



BOSCH

Professional HEAVY DUTY GAS 18V-1

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en Original instructions



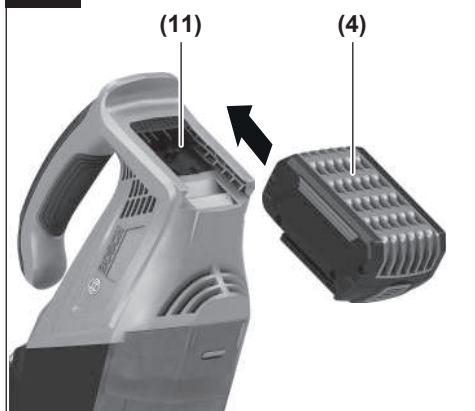
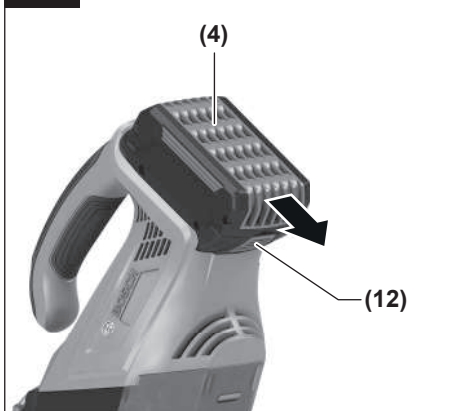
English Page 7



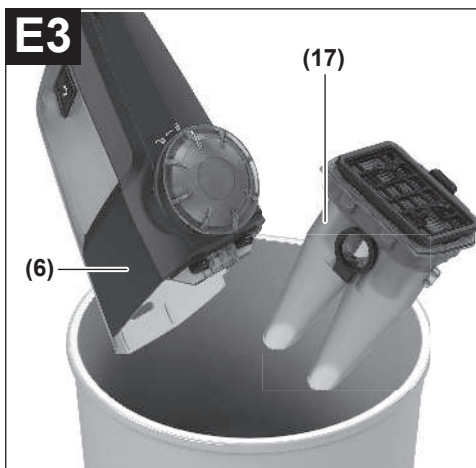
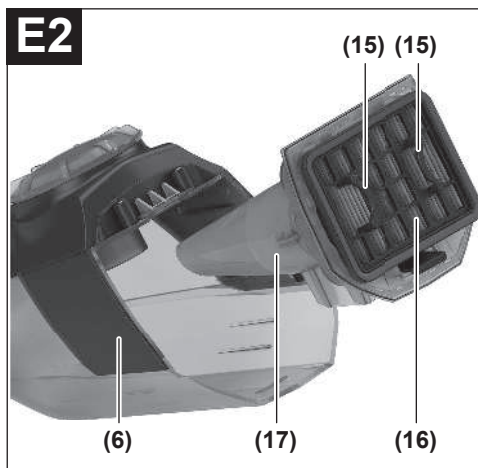
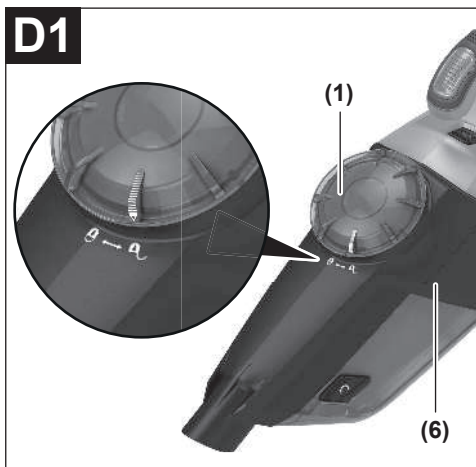
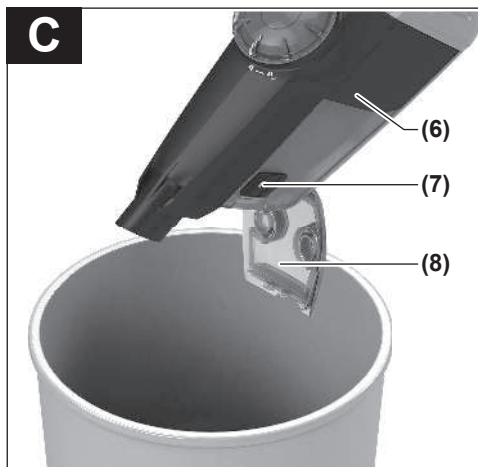
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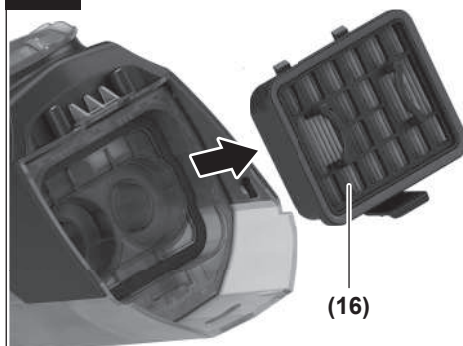
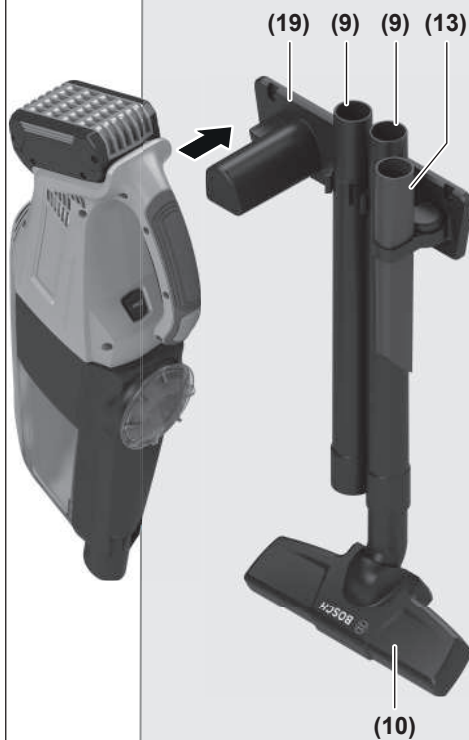


