BOSCH

Professional HEAVY DUTY

GNH 18V-64 MD



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70538 Stuttgart
GERMANY

www.bosch-pt.com

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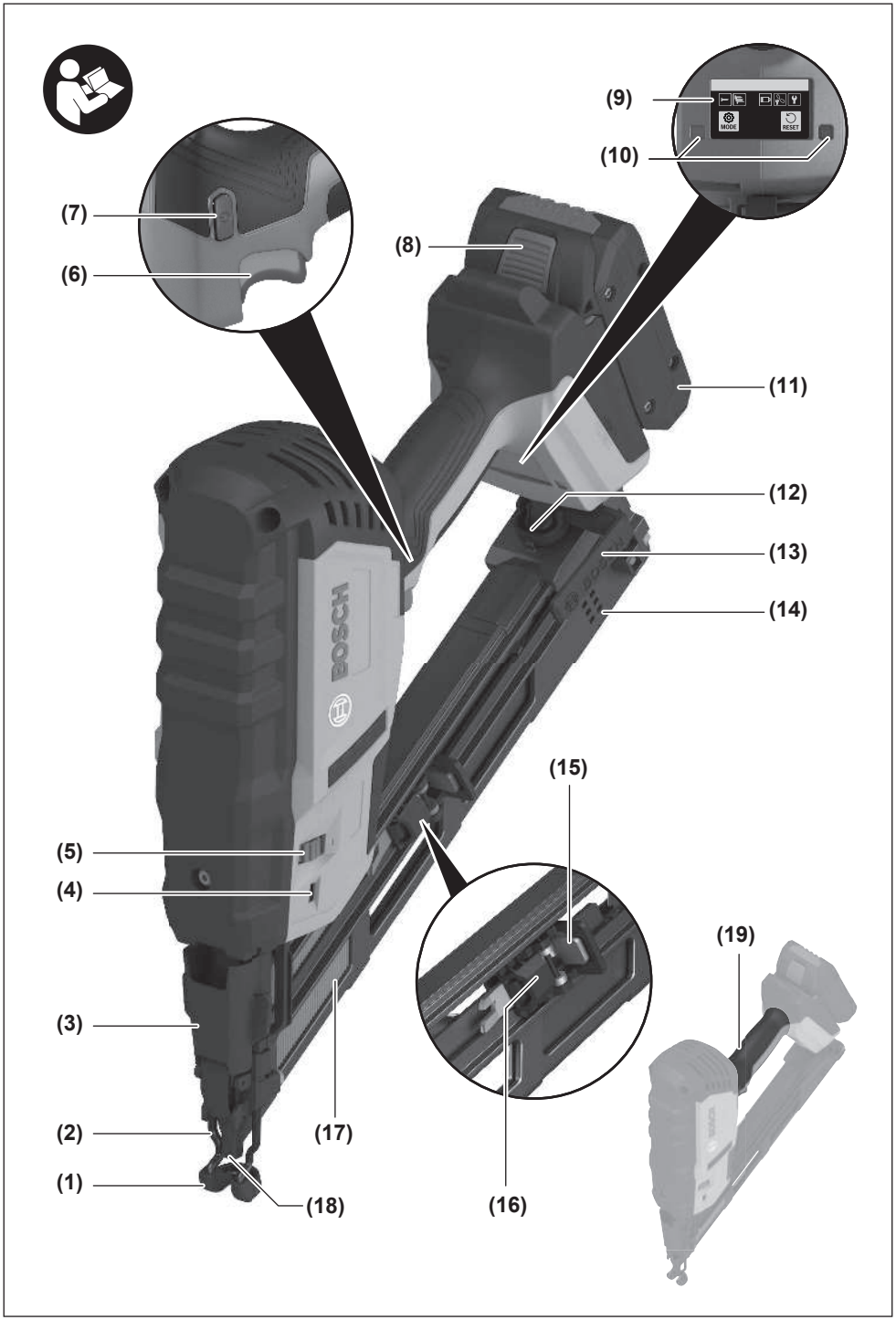
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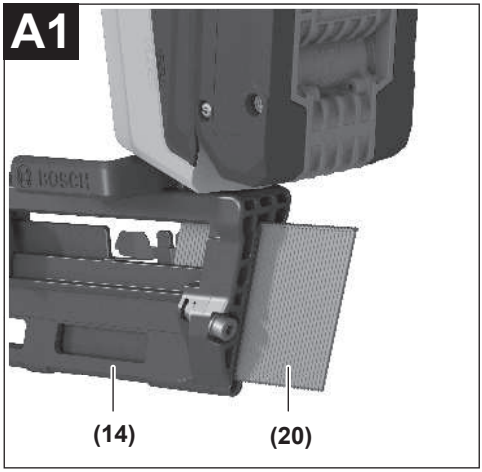
