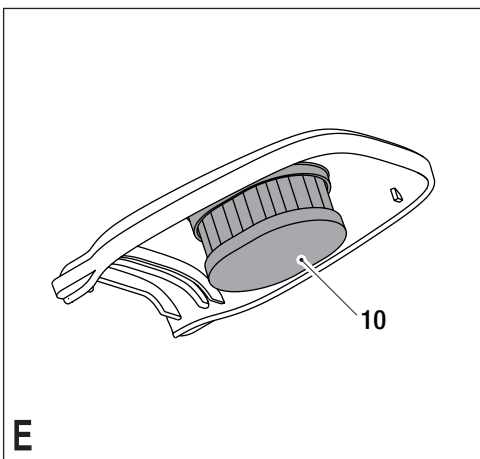
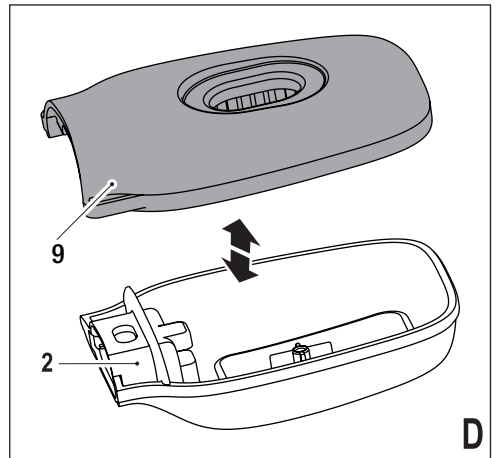
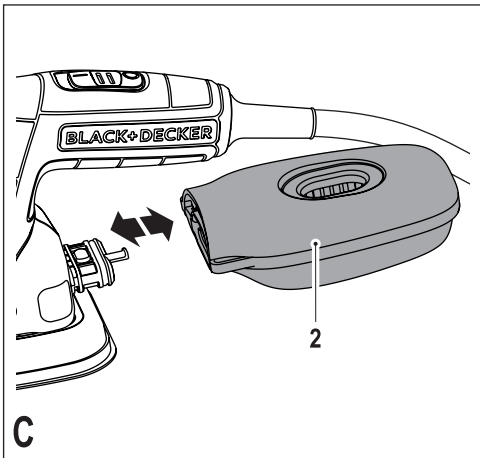
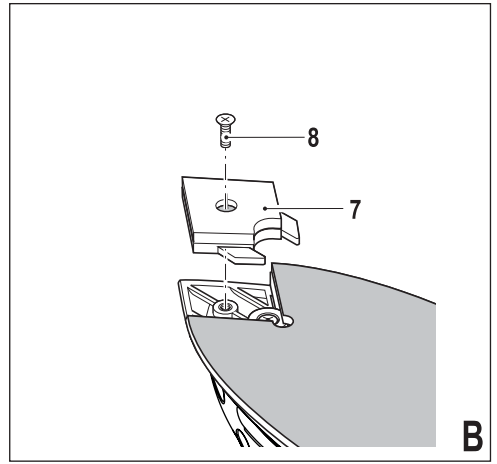
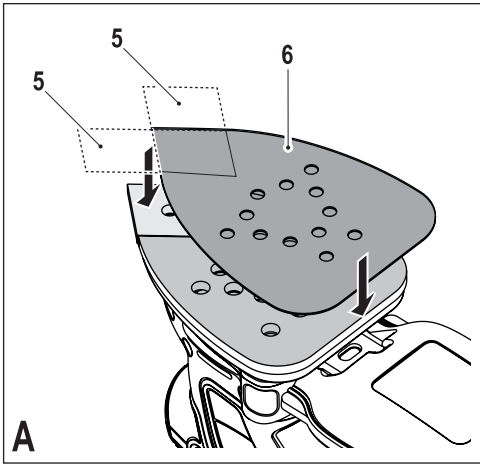


# BLACK+ DECKER



**KA2000**

ENGLISH (original instructions) 3  
中文(繁體) 7



# MOUSE SANDER KA2000

## Technical data

		KA2000
Input voltage	V <sub>ac</sub>	110
Power input	W	120
Oscillations (no load)	min <sup>-1</sup>	14,000
Weight	kg	1

## Intended use

Your BLACK+DECKER sander has been designed for sanding wood, metal, plastics and painted surfaces. This tool is intended for consumer use only.

