

IMPORTANT:
Read Before Using

IMPORTANT :
Lire avant usage

IMPORTANTE:
Leer antes de usar



Operating/Safety Instructions
Consignes de fonctionnement/sécurité
Instrucciones de funcionamiento y seguridad

GPLL5



BOSCH

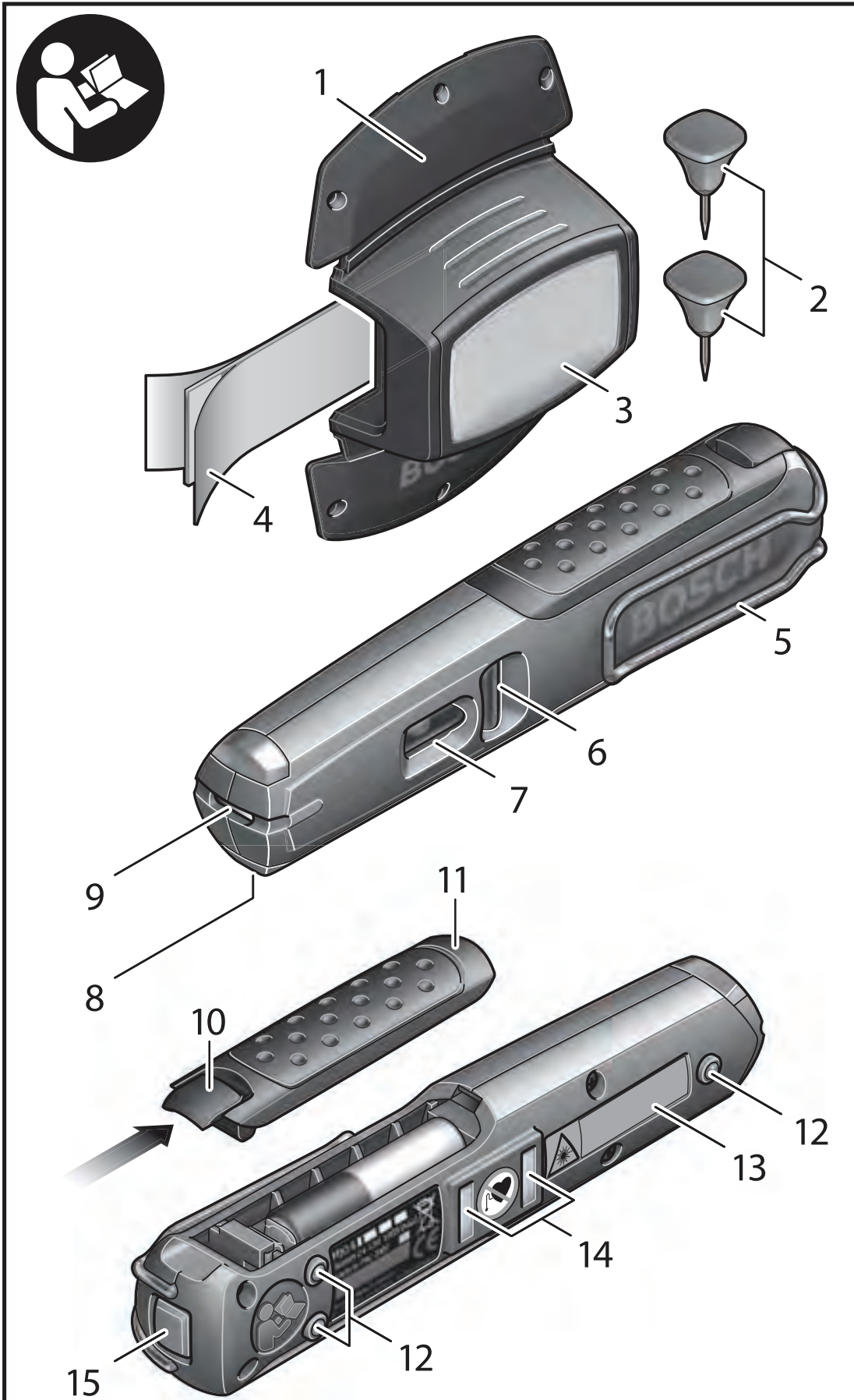
**Call Toll Free for
Consumer
Information &
Service Locations**

