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## Real Avid AVGLOCK41

# Real Avid 4-in-1 Tool for Glock Instruction Manual

## 1. INTRODUCTION

The Real Avid 4-in-1 Tool for Glock is a compact and versatile multi-tool designed for essential maintenance and adjustments of Glock firearms. This tool integrates four critical functions into an ergonomic, pocket-sized design, making it convenient for field use or workbench tasks. It is engineered to assist with common procedures such as firearm disassembly, sight adjustments, and internal component manipulation.



Image 1.1: The Real Avid 4-in-1 Tool in its closed, compact state.

## 2. COMPONENTS OVERVIEW

The Real Avid 4-in-1 Tool features four distinct tools, each designed for specific Glock maintenance tasks. These tools are securely stored within the ergonomic frame and deploy with a push-button mechanism.

- **3/16" Hex Driver:** Used for front sight installation and removal. Compatible with both stock and aftermarket Glock front sights.
- **3mm Punch:** Essential for disassembling the firearm by removing pins. Fits all standard Glock pin sizes.
- **.050" Allen Wrench:** Designed for adjusting aftermarket rear sights.
- **Flat Blade Screwdriver:** Aids in prying the slide lock spring and locking block during disassembly and reassembly. Also useful for other small accessories.



Image 2.1: Labeled diagram of the Real Avid 4-in-1 Tool showing each component.

### 3. OPERATING INSTRUCTIONS

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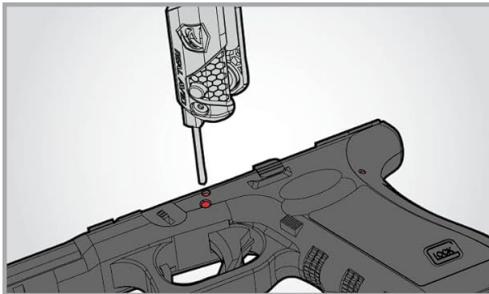
Follow these instructions for proper use of each tool function.

#### 3.1. Disassembly with 3mm Punch

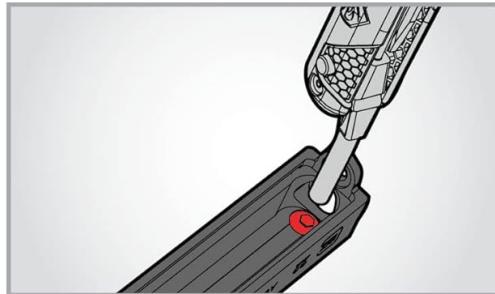
To disassemble your Glock firearm for cleaning or maintenance, use the 3mm punch to remove the necessary pins. Ensure the firearm is unloaded and safe before proceeding.

1. Ensure the firearm is unloaded and the chamber is clear.
2. Locate the pins on the firearm frame that require removal.
3. Deploy the 3mm punch from the tool by pressing its release button.
4. Align the punch with the pin and apply steady pressure to push the pin out. A soft mallet may be used if the pin is stubborn.

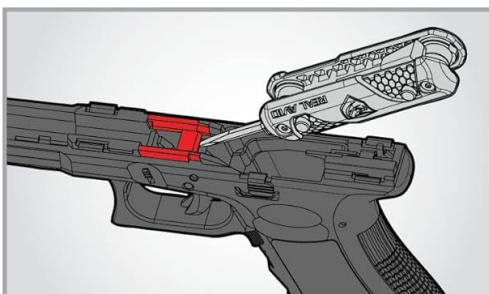
# PUSH BUTTON DEPLOYMENT OF 4 GLOCK®-SPECIFIC TOOLS.



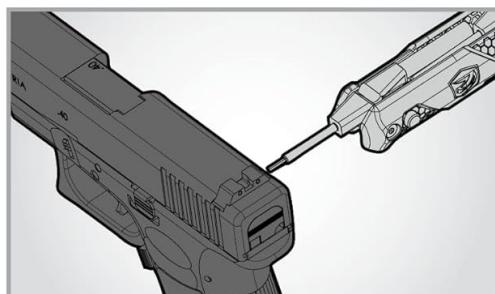
Easily remove all pins to disassemble your Glock to clean, modify or maintain



Remove & install front sight



Remove & install internal components like the slide lock spring & locking block with small flathead driver



Make adjustments to aftermarket rear sights with .050" Allen® wrench

Image 3.1: Demonstrating the use of the 3mm punch for pin removal.