## Safety instructions

### General power tool safety warnings



**Warning! Read all safety warnings and all instructions.** Failure to follow the warnings and 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 all of the warnings listed below refers to your mains operated (corded) power tool or battery operated (cordless) power tool.

#### 1. Work area safety

- Keep 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.** Power tools create sparks which may ignite the dust or fumes.
- Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

#### 2. Electrical safety

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

#### 3. Personal safety

- Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.** A moment of inattention while operating power tools may result in serious personal injury.
- Use personal protective equipment. Always wear eye protection.** Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
- Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool.** Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.
- 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.
- Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.

- f. **Dress properly. Do not wear loose clothing or jewellery. Keep your hair, 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 dust collection can reduce dust-related hazards.
4. **Power tool use and care**
- a. **Do not force the power tool. Use the correct power tool for your application.** The correct power tool will do the job better and safer at the rate for which it was designed.
- b. **Do not use the power tool if the switch does not turn it on and off.** Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
- c. **Disconnect the plug from the power source and/or 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.** Many accidents are caused by poorly maintained power tools.
- f. **Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- g. **Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.** Use of the power tool for operations different from those intended could result in a hazardous situation.
5. **Service**
- a. **Have your power tool serviced by a qualified repair person using only identical replacement parts.** This will ensure that the safety of the power tool is maintained.

## Additional power tool safety warnings



**Warning!** Additional safety warnings for sanders

- ◆ **Hold 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
- ◆ **Use clamps or another practical way to secure and support the workpiece to a stable platform.** Holding the work by hand or against your body leaves it unstable and may lead to loss of control.



**Warning!** Contact with or inhalation of dusts arising from sanding applications may endanger the health of the operator and possible bystanders. Wear a dust mask specifically designed for protection against dust and fumes and ensure that persons within or entering the work area are also protected.

- ◆ Thoroughly remove all dust after sanding.
- ◆ Take special care when sanding paint which is possibly lead based or when sanding some woods and metal which may produce toxic dust:
  - ◆ Do not let children or pregnant women enter the work area.
  - ◆ Do not eat, drink or smoke in the work area.
  - ◆ Dispose of dust particles and any other debris safely.
- ◆ This tool is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.
- ◆ The intended use is described in this instruction manual. The use of any accessory or attachment or performance of any operation with this tool other than those recommended in this instruction manual may present a risk of personal injury and/or damage to property.

## Safety of others

- ◆ This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- ◆ Children should be supervised to ensure that they do not play with the appliance.

## Residual risks.

Additional residual risks may arise when using the tool which may not be included in the enclosed safety warnings. These risks can arise from misuse, prolonged use etc.

Even with the application of the relevant safety regulations and the implementation of safety devices, certain residual risks can not be avoided. These include:

- ◆ **Injuries caused by touching any rotating/moving parts.**
- ◆ **Injuries caused when changing any parts, blades or accessories.**
- ◆ **Injuries caused by prolonged use of a tool. When using any tool for prolonged periods ensure you take regular breaks.**
- ◆ **Impairment of hearing.**
- ◆ **Health hazards caused by breathing dust developed when using your tool (example:- working with wood, especially oak, beech and MDF.)**

## Labels on tool

The following pictograms are shown on the tool:



**Warning!** To reduce the risk of injury, the user must read the instruction manual.

## Electrical safety



This tool is double insulated; therefore no earth wire is required. Always check that the power supply corresponds to the voltage on the rating plate.

- ◆ If the supply cord is damaged, it must be replaced by the manufacturer or an authorised Black + Decker Service Centre in order to avoid a hazard.

## Using an extension cable

- ◆ Always use an approved extension cable suitable for the power input of this tool (see technical data). Before use, inspect the extension cable for signs of damage, wear and ageing. Replace the extension cable if damaged or defective. When using a cable reel, always unwind the cable completely. Use of an extension cable not suitable for the power input of the tool or which is damaged or defective may result in a risk of fire and electric shock.

## Features

This tool includes some or all of the following features.

1. On/off switch
2. Dust collection canister
3. Sanding base

## Assembly

**Warning!** Before assembly, make sure that the tool is switched off and unplugged.

### Fitting sanding sheets (fig. A)

- ◆ Detach the two additional diamond-shaped tips (5) from the sanding sheet (6).
- ◆ Hold the tool with the sanding base facing upwards.
- ◆ Place the sanding sheet (6) onto the sanding base, making sure that the holes in the sheet line up with the holes in the base.