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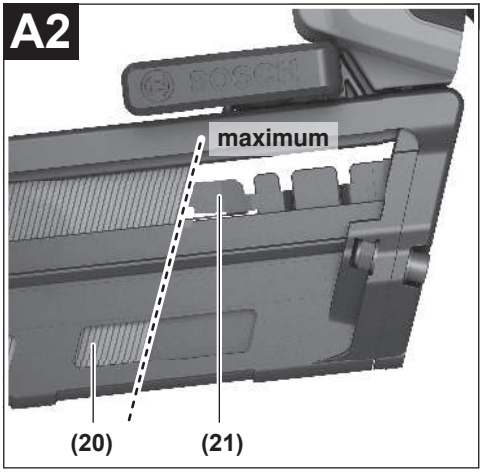
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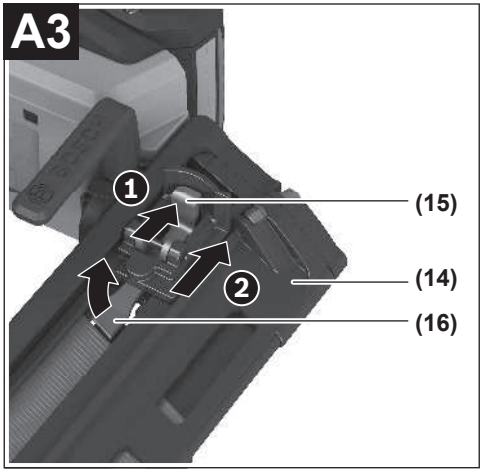
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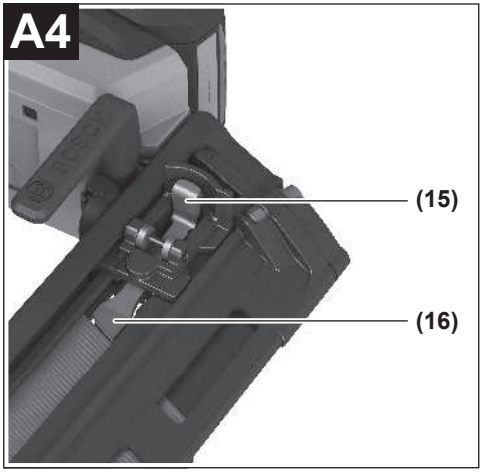
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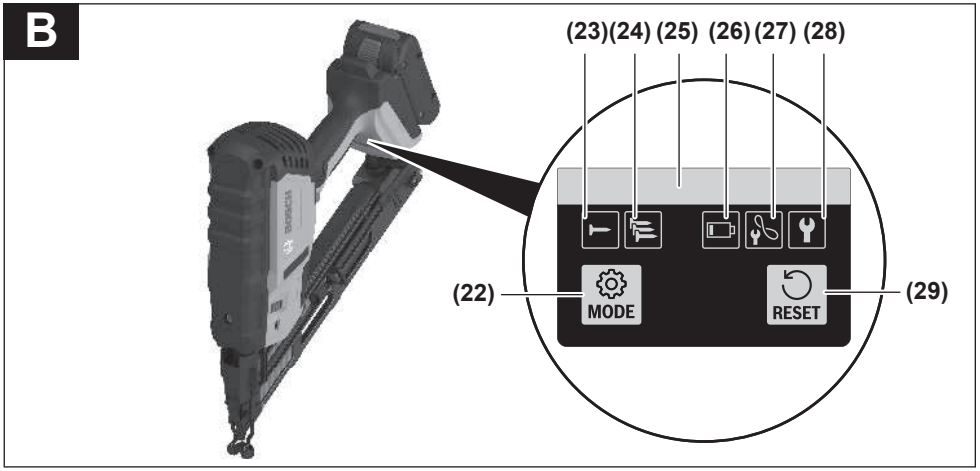

