



FORKS INSTRUCTIONS

JULY 2016

THANK YOU FOR PURCHASING YOUR NEW KINESIS FORK.

PLEASE REMEMBER TO REGISTER YOUR PRODUCT WITH US AT KINESISBIKES.CO.UK

HERE YOU WILL ALSO FIND FURTHER FAQ'S AND SUPPORTING TECHNICAL DOCUMENTS.

From our earliest products, the objectives at Kinesis UK have always been to create bikes, bike frames, forks, wheels and components that excel in UK riding conditions. For us to put a Kinesis UK badge on any product it must be well made and dependable all year round, perform at a level beyond its price point and help people have fun while riding or in use.



WARNING: Cycling can be dangerous. Bicycle products should be installed and serviced by a professional mechanic. Never modify your bicycle or accessories. Read and follow all product instructions and warnings including information on the manufacturer's website. Inspect your bicycle before and after every ride. Always wear a helmet.








TOOLS REQUIRED

- Crown race setting tool (if required)
- Star nut setter (for aluminium steerers)
- Hammer/mallet
- Steerer tube cutting guide (recommended)
- Hacksaw and suitable blade
- Permanent marker or tape
- Cutting fluid (recommended)
- Torque wrench


Check and confirm that the fork, headset and all required parts for proper assembly have compatible dimensions. The fork, headset, headset spacers and stem steerer clamp must have compatible diameters. Use of incompatible components can cause component failure.


Make sure headset and stem parts that come into contact with the steerer tube are free of burrs or sharp edges. Remove burrs or sharp edges by using very fine grit sandpaper or file.


FORK INSTALLATION


1. Some of our forks have an integrated crown race. Identify if the fork has one by checking the fork specification.
2. Once the headset cups have been installed into the frame (if the frame needs them) according to the headset manufacturer's instructions, install the crown race if the fork needs one. Holding the fork in one hand, install the headset's fork crown race onto the fork race seat with a headset crown race setting tool and hammer.
 **WARNING:** Do not rest the fork dropouts on the floor or other hard surface during installation; doing so can damage the fork, rendering it unsafe, dangerous, or deadly to ride.
3. Install the bottom assembly of the headset according to the manufacturer's instructions and insert the fork into the headtube. Install the top assembly of the headset according to the manufacturer's instructions.
4. Check the amount of spacers required for the fit. No more than 40mm of spacers to be used (above and below the stem combined) for aluminium steerer tubes, and 30mm for carbon steerer tubes. We recommend at least 5mm of spacer above the stem, so the preload cap is loading against a spacer not the stem itself.
5. Install the stem on the steerer and slide it down to seat it firmly against the spacers on the top of the headset (if spacers are required). Gently tighten the stem's steerer clamp bolt(s) just enough to hold the assembly in place.
6. Mark the steerer tube at the top edge of the stem. Remove the stem and spacers from the steerer and the fork from the bike. Mark the steerer again, this time 3mm below the first mark. This will be your cutting mark.
7. To ensure a square cut, the use of a steerer tube cutting guide is strongly recommended. Using a hacksaw with a fine-toothed cutting blade (carbon or aluminium specific), begin cutting the steerer at the cutting mark — the use of cutting fluid is recommended. Once cut, use a file to remove any burrs on the inside and outside edges of the steerer tube.
8. Install the star nut or expander bung supplied with the headset, into the steerer tube per the manufacturer's instructions.
 **WARNING:** Again, do not rest the fork dropouts on the floor or a hard surface; doing so can damage the fork, making it unsafe, dangerous, or deadly to ride.
9. Reinstall the fork, headset assemblies, spacers, and stem, and pre-load the top cap to attain the proper headset adjustment in accordance with the headset manufacturer's instructions. Tighten the stem's steerer clamp bolt(s) to the stem manufacturer's specifications.
 **WARNING:** During installation, ensure all surfaces are clean, and a small amount of grease is applied to the bearings and seats. Too much grease can degrade a carbon steerer/frame and also soften the carbon, causing premature fatigue.
10. Attach the front wheel to the fork, and align the stem with the front wheel. Tighten the stem's steerer clamp bolts to the stem manufacturer's specifications. While straddling the top tube and holding the front wheel between your legs, make a strong attempt to rotate the stem around the steerer. If the stem rotates, increase the torque on the steerer clamp bolts; do not exceed 5Nm.
 **WARNING:** Alignment of the front wheel assembly should not be less than 6mm clearance between the tyre, frame, fork, or fender and its attachment bolts. Inadequate tyre clearance can result in serious injury or death.
11. Follow the wheel manufacturer's instructions for correct clamping of the wheel quick release and install the front wheel.
 **WARNING:** Failure to properly adjust the quick release and secure the wheel can result in serious injury or death.
12. Install and adjust handlebar to stem following stem and handlebar manufacturer's instructions.
 **WARNING:** Failure to properly install and adjust handlebar and stem can result in serious injury or death.
13. Install and adjust the front brake following the brake manufacturer's instructions.
 **WARNING:** Failure to properly install and adjust brakes can result in serious injury or death.
14. Check the tightness of the stem bolts before and after each ride, and inspect the fork for damage before and after every ride.