The diamond-shaped tip (5) can be reversed and replaced when worn.

- ◆ When the front part of the tip is worn, detach it from the sheet, reverse it and press it onto the sanding base again.
- ◆ When the whole tip is worn, remove it from the sanding base and fit a new tip.

For optimal dust collection, ensure the correct type of sanding paper is used.

### Tip of the sanding base (fig. B)

When the sanding base tip (7) is worn, it can be replaced. Spare parts are available from your Black + Decker dealer.

- ◆ Remove the screw (8).
- ◆ Replace the worn part.
- ◆ Fit and tighten the screw.

### Fitting and removing the dust cassette (fig. C)

- ◆ Slide the dust cassette (2) onto the tool and make sure that it is securely located.
- ◆ To remove the dust cassette, pull it to the rear and off the tool.

## Use

**Warning!** Let the tool work at its own pace. Do not overload.

### Switching on and off

- ◆ To switch the tool on, set the on/off switch (1) to position I.
- ◆ To switch the tool off, set the on/off switch to position O.

### Emptying the dust cassette (fig. C, D & E)

The dust cassette should be emptied every 10 minutes of use.

- ◆ While holding the tool, pull the dust cassette (2) off the tool.
- ◆ Remove the cassette lid (10).
- ◆ Shake the lid (10) and dust cassette (2) to empty the contents, the filter (11) inside the lid (10) can be cleaned with a soft dry brush.
- ◆ Refit the lid (10) to the dust cassette (2).
- ◆ Refit the dust cassette (2).

## Maintenance

Your tool has been designed to operate over a long period of time with a minimum of maintenance. Continuous satisfactory operation depends upon proper tool care and regular cleaning.

**Warning!** Before performing any maintenance, switch off and unplug the tool.

- ◆ Regularly clean the ventilation slots in your tool using a soft brush or dry cloth.
- ◆ Regularly clean the motor housing using a damp cloth. Do not use any abrasive or solvent-based cleaner.

## Protecting the environment



Separate collection. This product must not be disposed of with normal household waste.

Should you find one day that your Black + Decker product needs replacement, or if it is of no further use to you, do not dispose of it with household waste. Make this product available for separate collection.



Separate collection of used products and packaging allows materials to be recycled and used again. Re-use of recycled materials helps prevent environmental pollution and reduces the demand for raw materials.

Local regulations may provide for separate collection of electrical products from the household, at municipal waste sites or by the retailer when you purchase a new product.

Black + Decker provides a facility for the collection and recycling of Black + Decker products once they have reached the end of their working life. To take advantage of this service please return your product to any authorised repair agent who will collect them on our behalf.

You can check the location of your nearest authorised repair agent by contacting your local Black + Decker office at the address indicated in this manual. Alternatively, a list of our authorised Black + Decker repair agents and full details of our after-sales service and contacts are available on the Internet at: [www.2helpU.com](http://www.2helpU.com)

## Service Information

Black + Decker offers a full network of company-owned and authorized service locations throughout Asia. All Black + Decker Service Centers are staffed with trained personnel to provide customers with efficient and reliable power tool service. Whether you need technical advice, repair, or genuine factory replacement parts, contact the Black + Decker location nearest to you.

## Notes

- ◆ Black + Decker's policy is one of continuous improvement to our products and, as such, we reserve the right to change product specifications without prior notice.
- ◆ Standard equipment and accessories may vary by country.
- ◆ Product specifications may differ by country.
- ◆ Complete product range may not be available in all countries.

# 吸塵式砂磨機

## KA2000

### 技術資料

		KA2000
輸入電壓	$V_{ac}$	110
輸入功率	W	120
空載轉速	min-1	14,000
震動幅度	mm	2
重量	kg	1

請注意! 各地區上市產品/配件不盡相同, 請依台灣繁體中文說明書的內容為主。

Warning! Attachments and accessories are not the same in each region, please only refer to Taiwan Traditional Chinese description in this manual.