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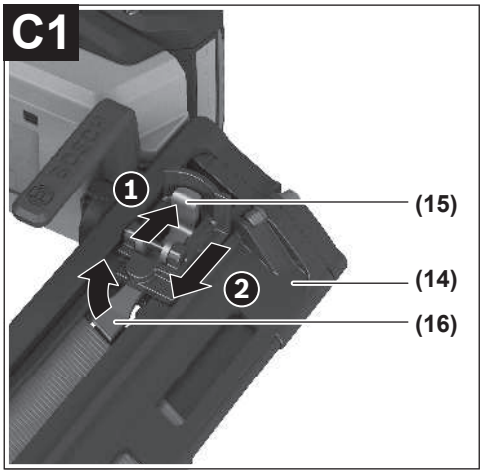

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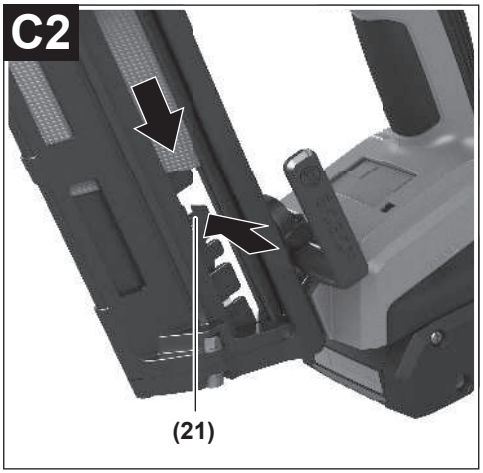

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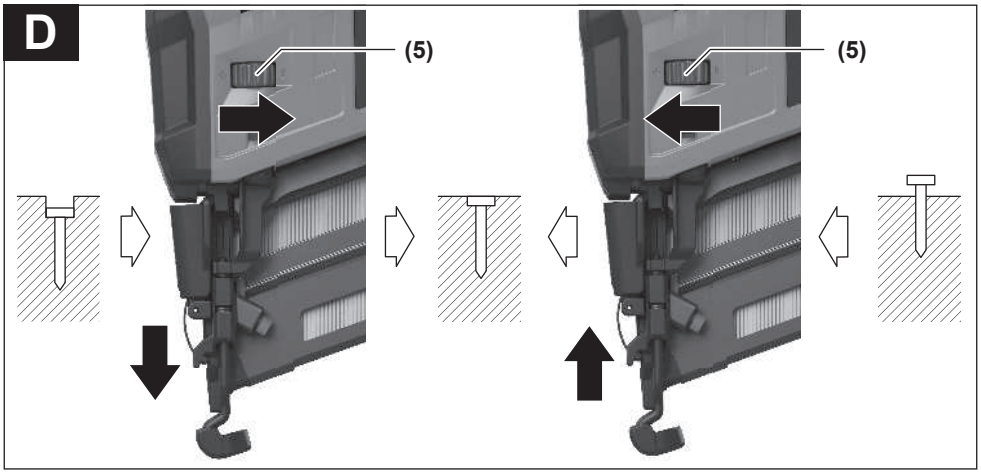

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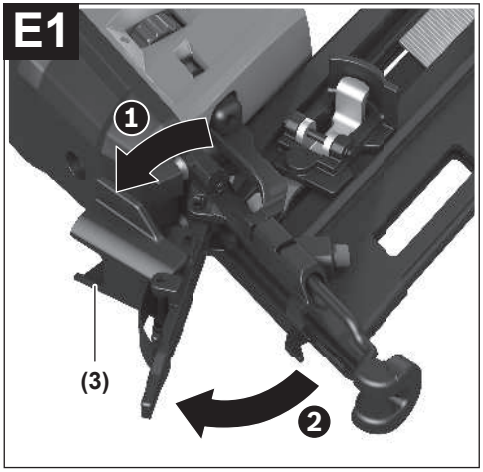

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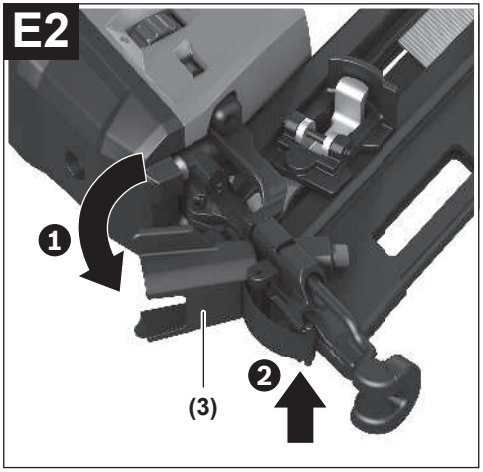

