BOSCH

PRO

GCG12V-35



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GERMANY

www.bosch-pt.com

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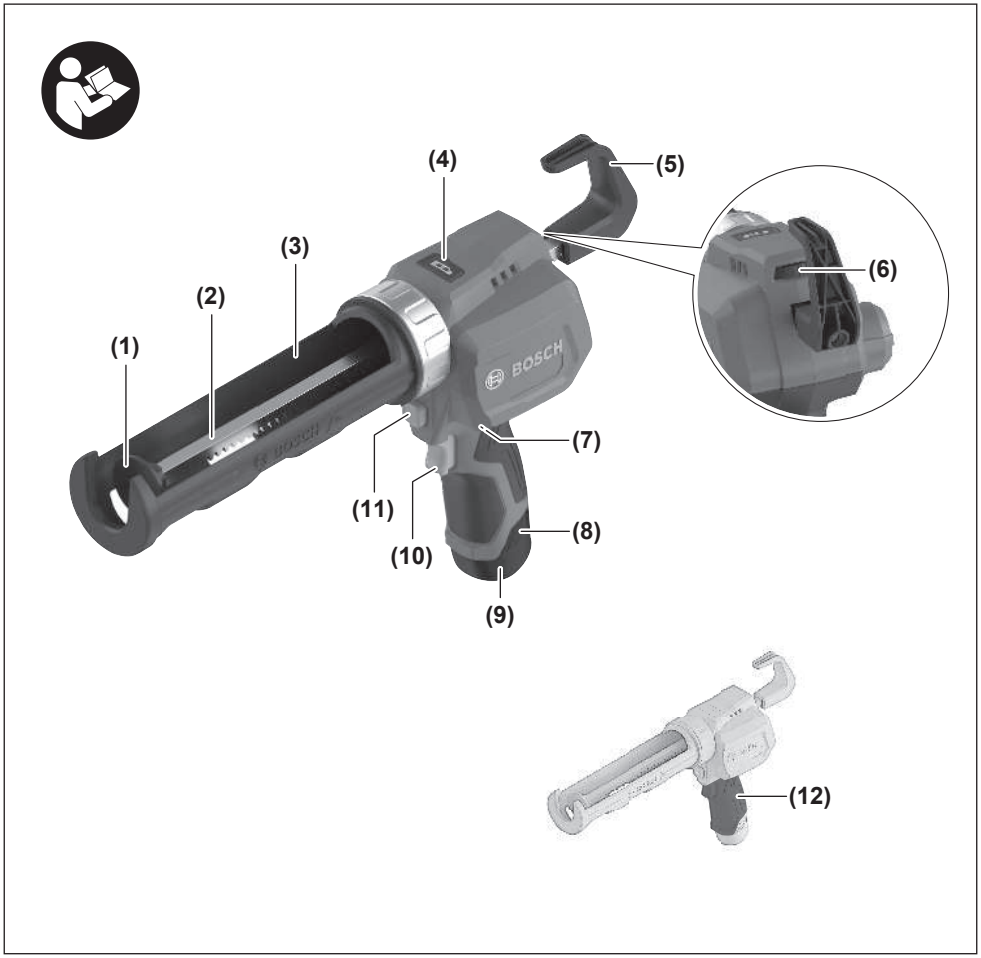
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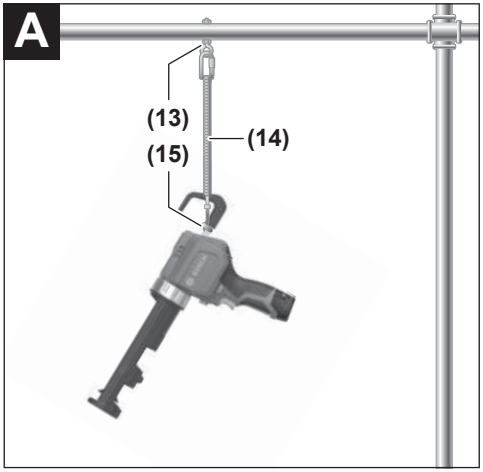
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English

Safety Instructions

General Power Tool Safety Warnings

⚠ 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.