ONGOING MAINTENANCE

-  **WARNING:** Do not modify the fork, other than cutting the steerer tube to the correct length for your bicycle. Modifying the fork not only voids the warranty, but more importantly could cause fork or other component failure resulting in serious injury or death.

-  **WARNING:** Every bicycle component has a finite useful life. A bicycle and its components such as forks are subject to wear and stress. Different materials and mechanisms wear or fatigue from stress at different rates with different life cycles. If a component's life cycle is exceeded, the component can suddenly and catastrophically fail without warning, causing serious injury or death to the rider. This is why you need to frequently inspect your bicycle and its components for any signs of wear or fatigue. If you have any queries, always consult your local bike shop/workshop. Scratches, cracks, bending, fraying or discoloration are all signs of stress-caused fatigue and may indicate that a part is at the end of its useful life and needs to be replaced. When you see any of these signs, please stop riding the bicycle. Take it to a dealer for inspection, repair or replacement as necessary.

-  **WARNING:** Road salt is often used in the UK. Road salt can accelerate corrosion of metal parts. It is important that any road salt residue is cleaned off as soon as possible.

-  **WARNING:** While the materials and workmanship of your bicycle, bicycle fork or components may be covered by a warranty for a specified duration, this is no guarantee that the product will last the term of the warranty. Product life is often related to the kind of riding you do and to the treatment to which you submit the bicycle. The warranty is not meant to suggest that the bicycle or component cannot be broken or will last forever. It only means that the product is covered subject to the terms of the warranty.

Loosen the stem's steerer clamp bolts before making any stem-to-fork alignment adjustments.

Periodically remove, clean and inspect your fork for damage, cracks or any other damage. Any questions about markings or cracks on the fork should be directed to your local dealer immediately.

Regularly inspect all components for any damage and replace components upon detection. In the event of a crash or impact, carefully inspect all bicycle components for damage or markings. As with any component under varying degrees of stress there is a fatigue life that is proportional to the type of use and forces applied to the component. Always inspect your components before and after a ride. If you have doubts about the integrity and condition of any part, replace it as a precaution. Consult your dealer if you are unsure about the condition of your fork or any part of your bicycle.

KINESIS LIMITED WARRANTY

This Kinesis product is warranted against defects in materials and workmanship for one year from the date of retail purchase of the product, subject to the limitations detailed below. It is always recommended to keep a copy of your dated proof of purchase.

This warranty does NOT cover the following:

- Damage due to improper assembly.
- Damage due to lack of follow-up/routine maintenance or lack of skill, competence or experience of the user or assembler.
- Products that have been modified, neglected, used in competition or for commercial purposes, misused or abused, involved in accidents or anything other than normal intended use.
- Installation of components, parts or accessories not originally intended for or compatible with this Kinesis product as sold.
- Normal wear and tear.

This limited warranty applies only to the original purchaser of this Kinesis product and is not transferable.

This warranty applies only to products purchased through an authorized dealer or distributor.

This limited warranty gives the consumer specific legal rights, which may vary from place to place.

This limited warranty does not affect your statutory rights.