

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

GPL5



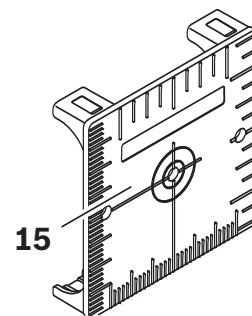
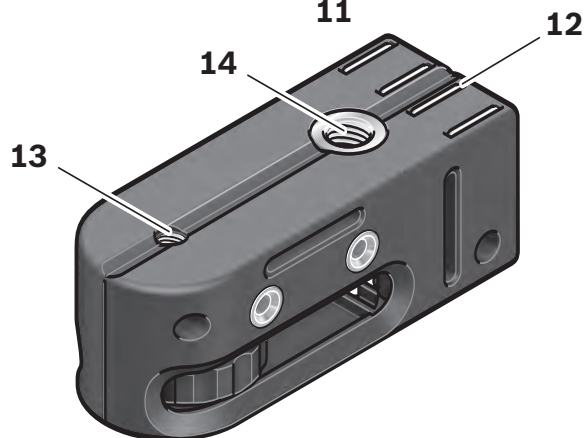
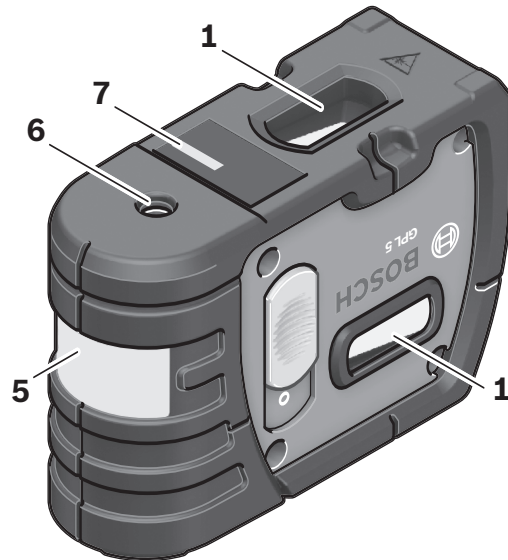
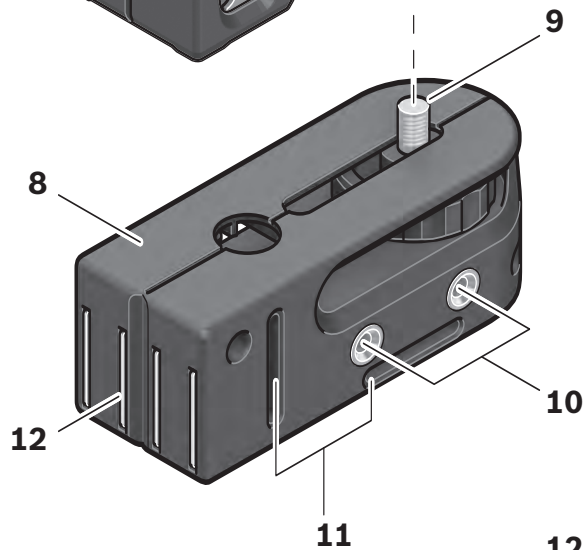
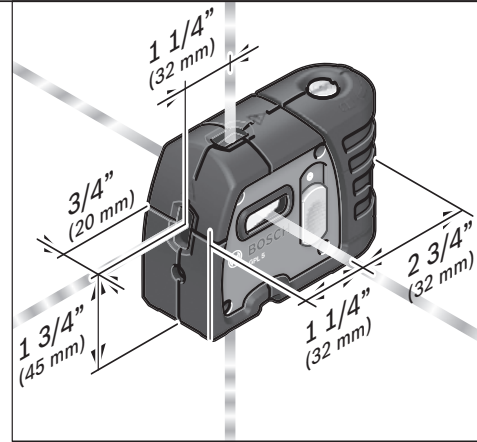
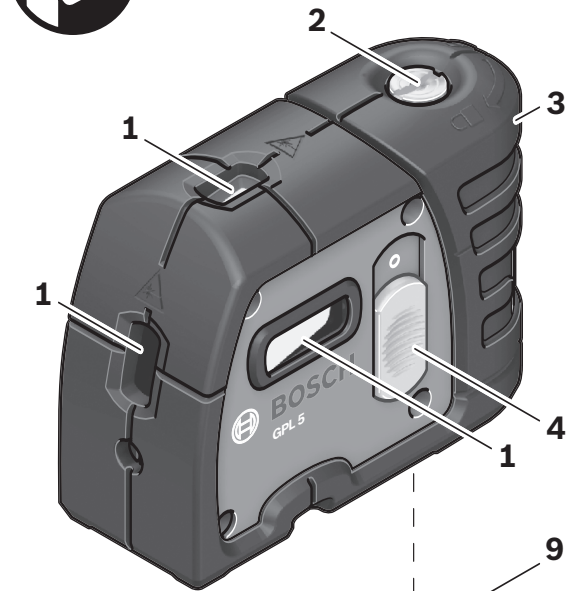
BOSCH

