



**K-EDGE ROAD & K-EDGE CLAMP CHAIN CATCHER COMPATIBILITY**

There are two **K-Edge Road** chain catcher designs to accommodate and overcome the many variables of mounting a chain catcher on the modern road or cyclocross bicycle.



**K-Edge Road Chain Catcher (Braze-On)**



**K-Edge Clamp Road Chain Catcher**

**K-Edge Road Chain Catcher (Braze-On) Compatibility:**

The **K-Edge Road** is compatible with braze-on style front derailleurs only. This includes framesets with braze-on mounts, as well as seat tube clamps that accept braze-on front derailleurs. For fitting a K-Edge Road Chain Catcher to a bicycle with an existing clamp-on front derailleurs we offer the **K-Edge Clamp Chain Catcher**....go to that section below for information.



**Braze-on Front Derailleur**



**Frame Braze-on**



**Braze-on clamp**

Braze-on front Derailleur mounts to either a fixed braze-on attached to the frame or to a Braze-on clamp.



Assembly of a K-Edge and front derailleurs to a "Braze-On" clamp.

## K-Edge Road Chain Catcher (Braze-On) Compatibility: Continued

### Hard to Fit Kit (HFK)

For most frame and front derailleur configurations, the standard hardware included with the K-Edge Road will be sufficient to properly mount the K-Edge. However there exist a couple of configurations where the Hard to Fit Kit (HFK) may be required.



The HFK includes: 5mm spacer, 30mm bolt, radius washer, spare star and flat washers.



HFK radius washer & hardware on left and Campagnolo hardware on right.



HFK 5mm spacer and 30mm bolt used to space K-Edge away from seat tube on this Cervelo R3.

### Campagnolo

Most frame braze on mounts are curved to allow for proper front derailleur setup and adjustment. Because of the curved nature of the frame mount, a curved "radius washer" is required on the opposite side of the derailleur where the bolt attaches. Most, if not all Campagnolo front derailleurs have this radius washer captive to the derailleur fixing bolt. In order to properly mount the K-Edge Road to a Campy front derailleur, you must use the aluminum radius provided with the HFK and either the 20mm or 25mm bolt provided with the K-Edge.

### Large Diameter Seat Tube Clearance

Cervelo R3, R3-SL, RS, and also the Ridley Noah have been found to require the 5mm spacer in the HFK for easier install and adjustment. There are probably more frames out there too. Because of the larger seat tube of some bicycles, it is quite possible that the K-Edge with stock mounting hardware may interfere with the frame and/or braze on mount. If this is the case, the 5mm spacer and longer bolt may be required to position the K-Edge Road further forward of the braze-on mount. Bolt length varies based on configuration of derailleur, braze-on mount thickness, and whether or not the 5mm spacer. Included with the HFK is a 30mm bolt which typically should only be required for SRAM front derailleurs when using the HFK 5mm spacer.

### A Word About Bolt Length:

The K-Edge Road is provided with two replacement bolts of 20mm and 25mm in length for attaching your front derailleur. In addition, the HFK also includes a 30mm bolt. Since the K-Edge Road adds approximately 5mm of thickness to the mounting point of your front derailleur, these longer bolts are required to properly attached and hold your front derailleur. Common front derailleur configurations are as follows.

**SRAM (all models) = 25mm bolt length**

**Shimano (Dura Ace / Ultegra) = 25mm bolt length**

**Shimano Dura Ace 7900 = 20mm bolt length**

**Campagnolo = 20mm bolt length**

Note: the above are recommendations only; your particular frame and mount may require a slightly different length bolt. We recommend you attempt to install the K-Edge road with the longest bolt provided and check for tightness and interference with derailleur operation. If you have to go to the next size smaller, then do so. But under no circumstances should the stock derailleur bolt be used with the K-Edge as it will be too short to properly hold the K-Edge and front derailleur. If you are using the HFK 5mm spacer to accommodate and provide clearance for larger seat tubes, use a 5mm longer bolt than the recommendation provide above.

### Triple Chain Ring Configurations

The K-Edge was designed to accommodate a wide variation in chain ring sizes. For example, we've successfully installed the K-Edge on a TT Bike equipped with 56 tooth outer and 38 inner chain rings. With the popularity of triple crank/chain ring combinations, we've received a number of requests asking whether or not the K-Edge will work. It really all depends on your particular setup, mainly the distance from the front derailleur fixing bolt to the top of your inner chain ring. The K-Edge is approximately 90mm in length. This means that the distance from where the K-Edge attaches to the front derailleur hanger (center of the bolt) to the top of the inner chain ring should be less than 90mm – ideally 85mm or less. In addition, the 5mm spacer in the Hard To Fit Kit will generally be required to allow for frame clearance for the larger, triple front derailleur.

Recognizing that the standard K-Edge Road may not work with all triple combinations, we are in the process of offering a K-Edge Triple that is slightly longer in length.



ROAD

CROSS



## K-Edge Clamp Chain Catcher Compatibility:

The **K-Edge Clamp Road** is more straight forward in that it mounts to a round seat tube frame. It is designed to be used in conjunction with a clamp mounted front derailleurs.



Clamp Derailleur



K-Edge Clamp Road



Installed

The **K-Edge Clamp** can be adjusted up and down on the seat tube for optimum position. It is compatible with double and triple cranksets and derailleurs.



The **K-Edge Clamp** version also has a set-screw built into the K-Edge Catcher which assists in fine-tuning the position and also prevents it from pivoting inward.

The **K-Edge Clamp** can also be used for single ring applications, such as this example on a cross bike.