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.

Electrical safety

- **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.

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 a 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.
- **Dress properly. Do not wear loose clothing or jewellery. Keep your hair and clothing away from moving parts.** Loose clothes, jewellery or long hair can be caught in moving parts.
- **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.
- **Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles.** A careless action can cause severe injury within a fraction of a second.

Power tool use and care

- **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.
- **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.
- **Disconnect the plug from the power source and/or remove the battery pack, if detachable, 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.
- **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.
- **Maintain power tools and accessories. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use.** Many accidents are caused by poorly maintained power tools.
- **Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- **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.
- **Keep handles and grasping surfaces dry, clean and free from oil and grease.** Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.

Battery tool use and care

- **Recharge only with the charger specified by the manufacturer.** A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.

- ▶ **Use power tools only with specifically designated battery packs.** Use of any other battery packs may create a risk of injury and fire.
- ▶ **When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another.** Shorting the battery terminals together may cause burns or a fire.
- ▶ **Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help.** Liquid ejected from the battery may cause irritation or burns.
- ▶ **Do not use a battery pack or tool that is damaged or modified.** Damaged or modified batteries may exhibit unpredictable behaviour resulting in fire, explosion or risk of injury.
- ▶ **Do not expose a battery pack or tool to fire or excessive temperature.** Exposure to fire or temperature above 130 °C may cause explosion.
- ▶ **Follow all charging instructions and do not charge the battery pack or tool outside the temperature range specified in the instructions.** Charging improperly or at temperatures outside the specified range may damage the battery and increase the risk of fire.

Service

- ▶ **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.
- ▶ **Never service damaged battery packs.** Service of battery packs should only be performed by the manufacturer or authorized service providers.

Safety instructions for hand-held tools used at height

- ▶ **When using the tool at height, follow the tool manufacturer's recommendations for tethering the tool and for accessories to be used at height.** Use of non-recommended tethering methods or accessories may increase the risk of a drop from height, which may result in serious injury to bystanders below.
- ▶ **When using the tool at height, do not install an accessory on the tool that would cause the attachment point kg (lb(s)) rating to be exceeded.** If the mass of the tool, battery, attachments and accessory exceeds the maximum rating of the attachment point, it may fail during a drop from height, which may result in serious injury to bystanders below.

Safety Instructions for Cordless Caulking Guns

- ▶ **Do not continue to press the On/Off switch after the caulking gun has been automatically switched off.** This can damage the battery.
- ▶ **When working with the cordless caulking gun, use the personal protective equipment recommended by the manufacturer of the consumable.** You can find information about this in the safety data sheet for the consumable. Always wear safety goggles and gloves that are suitable for handling chemical substances. Depending on the material, further protective measures may be necessary.
- ▶ **This power tool may only be used to dispense sealants and adhesives from standard cartridges.** Dispensing other types of materials or using customer-specific packaging systems is strictly prohibited.
- ▶ **When working with volatile or hazardous substances, ensure that the workplace is sufficiently ventilated and that suitable breathing apparatus is worn if necessary.**
- ▶ **Ensure that the cartridges are the right size for this power tool.** Ensure that the cartridges fit well in the cartridge holder and that this holder is securely attached to the power tool. Only then should you begin to dispense material.
- ▶ **Never try to dispense material from an incorrectly aligned or blocked cartridge.**
- ▶ **Never point the power tool at yourself or anyone else during use.**
- ▶ **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.
- ▶ **Do not modify or open the battery.** There is a risk of short-circuiting.
- ▶ **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.
- ▶ **Only use the battery in the manufacturer's products.** This is the only way in which you can protect the battery against dangerous overload.



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.

Product Description and Specifications



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

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

Intended Use

The power tool is suitable for applying sealants and adhesive compounds of various viscosities to dry surfaces that are

free from dust and grease or for filling joints with the material used.