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**For English Version
See page 4**



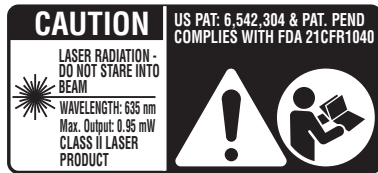
General Safety Rules



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 II 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.

Use of controls or adjustments or performance of procedures other than those specified in this manual, may result in hazardous radiation exposure.

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

⚠ WARNING 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.

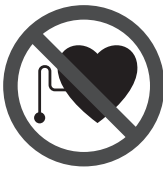
Remove batteries if the device will not be used for several months.

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.

Multiple-Purpose Attachment



Keep the multiple-purpose attachment 8 away from cardiac pacemakers. The magnets 12 generate a field that can impair the function of cardiac pacemakers.

- **Keep the multiple-purpose attachment 8 away from magnetic data medium and magnetically-sensitive equipment.** The effect of the magnets 12 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

This tool projects plumb and horizontal points and is intended for accurate transfer and alignment of plumb, level, graded and 90-degree points

Preparation

Inserting/Replacing the Battery

Alkaline batteries are recommended for the tool.

To open the battery compartment **3**, turn the latch **2** in clockwise direction to position  and pull off the battery lid. Insert the batteries provided.

When inserting, pay attention to the correct polarity according to the representation on the inside of the battery compartment.

Position the battery lid to the bottom of the housing and then push it upward. To lock the battery lid, turn the latch **2** in

counterclockwise direction to the  position.

When the laser beams flash slowly during operation, the batteries are low. When the flashing begins, the tool can be operated for approx. 8 h.

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** Exit opening for laser beam
- 2** Latch of battery lid
- 3** Battery lid
- 4** On/Off switch
- 5** Laser warning label
- 6** Tripod mount 5/8-11
- 7** Serial number
- 8** Multi-Purpose Attachment
- 9** Locking screw for Multi-Purpose Attachment
- 10** Screw holes of Multi-Purpose Attachment

- 11** Opening for strap attachment
- 12** Magnets
- 13** 1/4-20 tripod mount on Multi-Purpose Attachment
- 14** 5/8-11 tripod mount on Multi-Purpose Attachment
- 15** Measurement plate with stand*
- 16** Protective Case "not shown"
- 17** Laser viewing glasses
- 18** Tripod*

*The accessories illustrated or described are not included as standard delivery.

Technical Data

Working range (typical)	100 ft (30m)	Laser class	II
		Laser type	635 nm, <1 mW
Leveling Accuracy		Tripod mount	5/8-11
Minimum Factory Accuracy	+/- 0.3mm/m (0.0036in/ft)	Batteries	4 x 1.5 V LR6 (AA)
Typical Accuracy	up to 1/4 at 100 ft	Operating lifetime, approx.	24 h
Self-leveling range (typical) alongside the		Weight according to EPTA-Procedure 01/2003	1.6lb (725g)
– longitudinal axis	up to $\pm 5^{\circ}$	Dimensions	5.7" x 4.3" x 2.4" (143x 110 x 60mm)
– lateral axis	$\pm 3^{\circ}$		
Operating temperature	14 °F... 122 °F (-10 °C ... +50 °C)	Please observe the article number on the type plate of your tool. The trade names of the individual tools may vary.	
Storage temperature	-4 °F... 158 °F (-20 °C ... +70 °C)		
Relative air humidity, max.	90 %	The tool can be clearly identified with the serial number 7 on the type plate.	

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. In case of large variations in temperature, allow the tool to adjust to the ambient temperature before putting it into operation. In case of extreme temperatures or variations in temperature, the accuracy of the tool can be impaired.
- **Avoid heavy impact or falling of the tool.** After heavy exterior impact on the tool, an accuracy check should always be carried out before continuing to work (see "Leveling Accuracy").
- **Switch the tool off during transport.** When switching off, the leveling unit, which can be damaged in case of intense movement, is locked.