## 3.2. Front Sight Installation/Removal with 3/16" Hex Driver

The 3/16" hex driver is designed for securing or removing the front sight post.

1. Deploy the 3/16" hex driver.
2. Position the hex driver over the front sight screw.
3. Turn clockwise to tighten or counter-clockwise to loosen and remove the front sight.

# COMPACT.



**In every way a thoroughly modern armorer's tool for Glock® owners.**

Image 3.2: The 3/16" hex driver engaged with a Glock front sight screw.

### **3.3. Rear Sight Adjustment with .050" Allen Wrench**

For aftermarket rear sights that utilize an Allen screw for adjustment, use the .050" Allen wrench.

1. Deploy the .050" Allen wrench.
2. Insert the wrench into the adjustment screw of the rear sight.
3. Turn as needed to make windage or elevation adjustments.

# PUSH BUTTON GLOCK® ARMORER'S MULTI-TOOL.



Image 3.3: The .050" Allen wrench being used to adjust a rear sight.

## 3.4. Internal Component Manipulation with Flat Blade Screwdriver

The small flat blade screwdriver is useful for delicate tasks during firearm disassembly and reassembly.

1. Deploy the flat blade screwdriver.
2. Carefully use the screwdriver to pry the slide lock spring or locking block as required during maintenance.
3. It can also be used for adjusting small screws on accessories like lights, lasers, or red dot sights.

# SMART, PRECISE, ADVANCED...JUST LIKE YOUR GLOCK®



Image 3.4: The flat blade screwdriver assisting with internal Glock components.

## 4. MAINTENANCE

To ensure the longevity and proper function of your Real Avid 4-in-1 Tool, follow these maintenance guidelines:

- Cleaning:** After use, wipe down the tool with a clean, dry cloth to remove any residue, dirt, or moisture. For stubborn grime, a mild cleaning solution can be used, followed by thorough drying.
- Lubrication:** Periodically apply a small amount of light oil to the pivot points and moving parts to ensure smooth operation of the deployment mechanism.
- Storage:** Store the tool in a dry environment to prevent corrosion. Its compact size allows for easy storage in a range bag, toolbox, or drawer.
- Inspection:** Regularly inspect the tool for any signs of wear, damage, or bending, especially the punch and hex driver tips.

## 5. TROUBLESHOOTING

While the Real Avid 4-in-1 Tool is designed for durability, occasional issues may arise. Here are some

common concerns and their solutions:

- **Tool Tips Appear Bent:** If a tool tip, particularly the 3mm punch, appears slightly bent, it may be due to excessive force or improper alignment during use. While minor bends might not affect function, significant deformation requires careful straightening or replacement. Avoid using the tool if it is severely compromised, as it could damage your firearm.
- **Difficulty Deploying Tools:** If a tool is stiff or difficult to deploy, apply a small amount of lubricant to the pivot point and work the tool back and forth to distribute the lubricant. Ensure no debris is obstructing the mechanism.
- **Tool Not Engaging Screws/Pins:** Ensure you are using the correct tool for the specific screw or pin size. The 3/16" hex driver and .050" Allen wrench are specific sizes. The 3mm punch is designed for standard Glock pins.

## 6. SPECIFICATIONS

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Feature	Detail
Brand	Real Avid
Model Name	AVGLOCK41
Material	Plastic
Color	Black
Item Dimensions (L x W x H)	9.75 x 5.75 x 1 inches
Item Weight	3.2 ounces
UPC	813119012709
Included Components	AVGLOCK41

## 7. WARRANTY AND SUPPORT

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The Real Avid 4-in-1 Tool for Glock comes with a **2 Year Manufacturer Warranty**. This warranty covers defects in materials and workmanship under normal use.

For warranty claims, technical support, or any questions regarding the use and maintenance of your tool, please contact Real Avid customer service. Refer to the official Real Avid website or product packaging for the most current contact information.

Always ensure you are following all safety precautions when working with firearms. If you are unsure about any procedure, consult a qualified gunsmith.