Product Features

The numbering of the product features refers to the diagram of the power tool on the graphics page.

(1) Plunger
(2) Rack
(3) Cartridge holder
(4) Battery charge indicator
(5) Rack pull
(6) Feed rate thumbwheel
(7) On/off switch locking mechanism
(8) Battery release button[a)]
(9) Rechargeable battery[a)]
(10) On/off switch
(11) Rack release
(12) Handle (insulated gripping surface)
(13) Fixed attachment point for fall protection system[a)]
(14) Fall protection system[a)]
(15) Attachment area for the fall protection system on the power tool

a) **This accessory is not part of the standard scope of delivery.**

Technical Data

Cordless caulking gun		**GCG12V-35**
Article number		**3 601 JT3 0..**
Rated voltage	V=	12
Max. cartridge capacity	ml	310
Max. feed rate[A)]	mm/s	10
Max. plunging force	kN	3.5
Weight[B)]	kg	1.7
Dimensions (length × width × height)	mm	425 × 116 × 248
Recommended ambient temperature during charging	°C	0 to +35
Permitted ambient temperature during operation[C)] and during storage	°C	–20 to +50
Recommended rechargeable batteries		GBA12V... GBA 12V...
Recommended battery chargers		GAL12V... GAL 12... GAX 18...

A) no load with highest thumbwheel setting, at 20–25 °C

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 62841-1**.

Typically the A-weighted sound pressure level of the product is less than 70 dB(A). The noise level when working can exceed the declared values. **Wear hearing protection!**

Vibration values a_h (continuous vibrations), p_F (repeated shock vibrations) and uncertainty K determined according to **EN 62841-1**:

a_h = **0.2** m/s^2 (K = **1.5** m/s^2), p_F = **7** m/s^2 (K = **1.5** m/s^2)

The vibration level and noise emission value given in these instructions have been measured in accordance with a standardised measuring procedure and can be used to compare power tools. They can also be used for a preliminary estimation of vibration and noise emissions.

The stated vibration level and noise emission value represent the main applications of the power tool. However, if the power tool is used for other applications, with different accessories or is poorly maintained, the vibration level and noise emission value can differ. This can significantly increase the vibration and noise emissions over the total working period.

To estimate vibration and noise emissions accurately, the times when the tool is switched off or when it is running but not actually being used should also be taken into account. This can significantly reduce vibration and noise emissions over the total working period.

Implement additional safety measures to protect the operator from the effects of vibration, such as servicing the power tool and accessories, keeping their hands warm, and organising workflows correctly.

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 power tool.

Note: Lithium-ion rechargeable batteries are supplied partially charged according to international transport regulations. To ensure full rechargeable battery capacity, fully charge the rechargeable battery before using your tool for the first time.

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 buttons and pull the battery out. **Do not use force to do this.**

Battery charge indicator

The battery charge indicator indicates the state of charge for a few seconds when the on/off switch is pressed halfway.

LED	Capacity
3 × continuous green light	68–100 %
2 × continuous green light	22–68 %
1 × continuous green light	2–22 %
1 × flashing green light	0–2 %

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.

A significantly reduced operating time after charging indicates that the battery has deteriorated and must be replaced.

Follow the instructions on correct disposal.

Assembly

▶ **Before carrying out any work on the power tool (e.g. maintenance, tool change etc.), remove the battery from the power tool.** There is risk of injury from unintentionally pressing the on/off switch.

Inserting the Cartridge into the Cartridge Holder

Press the rack release **(11)** and pull the rack backwards using the rack pull **(5)**.

Cut open the front side of the cartridge and screw on a dispensing nozzle.

Insert the cartridge into the cartridge holder **(3)**.

Press the rack release **(11)** and carefully slide the rack forwards until the plunger **(1)** comes into contact with the cartridge.

If necessary, cut the dispensing nozzle to size, so that it ideally meets your requirements.