Switching On and Off

To **switch on** the tool, push the On/Off switch **4** forward so that **"I"** is indicated on the switch. Immediately after switching on, the tool sends a laser beam out of each exit opening **1**.

- **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, push the On/Off switch **4** backward so that **"0"** is indicated on the switch. When switching off, the leveling unit is locked.

Setting the Automatic Switch-off

By default, the tool automatically shuts off 20 minutes after being switched on. The automatic switch-off can be set from 20

minutes to 8 hours. For this, switch the tool on, then immediately off, and then on again within 4 s. To confirm the change, all laser beams will flash quickly for 2 s after switching on the second time.

- **Do not leave the switched on tool unattended and switch the tool off after use.** Other persons could be blinded by the laser beam. When switching on the tool the next time, the automatic switch-off is set to 20 minutes again.

Working with Automatic Leveling

Position the tool on a level and firm support, attach it to the holder **8** or to the tripod **18**.

After switching on, the automatic leveling function automatically compensates irregularities within the self-leveling range from $\pm 5^\circ$ (longitudinal axis) and $\pm 3^\circ$ (lateral axis). The leveling is finished as soon as the laser points do not move any more.

If the automatic leveling function is not possible, e.g. because the surface on which the tool stands deviates by more than 5° (or 3° from the horizontal plane) the laser beams flash rapidly.

In this case, bring the tool to the level position and wait for the self-leveling to take place. As soon as the tool is within the self-leveling range of $\pm 5^\circ$ or $\pm 3^\circ$ respectively, all laser beams light up continuously again.

In case of ground vibrations or position changes during operation, the tool is automatically levelled in again. To avoid errors by moving the tool, check the position of the laser beams with regard to the reference points upon re-leveling.

Working Advice

- **Always use the center of the laser point for marking.** The size of the laser point changes with the distance

Leveling Accuracy

Influences on Accuracy

The ambient temperature has the greatest influence. Especially temperature differences occurring from the ground upward can divert the laser beam.

As thermal fluctuation is largest close to the ground, the tool, if possible, should be mounted on a commercially available tripod and placed in the center of the working area.

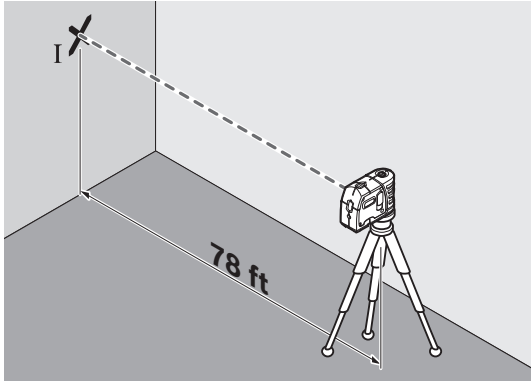
Apart from exterior influences, device-specific influences (such as heavy impact or falling down) can lead to deviations. Therefore, check the accuracy of the tool each time before starting your work.

Should the tool exceed the maximum deviation during one of the tests, see recalibration procedure or have it recalibrated by a Bosch after-sales service center.

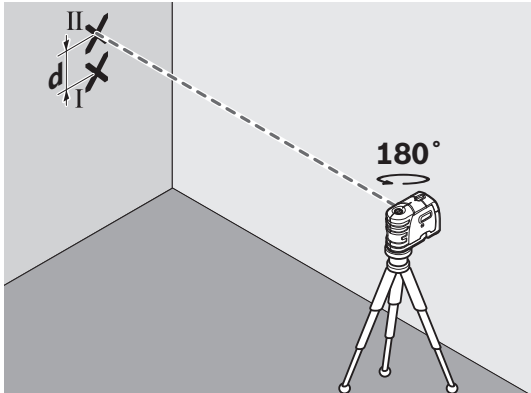
Checking the Horizontal Leveling Accuracy of the Lateral Axis

A free measuring distance of 78 ft on a firm surface in front of a wall is required for the check.

- Mount the measuring tool onto the multi-purpose attachment or a tripod, or place it on a firm and level surface at a distance of 78 ft to the wall. Switch the tool on.



- Direct one of the two lateral laser beams, that run alongside the lateral axis of the tool, at the wall. Allow the tool to level in. Mark the center of the laser beam on the wall (point I).