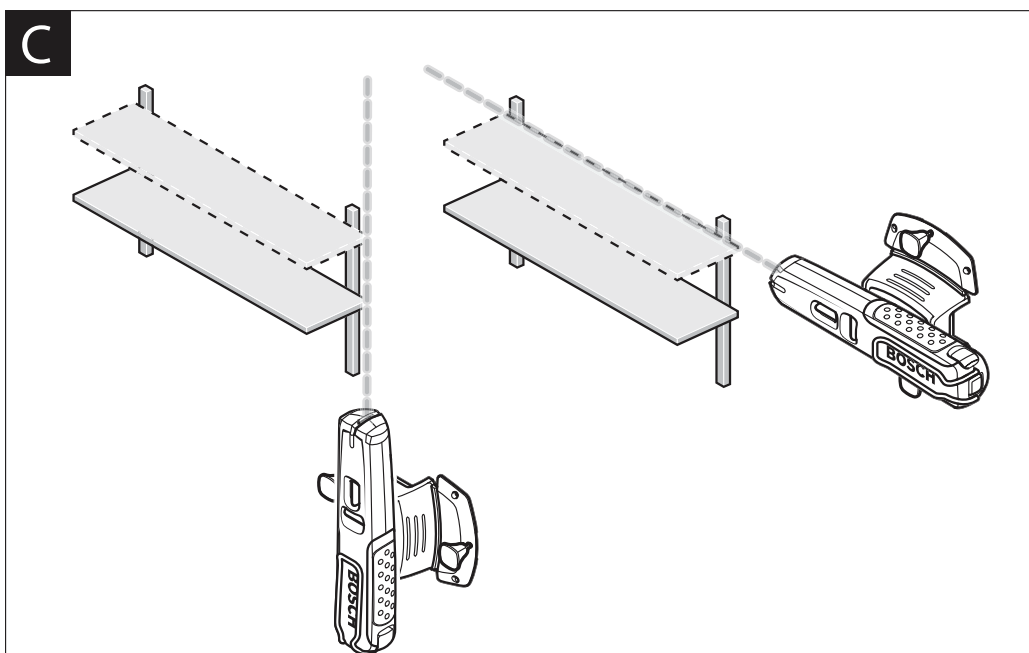
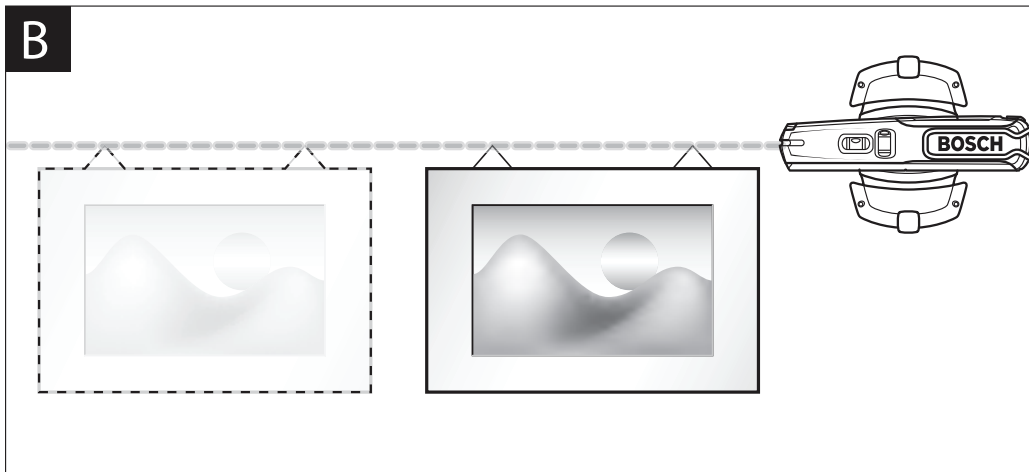
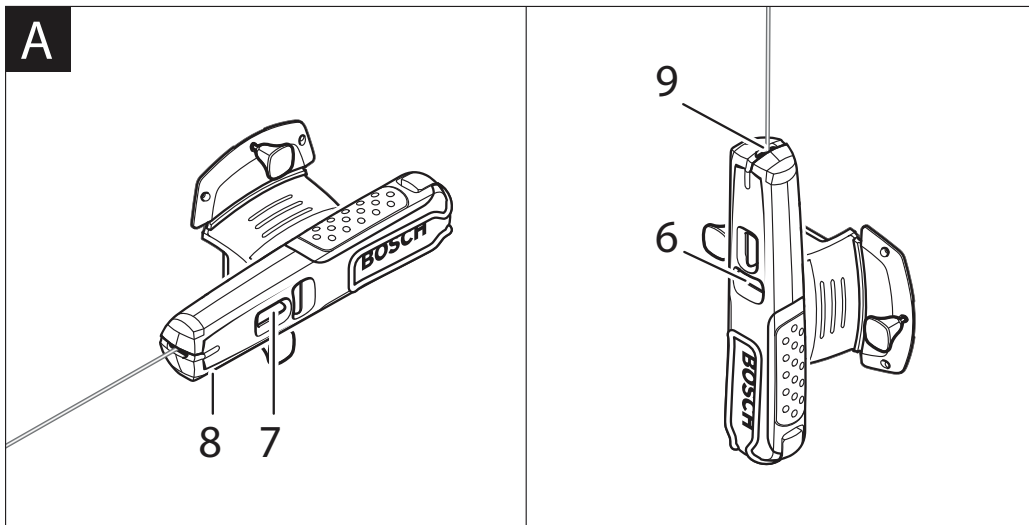
**Pour obtenir des
informations et les adresses
de nos centres de service
après-vente, appelez ce
numéro gratuit**

