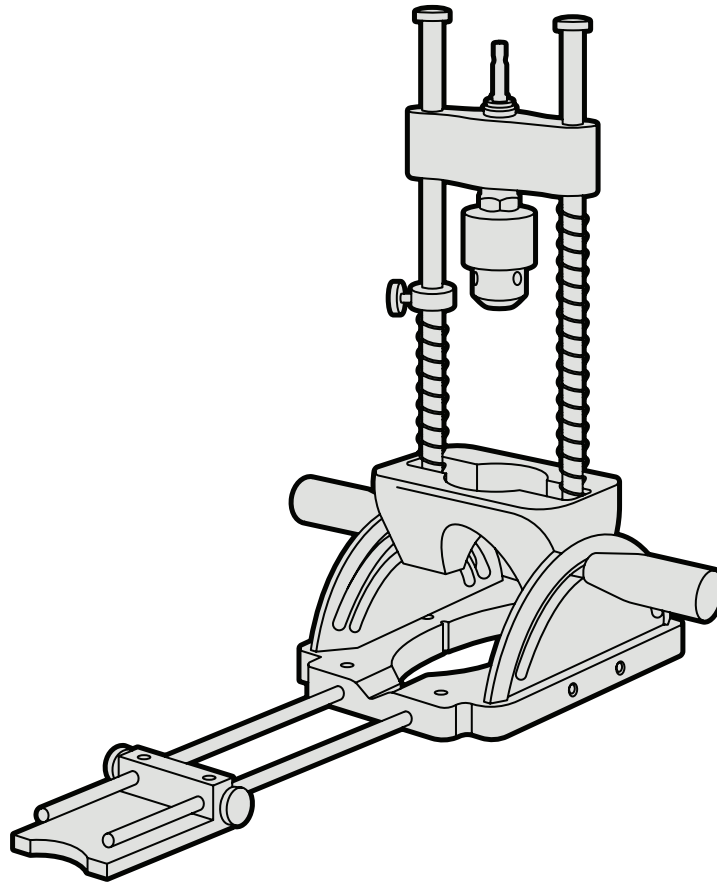




MODEL WA1412

HEAVY-DUTY PRECISION DRILL GUIDE

Instruction Manual



NEED HELP? CONTACT US!

Have product questions? Need technical support? Please feel free to contact us:



1-847-429-9263 (M-F 8AM-5PM CST)



TECHSUPPORT@WENPRODUCTS.COM

IMPORTANT: Your new tool has been engineered and manufactured to WEN's highest standards for dependability, ease of operation, and operator safety. When properly cared for, this product will supply you years of rugged, trouble-free performance. Pay close attention to the rules for safe operation, warnings, and cautions. If you use your tool properly and for its intended purpose, you will enjoy years of safe, reliable service.

For replacement parts and the most up-to-date instruction manuals, visit ***WENPRODUCTS.COM***

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To purchase accessories and replacement parts for your tool, visit ***WENPRODUCTS.COM***

INTRODUCTION

Thanks for purchasing the WEN Drill Guide. We know you are excited to put your tool to work, but first, please take a moment to read through the manual. Safe operation of this tool requires that you read and understand this operator's manual and all the labels affixed to the tool. This manual provides information regarding potential safety concerns, as well as helpful assembly and operating instructions for your tool.

 **SAFETY ALERT SYMBOL:** Indicates danger, warning, or caution. The safety symbols and the explanations with them deserve your careful attention and understanding. Always follow the safety precautions to reduce the risk of fire, electric shock or personal injury. However, please note that these instructions and warnings are not substitutes for proper accident prevention measures.

NOTE: The following safety information is not meant to cover all possible conditions and situations that may occur. WEN reserves the right to change this product and specifications at any time without prior notice.

At WEN, we are continuously improving our products. If you find that your tool does not exactly match this manual, please visit **wenproducts.com** for the most up-to-date manual or contact our customer service at **1-847-429-9263**.

