Easton Attack Handlebar



Congratulations on your purchase of an Easton ATTACK Handlebar. To ensure the best performance and longest service life from your handlebar, please read and carefully follow these installation instructions.

CAUTION!
A qualified bicycle mechanic using appropriate professional tools should install all Easton products. **Easton assumes no liability for products which are improperly installed.**

WARNING!
Failure to follow these instructions can result in component failure. Component failure can lead to loss of control of the bicycle and result in serious personal injury or death.

WARNING!
Easton ATTACK Handlebars can require riding positions that are new or different to many riders. We recommend you practice using these Handlebars in a low traffic area to become accustomed to any changes in the steering or handling characteristics of the bike. Please exercise caution when 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.

1. BEFORE YOU START
NOTE: ATTACK Handlebars require a stem with a removable or hinged face plate. Stem face plate and stem body at the handlebar interface cannot be wider than 45 mm.

- Verify that all required parts have been supplied in the box (Figure 1 – hardware, Figure 2 – handlebar).
- Confirm that the ATTACK Handlebar clamp surface diameter is the same as the stem's handlebar clamp diameter. Easton ATTACK Handlebars can only be mounted in stems with a 26.0 mm clamp diameter.

ATTACK Handlebars are designed to fit stems with compatible clamp diameters. Incorrect mating of the handlebar and stem can cause handlebar or stem failure.

- Remove the old handlebar and inspect the stem's handlebar clamp for burrs or sharp edges. Remove any burrs or sharp edges with 320/400 grit sandpaper.

Sharp edges can create stress risers on the handlebar, which could result in handlebar failure.

2. Installation of the Handlebar
CAUTION!
When installing Easton components in conjunction with another manufacturer's components, always follow that manufacturer's instructions for proper installation procedure. EASTON ASSUMES NO LIABILITY FOR DAMAGE CAUSED BY INSTALLING OTHER MANUFACTURERS PRODUCTS.

- Remove and lightly grease all bolt threads.
- Thoroughly clean the clamping surfaces of both the handlebar and the stem. Do not lubricate the clamping surfaces.
- Install the Easton ATTACK Handlebar in the stem (Figure 3), position it as desired, and secure it into position according to the stem manufacturer's instructions.

NOTE: The Attack Handlebar is designed for the Pursuit Handles (Brake Lever Hand Positions) to be oriented between 2 and 5 degrees from horizontal when mounted on the bike (Figure 4).

- Remove pad assemblies from packaging; grease all bolt threads; then install pad assemblies loosely on the carbon pad support arms with included clamp and fastener (Figure 5).

NOTE: There are left and right specific pad assemblies; the tallest side of the pad is designed to point to the outside (Figure 1).

- Adjust width of pad to desired position and tighten fastener to 15 in-lbs.

NOTE: There is an adjustment scale on the bottom of the carbon pad support arm that can be used for width positional reference.

3. Shifter Installation
CAUTION!
Easton Attack Handlebars come equipped for Shimano Bar End Shifters. You will need to own/purchase a pair of Shimano Shifters and utilize the included Easton hardware to adapt them to the Attack Handlebar. A different adapter is also available for Campagnolo Bar End Shifters (consult your local Easton dealer).

- Remove Shimano shift levers from their bracket by removing the slotted screw (Figure 6). Save the lever, square plastic washer, mounting nut, and slotted mounting screw. Keep the left and right sets of parts organized and set the Shimano mounting bracket aside (Figure 7).

NOTE: The shifter for the front derailleur can only be mounted on the left handle (when seated on the bike and looking forward) and the shifter for the rear derailleur on the right handle.

- Remove included shifter adapters and mounting screws from Easton packaging.

NOTE: There are left and right specific adapters. Holes for cable routing should be facing down when adapter is in proper orientation (Figure 8).

- Trim shifter cable housing to length. There should be enough housing to reach from end of handlebar to frame mounted shifter bosses. Make sure to leave enough slack for handlebars to turn without binding of cables.
- Insert shifter housing through grommet on bottom of aero extension (Figure 9) until it is flush with end of handlebar (Figure 10).