### 設計用途

BLACK+DECKER 砂磨機設計用於對木材、金屬塑料和塗漆表面進行砂磨。

本工具只供一般DIY消費者使用, 營業使用者不適用百得一年保修條款。

### 安全說明

#### 電動工具一般安全警告



**警告！請閱讀所有安全警告及使用指示。** 不遵循下列這些警告和指示可能會導致觸電、火災及/或嚴重傷害

#### 請妥善保存所有警告及說明以備將來查閱。

下列所有警告中的名詞「電動工具」是指電源驅動（插電）電動工具，或者電池驅動（充電）電動工具。

#### 1. 工作場地安全

- 保持工作場地清潔和明亮。** 混亂或黑暗的場地會引發事故
- 不要在易爆環境，如有易燃液體、氣體或粉塵的環境中操作電動工具。** 電動工具產生的火花會點燃粉塵或氣體。
- 請等待兒童和旁觀者離開之後才操縱電動工具。** 分心會導致您疏於控制。

#### 2. 電氣安全

- 電動工具插頭必須與插座相符。** 切勿以任何方式改裝插頭。需接地的電動工具不能使用任何配接器插頭。未經改裝的插頭和相符的插座可以減少觸電危險。
- 避免人體接觸接地表面，如管道、散熱片、爐灶和冰箱。** 若您的身體接地，可增加觸電危險。
- 不得將電動工具暴露在雨中或潮濕環境中。** 水進入電動工具會增加觸電危險。
- 切勿濫用電線。** 請勿使用電線來搬運、拉動電動工具或拔出插頭。讓電線遠離熱、油、銳邊和活動部件。受損或纏繞的電線會增加觸電危險。
- 若要在戶外使用電動工具，請使用適合戶外使用的延長電纜。** 使用適合戶外使用的電線可減少觸電危險。
- 若必須在潮濕場合使用電動工具，請使用漏電保護器 (RCD)。** 使用 RCD 可降低觸電危險。

#### 3. 人身安全

- 保持警覺；在操作電動工具時，請留意所執行的操作並按照一般的常識執行。** 切勿在疲倦，或受到藥物、酒精或治療的影響下操作電動工具。操作電動工具期間注意力分散會導致嚴重人身傷害。
- 使用個人防護裝置。始終佩戴護目裝備。** 防護裝置，例如在適當條件下可使用的防塵面具、防滑安全鞋、安全帽或聽力保護等裝置可減少人身傷害。
- 避免意外啟動。連接電源及/或電池組、撿取或搬運電動工具之前，請確定開關處於關閉位置。** 搬運電動工具時若將手指放在開關上，或是在接通開關電源時插入插頭都會引發危險。
- 接通電動工具之前，請卸下所有的調整鑰匙或扳手。** 遺留在電動工具旋轉部件上的扳手或鑰匙會導致人身傷害。
- 不要過度伸張雙手。時刻注意腳下和身體的平衡。** 如此即可在發生意外的情況下更好地控制電動工具。

- f. 適當穿著。不要穿寬鬆衣服或佩戴飾品。讓您的頭髮、衣服和手套遠離活動部件。寬鬆衣服、佩飾和長髮可能會捲入活動部件。
- g. 若配備用於連接排屑裝置、集塵設備的裝置，請確定正確連接和使用這些裝置。使用集塵設備可減少與粉塵有關的危險。
- #### 4. 電動工具的使用與注意事項
- a. 不要超負荷使用電動工具。根據您的用途使用適當的電動工具。使用適當的電動工具、讓它在設計可負荷的應用內運轉，會讓您更有效、更安全地執行工作。
- b. 若開關不能開啟或關閉電源，切勿使用該電動工具。不能用開關來控制的電動工具將存在危險，必須進行維修。
- c. 在執行任何調整、更換配件或儲存電動工具之前，請從電源上拔掉插頭及/或卸下電池組。這類防護性措施可降低電動工具意外啟動的風險。
- d. 將閒置的電動工具儲存在兒童無法接觸的地方，並且不要讓不熟悉電動工具或對這些使用指示不瞭解的人員操作電動工具。電動工具在未經培訓的使用者手中會發生危險。
- e. 維護電動工具。檢查活動部件是否對準或卡住、是否存在任何破損情況，或任何能影響電動工具運行的其他情況。若有損毀，必須在使用之前修理電動工具。許多事故都是由於電動工具欠缺維護所導致。
- f. 保持刀具鋒利和清潔。妥善維護、切削鋒利的切割工具不會輕易卡住並可更輕鬆控制。
- g. 使用電動工具、配件和工具刀頭等時，請遵循這些指示使用，且指示須包含工作環境和所要執行工作的注意事項。不按照設計目使用電動工具將會導致危險。