Keep this manual available to all users during the entire life of the tool and review it frequently to maximize safety for both yourself and others.

SPECIFICATIONS

Model Number	WA1412
Chuck Capacity	1/2 in. (13mm)
Drilling Angles	+/- 60°
Drill Chuck Travel (With Spring)	8.3 in. (210mm)
Drill Chuck Travel (Without Spring)	9.3 in. (235mm)
Bar Distance	3.5 in. (90mm)
Chuck Tip to Base	11.2 in. (285mm)
Product Dimensions	12.4 in. x 9.5 in. x 16 in.
Product Weight	9.5 lbs

GENERAL SAFETY RULES

 **WARNING!** Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

Safety is a combination of common sense, staying alert and knowing how your item works. The term “power tool” in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

SAVE THESE SAFETY INSTRUCTIONS.

WORK AREA SAFETY

- 1. Keep work area clean and well lit.** Cluttered or dark areas invite accidents.
- 2. 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.
- 3. Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

ELECTRICAL SAFETY

- 1. Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools.** Unmodified plugs and matching outlets will reduce risk of electric shock.
- 2. Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges and refrigerators.** There is an increased risk of electric shock if your body is earthed or grounded.
- 3. Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
- 4. Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts.** Damaged or entangled cords increase the risk of electric shock.
- 5. When operating a power tool outdoors, use an extension cord suitable for outdoor use.** Use of a cord suitable for outdoor use reduces the risk of electric shock.

- 6. If operating a power tool in a damp location is unavoidable, use a ground fault circuit interrupter (GFCI) protected supply.** Use of a GFCI reduces the risk of electric shock.

PERSONAL SAFETY

- 1. 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.
- 2. Use personal protective equipment. Always wear eye protection.** Protective equipment such as a respiratory mask, non-skid safety shoes and hearing protection used for appropriate conditions will reduce the risk of personal injury.
- 3. 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 energizing power tools that have the switch on invites accidents.
- 4. 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.
- 5. Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
- 6. Dress properly. Do not wear loose clothing or jewelry. Keep your hair and clothing away from moving parts.** Loose clothes, jewelry or long hair can be caught in moving parts.

GENERAL SAFETY RULES

 **WARNING!** Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

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SAVE THESE SAFETY INSTRUCTIONS.

7. 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.

POWER TOOL USE AND CARE

1. 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.

2. 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.

3. Disconnect the plug from the power source and/or the battery pack 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.

4. 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.

5. Maintain power tools. 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.

6. Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.

7. 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.

8. Use clamps to secure your workpiece to a stable surface. Holding a workpiece by hand or using your body to support it may lead to loss of control.

9. KEEP GUARDS IN PLACE and in working order.

SERVICE

1. 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.

CALIFORNIA PROPOSITION 65 WARNING

Some dust created by power sanding, sawing, grinding, drilling, and other construction activities may contain chemicals, including lead, known to the State of California to cause cancer, birth defects, or other reproductive harm. Wash hands after handling. Some examples of these chemicals are:

- Lead from lead-based paints.
- Crystalline silica from bricks, cement, and other masonry products.
- Arsenic and chromium from chemically treated lumber.

Your risk from these exposures varies depending on how often you do this type of work. To reduce your exposure to these chemicals, work in a well-ventilated area with approved safety equipment such as dust masks specially designed to filter out microscopic particles.

ASSEMBLY & ADJUSTMENTS

ASSEMBLING THE DRILL GUIDE

1. Align the fixing rods (Fig. 1 - 1) with the holes in the rotating block (Fig. 1 - 2). Secure the fixing rods using two hex bolts (Fig. 1 - 3).

