

KINETIC® TRAXLE

Installation Guide

Part# T-2100

PATENT 9,656,719

FINE THREAD

135-148mm x 12mm | M12 x 1.00

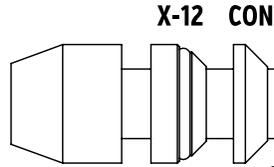
KINETIC

5280 Main Street NE
Minneapolis, MN 55421
1-877-226-7824

www.kurtkinetic.com

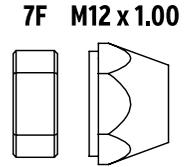
Facebook: Kinetic

Twitter: @KineticTrainer



NON-DRIVE SIDE

***Note:** Due to variations in dropout thickness you may need to vary washer placement to achieve the correct fit. If installing axle onto a Syntace X-12 equipped bike with very thick drop-outs you may have to use Adapter CON instead of Adapter X-12 in some cases. Fit should be tight against non-drive dropout. Drive side axle should not be protruding past the nut (and contacting trainer cone cup) and should be within 1-2 mm of flush with the outside of the nut.



DRIVE SIDE

1. Remove Current Skewer
2. Decide which adapter is needed for your application [Look at your current skewer for help]

X-12 Is for Syntace X-12 [Make Sure O-Ring is installed in groove]
CON is for DT Swiss Tapered cone skewer
No Adapter on non-drive side is for DT Swiss Flat axle.

3. Apply as small amount of grease to axle prior to installation.

4. Using a 6mm Allen Wrench, Thread axle thru frame and tighten securely.
5. Look at drive side of axle and decide if a **7F** spacer is needed to ensure nut covers all threads. No threads should be visible when nut is installed. [Thickness of dropouts will decide if a **7F** spacer is necessary or not]
6. Install a **7F** spacer if necessary, then thread on nut and tighten down against frame using 18mm wrench.



INCORRECT!
threads protrude and can touch cone cup



CORRECT*
within 1-2 mm: flush with outside of nut

KINETIC® TRAXLE

Installation Guide

Part# T-2120

PATENT 9,656,719

FINE THREAD XL 135-150mm x 12mm | M12 x 1.00

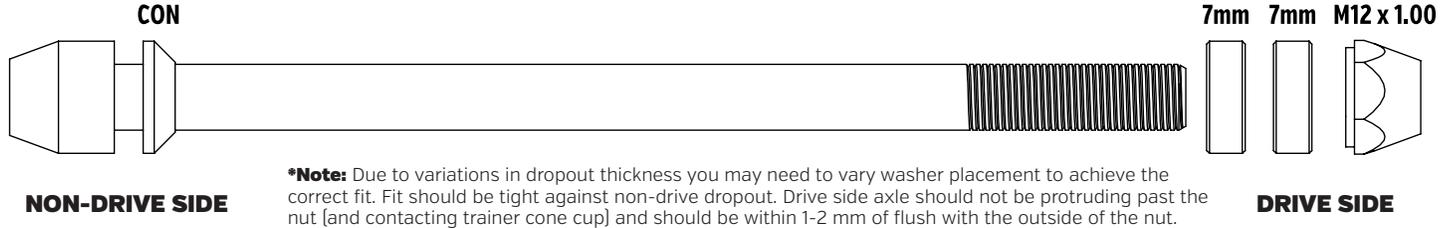
KINETIC

5280 Main Street NE
Minneapolis, MN 55421
1-877-226-7824

www.kurtkinetic.com

Facebook: Kinetic

Twitter: @KineticTrainer



1. Remove Current Skewer
2. Decide which adapter is needed for your application (Look at your current skewer for help)
CON is for DT Swiss Tapered cone skewer
No Adapter on non-drive side is for DT Swiss Flat axle.
3. Apply as small amount of grease to axle prior to installation.
4. Using a 6mm Allen Wrench, Thread axle thru frame and tighten securely.