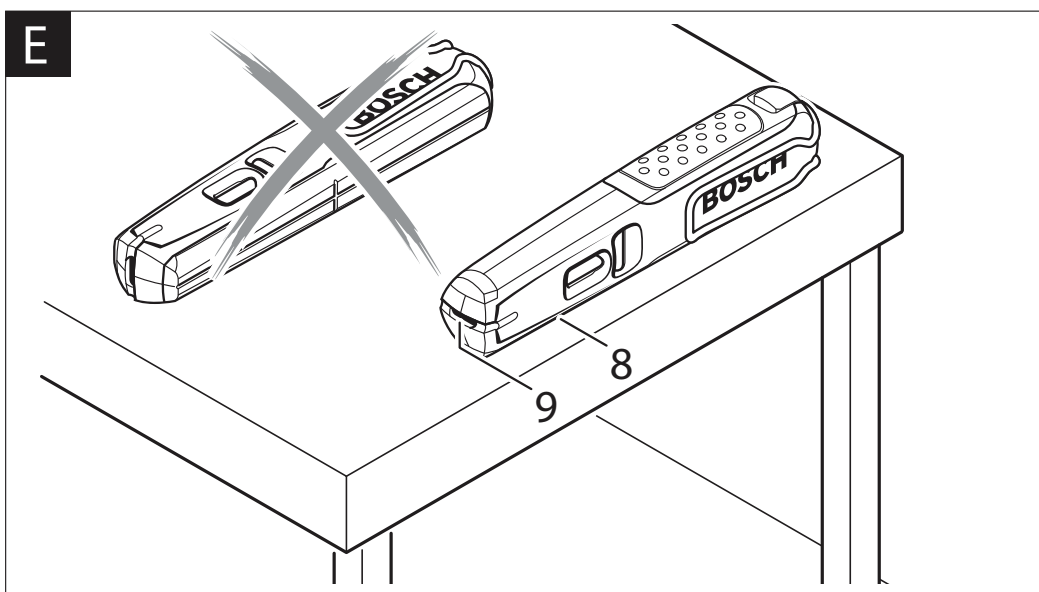
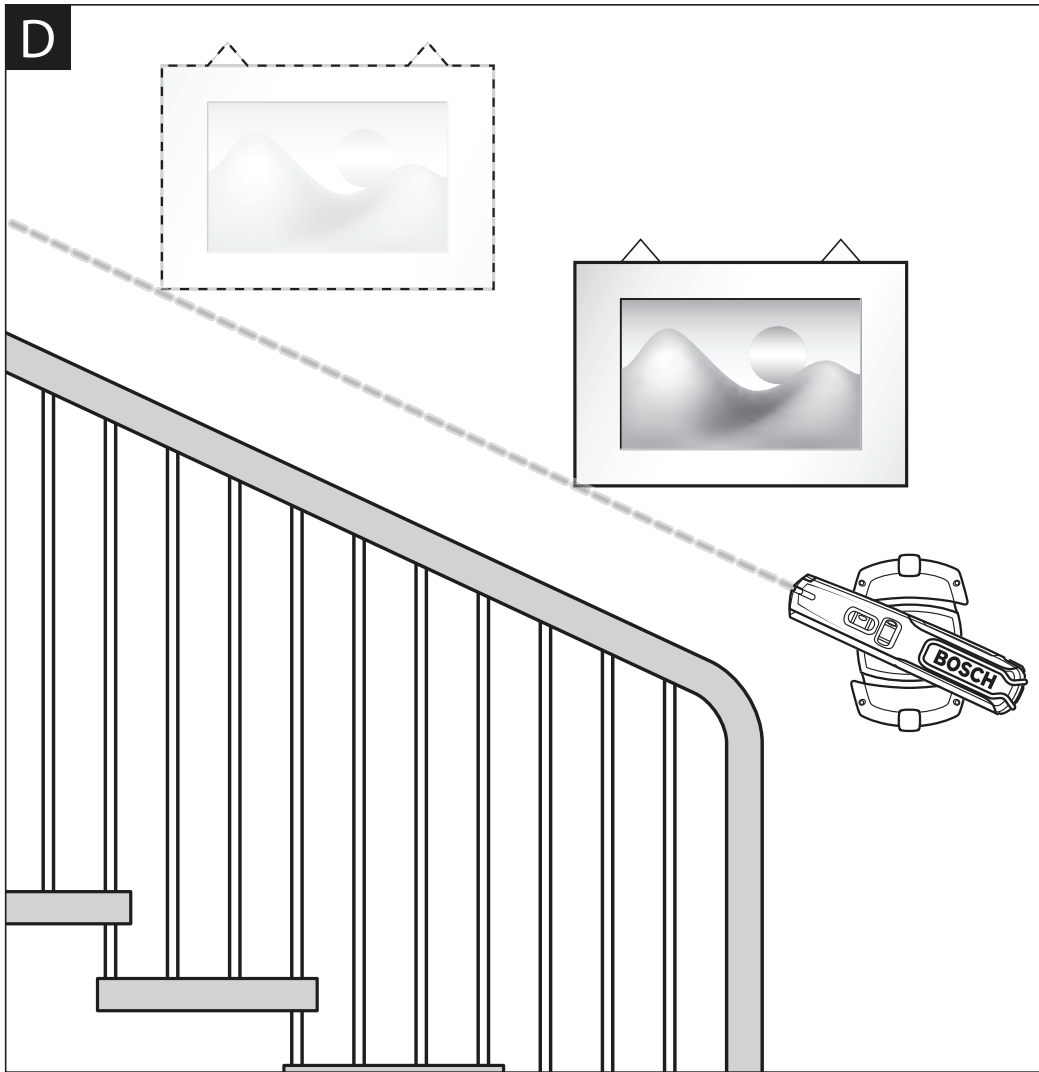
**Llame gratis para
obtener información
para el consumidor
y ubicaciones
de servicio**