#### 5. 檢修

- a. 本電動工具必須由合格的維修人員並只採用相同的原廠部件來執行檢修。這將確保電動工具的安全性。

#### 電動工具之附加安全警告



**警告！**針對砂磨機的附加安全警告

- ◆ 若在執行操作時切削配件可能會接觸隱藏的電線，請從絕緣手柄表面握住電動工具。若切削配件接觸到「帶電」導線，電動工具金屬部件表面就會「帶電」，從而導致操作人員觸電。
- ◆ 使用夾具或採取其他可行的方法，將工件固定、支撐到穩定的平台上。手持工件或用身體抵住工件會使工件不穩定並可能導致失控。



**警告！**接觸或吸入磨砂應用所產生的粉塵會危及操作人員及可能出現的旁觀者的健康。請佩戴專為防範粉塵及煙氣而設計的防塵面具，並確保工作區域內或進入工作區域的人亦取得保護。

- ◆ 在執行磨砂操作後徹底清除所有粉塵。
- ◆ 磨砂鉛底的漆面或某些木材以及會產生有毒粉塵的金屬時要特別小心：
  - ◆ 請勿讓兒童或孕婦進入工作區。
  - ◆ 請勿在工作區飲食或吸菸。
  - ◆ 請以安全方式清理粉塵顆粒和任何其他碎片。
- ◆ 體力、感覺或智力不足，或者缺乏經驗及知識的人員（包括小孩）不適合使用本工具，除非負責他們安全的人員已經為他們提供關於使用此器具的監督或指示。必須監督小孩，確保他們沒有耍玩具。
- ◆ 工具的設計用途在本使用手冊中描述。使用非本使用手冊所建議的任何其他配件或附件，或使用本工具執行非本使用手冊中所建議的任何其他操作，可能會有的人身傷害及/或財 損失的風險。

#### 他人的安全

- ◆ 體力、感覺或智力不足，或者缺乏經驗及知識的人員（包括小孩）不適合使用本器具，除非負責他們安全的人員已經為他們提供關於使用此器具的監督或指示。



- ◆ 必須監督小孩，確保他們沒有耍玩具具。

## 剩餘風險

使用工具時可能會出現未包括在隨附的安全警告中的其他剩餘風險。濫用、長時間使用等也會導致這些風險。

即使應用有關的安全規定並採用安全裝置，仍然還有一些無法避免的剩餘風險。此類風險包括：

- ◆ 接觸旋轉/活動部件引起的傷害。
- ◆ 更換任何部件、刀片或配件引起的傷害。
- ◆ 長時間使用工具引起的傷害。長時間使用任何工具時，請確保定期休息。
- ◆ 聽力受損。
- ◆ 吸入使用工具時產生的塵埃引起的健康危害（譬如：在木材上使用時，尤其是櫟木、山毛櫸和中密度纖維板(MDF)）。

## 工具上的標籤

工具上會附帶下列圖示：



**警告！**為了降低受傷的風險，使用者必須仔細閱讀使用手冊。

製造年份及機號(範例)

2016      23      BM  
西元年份   週數   機號

## 電氣安全



本工具採用雙重絕緣，因此無需接地線。請務必檢查電源電壓是否與銘牌一致。

- ◆ 若電源線損毀，必須送往製造廠商或授權的 Black+Decker 服務中心更換以避免發生危險。

## 使用延長電纜

- ◆ 請務必使用與充電器的輸入功率相配的認可延長電纜（請見技術資料）。使用前須檢查延長電纜是否存在損壞、磨損和老化。如延長電纜有任何損壞或缺陷，請立即更換。使用電纜捲筒時，每次必須把電纜完全展開。若使用的延長電纜不適合工具的電源輸入或已損壞或存在缺陷，則可能導致火災和觸電的風險。

## 功能零件

本工具包括以下部分或全部功能部件。

1. 電源開關
2. 微型吸塵盒
3. 砂磨底座

## 裝配

**警告！**裝配之前，請確定已關閉工具電源並拔出插頭。

## 安裝砂紙 (圖 A)

- ◆ 從砂紙 (6) 取下兩個額外的菱形尖端 (5)。
- ◆ 握住工具，讓砂磨底座朝上。
- ◆ 將砂紙 (6) 放到砂磨底座上，確保砂紙上的各孔對準底座上的孔。