- Rotate the measuring tool by approx. 180° without changing its height. Allow it to level in and mark the center point of the other lateral laser beam on the wall (point II). Take care that point II is as vertical as possible above or below point I.
- The difference d of both marked points I and II on the wall results in the actual height deviation of the tool alongside the lateral axis.

On the measuring distance of $2 \times 78 \text{ ft} = 156 \text{ ft}$, the maximum allowable deviation is:

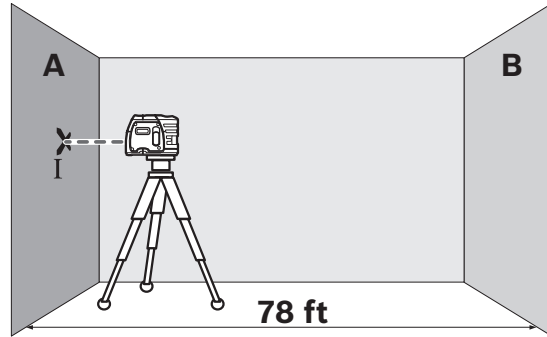
$$156 \text{ ft} \times \pm 0.0036 \text{ in/ft} = \pm 9/16 \text{ in } (.563).$$

Thus, the difference d between points I and II may not exceed 9/16 in (max.).

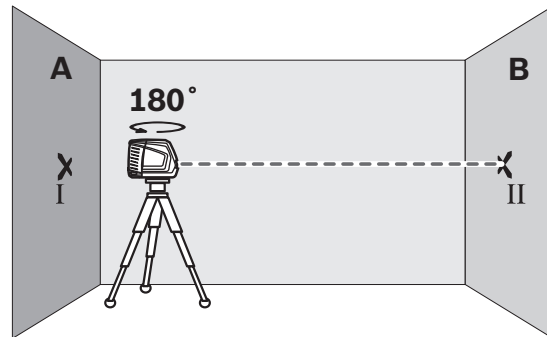
Checking the Horizontal Leveling Accuracy of the Longitudinal Axis

A free measuring distance of approximately 78 ft on a firm surface between two walls A and B is required for the check.

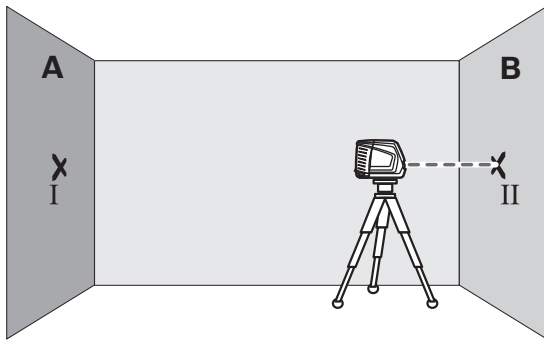
- Mount the tool onto the multi-purpose attachment or a tripod, or place it on a firm and level surface close to wall A. Switch the tool on.



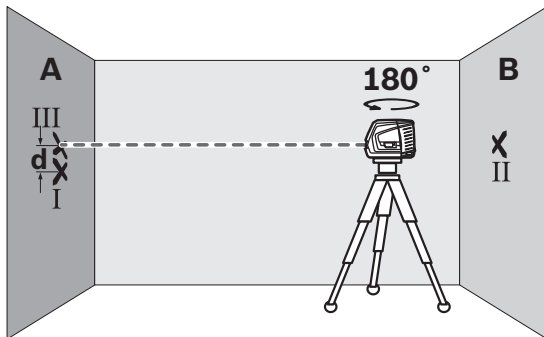
- Direct the horizontal laser beam against the close wall A and allow the measuring tool to level in. Mark the center of the laser beam on the wall (point I).



- Turn the tool around by 180°, allow it to level in and mark the center point of the laser beam on the opposite wall B (point II).
- Without turning the tool, position it close to wall B. Switch the tool on and allow it to level in.



- Align the height of the tool (using the tripod or by underlaying, if required) in such a manner that the center point of the laser beam is projected exactly against the previously marked point II on wall B.