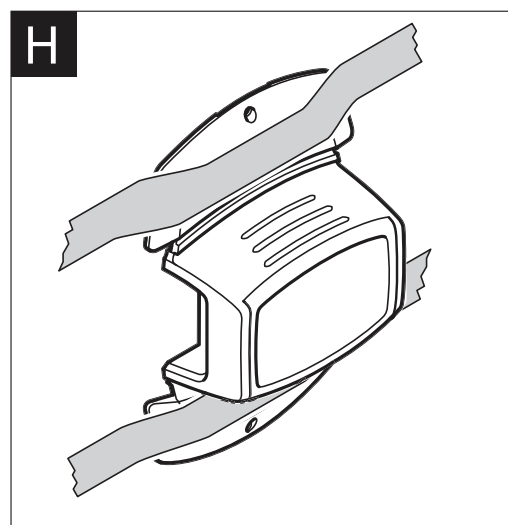
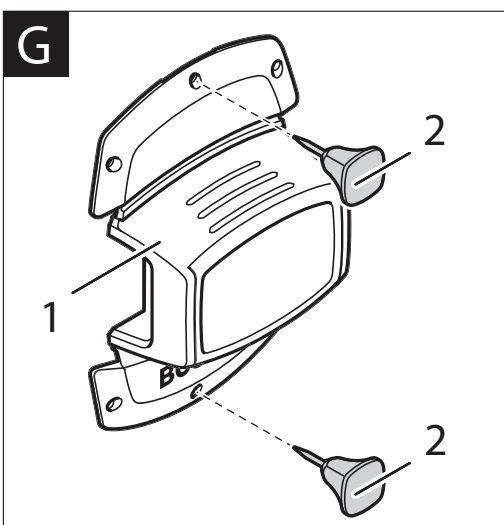
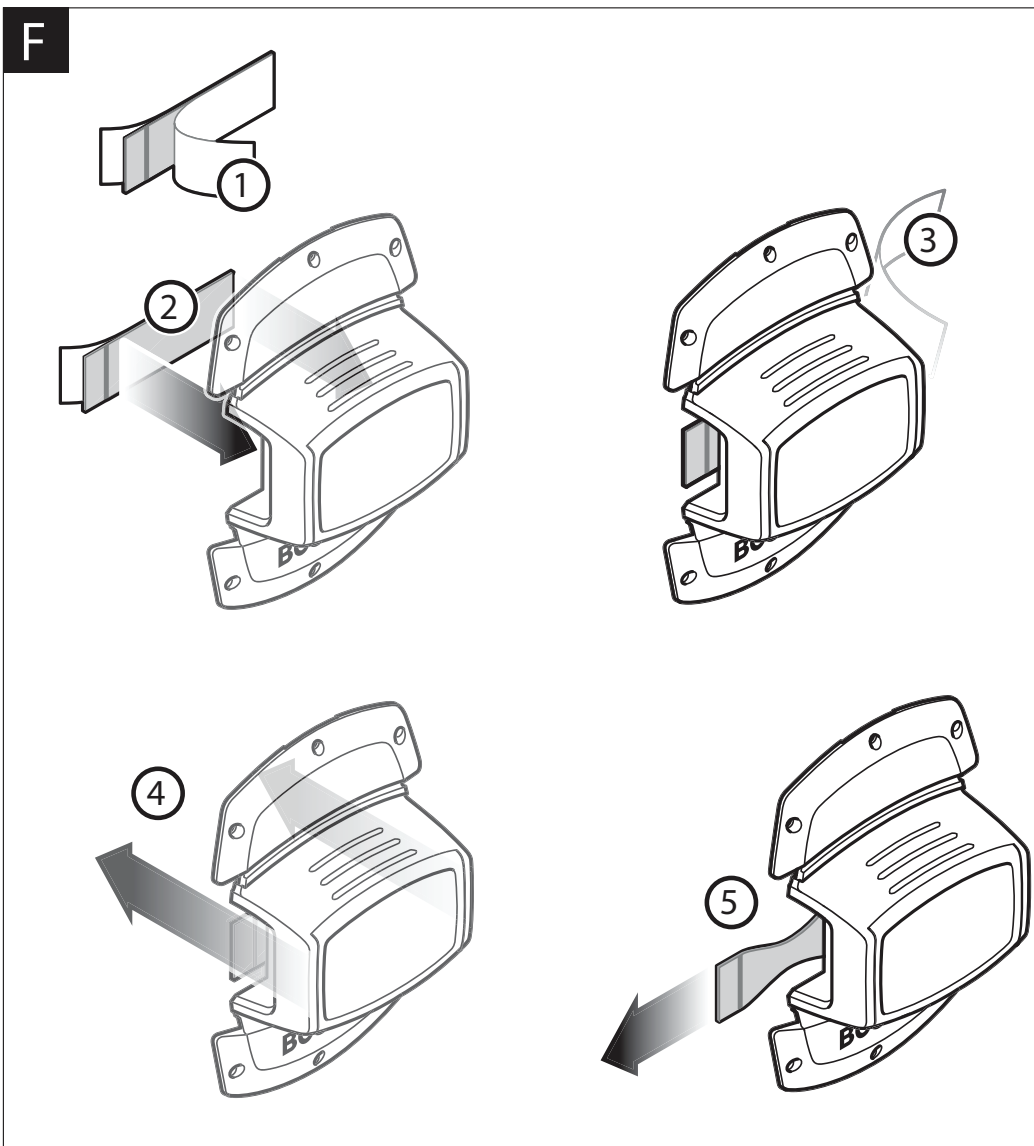