2. Insert four retaining pins (Fig. 2 - 1) into the four outer most holes on the base (Fig. 2 - 2).

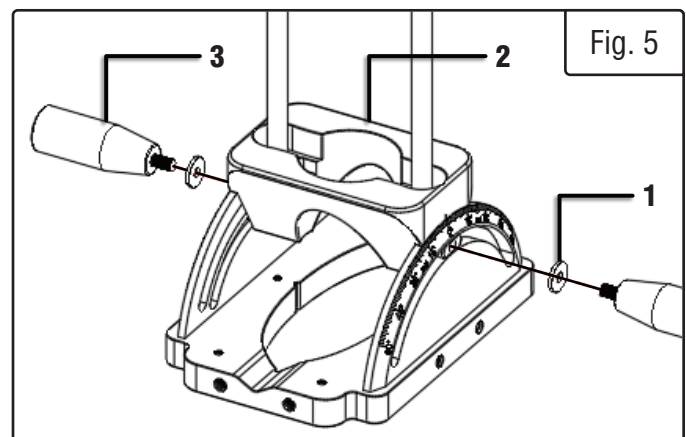
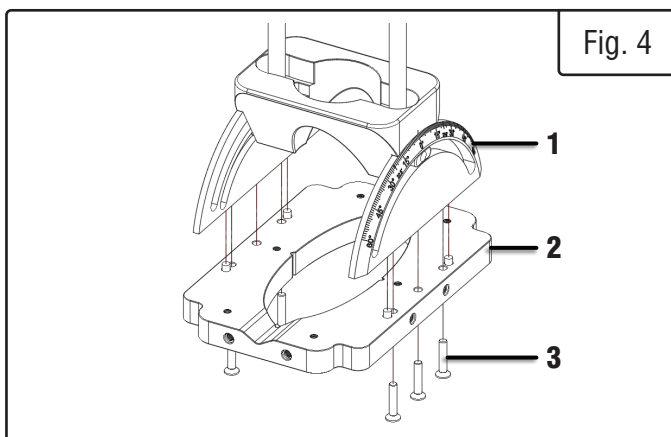
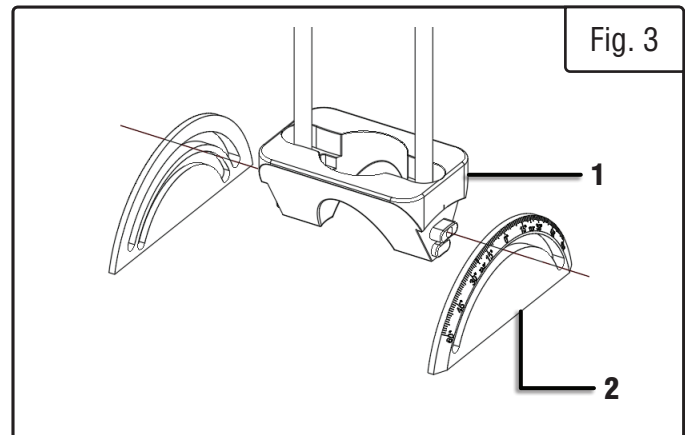