Operation

Use with a Fall Protection System

▶ **Safety instructions for use in a raised working position.** Read all the safety and general instructions. Failure to comply with advice and instructions can result in serious injuries.

▶ **Read all safety and general instructions for the fall protection system (14) and the fall arrest system.** Failure to comply with advice and instructions can result in serious injuries.

▶ **Always use a fall protection system when working at heights of 1.8 m and above.**

▶ **Only secure the tool to fixed, stable attachment points (e.g. scaffolding struts).** Unsecured objects such as ladders, toolboxes, etc. cannot prevent falling. The load capacity of the attachment point must be equal to or higher than the load capacity of the attachment area for the fall protection system on the power tool.

Load capacity of the attachment area for the fall protection system on the power tool[A)]	6 kg (13.2 lbs)
Maximum length of fall protection system	1.1 m (3.6 ft)

A) This includes the power tool including all attachments and accessories.

Use the **Bosch** lanyard 2 607 990 161 as a fall protection system **(14)**.

Fitting the Fall Protection System (see figure A)

To use the fall protection system, secure the fall protection system **(14)** to the attachment area **(15)** for the fall protection system on the power tool. For fall protection systems with a loop, wrap around the attachment area as shown in the figure **A**. Pull the loop and ensure that the loop is not twisted in itself.

Note: As shown in the figure, secure the fall protection system **(14)** directly to the rack **(2)** and not to the rack pull **(5)**.

Instructions for use

– The fall arrest system is intended for use by qualified and skilled individuals.
– Only secure the fall protection system by the provided attachment area of the fall protection system on the power tool.
– Do not use any other parts of the power tool to secure the fall protection system and do not modify the power tool in order to create attachment areas.
– Only use fall protection systems with an equal or higher load capacity than the above-listed load capacity of the attachment area of the fall protection system on the power tool.
– Only use fall protection systems with a looped end or carabiners.
– Preferably use a fall protection system with shock absorption.
– Only use fall protection systems according to ANSI ISEA 121:2018. Do not use any ropes, lines, steel ropes or cables as fall protection systems.
– Before starting work in a raised position, ensure that the fall protection system is properly attached at both ends.
– Do not use the fall protection system in any way that restricts the protective covers, switches and locking mechanisms in their regular functioning.
– Do not use more than one tool per fall protection system.
– Use the fall arrest system such that the power tool does not move away from the user when it falls down. Falling power tools swing into the fall arrest system. This can lead to injury or a loss of balance.
– Do not extend shock-absorbing fall protection systems during use. Only use fall protection systems in an unextended state.

- Do not use the fall protection system to lift the power tool or to pull it up.
- Do not use the fall protection system to secure persons.
- Do not replace accessories in a raised working position.
- Only use accessories that are intended for working in a raised position and which are specified in these operating instructions.
- Keep the fall protection system away from high-voltage areas or electricity cables. Otherwise, there is a risk of an electric shock.
- Do not modify the attachment area of the fall protection system on the power tool and do not use it in any other way than that described in these operating instructions.
- Do not use the fall arrest system in the vicinity of moving parts. The fall protection system could become caught, which may lead to crushing.
- Keep the fall protection system away from sharp edges, cutting edges, chips, sparks and other elements that may cause damage.
- Avoid becoming entangled in the fall protection system.
- Do not carry the power tool by the fall protection system or the attachment area of the fall protection system.
- Only switch the power tool from one hand to the other when you are on a secure footing.
- Do not attempt to catch a falling power tool.
- Inspect the attachment area of the fall protection system and the fall protection system before every use and after the power tool has fallen to ensure that it is working properly. Do not use the power tool or the fall protection system in the event of damage (cracks, damage to the seams, etc.) or if it is not working properly. Damage to the attachment area of the fall protection system includes, among other damage, stress whitening on plastic parts, cracks, breaks and deformation.
- If the power tool has fallen from height into the fall arrest system, it must be labelled and taken out of active operation.
- If you use a fall protection system with a triggering indicator and the triggering indicator is visible, this is also no longer operational.

