**Note to Dealers:** If you install this product for the consumer, please provide him/her with this owner’s manual after installation.

Thank you for purchasing the Profile Design Aeria™, one of the most technologically advanced aerobars available today. Please read these instructions thoroughly before attempting to install and use the aerobar. Proper installation is required for compliance with Profile Design’s warranty policy. If you are not familiar with the installation of aerobars please seek the assistance of your local Profile Design dealer by logging on to www.profile-design.com and using “dealer search” or by calling Profile Design’s customer service number.

**Tools and materials required:** Torque wrench (in-lbs/Nm), 5mm Allen wrench

1. Do not grease the handlebar clamping area as this may cause the bar to slip while riding that can result in a loss of control.
2. Please confirm the handlebar clamp diameter matches that of the stem clamp diameter. An incorrect match could result in handlebar failure, stem failure, or both.
3. Remove your current handlebar, brake levers, shifters and handlebar tape. Prior to Aeria handlebar installation, please check the front stem clamp for any sharp edges or burrs. Remove these sharp edges or burrs with the sandpaper or file (as needed) as they could damage the carbon fiber. Once the desired riding position is determined, clamp the bar to the stem, and evenly tighten the stem front clamp bolts to their specified torque (do not exceed 53 in-lbs/Nm). With a new stem, please follow the manufacturer’s instructions for installation (do not exceed 53 in-lbs/Nm).
4. Install the brake levers into the wing (I) and adjust them accordingly. Please note the wing is pre-drilled for internal cable routing holes. **WARNING** DO NOT DRILL, REAM, SAND OR OTHERWISE MODIFY THE END OF THE WING TO ACCEPT BRAKE LEVERS. Profile Design recommends the use of Profile Design brake levers with this aerobar. The aerobar is also designed to fit other brake levers with a 19.5mm outer diameter clamp.
5. To install the socket head bolts (#3131341126) through the M6 Armrest washer (#3131341133), and into the top bracket. Using the 5mm Allen wrench, place the M6-15 flat head bolts into a torque of 50-52 in-lbs, (4.4-4.7 Nm). Repeat on second armrest.
6. The extensions are adjusted through an internal wedge mechanism (#6) that is tightened from the bottom of the wing and affixes the bracket to the wing while also clamping the extensions. Tighten these bolts to a torque of 53 in-lbs/Nm.
7. The Aeria includes spacers and bolts that allow for the bracket to be raised above the basebar. Install the desired spacers between the wing and the bracket and insert the correct bolt per the Spacer/Bolt Spec Chart below. Tighten these bolts to a torque of 53 in-lbs/Nm.
8. If you wish to install bar ends and the extensions into the basebar, slide control cable and housing through the hole provided in the handlebar. **WARNING** DO NOT DRILL OR CUT THE EXTENSION BAR. Tighten the mounting bolt until lever is firmly in place. DO NOT OVER TIGHTEN MOUNTING BOLT AS THIS MAY DAMAGE THE AEROBAR. Do not exceed 45in-lb (6Nm).
9. Recheck the bolts for tightness after first usage and periodically thereafter to insure secure attachment of the handlebar.