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A1

A2


B



F1**F2****G**

English

Safety instructions for dust extractors



Read all the safety information and instructions. Failure to observe the safety information and follow instructions may result in electric shock, fire and/or serious injury.

Save all warnings and instructions for future reference.

- ▶ **This dust extractor is not intended for use by children or persons with physical, sensory or mental impairments. It should not be used by persons who have insufficient experience and knowledge.** Otherwise, there is a risk of operating errors and injuries.
- ▶ **Supervise children.** This will ensure that children do not play with the dust extractor.

⚠ WARNING Do not vacuum any harmful substances, e.g. beech or oak wood dust, rock dust or asbestos. These substances are considered carcinogenic. Make sure you inform yourself about the applicable regulations/laws on how to handle harmful types of dust in your country.

- ▶ **Only use the dust extractor if you have been adequately informed about how to use it.** Thorough instruction on how to use the equipment prevents accidental misuse and injuries.

⚠ WARNING The dust extractor is only suitable for vacuuming dry substances. The penetration of liquids increases the risk of an electric shock.

- ▶ **NOTE: The dust extractor must only be used and stored indoors.** Rain or moisture entering the top of the dust extractor will increase the risk of electric shock.
- ▶ **Ensure that the workplace is well ventilated.**
- ▶ **The dust extractor should be repaired exclusively by a qualified professional using only genuine spare parts.** This will ensure that the safety of the dust extractor is maintained.
- ▶ **Before using the equipment for the first time, check that the vacuum hose is in perfect condition. Leave the vacuum hose fitted to the dust extractor while doing this so that no dust escapes accidentally.** Otherwise, you may end up inhaling dust particles.
- ▶ **Do not clean the dust extractor by spraying a jet of water directly at it.** Water entering the top of the dust extractor will increase the risk of electric shock.
- ▶ **Do not modify or open the battery.** There is a risk of short-circuiting.
- ▶ **In case of damage and improper use of the battery, vapours may be emitted. The battery can set alight or explode.** Ensure the area is well ventilated and seek medical attention should you experience any adverse effects. The vapours may irritate the respiratory system.

- ▶ **If used incorrectly or if the battery is damaged, flammable liquid may be ejected from the battery. Contact with this liquid should be avoided. If contact accidentally occurs, rinse off with water. If the liquid comes into contact with your eyes, seek additional medical attention.** Liquid ejected from the battery may cause irritation or burns.
- ▶ **The battery can be damaged by pointed objects such as nails or screwdrivers or by force applied externally.** An internal short circuit may occur, causing the battery to burn, smoke, explode or overheat.
- ▶ **When the battery is not in use, keep it away from paper clips, coins, keys, nails, screws or other small metal objects that could make a connection from one terminal to another.** A short circuit between the battery terminals may cause burns or a fire.
- ▶ **Only use the battery in the manufacturer's products.** This is the only way in which you can protect the battery against dangerous overload.
- ▶ **Only charge the batteries using chargers recommended by the manufacturer.** A charger that is suitable for one type of battery may pose a fire risk when used with a different battery.