For English Version









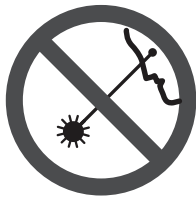
General Safety Rules

WARNING

Read all instructions. Failure to follow all instructions listed below may result in hazardous radiation exposure, electric shock, fire and/or serious injury. The term “tool” in all of the warnings listed below refers to your mains-operated (corded) tool or battery-operated (cordless) tool.

WARNING

The following labels are on your laser tool for your convenience and safety. They indicate where the laser light is emitted by the tool. ALWAYS BE AWARE of their location when using the tool.



Do not direct the laser beam at persons or animals and do not stare into the laser beam yourself. This tool produces laser class 2 laser radiation and complies with 21 CFR 1040.10 and 1040.11 except for deviations pursuant to Laser Notice No. 50, dated June 24, 2007. This can lead to persons being blinded.

Changes or modifications to this equipment not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

CAUTION Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

DO NOT remove or deface any warning or caution labels. Removing labels increases the risk of exposure to laser radiation.

ALWAYS make sure that any bystanders in the vicinity of use are made aware of the dangers of looking directly into the laser tool.

DO NOT place the laser tool in a position that may cause anyone to stare into the laser beam intentionally or unintentionally. Serious eye injury could result.

ALWAYS position the laser tool securely. Damage to the laser tool and/or serious injury to the user could result if the laser tool fails.