NOTE: Cable housing must be positioned in the proper spot through the X Shaped Extrusion on the end of the bar. It should be furthest away from the rider if seated on the bike.

- Insert shifter cable through Shimano lever, Easton shifter mount adapter, and insert into cable housing (Figure 11).
- Grease threads of bolt.
- Secure Easton shifter mount adapter to handlebar using included 5 mm bolt. Tighten bolt to 30 in-lbs.

NOTE: Adapter must be installed in proper orientation (Figure 12). Shimano Lever mounting surface must be vertical to ground and facing outward.

- Install Shimano lever to adapter using Shimano plastic square washer, Shimano mounting nut, and Shimano slotted screw (Figure 13). Tighten screw to shifter manufacturer's specifications.
- Attach cables to shifter and adjust as recommended by manufacturer.
- Repeat for second lever.

CAUTION!
The ends of the aero extensions where the shifters mount must not be cut down or modified in any way.

4. Brake Lever Installation
CAUTION!
Easton ATTACK Handlebars are only compatible with Easton supplied brake levers.

- Remove brake levers and hardware from packaging.

NOTE: There are left and right specific assemblies. Make sure not to mix parts. The left is for the front brake and the right for the rear brake.

- Starting on one side, install one end of spring in hole in metal bracket on end of pursuit bar. NOTE: There are two holes; spring is always inserted into hole on the inside of the bar (Figure 14).
- Trim brake cable housing to length. There should be enough housing to reach from end of handlebar to brake calipers. Make sure to leave enough slack for handlebars to turn without binding of cables.
- Insert brake cable housing through grommet on bottom of airfoil (Figure 15). Feed cable through bar until it protrudes through hole in center of metal bracket bonded to the end of the handlebar. (Figure 16).
- Install reach adjustment set screw in pivot body (Figure 17).
- Insert brake cable through center hole in black brake pivot body and into exposed end of brake housing through center of handlebar mounted metal bracket (Figure 18).
- Grease threads of provided 4 mm bolts and secure black pivot body to metal bracket (Figure 19). Torque to 25 in-lbs.
- Place a drop of blue Locktite® on spring anchor screw threads and install screw into side of Brake Lever Arm (Figure 20).

NOTE: It must be installed on the same side as the spring (right side for left lever and left side for right lever).

- Install bronze bushings into brake lever arm (Figure 21).

NOTE: Bushings should be installed into both sides.

- Move Lever into position, insert brake cable end into lever and, using needle nose pliers or a wire with a bent hook, grab free end of spring and stretch over spring anchor screw (Figure 22).

NOTE: Make sure that hook on end of spring is secure in slot of spring anchor screw.

- Install a Delrin washer between each bronze bushing and pivot body (Figure 23).

NOTE: Several thicknesses of Delrin washers are provided (identified by color) to allow the user to optimize fit and feel.

- Put a drop of blue Locktite® on the threads of the pivot bolt, install pivot bolt and nut into brake lever assembly, and torque to 25 in-lbs. (Figure 24).

NOTE: Correct orientation of hardware is required.

- Verify that lever is secure and rotates freely.
- Verify that brake cable end sits in receptacle and slot without interference (Figure 25).
- Attach free end of cable and housing to brake caliper following brake caliper manufacturer's instructions.

CAUTION!
Make sure that brake calipers/pads are adjusted as close to rim sidewall as possible and that there is sufficient lever movement to properly activate brakes. Improperly adjusted brakes can lead to loss of control, which can result in serious injury or death.

- If needed, adjust brake lever reach using the reach adjustment setscrew (Figure 26). When reducing lever reach, the brakes must be readjusted to make sure there is sufficient lever movement for proper brake activation.
- Attach plastic cap to pivot body using provided screw (Figure 27).
- Repeat procedure for other brake lever.

CAUTION!
The ends of the pursuit extensions where the brake levers mount must not be cut down or modified in any way.