Protect the rechargeable battery against heat, e.g. including prolonged sun exposure, fire, water, and moisture. There is a risk of explosion and short circuit.

- ▶ **Do not vacuum hot or burning dust or in potentially explosive areas.** Dust can easily ignite or explode.

Product Description and Specifications

Please observe the illustrations at the beginning of this operating manual.

Intended Use

The vacuum cleaner is intended for vacuuming dry materials that are not harmful to health.

Only use the dust extractor if you can fully evaluate all functions and carry them out without restrictions, or if you have received corresponding instructions.

Rotational Airflow

The bagless filter system removes the need to use dust bags. Dirt is collected on the inside wall of the container.

Product Features

The numbering of the product features refers to the representation of the dust extractor on the graphic pages.

- (1) Coarse dirt filter
- (2) Release button for dust container
- (3) On/off button
- (4) Rechargeable battery^{a)}

- (5) Motor housing
 - (6) Dust container
 - (7) Emptying flap release button
 - (8) Emptying flap
 - (9) Extension tube
 - (10) Floor nozzle
 - (11) Battery holder
 - (12) Battery release button^{a)}
 - (13) Crevice nozzle
 - (14) Flexible extension tube
 - (15) Filter grips
 - (16) Filter
 - (17) Rotational airflow unit with filter (16)
 - (18) Filter locking tab
 - (19) Wall bracket^{a)}
- a) **This accessory is not part of the standard scope of delivery.**

Technical data

Cordless dry dust extractor	GAS 18V-1	
Article number		3 601 JC6 2..
Container volume (gross)	l	0.7
Vacuum pressure ^{A)}	kPa	6
Flow rate ^{A)}	l/s	10
Weight ^{B)}	kg	1.3
Recommended ambient temperature during charging	°C	0 to +35
Permitted ambient temperature during operation ^{C)} and during storage	°C	-20 to +50
Compatible rechargeable batteries	GBA18V... GBA 18V... ProCORE18V... EXPERT18V... EXBA18V... CORE18V...	
Recommended rechargeable batteries	GBA18V... GBA 18V... ProCORE18V... EXPERT18V... EXBA18V... CORE18V... ≤ 8 Ah	
Recommended battery chargers	GAL18... GAL 18... GAL 36... GAL12V/18... GAL 12V/18...	

Cordless dry dust extractor	GAS 18V-1
	GAX 18... EXAL18...

- A) Depending on battery in use
 B) Without rechargeable battery (you can find the battery weight at www.bosch-professional.com)
 C) Limited performance at temperatures < 0 °C
 Values can vary depending on the product, scope of application and environmental conditions. To find out more, visit www.bosch-professional.com/wac.

Noise/Vibration Information

Noise emission values determined according to **EN 60335-2-69**.

Typically the A-weighted sound pressure level of the dust extractor is **73 dB(A)**. Uncertainty K = **2 dB**. The noise level when working can exceed the volume stated. **Wear hearing protection!**

Vibration values a_h (continuous vibrations), p_f (repeated shock vibrations) and uncertainty K determined according to **EN 60335-2-69**:

$a_h = 0.6 \text{ m/s}^2$ ($K = 1.5 \text{ m/s}^2$), $p_f = 17 \text{ m/s}^2$ ($K = 1 \text{ m/s}^2$)

Rechargeable battery

Bosch sells some cordless power tools without a rechargeable battery. You can tell whether a rechargeable battery is included with the power tool by looking at the packaging.

Charging the battery

- **Use only the chargers listed in the technical data.** Only these chargers are matched to the lithium-ion battery of your dust extractor.

Note: The battery is supplied partially charged. To ensure full battery capacity, fully charge the battery in the charger before using your power tool for the first time.

The lithium-ion battery can be charged at any time without reducing its service life. Interrupting the charging process does not damage the battery.

The lithium-ion battery is protected against deep discharge by the "Electronic Cell Protection (ECP)". A protective circuit switches the cordless dust extractor off when the battery is drained.

- **Do not continue to press the on/off button after the dust extractor has automatically switched itself off.**
 This can damage the battery.

Inserting the Battery

Push the charged battery into the battery holder until it clicks into place.

Removing the Battery

To remove the rechargeable battery, press the battery release button and pull the battery out. **Do not use force to do this.**

The rechargeable battery has two locking levels to prevent the battery from falling out if the battery release button is pressed unintentionally. The rechargeable battery is held in place by a spring when fitted in the dust extractor.