**WARNING**

- Any failure to follow these warnings and instructions can result in brakeage, slippage and or other malfunctioning of this Profile Design component causing a loss of control of the bicycle with serious injuries. [AP1100-1-1]
- A cremating component can be a sign of potential problems. Make sure all contact surfaces between components are clean, all bolt threads are greased or treated with proper thread lock and tightening to Profile Design’s (or the bike manufacturer's) torque specifications. On the first and any subsequent assembly examine all male and female threads and bolts for stripped threads, cracks and any thread locking compound. 
- Under tightening a bolt can result in a part coming loose while riding and an over tightened bolt can break unexpectedly or strip the threads it is engaging while riding also resulting in a loss of control. All bolts must be tightened to Profile Design’s (or the bike manufacturer's) torque specifications. 
- Periodically, closely examine all surfaces of this Profile Design component (after cleaning) in bright sunlight to check for any small hairline cracks or fatigue at "stress points" (such as welds, seams, holes, points of contact with other parts, holes, etc.). If you see any cracks, no matter how small, stop using the part immediately and call Profile Design customer service. [AP3002-4-2]
- Whenever you install any new component on your bike make sure you thoroughly try it out close to home (with your helmet) where there are no obstacles or traffic. Make sure everything is working properly before going on a ride. [AP1001-3-2]
- Racing (road, mountain or multi-sport) places extreme stress on bicycles and their components (like it does riders) and significantly shortens their usable life. If you participate in these types of events, the lifetime of the product may be significantly shortened depending upon the level and amount of racing. The “normal wear” of a component may differ greatly between competitive and non-competitive use, which is why professional level riders often use new bike and components each season as well as their bikes serviced by professional mechanics. Particular care should be placed in the regular examination of your bicycle and its components to insure your safety [AP1100-1-5]
- A number of factors can reduce the life of this component: rough terrain, abuse, improper installation, sweat, adverse environmental conditions (such as salt air or corrosive rain), rain damage (especially if bike and components are repeatedly disassembled and then reassembled) and crashes or accidents can all contribute to the shortening of the life of this component. The more factors that are present, the more the life of the component is reduced. [AP0801-7-2]
- All of the warnings and care instructions that pertain to metal parts apply doubly to carbon fiber parts (except for corrosion) as they are very delicate and can be easily damaged during usage. On a routine basis you must thoroughly check for cracks, wear marks, surface deterioration, delaminating, chipping of the finish or carbon splintering especially where a carbon component contacts or is mated to a non-carbon component. Once the surface of a carbon part is compromised it can break. Do not apply any lubricant to any carbon surface where they come in contact with another carbon or metal part. After a crash carbon parts may be scraped but will not likely be bent like a metal part. However they can still be weakened and must be replaced. Call Profile Design customer service and ask about our ‘Crash Replacement Policy”. [AP1000-6-1]
- Make sure you periodically recheck all Aeria™ bolt sets for tightness as indicated. Many of these bolts can loosen due to road vibration, which can cause possible brakeage and loss of control. Make sure only the Profile Design supplied bolts are used. [AP1100-1-1]
- Aerobars can require riding positions that are new or different to many riders. It is advisable to practice using these bars in a low traffic area to become accustomed to any changes in the steering or handling characteristics of the bike. Please familiarize yourself using these types of handlebars for the first time. Also make sure that you continue to look forward when riding and do not look down towards the ground. [AP0100-1-1]
- If you ever crash and the handlebar, aerobars or stem is damaged in any way, (sight breaks or cracks) ALL AEROBAR COMPONENTS AND SPARE PARTS should be replaced as there may be unnoticeable damage to either part. Call Profile Design customer service and ask about our “Crash Replacement Policy”. [AP1100-1-1]
- Whenever an aerobar-equipped bike is placed on a roof rack, remove the armrest pads (if they are Velcro attached). Pads lost during transport are not covered by Profile Design Warranty. [AP1100-1-4]
- Periodically check your handlebar closely for nicks, indentations or scoring from the stem clamp. Also look for signs of slight bends or deformity in the bar (that were not originally present). This will require removal of the bar from the stem. If you see such signs replace the bar with one of the appropriate diameter. [B1100-1-1]
- Please follow the component manufacturer’s carbon part torque specifications when installing components to a carbon fiber handlebar. Over tightening bolts may compromise the integrity of the handlebar. [B1100-2-1]
- Make sure the handlebar clamp area diameter matches that of the stem clamp diameter (i.e. 31.8mm, 28.6mm or 25.4mm). An incorrect match could result in handlebar and or stem damage, slippage and brakeage causing a possible loss of control and injury. [B2106-4-1]

Profile Design warrants all its products for two years from original purchase. For further details on the Profile Design warranty and Crash Replacement policy please visit www.profile-design.com/warranty