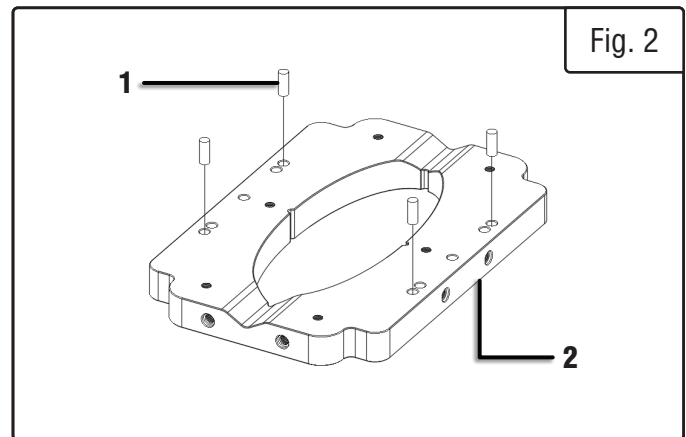
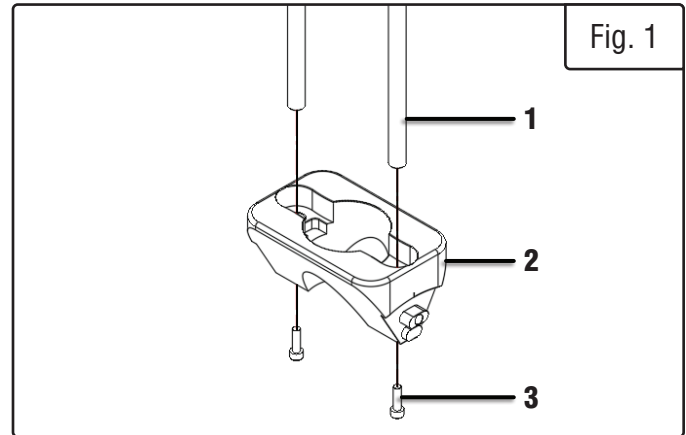
3. Insert both ends of the rotating block (Fig. 3 - 1) into the slots on the angle plates (Fig. 3 - 2).