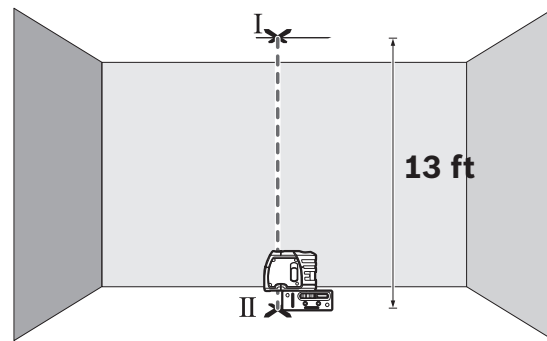
- Rotate the tool by 180° without changing the height. Allow it to level in and mark the center point of the laser beam on wall A (point III). Take care that point III is as vertical as possible above or below point I.
- The difference d of both marked points I and III on wall A indicates the actual height deviation of the tool.

On the measuring distance of $2 \times 78 \text{ ft} = 156 \text{ ft}$, the maximum allowable deviation is:
 $156 \text{ ft} \times \pm 0.0036 \text{ in/ft} = \pm 9/16 \text{ in} (.563)$.
 Thus, the difference d between points I and III should not exceed 9/16 in (max.).

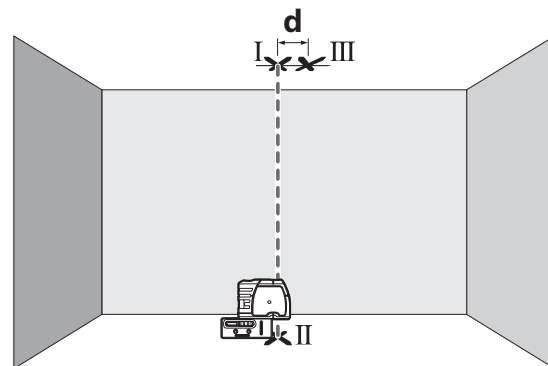
Checking the Vertical Leveling Accuracy

For this check, a free measuring distance of approx. 13 ft between floor and ceiling on a firm surface is required.

- Draw a straight line on the ceiling.
- Mount the tool to the multi-purpose attachment or a tripod. Switch the tool on and rotate it in such a manner that the bottom plumb beam can be seen on the floor.



- Position the tool in such a manner that the upper plumb beam points against the line on the ceiling. Allow the tool to level in. Mark the center of the upper laser point on the line on the ceiling (point I). Also, mark the center of the laser point on the floor (point II).



- Rotate the tool by 180°. Position it in such a manner that the center of the bottom laser point is directed on the already marked point II and the upper laser point is directed against the line on the ceiling. Allow the tool to level in. Mark the center of the upper laser point on the line on the ceiling (point III).
- The difference d of both marked points I and III on the ceiling results in the actual deviation of the tool to the plumb line.

On the measuring distance of $2 \times 13 \text{ ft} = 26 \text{ ft}$, the maximum allowable deviation is:

$$26 \text{ ft} \times \pm 0.0036 \text{ in/ft} = \pm 3/16 \text{ in}.$$

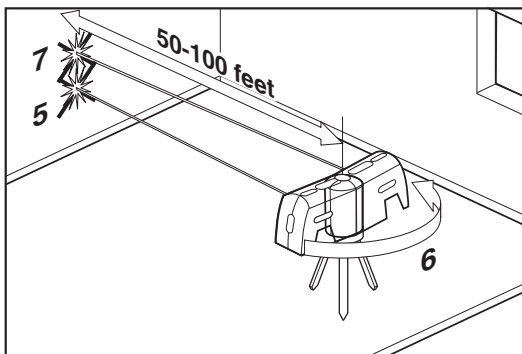
Thus, the difference d between points I and III should not exceed 3/16 in (max.).

Recalibration Procedure

All tools are calibrated when processed through the Bosch quality control program. This process assures that the customer receives a superior product which conforms to the Product Specifications. Although tools have been calibrated before reaching our customers, it contains many precision machined parts which may be affected if the instrument is subjected to abuse. Therefore, if the device is ever dropped or sustains

significant impact, the user should check calibration by following these steps:

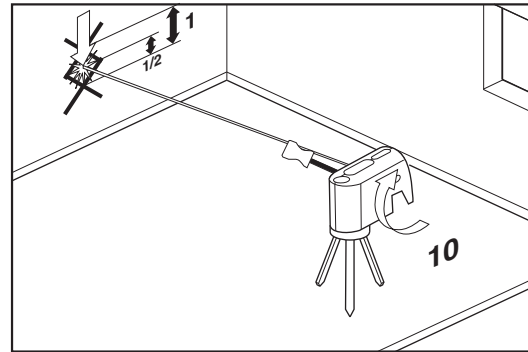
1. Select a site to be used as a calibration range that will allow the tool to be placed between two smooth vertical surfaces directly opposite each other at a 100' distance. (50' minimum)
2. Remove the two calibration plugs on the rear and side of tool with a flathead screwdriver. Set the plugs where they will not be lost.
3. Set tool on a level surface at one end of the range.
4. Set the tool in calibration mode by pushing the power switch into the CAL (override) position and holding for 5 seconds or more. The laser beams will flash rapidly indicating that the unit is in Calibration mode when the power switch has been held in the override position for 5 seconds or more. The laser beams will continue to flash rapidly until the power switch has been released from the CAL (override) position. When the power switch has been released from the CAL (override) position the laser beams will remain in a fast flash if the unit is level. If the unit is out-of-level, the laser beams will flash slowly until the device has reached a level position. To exit Calibration mode, push the power switch into the CAL (override) position and hold for 5 seconds. The laser beams will flash rapidly for the 5 seconds until it exits calibration mode. You can also exit Calibration mode by turning the power switch to the off position, waiting 2 seconds and back on for normal operation. Once out of calibration mode, the laser beams will remain steady if the device is level or the beams will flash slowly if the device is out-of-level. Release the power switch from the CAL(override) position. The unit then operates normally.



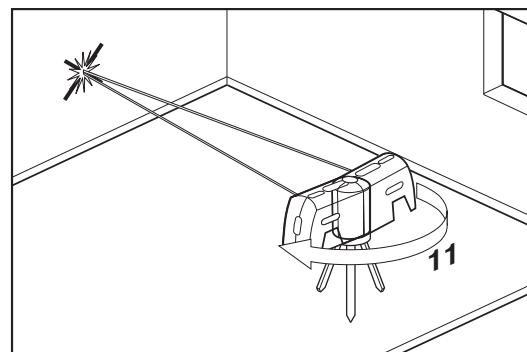
5. When in Calibration mode, position the side laser beam (on the calibration port side) on the vertical surface at the

opposite end of the range and mark this point on the surface. Verify that the laser beams are flashing fast confirming that the device is level and in calibration mode.

6. Rotate tool around 180 degrees, taking care not to change the height of the device.
7. Position the other side laser beam on the same vertical surface and mark this point on the surface. Verify that the laser beams are flashing fast confirming that the device is level and in calibration mode.
8. If this second mark is positioned at the same height as the mark made in step 5, proceed to step 14, otherwise, proceed to the next step.
9. The goal of the next few steps is to position both side beams at a height halfway between the marks made in step 5 and in step 7.

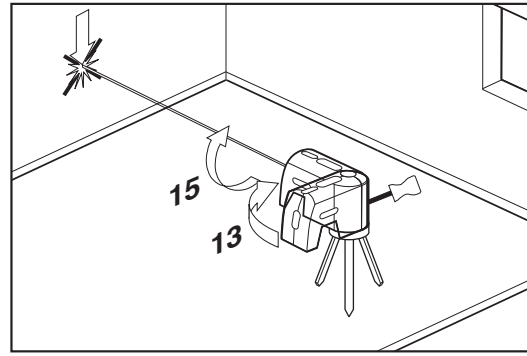


10. Insert the provided tool into the side calibration port. Locate the calibration screw and rotate it in a clockwise direction to lower the beam or in the counter clockwise direction to raise the beam. Ensure that the beam is at a height exactly halfway between the marks made in Steps 5 and 7. Mark this point on the surface.



11. Repeat Steps 6 through 10 to confirm the calibration of the side beams and proceed to the next step.

12. Rotate the tool around 90 degrees and position the front laser beam on the vertical surface. Compare the height of this beam with the height of the calibrated side beams. If the height of this beam matches the height of the side beams, calibration is complete and you may exit calibration mode. To exit Calibration mode, push the power switch into the CAL (override) position and hold for 5 seconds. The laser beams will flash rapidly for the 5 seconds until it exits calibration mode. Once out of calibration mode, the laser beams will remain steady if the device is level or the beams will flash slowly if the device is out-of-level. Release the power switch from the CAL(override) position. You can also exit calibration mode by turning the power switch to the off position and back on for normal operation. If the front beam does not match the side beams, proceed to the next step.
13. The goal of the next step is to position the front beam at the same height as the last mark to be made in the previous steps or at the same height as the calibrated side beams. Verify that the laser beam are flashing fast confirming that the device is level and in calibration mode.