5. Pad Replacement
- Using a screwdriver, unclip the snaps that hold the pad ring to the pad holder. Work around the pad until all snaps are removed (Figure 28).
- Lift off pad ring and remove old pad (Figure 29).
- Place new pad on pad holder and snap pad ring in place, making sure to completely sandwich lip of pad. Make sure all snaps are secure.

NOTE: Some slight trimming of pad lip with scissors may be required to obtain optimal fit. When trimming, be careful not to cut into Lycra covering surrounding main pad.

CAUTION!
Whenever an Easton ATTACK Handlebar equipped bike is placed on a roof rack or mounted externally on a vehicle for transport, remove the armrest pads. Easton Warranty does not cover pads lost during transport.

6. Grip Replacement
- Remove or roll back the black rubber grip termination ring.
- Remove shifter adapters and brake levers
- Make a notch or cut in end of grip using an Exacto® knife or pair of scissors (Figure 30).

Take care not to nick, scratch or score the carbon body in any way, as this can weaken the handlebar and lead to failure.

- Tear/peel grip from bar.
- Clean surface of ATTACK Handlebar.
- Apply grip adhesive to carbon handlebar surface where grip mounts.
- Slide new grip over handlebar.
- Wipe off excess glue.
- Re-install grip termination ring

NOTE: The grips are designed to provide an excellent tactile surface when riding and enhance grip, especially when wet. If desired, the grips may be removed and traditional handlebar tape used.

7. Computer Mount Assembly
A Custom Computer Mount is available as an additional accessory. This can be installed as follows.

- Remove 3 mm mounting bolt completely from the computer mount assembly.
- Choose on which side you want to mount the Computer Mount.

NOTE: The Mount can be mounted on either the left or right aero extensions.

- With your fingers, expand the mount just enough so it can be inserted over the bar end shifter and aero extension grip.

NOTE: Be careful not to force the mount open further than the minimum needed to slide over the bar, as the high performance plastic can be damaged.

- Move mount into position on the aero extension.

NOTE: The Computer Mount is designed to be installed approximately 150 mm from the stem centerline for the Medium and 125 mm for the Small.

Re-install bolt in mount and tighten to secure to handlebar (Figure 31).

Install computer on mount following computer manufacturer's instructions.

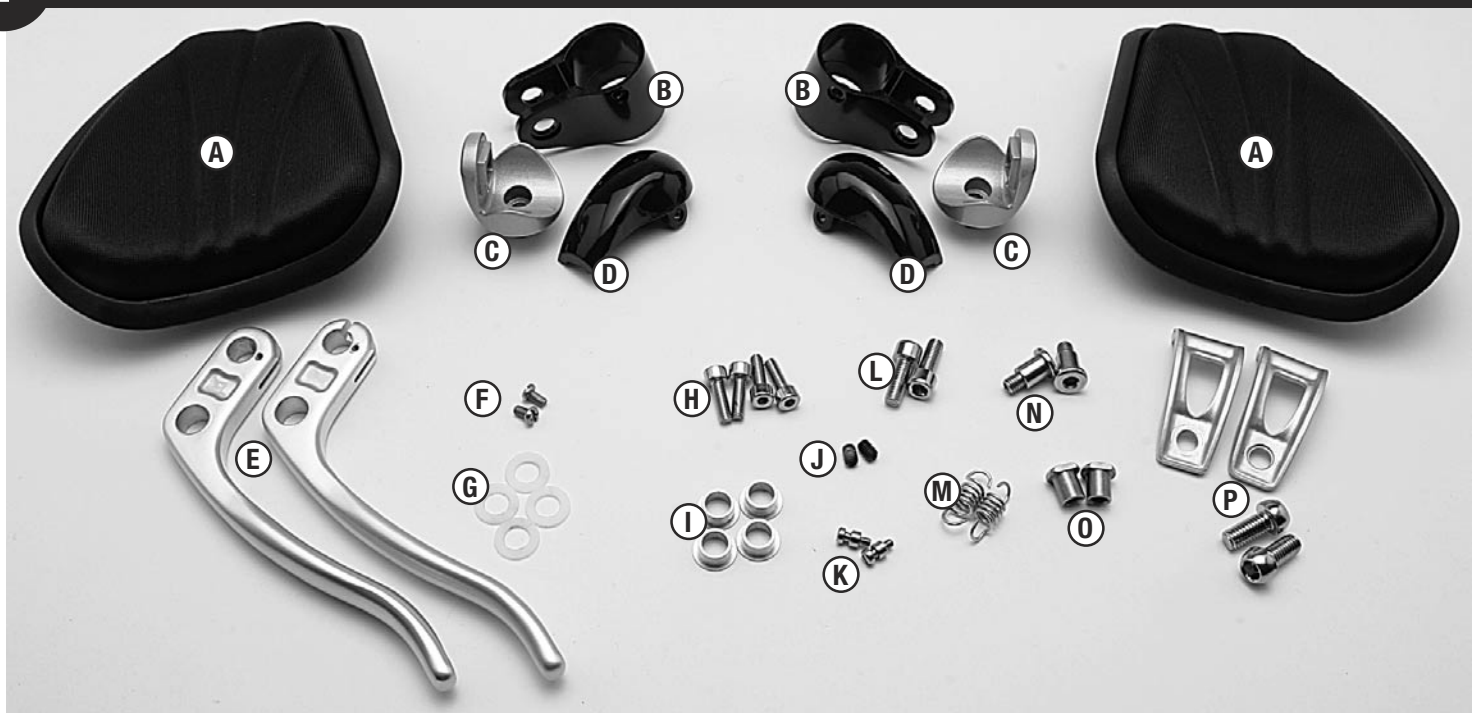
8. Maintenance
ATTACK Handlebars must be maintained and inspected closely. In particular:

- Inspect for dents, bends, deep scratches, cracks or gouges before each ride. If any are visible, do not use the bicycle until the handlebar has been replaced. Handlebars may be severely weakened even if no damage is visible. After a major impact or accident, even if no damage is visible, have a dealer inspect the handlebar before using the bicycle. Do not attempt to straighten a bent handlebar. It must be replaced.
- Before clamping any item to the handlebar, make sure the clamp is free of any burrs or sharp edges. Do not use a rotating motion to mount any clamped item on the bars. Scratches can cause stress concentrations that can significantly shorten the life of the handlebar.
- Replace your handlebars periodically. Consult your dealer as to the appropriate frequency of replacement. Replace a scratched or damaged handlebar immediately. Destroy any handlebar which you have replaced for safety reasons.

WARRANTY
Easton products are warranted to be free of defects in materials and workmanship. Easton carbon fiber handlebars are warranted for lifetime. Warranty is for the original owner only and proof of purchase is required. This warranty is in lieu of all other warranties. ANY IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE OR WARRANTIES OF MERCHANTABILITY ARE LIMITED TO THE DURATION OF THE EXPRESSED WARRANTY. Depending on individual state laws, the above exclusion may not apply to you. This warranty gives you specific rights. You may have other legal rights depending on the state in which you reside.

Please consult the Contact Us page of the Easton web site <www.eastonbike.com> for warranty contact information. Select U.S. Dealers or International Distributors depending on your location.

1 Parts List • Overzicht onderdelen • Liste des pièces • Elenco parti • Teileliste



A Elbow pads (left and right)
Armauflagen (links und rechts)
Appuie-bras (G & D)
Ammortizzatori per i gomiti (sinistro e destro)
Elleboogsteunen (L & R)

B Pivot bodies (left and right)
Hebelkörper (links und rechts)
Pivots (G & D)
Corpi dei perni (sinistro e destro)
Draaiende delen (L & R)

C Shifter adapters (left and right)
Schalthebeladapter (links und rechts)
Adaptateurs des manettes (G & D)
Adattatori per i comandi del cambio (sinistro e destro)
Versnellingsadapters (L & R)

D Plastic caps (2)
Kunststoffabdeckungen (2)
Capuchons de plastique (2)
Coperchi in plastica (2)
Plastic doppen (2)