ALWAYS use only the accessories that are recommended by the manufacturer of your laser tool. Use of accessories that have been designed for use with other laser tools could result in serious injury.

DO NOT use this laser tool for any purpose other than those outlined in this manual. This could result in serious injury.

DO NOT leave the laser tool “ON” unattended in any operating mode.

DO NOT disassemble the laser tool. There are no user serviceable parts inside.

DO NOT modify the product in any way. Modifying the laser tool may result in hazardous laser radiation exposure.

DO NOT use the laser viewing glasses as safety goggles. The laser viewing glasses are used for improved visualization of the laser beam, but they do not protect against laser radiation.

DO NOT use the laser viewing glasses as sun glasses or in traffic. The laser viewing glasses do not afford complete UV protection and reduce color perception.

DO NOT use any optical tools such as, but not limited to, telescopes or transits to view the laser beam. Serious eye injury could result.

DO NOT stare directly at the laser beam or project the laser beam directly into the eyes of others. Serious eye injury could result.

SAVE THESE INSTRUCTIONS

Work area safety

Keep work area clean and well lit. Cluttered or dark areas invite accidents.

DO NOT operate the laser tool around children or allow children to operate the laser tool. Serious eye injury could result.

Electrical safety



Batteries can explode or leak, cause injury or fire. To reduce this risk, always follow all instructions and warnings on the battery label and package.

DO NOT short any battery terminals.

DO NOT charge alkaline batteries.

DO NOT mix old and new batteries. Replace all of them at the same time with new batteries of the same brand and type.

DO NOT mix battery chemistries. Dispose of or recycle batteries per local code.

DO NOT dispose of batteries in fire. Keep batteries out of reach of children.

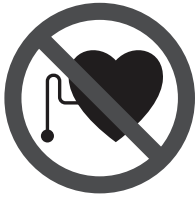
Remove batteries if the device will not be used for several months.

Personal safety

Stay alert, watch what you are doing and use common sense when operating a tool. Do not use a tool while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating a tool may result in serious personal injury or incorrect measurement results.

Use safety equipment. Always wear eye protection. Safety equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.

Mounting Magnets



Keep the tools mounting magnets away from cardiac pacemakers. The magnets 14 generate a field that can impair the function of cardiac pacemakers.

- **Keep the tools mounting magnets away from magnetic data medium and magnetically-sensitive equipment.** The effect of the magnets 14 can lead to irreversible data loss.

Use and care

Use the correct tool for your application. The correct tool will do the job better and safer.

Do not use the tool if the switch does not turn it on and off. Any tool that cannot be controlled with the switch is dangerous and must be repaired.

Store idle tool out of the reach of children and do not allow persons unfamiliar with the tool or these instructions to operate the tool. Tools are dangerous in the hands of untrained users.

Maintain tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the operation. If damaged, tool repaired before use. Many accidents are caused by poorly maintained tools.

Use the tool, accessories, etc., in accordance with these instructions and in the manner intended for the particular type of tool, taking into account the working conditions and the work to be performed. Use of the tool for operations different from those intended could result in a hazardous situation.

Service

Have your tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the tool is maintained.

Develop a periodic maintenance schedule for tool. When cleaning a tool be careful not to disassemble any portion of the tool since internal wires may be misplaced or pinched or may be improperly mounted. Certain cleaning agents such as gasoline, carbon tetrachloride, ammonia, etc. may damage plastic parts.

SAVE THESE INSTRUCTIONS.

Intended Use

The tool is intended for determining and indicating exact horizontal and vertical lines. It is also suitable for checking plumb lines and horizontal partitions or surfaces.

The tool is suitable exclusively for operation in enclosed working sites.

Preparation

Inserting/Replacing the Battery

Use only alkali-manganese batteries.

To open the battery lid **11**, press the latch **10** in the direction of the arrow and remove the battery lid. Insert the batteries provided. Pay attention to the correct polarity of the batteries according to the representation in the battery compartment.

Always replace all batteries at the same time. Only use batteries from one brand and with the identical capacity.

- **Remove the batteries from the tool when not using it for extended periods.** When storing for extended periods, the batteries can corrode and discharge themselves.

Features

The numbering of the product features shown refers to the illustration of the tool on the graphic page.

- 1** Wall holder
- 2** Pin
- 3** Metal plate of the wall holder
- 4** Adhesive tape strip*
- 5** Belt clip
- 6** Spirit level for vertical alignment
- 7** Spirit level for horizontal alignment
- 8** Aluminium supporting surface
- 9** Exit opening for laser beam
- 10** Latch of battery lid
- 11** Battery lid
- 12** Supporting points
- 13** Laser warning label
- 14** Magnets
- 15** On/Off switch

* Accessories shown or described are not part of the standard delivery.