14. Insert provided tool into the back calibration port. Locate the calibration screw and rotate it in a clockwise direction to the raise the beam or in the counter-clockwise direction to lower the beam.
15. Turn the tool and check the height of the front beam again.
16. Repeat steps 13 through 15 until the front beam matches the height of the two calibrated side beams and proceed to the next step.
17. Insert and screw the calibration plugs back into the tool. Calibration is complete. Once out of calibration mode, the laser beams will remain steady if the device is level or the beams will flash slowly if the device is out-of-level. Release the power switch from the CAL(override) position. You can also exit calibration mode by turning the power switch to the off position, waiting 2 seconds and back on for normal operation.

Applications

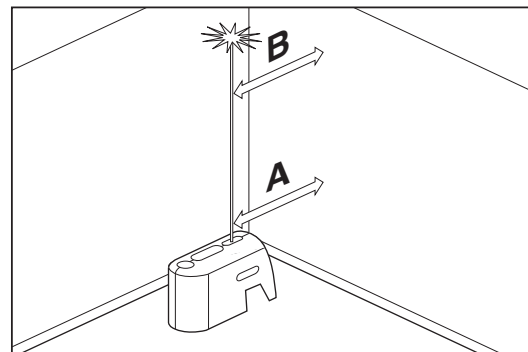
Plumbing a surface

1. Position tool close to the surface to be plumbed.
2. Turn on tool.
3. Measure distance A at a point relatively close to tool and make a note of the distance.
4. Measure distance B at a point further away from tool and make a note of the distance.

Note: The greater the distance between the two points of measurement, the greater the accuracy.

5. Compare distance A with distance B. If distance A equals distance B, then the surface is plumb. If distance A does not equal distance B, then the surface is not plumb and should be corrected.

Plumb

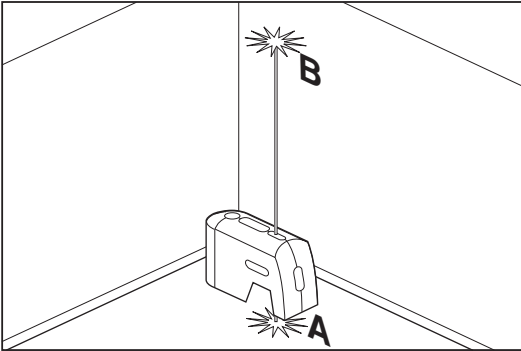


Transferring points with the plumb beam

1. Mark the point to be transferred (labeled A in this illustration).
2. Use the Mounting accessory or a Tripod to position the plumb down beam over point A.
3. The plumb up beam will transfer this point along a perfectly vertical axis to point B.
4. Mark point B.

Note: This process may be reversed.

Plumb Transfer

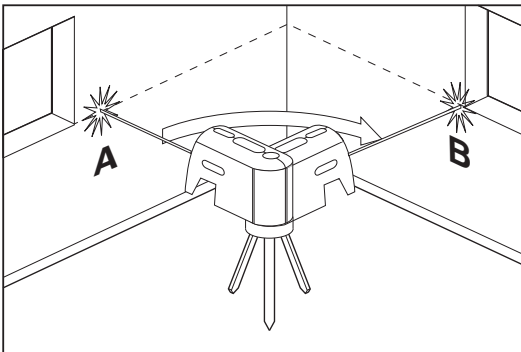


Leveling

1. Adjust the height of tool using the mounting accessory or a tripod so that the horizontal beam hits a reference point (labeled A in this illustration).
2. Rotate tool around its mounting axis to position the front level beam at a point of interest (labeled B in this illustration).

Note: It is possible to use the beam as a leveling instrument without marking a line through beam locations, however, some may find it more satisfying to mark the beam location at a variety of points and then create a straight line through those points to achieve a level line.

Level



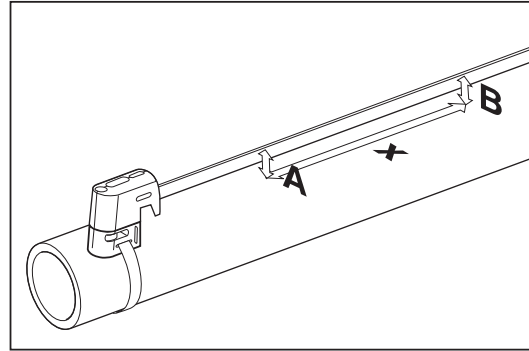
Grading

1. Position tool at the highest point of the surface to be graded.
2. Turn tool on.

3. Measure distance A and make a note of the distance.
4. Measure distance B at distance X away from A and note these distances.
5. $\text{Slope} = (B - A)/X$

Note: To calculate Pitch, set X equal to 12".