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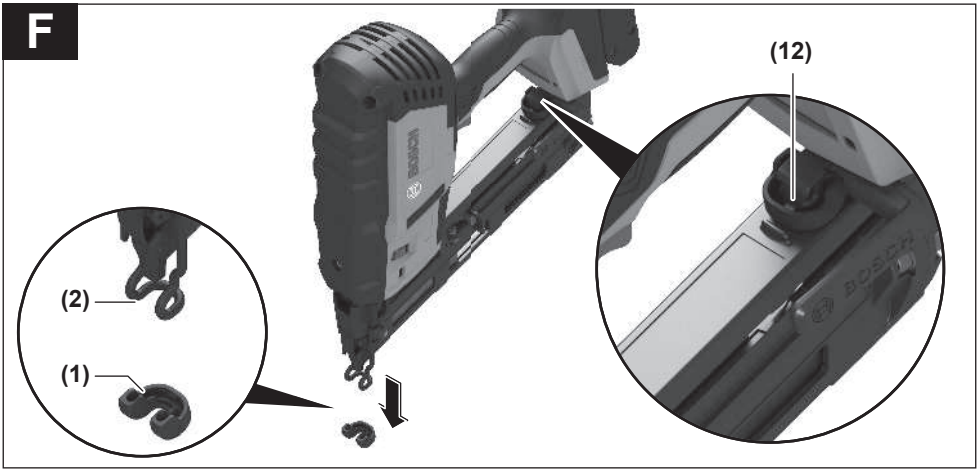

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English

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.

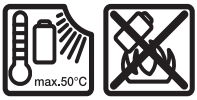
- ▶ **Use power tools only with specifically designated battery packs.** Use of any other battery packs may create a risk of injury and fire.
- ▶ **When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can 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.

Nailer safety warnings

- ▶ **Always assume that the nailer contains fasteners.** Careless handling of the nailer may result in unexpected firing of fasteners and personal injury.
- ▶ **Disconnect the tool from the power source when loading and unloading fasteners, making adjustments or changing accessories.** The tool may be accidentally activated if it is connected to the power source, which may result in personal injury.
- ▶ **Be careful when handling fasteners, especially when loading and unloading.** The fasteners have sharp points which may result in personal injury.
- ▶ **Do not point the nailer towards yourself or anyone nearby.** Unexpected triggering will discharge a fastener, which may result in personal injury.
- ▶ **Keep fingers away from trigger when not operating the nailer and when moving from one operating position to another.** Unexpected triggering will discharge a fastener, which may result in personal injury.
- ▶ **Hold the nailer by insulated gripping surfaces, when performing an operation where the fastener may contact hidden wiring.** A fastener contacting a "live" wire may make exposed metal parts of the nailer "live" and could give the operator an electric shock.
- ▶ **Hold the nailer with a firm grasp during operation.** Uncontrolled recoil of the nailer may result in unintended activation, which may result in personal injury.
- ▶ **Keep all body parts such as hands and legs, etc. away from the firing direction of the nailer.** The fastener may penetrate the workpiece as well as any object behind it, which may result in personal injury.
- ▶ **When using the nailer, keep all body parts such as hands and legs, etc. away from the area where the fastener is driven into the workpiece.** The fastener could deflect and exit the workpiece, which may result in personal injury.
- ▶ **Do not actuate the nailer unless the nailer is placed firmly against the workpiece.** If the nailer is not in contact with the workpiece, the fastener may be deflected away from the workpiece, which may result in personal injury.
- ▶ **Do not use this nailer for fastening electrical cables.** It is not designed for electric cable installation and may damage the insulation of electric cables, thereby causing electric shock or fire hazards.
- ▶ **Disconnect the nailer from the power source if a fastener jams in the nailer.** While removing a jammed fastener, the nailer may be accidentally activated if it is connected to the power source, which may result in personal injury.
- ▶ **Use caution while removing a jammed fastener.** The mechanism may be under compression and the fastener may be forcefully discharged, which may result in personal injury.
- ▶ **Use suitable detectors to determine if there are hidden supply lines or contact the local utility company for assistance.** Contact with electric cables can cause fire and electric shock. Damaging gas lines can lead to explosion. Breaking water pipes causes property damage.
- ▶ **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.



Wear hearing protection. Exposure to noise can cause hearing loss.