NOTE: Make sure that the scale on the angle adjustment plate faces outward.

4. Align the holes on to bottom of the angle plates (Fig. 4 - 1) with the holes on the base (Fig. 4 - 2). Secure the angle adjustment plates to the base using three counter-sunk bolts (Fig. 4 - 3).

5. Slide a washer (Fig. 5 - 1) onto both ends of the rotating block (Fig. 5 - 2). Screw the two included handles (Fig. 5 - 3) onto both ends of the rotating block.

NOTE: It is recommended to set the angle to 0 to make future assembly steps easier



ASSEMBLY & ADJUSTMENTS

ASSEMBLING THE DRILL GUIDE (CONT.)

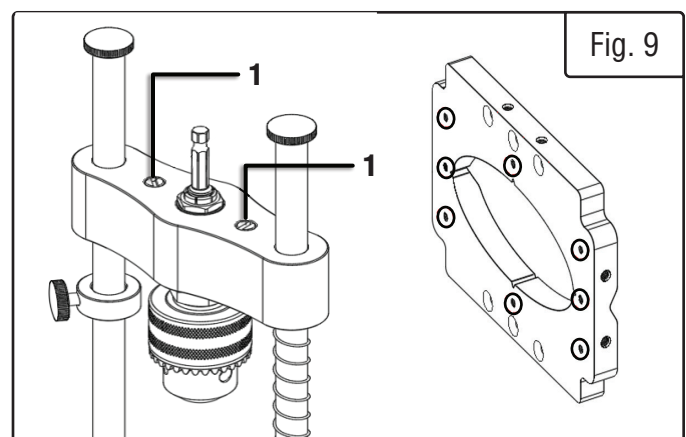
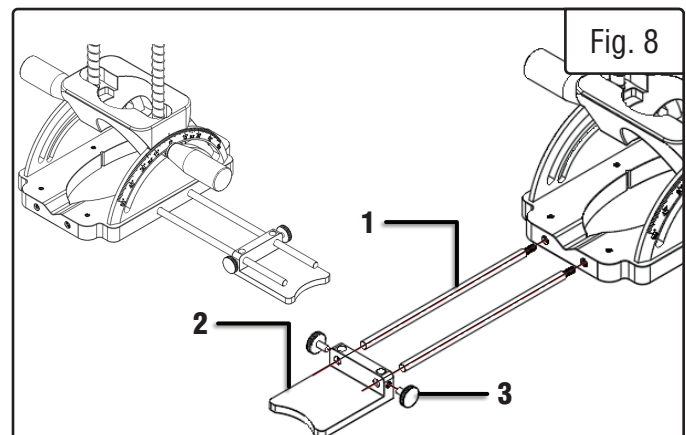
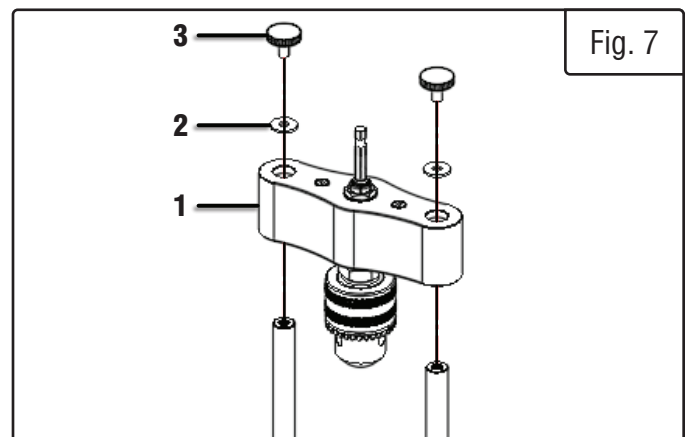
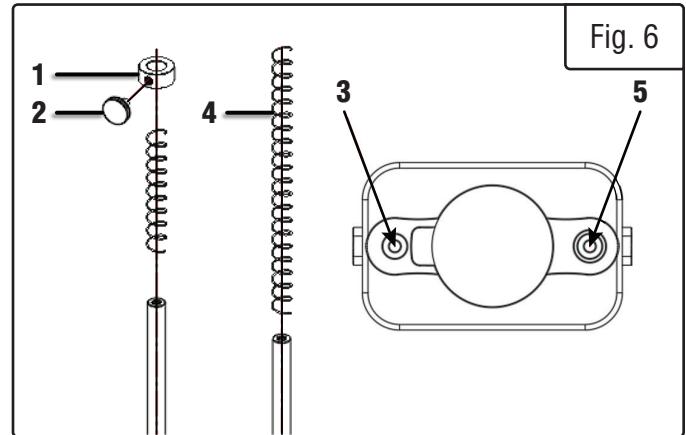
6. Install the depth stop collar (Fig. 6 - 1) and locking knob (Fig. 6 - 2) onto the left fixing rod (Fig. 6 - 3) and the spring (Fig. 6 - 4) onto the right fixing rod (Fig. 6 - 5).