Technical Data

Working range (typical)*	16ft (5m)
Leveling accuracy**	±3/64 in. at 3.3ft (±1mm/m)
Operating temperature	41°F ~104°F (5°C ~ +40°C)
Storage temperature	- 4°F ~158°F (- 20°C ~ +70°C)
Relative air humidity, max.	90 %
Laser class	2
Laser type	635 nm, < 2mW
Batteries	2 x 1.5 V AAA
Weight	0.26lb (0.12 kg)
Dimensions	5-5/8" x 1-1/16" x 1-3/16" (142 x 27 x 30mm)

* when using the wall holder 1; under unfavourable conditions .
such as intense sun irradiation, the working range is smaller

** when the tool is positioned correctly (see "Positioning the
Tool", page 11)

Please observe the article number on the type plate of your tool.
The trade names of the individual tools may vary.

Operation

Initial Operation

- **Protect the tool against moisture and direct sun irradiation.**
- **Do not subject the tool to extreme temperatures or variations in temperature.**
As an example, do not leave it in vehicles for longer periods. I
in case of large variations in temperature, allow the tool to
adjust to the ambient temperature before putting it
into operation.
- **Avoid heavy impact to or falling down of the tool.**
Damage to the tool can impair its accuracy. After heavy
impact or shock, compare the laser line with a known
horizontal or vertical reference line.

Switching On and Off

To **switch on** the tool, press the On/Off button **15**. Immediately after switching on, the tool sends a laser beam out of the exit opening **9**.

- **Do not point the laser beam at persons or animals and do not look into the laser beam yourself, not even from a large distance.**

To **switch off** the tool, press the On/Off button **15** again.

- **Do not leave the switched on tool unattended and switch the tool off after use.** Other persons could be blinded by the laser beam.

Leveling Functions

Note: The specified leveling accuracy applies for the alignment of the laser beam with reference to the spirit levels **6** and **7**.

Positioning the Tool (see figure A)

For precise alignment with the spirit levels, the position of the tool is important.

The specified leveling accuracy is only achieved when the tool is correctly positioned:

- For horizontal alignment with the spirit level **7**, the aluminium supporting surface **8** of the tool must face downward.
- For vertical alignment with the spirit level **6**, the exit opening for the laser beam **9** must face upward.

Aligning with the Laser Line

Horizontal Alignment (see figures B and C): Position the tool with the three supporting points **12** against the wall or with help of the magnets **14**, fasten it to the wall holder **1** or to another magnetic surface. The aluminium supporting surface **8** of the tool must face downward. Align the tool horizontally with help of the spirit level **7**. Picture frames or tiles, as an example, can be aligned alongside the horizontal laser line.

Vertical Alignment (see figure C): Position the tool with the three supporting points **12** against the wall or with help of the magnets **14**, fasten it to the wall holder **1** or to another magnetic surface. The exit opening for the laser beam **9** must face upward. Align the tool vertically with help of the spirit level **6**. Top and bottom cabinets, as an example, can be aligned alongside the vertical laser line.

Alignment off of Reference Points (see figure D): Position the tool with the three supporting points **12** against the wall or with help of the magnets **14**, fasten it to the wall holder **1** or to another magnetic surface. Turn the tool to any angle in order to

align the laser beam to the reference points. In this manner, as an example, picture frames can be hung parallel to a stairway or ceiling pitch.

Checking Horizontal/Vertical Lines with the Spirit Levels (see figure E)

The tool can be used as a contractors level for checking horizontal or vertical lines, e.g., for the level set-up of a washer or a refrigerator. Position the tool with the aluminium supporting surface **8** facing against the surface to be checked. When positioning against horizontal surfaces, the aluminium supporting surface **8** must face downward. When positioning against vertical surfaces, the exit opening for the laser beam **9** must face upward.

Working Advice

- **Keep the adhesive tape strips 4 out of the reach of small children.** Children could mistake the strips with chewing gum.