Battery charge indicator

Note: Not all battery types have a battery charge indicator.

The green LEDs on the battery charge indicator indicate the state of charge of the rechargeable battery. For safety reasons, it is only possible to check the state of charge when the dust extractor is not in operation.

Press the button for the battery charge indicator  or  to show the state of charge. This is also possible when the rechargeable battery is removed.

If no LED lights up after pressing the button for the battery charge indicator, then the rechargeable battery is defective and must be replaced.

Rechargeable battery type GBA 18V... | GBA18V...



LED	Capacity
3 × continuous green light	60–100 %
2 × continuous green light	30–60 %
1 × continuous green light	5–30 %
1 × flashing green light	0–5 %

Battery model ProCORE18V... | EXPERT18V... | EXBA18V... | CORE18V...



LED	Capacity
5 × continuous green light	80–100 %
4 × continuous green light	60–80 %
3 × continuous green light	40–60 %
2 × continuous green light	20–40 %
1 × continuous green light	5–20 %
1 × flashing green light	0–5 %

Battery defect risk detection

EXPERT18V... | EXBA18V...

In addition to the state of charge of the rechargeable battery, the LEDs on the battery charge indicator can also indicate the risk of a battery defect.

To activate the function, press and hold the button for the battery charge indicator  for 3 seconds. The analysis of the battery is signalled by a moving light on the battery charge indicator. The result of is shown on the battery charge indicator.

 **1 LED:** The rechargeable battery has a high defect risk. Performance and runtime may already be reduced. Replacing the rechargeable battery is recommended.

 **5 LEDs:** The rechargeable battery is in good condition and has a low defect risk.

Please note: The rechargeable battery defect risk assessment works in a binary manner and offers a simplified status assessment, indicating either that the rechargeable battery is in good condition or that the rechargeable battery has an increased defect risk. A percentage of the battery status is not shown.

Recommendations for Optimal Handling of the Battery

Protect the battery against moisture and water.

Only store the battery within a temperature range of –20 to 50 °C. Do not leave the battery in your car in the summer, for example.

Occasionally clean the ventilation slots on the battery using a soft brush that is clean and dry.

A significantly reduced operating time after charging indicates that the battery has deteriorated and must be replaced. Follow the instructions on correct disposal.

Assembly

► **Remove the battery before cleaning or performing maintenance on the dust extractor, making tool adjustments, changing accessories or placing the dust extractor in storage.** This safety measure prevents the dust extractor from being started accidentally.

Fitting the Extraction Accessories (see figure B)

► **Remove the battery before cleaning or performing maintenance on the dust extractor, making tool adjustments, changing accessories or placing the dust extractor in storage.** This safety measure prevents the dust extractor from being started accidentally.

The vacuum cleaner accessories can be directly connected with the dust container **(6)**.

See the illustration for the different ways of combining the vacuum cleaner accessories.

– Insert the individual vacuum cleaner accessories firmly into the connection on the dust container **(6)** and into one another.

Operation

► **Remove the battery before cleaning or performing maintenance on the dust extractor, making tool adjustments, changing accessories or placing the dust extractor in storage.** This safety measure prevents the dust extractor from being started accidentally.

Starting Operation

► **Before extraction, ensure that the filter unit is securely fitted.**

- ▶ **Do not use damaged filters (e.g. no cracks, small holes, etc.). Replace any damaged filters immediately.**

Switching on/off

- To **switch on** the vacuum cleaner, press the on/off button **(3)**.
- To **switch off** the vacuum cleaner, press the on/off button **(3)** again.

Maintenance and Service

Maintenance and Cleaning

- ▶ **Remove the battery before cleaning or performing maintenance on the dust extractor, making tool adjustments, changing accessories or placing the dust extractor in storage.** This safety measure prevents the dust extractor from being started accidentally.
- ▶ **To ensure safe and efficient operation, always keep the dust extractor and the ventilation slots clean.**
- ▶ **Wear a dust mask when servicing and cleaning the dust extractor.**

Clean the housing of the dust extractor occasionally with a damp cloth.

Clean dirty charging pins using a dry cloth.

Emptying the Dust Container (see figure C)

Clean the dust container **(6)** after each use in order to ensure that the vacuum cleaner continues to perform optimally.