NOTE: The spring may need to be removed in certain circumstances, such as when the length of the drill bit is insufficient to achieve the desired drilling depth.

7. Place the assembled guide block and chuck (Fig. 7 - 1) onto the two fixing rods. Secure the guide block to the fixing rods using two 6mm washers (Fig. 7 - 2) and two locking knobs (Fig. 7 - 3).

8. To install the edge guide, screw the two extension rods (Fig. 8 - 1) into any of the holes on the perimeter of the base. Slide the edge guide (Fig. 8 - 2) onto the extension rods and secure it in place using two lock knobs (Fig. 8 - 3).

9. Self-centering fixing pins (Fig. 9 - 1) are stored on the top of the guide block. The pins can be removed and installed into the bottom of the base. These pins allow the guide to self-center over the edge of a board.



OPERATION

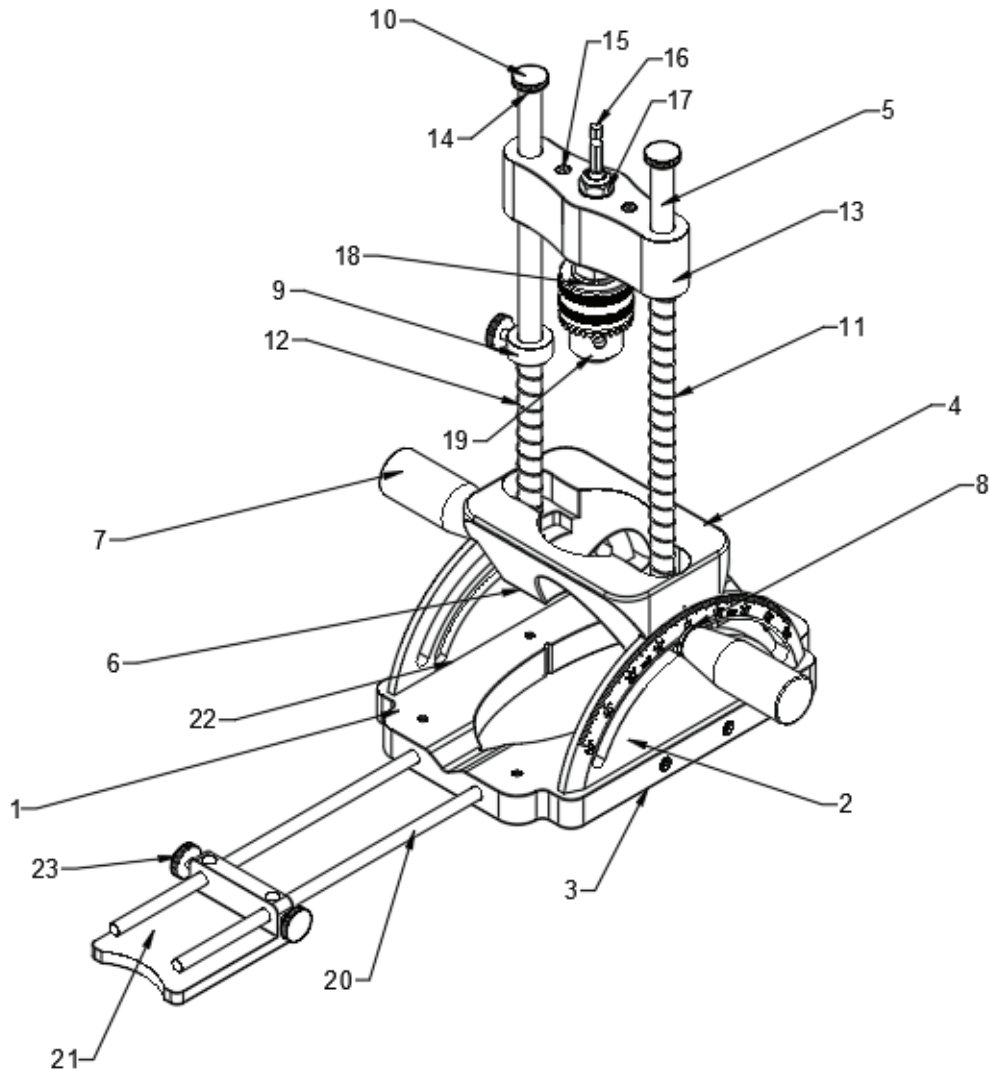
USING THE DRILL GUIDE

1. To use the drill guide, begin by positioning your workpiece. This may involve mounting the drill guide to the workpiece or placing the workpiece on the base within the V-groove.
2. If needed, align the edge guide flush with the bottom or top of your workpiece, and tighten the side knobs for added security.
3. Once the workpiece is secured, align the drill guide using the markings on either side. Using a pencil and ruler, draw a line between the markings to illustrate where the drill bit will land.
4. For angled drilling, loosen the side handles by turning them counterclockwise until the drill guide can move freely. Adjust the guide to the desired angle, aligning the marking on the rotating block with the corresponding angle on the angle guide.

NOTE: The drill bit will no longer land directly in the center of the workpiece when drilling at an angle.

