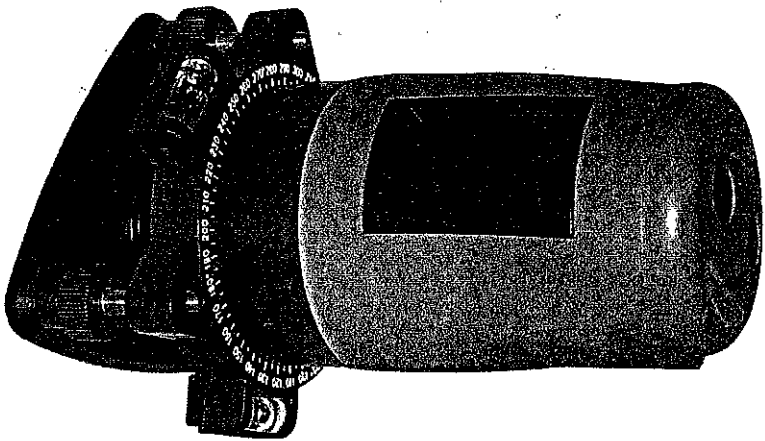


# JOHNSON® LEVEL & TOOL

## SELF-ADJUSTING LASER LEVEL KIT

Model no. 40-0914 (Canada)  
Model no. 9320 (U.S.A.)

## ASSEMBLY AND OPERATING MANUAL



### GUARANTEE STATEMENT

The Johnson Laser Level is guaranteed against all defects in construction and material for a period of one year. This guarantee is limited to the replacement of defective parts upon presentation of the sales slip. This guarantee is not applicable in the event of, but not limited to, damage due to misuse by failing to heed the instructions presented herein, of unauthorized manipulation of the level and its attachments, or upon negligence of the purchaser/user.



CLASS IIIA LASER



LASER DE  
CLASSE IIIA

 JOHNSON.

## **ABOUT THIS PRODUCT**

The Johnson Self-Adjusting Laser Level is an instrument utilizing two laser beams to plot both horizontal (level) and/or vertical (plumb) lines. This laser level self adjusts to within a range of +/- 6° within 8-10 seconds or less. The base of the level incorporates two quality level vials. Once the unit is levelled, when rotated 360°, the laser lines will remain in line horizontally. The lightweight, yet sturdy tripod allows the laser beam to be set to the required height. This level may be used for measuring in indoor and outdoor settings and is suitable for both contractors and DIYers. It can be used either with or without the tripod (included).

### **KIT INCLUDES:**

- Self-adjusting level
- Built in 360° rotating leveling base
- Telescoping tripod
- Tinted goggles
- 3 x AA batteries

### **ATTENTION!**



### **ATTENTION!**

- Never look into the laser beam with naked eyes. Any improper use may cause injury to the eyes.
- Do not direct the laser beam on person or reflective surfaces. Even a laser of minor capacity may cause injury to the eyes.
- A laser is not a toy and must be stored out of children's reach.
- Any manipulation that results in an increased performance of the laser is strictly prohibited. Any claim for damages will be refused for injuries resulting from the non-compliance of these safety instructions.
- If laser level has not been used longer than three months, please remove the batteries in order to avoid damage due to leakage.
- This laser level does not contain any serviceable parts. Never open the housing, as this will void the warranty.

## **SAFETY INSTRUCTIONS**

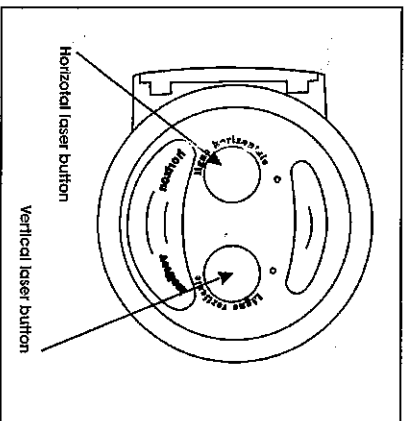
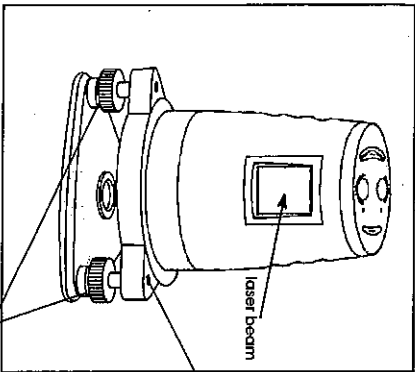
Please read and understand all the following instructions prior to using this laser tool. Failure to follow all the warnings below may result in bodily injury.

**IMPORTANT:** Read all instructions prior to operating this laser tool and **DO NOT** remove any labels from the tool.

- Use of controls or performance of procedures other than those specified herein may result in hazardous radiation exposure.
- Do not stare directly at the laser beam.
- Do not project the laser beam directly into the eyes of others.
- Do not set up the laser tool at eye level or operate the tool on or near a reflective surface, as the laser beam could be projected into your eyes or the eyes of others.
- Do not place the laser tool in a manner that may cause someone to unintentionally look into the laser beam. Serious eye injury may result.
- Do not operate the laser tool in explosive environments, i.e. in the presence of gases or flammable liquids.
- Keep the laser tool out of reach of children and other untrained persons.
- Do not attempt to view the laser beam through optical tools such as telescopes as serious eye injury may result.
- Always turn the laser tool off when it is not in use or is left unattended for a period of time. Remove the batteries when storing the tool for an extended time to avoid damage to the tool should the batteries deteriorate.
- Do not attempt to repair or disassemble the laser tool. Unqualified persons attempting to repair the tool may result in serious injury.