E Brake levers (2)
Bremshebel (2)
Leviers de frein (2)
Leve dei freni (2)
Handremmen (2)

F Fasteners for plastic caps (2)
Halterungen für Kunststoffabdeckungen (2)
Fixations des capuchons de plastique (2)
Fermagli per coperchi in plastica (2)
Bevestigingen voor plastic doppen (2)

G Delrin washers (3 x 4)
Delrin-Unterlegscheiben (3 x 4)
Joints Delrin (3 x 4)
Rondelle Delrin (3 x 4)
Delrin-pakkingen (3 x 4)

H 4 mm fasteners for pivot-body (2)
4 mm-Halterungen für Hebelkörper (2)
Fixations de 4 mm pour pivot (2)
Fermagli da 4 mm per il corpo del perno (2)
Bevestigingen van 4 mm voor draaiend deel (2)

I Bronze bushings (4)
Bronze-Buchsen (4)
Bagues de bronze (4)
Boccole di bronzo (4)
Bronzen doorvoeren (4)

J Reach adjustment set screws (2)
Einstellschrauben (2)
Vis de réglage de la portée (2)
Viti di fermo di regolazione della portata (2)
Afstelschroeven voor het bereik (2)

K Spring anchor screws (2)
Federbefestigungsschrauben (2)
Vis d'ancrage du ressort (2)
Viti di ancoraggio della molla (2)
Veerverankeringsschroeven (2)

L Shifter adapter mounting screws (2)
Schalthebeladapter-Montageschrauben (2)
Vis de montage des adaptateurs des manettes (2)
Viti di montaggio dell'adattatore per i comandi del cambio (2)
Montageschroeven voor versnellingsadapter (2)

M Springs (2)
Federn (2)
Ressorts (2)
Molle (2)
Veren (2)

N Pivot bolts (2)
Bremshebelschrauben (2)
Boulons des pivots (2)
Bulloni dei perni (2)
Bouten voor het draaiende deel (2)

O Pivot nuts (2)
Bremshebelmuttern (2)
Écrous des pivots (2)
Dadi dei perni (2)
Moeren bij de bouten voor het draaiende deel (2)

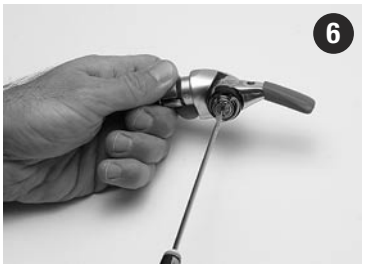
P Pad clamps and fasteners (2)
Klemmschrauben (2)
Colliers de serrage des appuie-bras avec attaches (2)
Dispositivi di bloccaggio e fermagli degli ammortizzatori (2)
Klemmen en bevestigingen voor de steunen (2)






4
EASTON

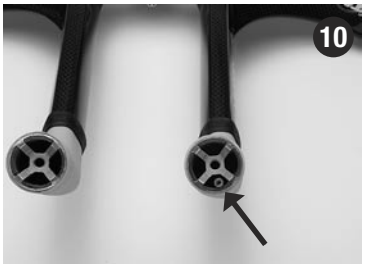

5


6


7


8


9
EASTON


10


11


12

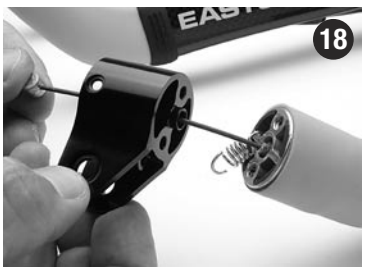

13


14


15


EASTON
16


17


18


19


20


21


22


23


24


25
EASTON

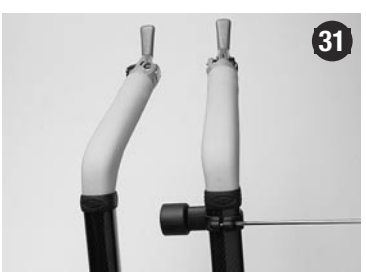

26


EASTON
27


28


29


30


31