Grade



Squaring

1. Position tool in the corner of the two surfaces to be squared (as illustrated).
2. Turn tool on.
3. Measure distance A at a point relatively close to tool and make a note of the distance.
4. Measure distance B at a point further away from tool and make a note of the distance.

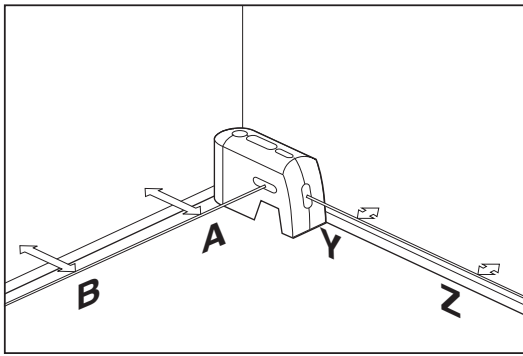
Note: The greater the distance between the two points of measurement, the greater the accuracy.

5. Compare distance A with distance B.
6. If distance A equals distance B, proceed to the next step. If distance A does not equal distance B, then adjust the position of tool until distance A does equal distance B and proceed to the next step.
7. Measure distance Y at a point relatively close to tool and make a note of the distance.
8. Measure distance Z at a point further away from tool and make a note of the distance.

Note: The greater the distance between the two points of measurement, the greater the accuracy.

9. Compare distance Y with distance Z.

Square



10. If distance Y equals distance Z, then the two surfaces are square. If distance Y does not equal distance Z, then adjust the position of the surface which these distances relate to until distance Y does equal distance Z.

Note: The plumb beams can also be used in operations such as squaring window frames.

Use with Attachments

To fasten the tool on the Multiple-Purpose Attachment **8**, screw the locking screw **9** of the Multiple-Purpose Attachment into the 1/4" tripod mount **6** on the tool and tighten. To rotate the tool on the Multiple-Purpose Attachment, slightly loosen the screw **9**.

- Rotate the tool on the Multiple-Purpose Attachment **8** sideward or toward the rear to make the bottom plumb beam visible.
- Rotate the tool on the Multiple-Purpose Attachment **8** to project heights with the horizontal laser beam.

With the Multiple-Purpose Attachment **8**, the tool can be attached as follows:

- Mount the Multiple-Purpose Attachment **8** to a commercially available camera tripod via the 1/4" tripod mount **13**. For fastening to a commercially available construction tripod, use the 5/8" tripod mount **14**.
- The Multiple-Purpose Attachment **8** can be fastened to steel parts via the magnets **12**.
- The Multiple-Purpose Attachment **8** can be fastened to drywall or wood walls with screws. For this, insert screws with a minimum length of 2 in. into the screw holes **10** of the Multiple-Purpose Attachment.
- The Multiple-Purpose Attachment **8** can also be fastened to pipes or similar beams using a commercially available strap by threading it through the opening **11** for strap attachment.

Working with the Tripod (Optional Accessory)

A tripod **18** offers a stable, height-adjustable measuring support. Place the tool via the tripod mount **6** onto the 1/4-20 and 5/8-11 male thread of the tripod and screw the

locking screw of the tripod tight.

Working with the Measuring Plate (Optional Accessory)

With the measuring plate **15**, it is possible to project the laser mark onto the floor or the laser height onto a wall.

With the zero field and the scale, the offset or drop to the required height can be measured and projected at another location. This eliminates the necessity of precisely adjusting the tool to the height to be projected.

The measuring plate **15** has a reflective coating that enhances the visibility of the laser beam at greater distances or in intense sunlight. The brightness intensification can be seen only when viewing, parallel to the laser beam, onto the measuring plate.

Laser Viewing Glasses (Optional Accessory)

The laser viewing glasses filter out the ambient light. This makes the red light of the laser appear brighter for the eyes.

- **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.

Maintenance and Service

Store and transport the tool only in the supplied protective case.

Keep the tool clean at all times.

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.

Regularly clean the surfaces at the exit opening of the laser in particular, and pay attention to any fluff of fibers.

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.

In case of repairs, send in the tool packed in its protective case **16**.

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.
- **First Year- 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

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