

## Profile Design ACEGIKT1

# Profile Design Ergo Injected Armrest Kit (Model ACEGIKT1) - Instruction Manual

Manufacturer: Profile Design

## 1. INTRODUCTION

The Profile Design Ergo Injected Armrest Kit is designed to enhance comfort and control for cyclists using aero bars. Its smoothly curved shape cradles the elbows, providing stable support. The innovative bolt pattern allows for 48 possible configurations, enabling precise adjustment for optimal rider fit. This kit is compatible with all current Profile Design aero bars and older models that utilized the F-19, F-22, F-35, or F-40 armrests.

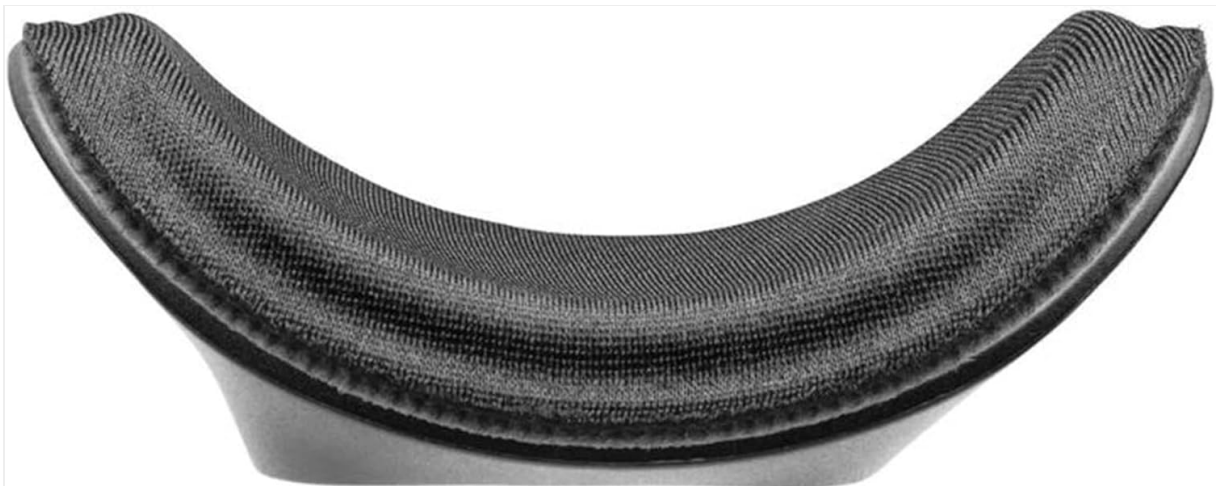


Figure 1: Complete Profile Design Ergo Injected Armrest Kit.

## 2. PACKAGE CONTENTS

Verify that all components are present in your package:

- 2 x Ergo Armrests (Injected nylon/glass fiber)

- 2 x Ergo Armrest Pads (10mm thickness)
- Mounting Hardware (screws for attachment)



Figure 2: Exploded view of the armrest kit showing the base and pad.

### 3. FEATURES

- **Armrest Construction:** Injected nylon/glass fiber for durability and lightweight performance.
- **Pad Model:** 10mm thick pads for enhanced comfort.
- **Weight:** 145g per pair.
- **Color:** Matte Black finish.
- **Adjustability:** Multi-hole bolt pattern offers 48 possible configurations for precise fit adjustment.
- **Compatibility:** Designed for use with all current Profile Design aero bars and older models (F-19, F-22, F-35, F-40).

### 4. INSTALLATION

Follow these steps to properly install your Ergo Injected Armrest Kit:

1. **Prepare Your Aero Bars:** Ensure your aero bars are clean and free of debris where the armrests will be mounted.
2. **Position the Armrest Base:** Place one armrest base onto the mounting bracket of your aero bar. Align the holes on the armrest base with the corresponding holes on your aero bar's mounting plate. The Ergo armrest features multiple bolt patterns to accommodate various positions (Figure 3).



Figure 3: Ergo armrest base with multiple bolt pattern options.

3. **Secure the Armrest Base:** Insert the provided screws through the chosen holes in the armrest base and into the aero bar mounting plate. Use an appropriate Allen wrench to tighten the screws. Do not overtighten.
4. **Attach the Armrest Pads:** The 10mm Ergo armrest pads attach to the armrest bases using a hook-and-loop (Velcro) system. Align the pad with the base and press firmly to secure it (Figure 4).



Figure 4: Ergo armrest pad ready for attachment.

5. **Repeat for Second Armrest:** Follow the same steps for the second armrest.
6. **Adjust for Comfort:** Sit on your bike and test the position of the armrests. Adjust as needed by loosening the screws, repositioning the armrest base using different bolt holes, or adjusting the pad placement. Ensure both armrests are securely fastened before riding.

## 5. OPERATING AND ADJUSTMENTS

The Ergo armrests are designed for extensive adjustability to optimize your aerodynamic position and comfort. The multiple bolt holes on the armrest base allow for fine-tuning of both fore/aft and lateral positions. Experiment with different configurations to find the most comfortable and efficient setup for your riding style.

The 10mm pads provide cushioning and feature a non-slip surface to keep your arms stable during rides. If you need to make minor adjustments to the pad position, simply detach and reattach them using the hook-and-loop fasteners.

## 6. MAINTENANCE

---

- **Cleaning:** Clean the armrest bases with a damp cloth and mild soap. The pads can be hand-washed with mild detergent and air-dried.
- **Inspection:** Regularly inspect the armrests and mounting hardware for any signs of wear, damage, or looseness. Ensure all screws are tight before each ride.
- **Pad Replacement:** Over time, the armrest pads may compress or wear out. Replacement pads are available from Profile Design or authorized retailers.

## 7. TROUBLESHOOTING

---

- **Armrests feel loose:** Check all mounting screws and tighten them securely with an Allen wrench. Ensure the armrest pads are firmly attached to the bases.
- **Discomfort during use:** Experiment with different bolt hole configurations on the armrest base to adjust the position (fore/aft, lateral) until optimal comfort is achieved.
- **Pads slipping:** Ensure the hook-and-loop fasteners on both the pads and bases are clean and free of debris. If pads are old and worn, consider replacing them.

## 8. SPECIFICATIONS

---

<b>Brand</b>	Profile Design
<b>Model Number</b>	ACEGIKT1
<b>Color</b>	Black
<b>Material</b>	Injected Nylon/Glass Fiber (Armrest), Multi (Pad)
<b>Pad Thickness</b>	10mm
<b>Item Weight</b>	145g / 0.22 lbs (per pair)
<b>Dimensions</b>	6.25 x 4 x 3 inches (approximate package dimensions)
<b>GTIN/UPC</b>	723660007393

## 9. WARRANTY & SUPPORT

---

This Profile Design product comes with a Limited Warranty. For specific details regarding warranty coverage, claims, or technical support, please refer to the official Profile Design website or contact their customer service directly. Keep your proof of purchase for warranty validation.

For additional assistance, you may also consult the retailer from whom the product was purchased.