Wear safety goggles. Flying parts may cause eye injuries.

Product Description and Specifications



Read all the safety and general instructions. Failure to observe the safety information and follow 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 intended for driving nails into wood. Only the fasteners (nails, staples, etc.) specified in the "Technical Data" table may be used.

Note: The power tool is not suitable for driving nails into metal or concrete.

Please do not use the power tool in contact actuation mode with automatic return while working on scaffolding, ladders or other platforms and when a change of working position is required. In this case, only use the single actuation mode with backup sequence.

Product Features

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

(1) Workpiece protector
(2) Discharge lock-off
(3) Clamping lever for opening/closing the firing channel
(4) Depth stop adjustment indicator
(5) Thumbwheel for depth stop adjustment
(6) Trigger
(7) On/off switch
(8) Rechargeable battery release button
(9) User interface
(10) Worklight
(11) Rechargeable battery
(12) Storage for workpiece protector
(13) Belt hook
(14) Magazine
(15) Magazine slider
(16) Nail pusher
(17) Viewing window of the reload indicator
(18) Nose
(19) Handle (insulated gripping surface)
(20) Nail strip[a)]
(21) Magazine spring

User interface

(22) Mode button
(23) Single actuation indicator
(24) Contact actuation indicator
(25) Status indicator
(26) Battery charge indicator
(27) Low service due indicator
(28) High service due indicator
(29) Reset button

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

Technical Data

Cordless nailer		GNH 18V-64 MD
Article number		**3 601 D82 2..**
Rated voltage	V=	18
Actuation systems		
– Single actuation with safety operation		●
– Contact actuation with automatic return		●
Fastener		
– Type		D-head nails
– Length	mm	32–64
– Diameter	mm	1.8
	ga	15
– Angle	°	34
Max. magazine capacity		105
Dimensions (without battery)		
– Height	mm	323
– Width	mm	95
– Length with workpiece protector	mm	385
Weight[A)]	kg	3.1
Recommended ambient temperature during charging	°C	0 … +35
Permitted ambient temperature during operation[B)C)] and storage	°C	–20 … +50
Compatible rechargeable batteries		GBA18V... GBA 18V... ProCORE18V... EXPERT18V... EXBA18V... CORE18V...

Cordless nailer	GNH 18V-64 MD
Recommended batteries	GBA 18V... ≥ 2.0 Ah ProCORE18V... ≥ 4.0 Ah
Recommended battery chargers	GAL18... GAL 18... GAL 36... GAL12V/18... GAL 12V/18... GAX 18... EXAL18...

A) Without rechargeable battery (you can find the battery weight at www.bosch-professional.com)

B) Limited performance at temperatures < 0 °C

C) Limited performance with GBA 18V...

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 IEC 62841-2-16**.

Typically, the A-weighted noise level of the power tool is: Sound pressure level **88** dB(A); sound power level **99** dB(A). Uncertainty K = **3** dB.

Wear hearing protection!

Vibration values a_h (continuous vibrations), p_F (repeated shock vibrations) and uncertainty K determined according to **EN IEC 62841-2-16**:

a_h = **2.2** m/s^2 (K = **1.5** m/s^2), p_F = **358** m/s^2 (K = **19** 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 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 power tool.

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 battery. For safety reasons, it is only possible to check the state of charge when the power tool is not in operation.

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

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

The state of charge of the battery is also displayed on the user interface (see "Status indications", page 12).

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

- ▶ **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.

Loading the magazine (see figures A1–A4)

- ▶ **Remove the rechargeable battery before adjusting the tool settings, changing accessories, or storing the power tool.** This safety measure prevents the power tool from being started accidentally.

Use only original Bosch accessories. The power tool's precision parts, such as the magazine, outlet and shot duct, are adapted to **staples, nails and pins** from **Bosch**. Other manufacturers use different steel grades and sizes.

Note: Only use fasteners specified in the "Technical Data" table.

Using unapproved fasteners can damage the power tool and cause injuries.

While loading the magazine, hold the power tool in such a manner that the outlet **(18)** is not pointed at your body or at other persons.

- – Clean the magazine slider **(15)** as required and make sure that the magazine **(14)** is not contaminated.
- – Insert a suitable nail strip **(20)** in the T-slot at the end of the magazine **(14)**.
- – Push the nail strip forwards in the magazine until the last nail is positioned in front of the magazine spring **(21)**.