- Hold the dust extractor over a suitable waste bin.
- Press the release button **(7)** to open the emptying flap **(8)**.
- Shake out the dust container **(6)**.
- Close the emptying flap **(8)** in such a way that you can hear it click into place.
- If necessary, empty the coarse dirt filter **(1)** and clean the rotational airflow unit **(17)** as well as the filter **(16)**.

Emptying the Coarse Dirt Filter (see figures D1–D2)

- Turn the coarse dirt filter **(1)** as far as it will go in the direction  and remove it from the dust container **(6)**.
- Shake out the coarse dirt filter and the dust container over a suitable waste bin.
- Place the coarse dirt filter **(1)** in the dust container **(6)** and turn it as far as it will go in the direction .

Cleaning the Rotational Airflow Unit and Filter (see figures E1–F2)

- Hold the dust extractor down slightly as shown so that dust cannot fall out of the dust container when the dust extractor is opened.
- Press the release button **(2)** and remove the dust container **(6)** from the motor housing **(5)** (see figure E1).

- Hold onto the filter grips **(15)** and pull the rotational airflow unit **(17)** with the filter **(16)** out of the dust container **(6)** (see figure E2).
- Shake out the dust container **(6)** and the rotational airflow unit **(17)** over a suitable waste bin (see figure E3).
- Put the rotational airflow unit **(17)** and filter back in the dust container **(6)**.
- Push the locking tab **(18)** up and remove the filter **(16)** (see figures F1–F2).
- Gently tap the filter against a solid surface to loosen the dust. Replace any damaged filters.
- Insert the cleaned filter **(16)** into the rotational airflow unit **(17)**.
- Attach the dust container **(6)** at the bottom in the motor housing **(5)**. Apply slight pressure to the dust container to allow it to click into place in the motor housing.

Storage (see figure G)

You can use the wall bracket **(19)** (accessory) to save space when storing the dust extractor and extractor accessories.

Faults

Regularly empty the dust container **(6)** and coarse dirt filter **(1)** and regularly clean the rotational airflow unit **(17)** and filter **(16)** for optimum suction power.

If the suction power is insufficient, check:

- Is the dust container **(6)** full?
▷ Empty the dust container.
- Is the coarse dirt filter **(1)** clogged with dust?
▷ Empty the coarse dirt filter.
- Is the rotational airflow unit **(17)** or the filter **(16)** clogged with dust?
▷ Clean the rotational airflow unit and the filter.
- Is the capacity of the rechargeable battery **(4)** insufficient?
▷ Charge the rechargeable battery.

If sufficient suction power is not achieved after following these steps, please contact a **Bosch** customer service agent.

After-Sales Service and Application Service

Great Britain

Tel. Service: (0344) 7360109

GB Importer:

Robert Bosch Ltd.
Broadwater Park
North Orbital Road
Uxbridge
UB9 5HJ

Malaysia

Tel.: (03) 79663194

In all correspondence and spare parts orders, please always include the 10-digit article number given on the nameplate of the product.

Disposal

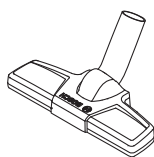
Dust extractors, batteries, accessories and packaging should be sorted for environmentally friendly recycling.



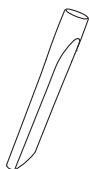
Do not dispose of dust extractors or battery packs/batteries with household waste.

Only for EU countries and United Kingdom:

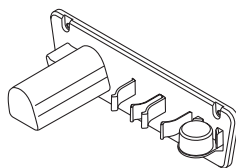
Electrical and electronic equipment or used batteries that are no longer suitable for use must be collected separately and disposed of in an environmentally friendly manner. Use the designated collection systems. Incorrect disposal may cause harmful effects on the environment and human health, due to the potential presence of hazardous substances.



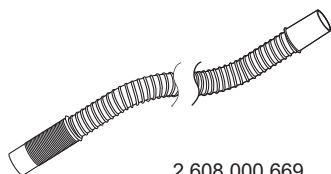
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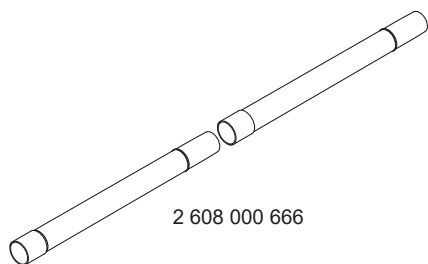
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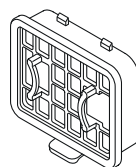
2 608 000 668



2 608 000 669



2 608 000 666



2 608 000 664

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Contactos de Servicio
Контакты сервисных центров



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