

Note to Dealers: After installation of product please provide consumer with this owner's manual.

Thank you for purchasing a Profile Design aerobar. Please read these instructions thoroughly before attempting to install this aerobar. Proper installation is required for compliance with the Profile Design warranty policy. If you are not familiar with the installation of aerobars, please seek the assistance of your local Profile Design dealer. You can find a dealer via the "dealer locator" at www.Profile-Design.com or by calling the Profile Design customer service number (888-800-5999 ext. 161).

Tools and materials required: 5mm Allen wrench and Torque wrench

- Threaded areas have been pre-treated during production of the product with a special bluetread locking compound. If this compound is not apparent reapply a suitable blue threadlocking compound as available from Loctite® or another company before assembly.
- ⚠️ WARNING Do not grease the handlebar clamping area as this may cause the aerobar to slip while riding resulting in loss of control.**
- This aerobar is designed to fit both 26.0mm and 31.8mm diameter handlebars. Four shims are provided to reduce the clamp diameter to 26.0mm from 31.8mm. The dimple on the shim must be placed into the recess of the clamp. This will prevent each shim from rotating.
- Once desired aerobar width, fore/aft preference, and tilt is determined, secure the top and bottom brackets to the handlebar by inserting the M5x18 mushroom head bolts through the lower bracket and into the upper bracket. Using the 5mm Allen wrench, evenly tighten these bolts to a torque of 44-53in.lbs (5-6Nm) Note: You may have to un-wrap the top section of handlebar tape in order to gain the desired clamping width. Do not route the brake or shift cable housing between the aerobar brackets and basebar - this will affect braking and/or shifting performance.
- Slide the aerobar extensions through the top bracket and adjust to the desired length and rotational angle. 10mm or more of the extension must be exposed through the backside of the J4 bracket to ensure adequate clamping. Using a 5mm Allen wrench, tighten the M6x40 socket head bolt to a torque of 53in.lbs. (6Nm)
- Attach the armrests to the J4 bracket. Use the M6x13 flat head bolts with the armrest washer and tighten the bolts to 30-40in.lbs. (3.4-4.7Nm) Repeat for the other armrest. The J4 brackets can be switched to attain a more forward position of the armrests. Note: Aerobar bracket risers are available separately and allow the J4 brackets to be raised in 5mm+ increments above the basebar.
- Once the armrests are installed, press the pads onto the Velcro backing of the armrest and hold firmly for 30 seconds. Repeat for the other armrest.
- If you wish to install bar end shifters into the tip of the extension tubes, slide the cable and housing through the opening provided. The housing can exit the underside of the extension or out of the end plug. **Do not exceed 45in-lb (5Nm) on the shifter mounting bolt.**
- Recheck the bolts for tightness after first usage and periodically thereafter to insure secure attachment of the aerobar.

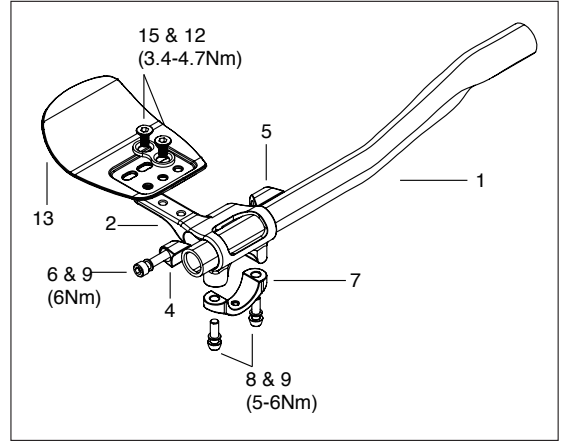


FIG. 1

Aerobar with J4 Bracket - Parts List			
Qty. Req.	Part #	Ref.#	Part Description
2	Misc	1	Aerobar Extensions
1	189308	2	Bracket-J4 Left
1	189309	3	Bracket-J4 Right (Not pictured)
2	366424	4	Wedge Small-J4 Internal
2	366425	5	Wedge Large-J4 Internal
2	313530	6	Bolt-M6x35mm SHB
2	189290	7	Bracket-"J" Non Threaded 31.8
4	919211	8	Bolt-M6x18mm MHB
6	550006	9	Washer-M6x9x0.8 SS
2	104255	10	Shim-Small O.S. (Not pictured)
2	104237	11	Shim-Large O.S. (Not pictured)
2	275555	12	Washer-M6 Armrest
1	Misc	13	Armrest Left
1	Misc	14	Armrest Right (Not pictured)
4	313411	15	Bolt-M6x13 FHB
1	Misc	16	Pad Left (Not pictured)
1	Misc	17	Pad Right (Not pictured)
2	716664	18	End Plugs-Logo w/ Cable hole (Not pictured)
2	Misc	19	Front end plugs (Not pictured)

WARNING

- Any failure to follow these warnings and instructions can result in breakage, 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 creaking component can be a sign of potential problems. Make sure all contact surfaces between components are clean, all bolt threads are greased or are treated with proper thread lock and tightened to Profile Design's (or the bike manufacturers) specifications and all components are properly sized to fit together. If you continue to experience creaking stop using the Profile Design component and call Profile Design customer service. [AP0601-2-2]
- 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. On the first and any subsequent assembly examine all male and female threads and bolts for stripped threads, cracks and any required lubrication or thread locking compound. [AP1100-3-2]
- 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 etc.). If you see any cracks, no matter how small, stop using the part immediately and call Profile Design customer service. [AP0302-4-2]
- 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 off on a ride or to a race. [AP1100-5-1]
- 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 uses, which is why professional level riders often use new bikes and components each season as well as having their bikes serviced by professional mechanics. Particular care should be placed in the regular examination of your bicycle and it's components to insure your safety. [AP1100-6-1]
- A number of factors can reduce the life of this component to less than its warranty period. Rider size and/or strength and riding style, high mileage, rough terrain, abuse, improper installation, sweat, adverse environmental conditions (such as salt air or corrosive rain), travel 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]
- Make sure the handlebar clamp area diameter matches that of the stem clamp diameter (i.e. 31.8mm, 26.0mm or 25.4mm). An incorrect match could result in handlebar and or stem damage, slippage or breakage causing a possible loss of control and injury. [B0706-4-1]
- Carbon fiber handlebars require special attention and maintenance. For installation of a stem with carbon fiber handlebars please refer to handlebar manufacturer's instructions prior to installation. [ST1100-1-1]
- Make sure you periodically recheck rear clamp (fork attachment) and front clamp (handlebar attachment) stem bolt tightness (especially after riding on rough terrain) to insure a good attachment. [ST1100-2-1]
- Forks with carbon fiber steering tubes require special attention and maintenance. Refer to fork manufacturer's instructions. [ST1100-5-1]

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