Starting Operation

Switching On and Off

Note: Only switch on the power tool if a cartridge has been inserted.

To **switch on** the power tool, first press the locking mechanism **(7)** on the left side to deactivate it. Then press the on/off switch **(10)** and keep it pressed.

To **switch off** the power tool, release the on/off switch **(10)**. The rack moves immediately into the park position, in order to prevent further squeezing of the material.

If the on/off switch **(10)** is pressed again within approximately 20 s of switching off, the rack moves to the last working position at increased speed. If this position is achieved, the feed is adapted again to the adjusted feed rate.

To **lock** the on/off switch **(10)** against being activated unintentionally, press the locking mechanism **(7)** on the right side to activate it.

Adjusting the Feed Rate

You can preselect the maximum feed rate of the rack with the feed rate thumbwheel **(6)**. High values mean a high feed rate, low values mean a low feed rate. You can change the preselected value during operation.

You can also adjust the feed rate continuously up to the preselected value by pressing in the on/off switch **(10)** to varying extents.

The amount of material squeezed out also depends on the size of the dispensing nozzle opening.

Temperature-dependent Overload Protection

If the permissible temperature is exceeded, the caulking gun switches off. Let the caulking gun cool down and then switch the caulking gun back on.

Working Advice

- ▶ **Comply with the manufacturer's instructions regarding the material to be applied.** Certain materials can only be used within a certain temperature range or can only be applied to specific surfaces.
- ▶ **Open and use the cartridges in accordance with the manufacturer's specifications.**
- ▶ **Only trim the dispensing nozzle if the material is securely within the cartridge holder.**

Adjust the feed rate to ensure a smooth and consistent application of material in one application.

Ensure that the surface onto which the material is to be applied is clean, dry and free from grease.

Maintenance and Service

Maintenance and Cleaning

- ▶ **Before carrying out any work on the power tool (e.g. maintenance, tool change etc.), remove the battery from the power tool.** There is risk of injury from unintentionally pressing the on/off switch.
- ▶ **To ensure safe and efficient operation, always keep the power tool and the ventilation slots clean.**

Clean the dispensing nozzles, the cartridge holder and the rack with the plunger thoroughly after each use in accordance with the specifications provided by the manufacturer of the consumable. The battery and the handle can be cleaned using a damp cloth.

The caulking gun is maintenance-free and does not contain any parts that need to be replaced or maintained.

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

Power tools, rechargeable batteries, accessories and packaging should be sorted for environmental-friendly recycling.



Do not dispose of power tools and batteries/rechargeable batteries into 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.

Product Data Information according to regulation (EU) 2023/2854

Connected products or related services generate data during their use. The following sections inform about the generated data related to the product and how the product data can be accessed.

Type of Product Data

The product may generate the following type of data during its use. The actual generated data depends on the particular usage of the product.

- Operating time
- Battery information
- Component temperatures
- Activation of functions
- Failure and service events
- Application information

Product Data Logging

Information about collection of product data and data storage:

- Less than 1 kB of product data is logged.
- The product is capable to store product data on-device while the product is powered on.

Data Access and Data Format

Information how data can be accessed or retrieved by the user:

- Within the EU the user can request the product data via Bosch Power Tools service (email: **PT-Service.EU-DataAct@de.bosch.com**), if the user sends the device to a Bosch service, and/or
- If the product provides a wireless interface the user can get direct access to the product data via the corresponding Bosch Power Tools mobile application.
- The data is provided in a commonly used and machine-readable format (e.g., JSON).

Servicekontakte
Service Contacts
Contacts de Service
Contactos de Servicio
Контакты сервисных центров

https://www.bosch-pt.com/serviceaddresses

Garantiebedingungen
Guarantee Conditions
Conditions de Garantie
Condiciones de Garantía
Условия гарантии

https://www.bosch-pt.com/guarantee/202601