Note: Electronic monitoring detects whether nails can be found in the magazine. If the discharge lock-off is depressed when the magazine is empty, no discharging procedure is triggered. Blank firing is thus prevented.

- – Press the pretensioned nail pusher **(16)** against the magazine slider **(15)** and, at the same time, pull the magazine slider completely to the end of the magazine **(14)**.

Note: The magazine slider must slide back with only low force (finger-pressure). A jammed magazine slider has the following effects: The nail is not discharged, the nail gets caught in the shot duct (see jam) or the nail is discharged at the wrong angle.

- – With the nail pusher **(15)** pressed, carefully guide the magazine slider **(16)** forwards until the nail pusher is over the last nail, thus pushing the nail strip in the magazine completely to the front.

Note: Do not let the magazine slider snap back without guiding it. This could damage the magazine slider and there is a risk of getting your fingers caught.

Operation

Actuation systems

Single actuation with safety run

With this actuation system, the discharge lock-off **(2)** must first be firmly pressed against the workpiece. A fastener is not discharged until the trigger **(6)** is pulled.

Afterwards, further discharging procedures can only be actuated when the trigger and the discharge lock-off have been set back to the starting position.

Contact actuation with automatic return

With this actuation system, the trigger **(6)** must be pulled first and held in this position. Afterwards, the discharge lock-off must be firmly pressed against the workpiece in order to discharge the fastener. Further discharging procedures can be actuated by repositioning it elsewhere while the trigger **(6)** is pushed.

In **contact actuation** mode, a nail can also be driven in with single actuation.

Starting Operation

Switching On and Off

- To **switch on** the power tool, press the on/off switch **(7)**.
  The user interface lights up.
  If single actuation is activated, the single actuation indicator **(23)** lights up.
- To **switch off** the power tool, press the on/off switch **(7)**.

Discharging the nails – single actuation

- Switch on the power tool.
- Firmly position the outlet **(18)** or the rubber workpiece protector **(1)** on the workpiece until the discharge lock-off **(2)** is pressed down completely.
  The worklight switches on and the motor starts.
- Afterwards, briefly press the trigger **(6)** and release it again.
  This discharges a nail.
- Allow the power tool to bounce back from the workpiece.
- For another driving procedure, completely lift the power tool from the workpiece and position it firmly at the next required location.

Discharging the nails – contact actuation

- Switch on the power tool.
- Activate the contact actuation by briefly pressing the mode button **(22)**.
  The contact actuation indicator **(24)** lights up.
- Press and hold the trigger **(6)**.
  The worklight switches on and the motor starts.
- Firmly position the outlet **(18)** or the rubber workpiece protector **(1)** on the workpiece until the discharge lock-off **(2)** is pressed down completely.
  This discharges a nail.
- For another discharging procedure, keep the trigger **(6)** pressed and completely lift the power tool from the workpiece. Replace it firmly in the next required position.
- Switch to single actuation by pressing the mode button **(22)** again.
  The single actuation indicator **(23)** lights up.

User interface (see figure B)

The user interface **(9)** is used to select the working mode and to indicate the status of the power tool.

Status indications

Power tool status indicator (25)		
Colour	**Meaning**	**Solution**
Green	Power tool is switched on and ready to use.	–
Yellow	An event requires your attention: Critical temperature, battery almost empty or maintenance due.	– Leave the power tool to cool down. – Replace or charge the battery. – Have maintenance carried out.
Red	The power tool is not ready for use. Reason: The power tool has overheated, the battery is empty or there is a mechanical fault	– Leave the power tool to cool down. – Replace or charge the battery. – Have maintenance carried out.
Flashing red	– The trigger **(6)** was pressed too early. – The trigger **(6)** was not pressed within 5 s; the motor switches off automatically. – The controls were operated in the wrong order (e.g. the trigger was pressed before the power tool had switched to contact actuation mode).	– Wait briefly until the status indicator lights up green. – The power tool is ready for use again. – Repeat the driving operation, observing the correct operating sequence. – Change the actuation mode via the User Interface.

Battery charge indicator (26)		
Symbol	**Paint**	**State of charge**
–	–	20–100 %
	Yellow	1–20 %
	Red	0–1 %

Maintenance indicator			
Symbol	Paint	Meaning	Solution
	Yellow	"Low" level routine service is due.	Contact customer service.
	Yellow	"High" level routine service is due.	Contact customer service.

Press the reset button **(29)** to reset the maintenance counter once the tool has been serviced.