菱形尖端 (5) 可以在發生磨損時反轉及更換。

- ◆ 當尖端的前面部分出現磨損時，則將其取下，並再次將其按到砂磨底座上。
- ◆ 當整個尖端出現磨損時，則將其從砂磨底座取下並安裝新的尖端。

為了實現最佳的集塵效果，請確保使用正確類型的砂紙。

## 砂磨底座的尖端 (圖 B)

當砂磨底座的尖端 (7) 磨損，可以拆下更換尖端。

- ◆ 擰下螺絲 (8)。
- ◆ 更換已磨損的尖端。
- ◆ 將尖端裝回並扭緊螺絲。

## 安裝並取下吸塵盒 (圖 C)

- ◆ 將吸塵盒 (2) 滑到工具上並確保安全定位。
- ◆ 要取下吸塵盒，請將其拉到後面並離開工具。

## 使用

**警告！** 請勿使工具超出本身之設計速度操作。請勿使它過載。

## 開啟與關閉

- ◆ 若要開啟工具，請將電源開關 (1) 撥到位置 I。
- ◆ 若要關閉工具，請將電源開關撥到位置 O。

## 清空吸塵盒 (圖 C、D、E)

吸塵盒每使用 10 分鐘應清空一次。

- ◆ 握住工具時，將吸塵盒 (2) 拉離工具。
- ◆ 取下吸塵盒蓋 (10)。
- ◆ 晃動吸塵盒蓋 (10) 和吸塵盒 (2) 以清空其中的物件，可使用乾燥的軟刷清潔吸塵盒蓋 (10) 內部的濾心 (11)。
- ◆ 將吸塵盒蓋 (10) 裝回吸塵盒 (2)。
- ◆ 裝回吸塵盒 (2)。

## 維護


您的工具採用卓越的設計，能夠長時間使用，並且只需最少的維護。若要持續獲得滿意的操作效果，需進行正確的工具維護和定期的清潔。

電動工具之修理，僅可由認證的技術人員執行。請勿交由非百得認證服務中心的技術人員進行修理、維護、調整。若產品經由非百得認證的維修工程師拆解、組裝、調整，恕無法適用百得一年家用保修條款。為充份發揮其功能，修理、維護、調整請務必使用原廠零件。百得認證服務中心擁有保修條款解釋權。

**警告！** 在執行任何維護工作前，請關閉電源並將工具插頭拔下。

- ◆ 定期使用軟刷或幹布清潔工具內的通風槽。
- ◆ 定期使用濕布清潔電動機外殼。請勿使用任何研磨性或基於溶劑的清潔劑。

## 保護環境

 分類收集。本產品必須與一般家庭廢物分開處置。

若您發現您的 Black + Decker 產品需要進行替換，或您已經不再需要使用這些產品，請不要將它們與家庭廢物一起處置。務必將本產品送往分類收集處。



分類收集用過的產品和包裝允許材料循環再生利用。重新使用回收的材料有助於防止環境污染，並降低對原材料的需求。

當地法規可能要求由市政廢物回收點，或由向您出售新產品的經銷商來提供將電子產品與家庭廢物分類收集的服務。

Black + Decker 在其產品使用壽命結束時提供 Black + Decker 產品收集和回收循環利用的便利。若要享受此項服務，請將產品送回任一授權維修中心，由其代表我們進行收集。

## 維修資訊

Black+ Decker 提供覆蓋整個亞洲的公司隸屬和授權服務地點。所有的 Black + Decker 服務中心都具有訓練有素的人員，為客戶提供高效和可靠的電動工具維修。不論您是需要技術建議、維修或原廠替換部件，請聯絡離您最近的 Black + Decker 維修點。

## 備註

- ◆ Black + Decker 的政策是持續改善我們的產品，因此，我們保留隨時變更產品規格的權利，恕不另行通知。
- ◆ 標準裝置和配件可能會根據不同的國家/地區而有所不同。
- ◆ 產品規格可能會根據不同的國家而有所不同。
- ◆ 並非所有的國家/地區都將提供完整的產品系列。

經銷商: 特力股份有限公司  
地址: 台北市內湖區新湖三路23號1.2.5樓  
電話: 0800-552888

進口/委製廠商: 新加坡商百得電動工具(股)公司台灣分公司  
地址: 台北市士林區德行西路33號2樓  
電話: 02-2834-1741



