessories or attachments might present a risk of injury to persons. Only use accessory or attachment for its stated purpose.

If you need any assistance for more details regarding these accessories, ask your local Makita Service Center.

- Jig saw blades
- Hex wrench 4
- Rip fence (guide rule) set
- Guide rail adapter set
- Guide rail set
- Anti-splintering device
- Cover plate
- Dust nozzle assy
- Makita genuine battery and charger

NOTE:

- Some items in the list may be included in the tool package as standard accessories. They may differ from country to country.

Noise ENG905-1

The typical A-weighted noise level determined according to EN62841-2-11:

Model DJV142

Sound pressure level (L_{pA}): 78 dB (A)

Uncertainty (K): 3 dB (A)

The noise level under working may exceed 80 dB (A).

Model DJV182

Sound pressure level (L_{pA}): 77 dB (A)

Uncertainty (K): 3 dB (A)

The noise level under working may exceed 80 dB (A).

ENG907-1

- The declared noise emission value(s) has been measured in accordance with a standard test method and may be used for comparing one tool with another.
- The declared noise emission value(s) may also be used in a preliminary assessment of exposure.

WARNING:

- **Wear ear protection.**
- **The noise emission during actual use of the power tool can differ from the declared value(s) depending on the ways in which the tool is used especially what kind of workpiece is processed.**
- **Be sure to 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).

Vibration ENG900-1

The vibration total value (tri-axial vector sum) determined according to EN62841-2-11:

Model DJV142

Work mode: cutting boards

Vibration emission ($a_{h,B}$): 7.0 m/s²

Uncertainty (K): 1.5 m/s²

Work mode: cutting sheet metal

Vibration emission ($a_{h,M}$): 4.0 m/s²

Uncertainty (K): 1.5 m/s²

Model DJV182

Work mode: cutting boards

Vibration emission ($a_{h,B}$): 7.0 m/s²

Uncertainty (K): 1.5 m/s²

Work mode: cutting sheet metal

Vibration emission ($a_{h,M}$): 3.5 m/s²

Uncertainty (K): 1.5 m/s²

ENG901-2

- The declared vibration total value(s) has been measured in accordance with a standard test method and may be used for comparing one tool with another.
- The declared vibration total value(s) may also be used in a preliminary assessment of exposure.

WARNING:

- **The vibration emission during actual use of the power tool can differ from the declared value(s) depending on the ways in which the tool is used especially what kind of workpiece is processed.**
- **Be sure to 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).**

EC Declaration of Conformity

For European countries only

The EC declaration of conformity is included as Annex A to this instruction manual.