### **WARNING**

The tinted goggles are designed to enhance the visibility of the laser beam. They **DO NOT** offer protection to the eyes from direct exposure of the laser beam.

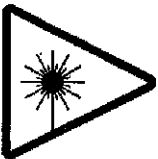


## TECHNICAL SPECIFICATIONS

- Class of laser:** IIIA (class 3 protection)
- Maximum power output:** < 3mW
- Measuring range:** 30m – 100m (100° – 330°) of visible light, depending on illumination of work area.
- Wavelength:** 650nm ± 10nm
- Measuring accuracy:** ± 0.5mm/m (1/4"/33')
- Power supply:** 3 x AA batteries
- Certifications:** CE, GS

### WARNING!

DO NOT LOOK DIRECTLY INTO THE LIGHT BEAM.  
DO NOT AIM LIGHT BEAM DIRECTLY INTO EYES.  
THIS WILL DAMAGE THE EYES.



**JOHNSON.**

## CHANGING BATTERIES AND ACTIVATING LASER BEAM

Slide open the cover on the back of the unit in accordance with markings on the cover and insert three (3) AA batteries (included). To turn on, press either the horizontal and/or vertical button, to turn off, press the same button once more.

**Please note:** Used/discharged batteries are hazardous waste and must be disposed of properly.

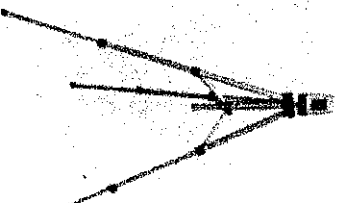
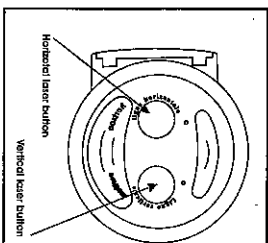
## ASSEMBLY AND ADJUSTMENT

Open up the tripod and position it firmly on a surface that is even and as near level as possible. For uneven surfaces and inclines, compensate by adjusting the telescoping legs of the tripod and level with the aid of the built-in Bull's Eye™ centering vial (found at the top of the tripod).

Tightly screw the rotating levelling base and tripod together.

Bring the levelling plate of the base into a level position by means of the three (3) adjusting screws and the built-in level vials (found at the top of the base).

The self-adjusting laser can be used either with the tripod or independently.



**JOHNSON.**

## PREPARING FOR USE

**Important:** Once ready to use, before turning on the unit, loosen the brass colored knob on the bottom of the unit (in the middle between the level and the base) by turning in a clockwise direction. When you have finished using the unit, this knob must be tightened again (counter clockwise) before returning the level to a lying position and returning to its case. The tightening must be done when the unit is in its' upright position, and is done to hold the internal components in place to avoid damage to the internal mechanism during transport.

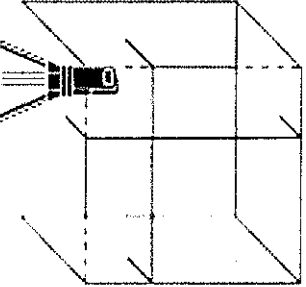
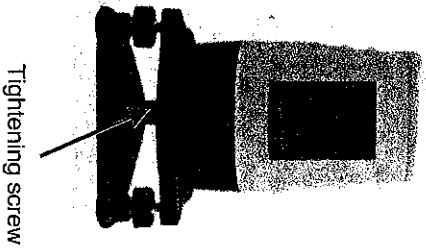
The knob must be loosened prior to each use and retightened after each use of the laser level.

## HORIZONTAL AND/OR VERTICAL LINE PROJECTION

Pressing the vertical and/or horizontal buttons on the top of the unit will generate a vertical, horizontal or cross line laser beam. The red lights next to the buttons will indicate which of the two has been turned on. To turn off simply press the illuminated buttons one more time.

If you have loosened the knob on the bottom of the unit (as per previous page) then simply allow 8-10 seconds for the unit to level itself. If there is no movement in the lines then it is likely the bottom knob has not been sufficiently loosened.

Simply wait for the movement of the lines to cease and the unit is level. The unit can be manually rotated to the full 360° range.



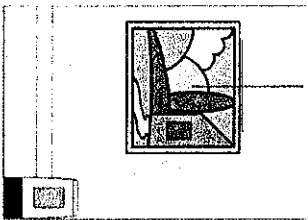
**JOHNSON.**

6

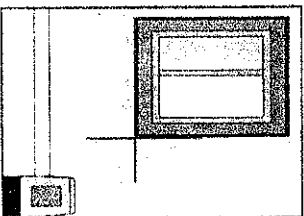
**Note:** The laser level is limited to being able to compensate for angles of +/- 6°. If the level is placed on an angle that is too sharp it will not be able to level itself accurately.



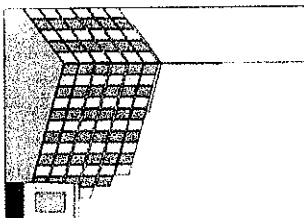
## TYPICAL APPLICATIONS



Hanging pictures



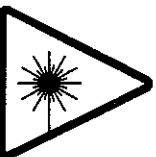
Installing framework or shelving



Laying tiles or floors

### WARNING!

**DO NOT LOOK DIRECTLY INTO THE LIGHT BEAM.  
DO NOT AIM LIGHT BEAM DIRECTLY INTO EYES.  
THIS WILL DAMAGE THE EYES.**



**JOHNSON.**

7