5. Once the drill guide is properly aligned, set the depth stop collar to the desired height and begin drilling.

EXPLODED VIEW & PARTS LIST



No.	Part No.	Description	Qty.	No.	Part No.	Description	Qty.
1	WA1402-001	Base	1	15	WA1402-015	Self-Centering Fixing Pins	2
2	WA1402-002	Angle Plate	2	16	WA1402-016	Spindle	1
3	WA1402-003	M6x30 Countersunk Bolt	6	17	WA1402-017	M10 Nut	1
4	WA1402-004	Rotating Block	1	18	WA1402-018	M20 Nut	1
5	WA1402-005	Fixed Rod	2	19	WA1402-019	1/2" Drill Chuck	1
6	WA1402-006	M6x20 Hex Bolt	2	20	WA1402-020	Extension Rod	2
7	WA1402-007	Handle	2	21	WA1402-021	Edge Guide	1
8	WA1402-008	M8 Plastic Washer	2	22	WA1402-022	Fixing Pin	4
9	WA1402-009	Depth Stop Collar	1	23	WA1402-023	Locking Knob (Ø12)	2
10	WA1402-010	Locking Knob (Ø20)	3	24	WA1402-024	Drill Chuck Key (JT6)	1
11	WA1402-011	Long Spring	1	25	WA1402-025	Hexagon handle wrench (M5)	1
12	WA1402-012	Short Spring	1	26	WA1402-026	Hexagon handle wrench (M4)	1
13	WA1402-013	Guide Block	1				
14	WA1402-014	M6 Plastic Washer	2				

WARRANTY STATEMENT

WEN Products is committed to building tools that are dependable for years. Our warranties are consistent with this commitment and our dedication to quality.

LIMITED WARRANTY OF WEN PRODUCTS FOR HOME USE

GREAT LAKES TECHNOLOGIES, LLC ("Seller") warrants to the original purchaser only, that all WEN consumer power tools will be free from defects in material or workmanship during personal use for a period of two (2) years from date of purchase or 500 hours of use; whichever comes first. Ninety days for all WEN products if the tool is used for professional or commercial use. Purchaser has 30 days from the date of purchase to report missing or damaged parts.

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 replacement of parts, without charge, which are defective in material or workmanship and which have not been subjected to misuse, alteration, careless handling, misrepair, abuse, neglect, normal wear and tear, improper maintenance, or other conditions adversely affecting the Product or the component of the Product, whether by accident or intentionally, by persons other than Seller. To make a claim under this Limited Warranty, you must make sure to keep a copy of your proof of purchase that clearly defines the Date of Purchase (month and year) and the Place of Purchase. Place of Purchase must be a direct vendor of Great Lakes Technologies, LLC. Purchasing through third party vendors, including but not limited to garage sales, pawn shops, resale shops, or any other secondhand merchant, voids the warranty included with this product. Contact techsupport@wenproducts.com or 1-847-429-9263 with the following information to make arrangements: your shipping address, phone number, serial number, required part numbers, and proof of purchase. Damaged or defective parts and products may need to be sent to WEN before the replacements can be shipped out.

Upon the confirmation of a WEN representative, your product may qualify for repairs and service work. When returning a product for warranty service, the shipping charges must be prepaid by the purchaser. The product must be shipped in its original container (or an equivalent), properly packed to withstand the hazards of shipment. The product must be fully insured with a copy of the proof of purchase enclosed. There must also be a description of the problem in order to help our repairs department diagnose and fix the issue. Repairs will be made and the product will be returned and shipped back to the purchaser at no charge for addresses within the contiguous United States.

THIS LIMITED WARRANTY DOES NOT APPLY TO ITEMS THAT WEAR OUT FROM REGULAR USAGE OVER TIME, INCLUDING BELTS, BRUSHES, BLADES, BATTERIES, ETC. ANY IMPLIED WARRANTIES SHALL BE LIMITED IN DURATION TO TWO (2) YEARS 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 OR EXCLUSION 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., PROVINCE TO PROVINCE IN CANADA AND FROM COUNTRY TO COUNTRY.

THIS LIMITED WARRANTY APPLIES ONLY TO ITEMS SOLD WITHIN THE UNITED STATES OF AMERICA, CANADA AND THE COMMONWEALTH OF PUERTO RICO. FOR WARRANTY COVERAGE WITHIN OTHER COUNTRIES, CONTACT THE WEN CUSTOMER SUPPORT LINE. FOR WARRANTY PARTS OR PRODUCTS REPAIRED UNDER WARRANTY SHIPPING TO ADDRESSES OUTSIDE OF THE CONTIGUOUS UNITED STATES, ADDITIONAL SHIPPING CHARGES MAY APPLY.

**THANKS FOR
REMEMBERING**

