

Bosch Professional GFA 18-WM

Bosch Professional GFA 18-WM FlexiClick Angle Adapter Instruction Manual

Model: GFA 18-WM (Part Number: 1600A02EP6)

1. INTRODUCTION

The Bosch Professional GFA 18-WM FlexiClick Angle Adapter is a versatile accessory designed to enhance the functionality of your Bosch Professional GSR 18V-90 FC screwdriver. This adapter allows for precise drilling and screwing applications in confined or hard-to-reach spaces, converting your screwdriver into an angle drill with a robust metal chuck. It features 16 adjustable positions and 360° rotation for optimal flexibility.

2. SAFETY INSTRUCTIONS

Always observe the following safety precautions when using the GFA 18-WM angle adapter:

- **Read the Screwdriver Manual:** Before using this adapter, thoroughly read and understand the instruction manual for your Bosch Professional GSR 18V-90 FC screwdriver.
- **Personal Protective Equipment:** Always wear appropriate personal protective equipment, including safety glasses, hearing protection, and gloves, when operating power tools.
- **Secure Attachment:** Ensure the angle adapter is securely attached to the screwdriver and the drill bit/screwdriver bit is firmly seated in the chuck before operation.
- **Workpiece Stability:** Always secure your workpiece to prevent movement during drilling or screwing.
- **Avoid Overloading:** Do not apply excessive force to the tool or adapter, as this can lead to damage or injury.
- **Inspect Before Use:** Before each use, inspect the adapter for any signs of damage or wear. Do not use if damaged.

3. PRODUCT OVERVIEW

The GFA 18-WM is part of the Bosch Professional FlexiClick system, designed for modular versatility.



This image displays the Bosch Professional FlexiClick system, showcasing the GFA 18-WM angle adapter alongside other interchangeable attachments and a compatible drill driver. The GFA 18-WM is visible as the angular attachment with a metal chuck, demonstrating its role within the versatile system.

The GFA 18-WM angle adapter features a robust metal chuck for secure bit retention and a mechanism for adjusting its angular position relative to the screwdriver body.

4. SETUP AND INSTALLATION

Follow these steps to attach the GFA 18-WM angle adapter to your Bosch Professional GSR 18V-90 FC screwdriver:

- 1. Prepare the Screwdriver:** Ensure your GSR 18V-90 FC screwdriver is switched off and the battery is removed for safety.
- 2. Align the Adapter:** Align the GFA 18-WM angle adapter with the FlexiClick interface on the front of your screwdriver. The adapter has a specific keyway that must match the screwdriver's receiver.
- 3. Push and Twist:** Push the adapter onto the screwdriver until it clicks into place. Then, twist the adapter clockwise until it locks securely. You should hear and feel a distinct click, indicating it is properly engaged.
- 4. Verify Security:** Gently pull on the adapter to ensure it is firmly attached and does not wobble.

5. **Insert Bit:** Open the metal chuck by rotating the chuck collar counter-clockwise. Insert your desired drill bit or screwdriver bit into the chuck. Tighten the chuck by rotating the collar clockwise until the bit is securely held.

To remove the adapter, reverse the twisting motion and pull it off the screwdriver.

5. OPERATING INSTRUCTIONS

The GFA 18-WM angle adapter provides flexibility for various applications:

- **Adjusting the Angle:** The adapter can be rotated 360° and locked into 16 different positions. To adjust the angle, grasp the adapter firmly and rotate it to the desired position. It will click into place at each of the 16 predefined angles. Ensure it is securely locked before beginning work.
- **Application:** Use the angle adapter for drilling or driving screws in tight corners, between studs, or in other confined spaces where a straight drill/driver cannot reach.
- **Speed and Torque:** Adjust the speed and torque settings on your GSR 18V-90 FC screwdriver according to the material and the task at hand. Start with lower speeds for greater control, especially when drilling or driving into delicate materials.
- **Maintain Control:** Always maintain a firm grip on the screwdriver and adapter. Apply steady, even pressure.

6. MAINTENANCE

Proper maintenance ensures the longevity and performance of your GFA 18-WM angle adapter:

- **Cleaning:** After each use, wipe down the adapter with a clean, dry cloth to remove dust, debris, and grime. Do not use harsh chemicals or solvents.
- **Lubrication:** The internal mechanisms are factory-lubricated. Do not attempt to lubricate the adapter yourself unless specifically instructed by Bosch Professional.
- **Storage:** Store the adapter in a clean, dry place, away from direct sunlight and extreme temperatures.
- **Inspection:** Regularly inspect the chuck for wear and tear. Ensure the locking mechanism for angular adjustment functions smoothly. If any damage is observed, discontinue use and contact Bosch Professional service.

7. TROUBLESHOOTING

If you encounter issues with your GFA 18-WM angle adapter, consider the following:

- **Adapter Not Attaching Securely:**
 - Ensure the FlexiClick interface on both the screwdriver and adapter are clean and free of debris.
 - Verify correct alignment before pushing and twisting.
 - Check for any visible damage to the locking mechanism on either the adapter or the screwdriver.
- **Bit Slipping in Chuck:**
 - Ensure the chuck is tightened sufficiently.
 - Check if the bit shank is clean and free of oil or grease.

- Inspect the chuck jaws for wear or damage.

- **Difficulty Adjusting Angle:**

- Ensure no debris is obstructing the rotation mechanism.
- Apply firm, even pressure when rotating.

For persistent issues, contact Bosch Professional customer support.

8. SPECIFICATIONS

Feature	Specification
Model Number	GFA 18-WM
Part Number	1600A02EP6
Compatibility	Bosch Professional GSR 18V-90 FC Screwdriver
Chuck Type	Metal Chuck
Angular Positions	16 positions, 360° rotatable
Material	Metal
Product Dimensions	9.5 x 5.2 x 9.9 cm
Item Weight	460 g (0.46 kg)
Color	Black

9. WARRANTY AND SUPPORT

For information regarding warranty coverage, service, or technical support for your Bosch Professional GFA 18-WM FlexiClick Angle Adapter, please refer to the documentation provided with your Bosch Professional power tool or visit the official Bosch Professional website. Keep your proof of purchase for warranty claims.