Mounting to a Wall

Four fastening methods are available for fastening the wall holder to different surfaces:

- **Fastening with Adhesive Tape Strips** (see figure F): With the removable adhesive tape strips **4**, the wall holder can be fastened to sensitive or delicate structural materials without causing damage to them. The structural surface must be straight, firm, dry, grease-free and have a temperature of at least 15 °C . Pull off one of the protective foils from an adhesive tape strip (**①**) and position the adhesive tape strip onto the back side of the wall holder (**②**) in such a manner that its end projects out. Pull off the second protective foil (**③**) and firmly press the wall holder with the adhesive tape strip against the structural surface (**④**) for at least five seconds. To remove the wall holder, pull out the adhesive tape strip by the projecting end slowly and as parallel as possible to the structural surface (**⑤**).
- **Fastening with Pins** (see figure G): With the pins **2** provided, the wall holder can be fastened to drywall or wooden walls. Insert the pins through the openings in the wall holder as shown in the figure.
- **Fastening with a Screw:** Place the wall holder **1** via the opening on the back side onto a screw that projects lightly out of the wall.
- **Fastening with Adhesive Tape** (see figure H): The wall holder can also be fastened with commercially available adhesive tape (not included in the delivery scope) as shown in the figure.

For all four fastening methods, pay attention that the wall holder **1** is fastened securely to the structural surface. Faulty measurements can result when the wall holder slips away.

Attach the tool via the magnets **14** onto the metal plate **3** of the wall holder **1**.

Belt Clip

With the belt clip **5**, the tool, as an example, can be hooked to a belt and is always at hand.

Maintenance and Service

- **Check the tool each time before using.** In case of visible damage or loose components in the interior of the tool, the safe function is no longer ensured.

Keep the tool clean and dry at all times to ensure proper and safe working.

Do not immerse the tool into water or other fluids.

Wipe off debris using a moist and soft cloth. Do not use any cleaning agents or solvents.

If the tool should fail despite the care taken in manufacturing and testing procedures, repair should be carried out by an authorized after- sales service center for Bosch power tools.

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

ENVIRONMENT PROTECTION

Recycle raw materials & batteries instead of disposing of waste. The unit, accessories, packaging & used batteries should be sorted for environmentally friendly recycling in accordance with the latest regulations.



LIMITED WARRANTY OF BOSCH LASER AND MEASURING TOOL PRODUCTS

Robert Bosch Tool Corporation ("Seller") warrants to the original purchaser only, that all BOSCH laser and measuring tool products will be free from defects in material or workmanship for a period of three (3) years from date of purchase.

SELLER'S SOLE OBLIGATION AND YOUR EXCLUSIVE REMEDY under this Limited Warranty and, to the extent permitted by law, any warranty or condition implied by law, shall be the repair or replacement of laser and measuring tool products, which are defective in material or workmanship and which have not been misused, carelessly handled, or misrepaired by persons other than Seller or Seller Authorized Service providers.

SELLER'S OBLIGATION AND YOUR REMEDY ARE FURTHER LIMITED AS FOLLOWS:

- **30-Day Money Back Refund or Replacement.** If you are not completely satisfied with the performance of your laser or measuring tool product, for any reason, you can return it to BOSCH within 30 days of the date of purchase for a full refund or replacement. To obtain this 30-Day Refund or Replacement, your return must be accompanied by the original receipt for purchase of the laser or measuring tool product. A maximum of 2 returns per customer will be permitted.

- **FirstYear-OTC Warranty.** BOSCH will replace your laser or measuring tool product that has failed when used in conformance with product instructions and warnings, with a new laser or measuring tool product of comparable features, for free, any time during the first year after purchase. This warranty does not apply if your laser or measuring tool product fails solely due to the need for recalibration.

- **2- and 3-Year Exchange.** BOSCH will replace your laser or measuring tool product that has failed when used in conformance with product instructions and warnings, with a new or reconditioned laser or measuring tool product of comparable features, for an exchange cost. This warranty does not apply if your laser or measuring tool product fails solely due to the need for recalibration.

For details to make a claim under this Limited Warranty please visit.

ANY IMPLIED WARRANTIES SHALL BE LIMITED IN DURATION TO ONE YEAR FROM DATE OF PURCHASE. SOME STATES IN THE U.S., AND SOME CANADIAN PROVINCES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

IN NO EVENT SHALL SELLER BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES (INCLUDING BUT NOT LIMITED TO LIABILITY FOR LOSS OF PROFITS) ARISING FROM THE SALE OR USE OF THIS PRODUCT.

SOME STATES IN THE U.S., AND SOME CANADIAN PROVINCES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE IN THE U.S., OR PROVINCE TO PROVINCE IN CANADA AND FROM COUNTRY TO COUNTRY.

THIS LIMITED WARRANTY APPLIES ONLY TO PRODUCTS SOLD WITHIN THE UNITED STATES OF AMERICA, CANADA AND THE COMMONWEALTH OF PUERTO RICO. FOR WARRANTY COVERAGE WITHIN OTHER COUNTRIES, CONTACT YOUR LOCAL BOSCH DEALER OR IMPORTER.