Working Advice

Before starting work, always check that the safety and actuation devices are functioning correctly and that all screws and nuts are tightly seated.
If a power tool is defective or not functioning properly, disconnect it immediately from the power supply and contact an authorised Bosch after-sales service centre.

Do not perform any incorrect manipulations on the power tool. Do not disassemble or block any components of the power tool, such as the discharge lock-off.

Do not carry out "emergency repairs" with unsuitable means. The power tool is to be maintained regularly and properly.

Avoid any tampering and damage to the power tool, e. g. from:

- Imprinting or engraving,
- Retrofitting measures not approved by the manufacturer,
- Guiding along templates manufactured of hard material, e.g. steel,
- Dropping on or sliding over the floor,
- Using as a hammer,
- Applying any kind of force.

Make sure to check whatever is below or behind your workpiece. Do not shoot nails into walls, ceilings or floors, when persons are behind them. The nails can burst through the workpiece and injure someone.

Do not shoot a nail onto an already driven-in one. This could cause the nail to deform, the nails could become jammed or the power tool could move in an uncontrolled manner.

When the power tool is used under cold ambient conditions, the first nails will be driven in slower than usual. Once the power tool has warmed up during working, normal operating speed will be regained.

Avoid pulling the trigger when the magazine is empty to minimise wear on the firing pin.

For longer work breaks or after finishing work, switch off the power tool, remove the battery and empty the magazine if possible.

Emptying the magazine (see figures C1–C2)

- Switch the power tool off and remove the battery **(11)**.
- With the nail pusher **(15)** pressed, pull the magazine slider **(16)** backwards until the last nail is free; then carefully guide the magazine slider forwards to the beginning of the magazine **(14)**.

Note: Do not let the magazine slider snap back without guiding it. This could damage the magazine slider and there is a risk of getting your fingers caught.

- Turn the power tool so that the nails in the magazine slide back to the magazine spring **(21)**.
- Press the magazine spring down and allow the nails to slide past the nail pusher **(16)** out of the magazine **(14)**.

Adjusting the depth stop (see figure D)

The driving depth of the nails can be set with the thumbwheel **(5)**.

- Empty the magazine **(14)**.
- **Nails are driven in too deep:** To reduce the driving depth, turn the thumbwheel **(5)** in the "–" direction.



- **Nails are not driven in deep enough:** To increase the driving depth, turn the thumbwheel **(5)** in the "+" direction.



You can check the depth stop adjustment on the depth stop adjustment display **(4)**.

- Refill the magazine.
- Test the new driving depth on a test workpiece. Repeat the worksteps as required.

Clearing jams (see figures E1–E2)

Single nails can become jammed in the shot duct. If this should occur frequently, please contact an authorised Bosch after-sales service centre.

Note: If the driver blade does not return after clearing a jam, please contact an authorised Bosch after-sales service centre.

- Release the trigger **(6)**.
- Switch the power tool off and remove the battery **(11)**.
- Empty the magazine **(14)**.
- Press the clamping lever **(3)** down so that the shot duct opens.
- Remove the jammed nail. Use a pair of pliers for this, if required.
- Close the shot duct, hang the clip of the clamping lever **(3)** into the hooks on the shot duct and then push the clamping lever up again.
- Refill the magazine.

Changing the workpiece protector (see figure F)

The workpiece protector **(1)** at the end of the discharge lock-off **(2)** protects the workpiece until the power tool is

correctly placed for the discharging procedure. The workpiece protector can be removed and replaced

- Release the trigger **(6)**.
- Switch the power tool off and remove the battery **(11)**.
- Empty the magazine **(14)**.
- Remove the workpiece protector from the discharge lock-off.
- Push the new workpiece protector with the open end over the discharge lock-off.

Note: A spare workpiece protector can be stored on top of the magazine **(14)**. For this, push the workpiece protector into the storage compartment **(12)**.

Transport and Storage

For transport, switch off the power tool; especially when using ladders or moving in an unusual stance or posture.

At the workplace, carry the power tool only by the handle **(19)** and with the trigger **(6)** released.

Always store the power tool disconnected from the battery and in a dry and warm location.

When not using the power tool for an extended period of time, apply a fine oil coating to steel parts. This prevents the formation of rust.

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.**

Maintenance Schedule

Clean the magazine **(14)**. Remove plastic or wood shavings that may accumulate in the magazine during work. Clean the power tool at regular intervals using compressed air.

Measure	Explanation	Action
Cleaning the magazine **(14)** and magazine slider **(15)**.	Prevents a nail from becoming jammed.	– Blow out the mechanism of the magazine/magazine slider daily with compressed air.
Ensure that the discharge lock-off **(2)** functions properly.	Promotes your work safety and efficient use of the power tool.	– Blow out the mechanism of the discharge lock-off daily with compressed air.

Troubleshooting

Problem	Cause	Remedy
The power tool is not ready for operation.	The battery is discharged or defective.	– Fully recharge the battery or replace it.
	The battery is not properly inserted.	– Make sure that the battery is securely locked into the handle.
	The battery temperature is too high or too low.	– Wait until the battery has reached the optimal operating temperature again.
	The battery contacts, motor or solenoid are dirty or defective.	– Contact an authorised Bosch after-sales service centre. Have the component replaced there.
	The magazine **(14)** is empty.	– Refill the magazine. (see "Loading the magazine (see figures **A1**–**A4**)", page 11)
	The safety mechanism **(2)** is bent.	– Contact an authorised Bosch after-sales service centre. Have the component replaced there.
	The electronic system is defective.	– Contact an authorised Bosch after-sales service centre.
	The User Interface **(9)** is defective.	– Contact an authorised Bosch after-sales service centre.
The power tool is ready for operation, but no nails are driven.	The following components may be faulty: – Trigger **(6)** – Drive pin	– Contact an authorised Bosch after-sales service centre. Have the component replaced there.

Problem	Cause	Remedy
	– Motor or drive belt – Electronics – Rubber bands	
	Foreign objects have accumulated in the firing mechanism.	– Contact an authorised Bosch after-sales service centre. Have the component replaced there.
	Foreign objects have accumulated in the outlet **(18)** or in the magazine **(14)**.	– Clean the outlet **(18)** or the magazine **(14)**.
	A nail is jammed in the firing channel.	– Clear the jam. (see "Clearing jams (see figures **E1**–**E2**)", page 13)
	The magazine slider **(15)** is defective.	– Clean the magazine slider **(15)** as required and make sure that the magazine **(14)** is not contaminated.
	The spring of the magazine slider is too weak or defective.	– Contact an authorised Bosch after-sales service centre. Have the component replaced there.
	The fasteners being used are not approved.	– Use only original accessories. Only the fasteners (nails, staples, etc.) specified in the "Technical Data" table may be used.
	The magazine **(14)** is empty.	– Refill the magazine. (see "Loading the magazine (see figures **A1**–**A4**)", page 11)
	The firing controls have been operated in the wrong order.	– Repeat the driving operation, observing the correct operating sequence. – Change the actuation mode via the User Interface.
The nails are driven in too deep.	The depth stop is set too deep.	– Adjust the depth stop to the required depth. (see "Adjusting the depth stop (see figure **D**)", page 13)
	The bumper is worn.	– Contact an authorised Bosch after-sales service centre. Have the component replaced there.
The nails are not driven deep enough.	The battery is discharged or defective.	– Fully recharge the battery or replace it.
	The fasteners are too long.	– Use only original accessories. Only the fasteners (nails, staples, etc.) specified in the "Technical Data" table may be used.
	The depth stop is set too high.	– Adjust the depth stop to the required depth. (see "Adjusting the depth stop (see figure **D**)", page 13)
The power tool skips nails or the feed rate is too high.	The fasteners being used are not approved.	– Use only original accessories. Only the fasteners (nails, staples, etc.) specified in the "Technical Data" table may be used.
	The spring of the magazine slider is too weak or defective.	– Contact an authorised Bosch after-sales service centre. Have the component replaced there.
Nails frequently become jammed in the firing channel.	The fasteners being used are not approved.	– Use only original accessories. Only the fasteners (nails, staples, etc.) specified in the "Technical Data" table may be used.
	The nails are old; the adhesive between the nails no longer has sufficient holding strength.	– Use a new nail strip.
The driven nails are bent.	The drive pin is damaged.	– Contact an authorised Bosch after-sales service centre. Have the component replaced there.

Problem	Cause	Remedy
	The nailer is being used on a material that is not permitted (e.g. concrete, stone).	– Only use the nailer on permitted materials. (see "Intended Use", page 9)

After-Sales Service and Application Service

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

Great Britain
Tel. Service: (0344) 7360109

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

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.

Manufacturer's warranty

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