5. Look at drive side of axle and decide if a **7mm** spacer is needed to ensure nut covers all threads. No threads should be visible when nut is installed. [Thickness of dropouts will decide if a **7mm** spacer is necessary or not]
6. Install one or both **7mm** spacers if necessary, then thread on nut and tighten down against frame using 18mm wrench.



INCORRECT!
threads protrude and can touch cone cup



CORRECT*
within 1-2 mm: flush with outside of nut

KINETIC® TRAXLE

Installation Guide

Part# T-2101

PATENT 9,656,719

COARSE THREAD

135-150mm x 12mm | M12 x 1.75

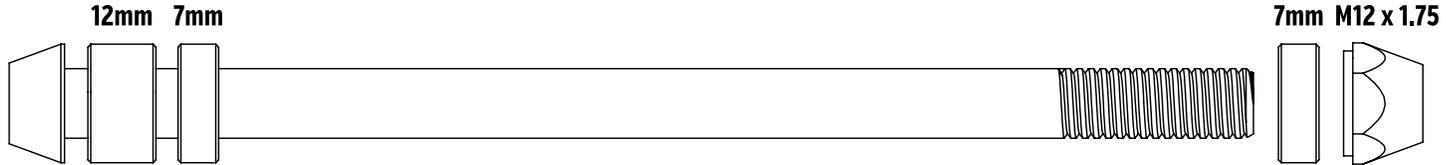
KINETIC

5280 Main Street NE
Minneapolis, MN 55421
1-877-226-7824

www.kurtkinetic.com

Facebook: Kinetic

Twitter: @KineticTrainer



NON-DRIVE SIDE

***Note:** Due to variations in dropout thickness you may need to vary washer placement to achieve the correct fit. Fit should be tight against non-drive dropout. Drive side axle should not be protruding past the nut (and contacting trainer cone cup) and should be within 1-2 mm of flush with the outside of the nut.

DRIVE SIDE

1. Remove Current Skewer
2. Decide which adapter is needed for your application (Look at your current skewer for help)

135 x 12mm: Use a **12mm** and **7mm** spacer on non-drive side and a **7mm** spacer on the drive side.

142 x 12mm: Use a **12mm** and **7mm** spacer on non-drive side, nothing on drive side.

150 x 12mm: Use a **12mm** spacer on non-drive side, nothing on drive side

Trek APB 142 x 12mm: No spacers necessary

3. Apply as small amount of grease to axle prior to installation.
4. Install required spacers onto axle – 7mm (D) and 12mm (E) on non-drive side
5. Using a 6mm Allen Wrench, Thread axle thru frame and tighten securely.
6. Optional: Install required spacer onto axle – 7mm (F) on drive-side.
7. Thread on nut and tighten down against frame using 18mm wrench.



INCORRECT!
threads protrude and can touch cone cup



CORRECT*
within 1-2 mm: flush with outside of nut

KINETIC® TRAXLE

Installation Guide

Part# T-2102

PATENT 9,656,719

MEDIUM THREAD

135-148mm x 12mm | M12 x 1.50

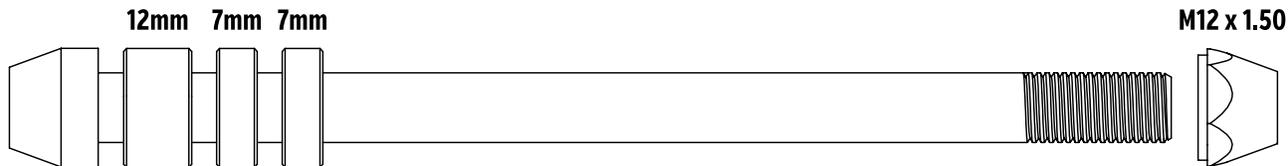
KINETIC

5280 Main Street NE
Minneapolis, MN 55421
1-877-226-7824

www.kurtkinetic.com

Facebook: Kinetic

Twitter: @KineticTrainer



NON-DRIVE SIDE

***Note:** Fit should be tight against non-drive dropout. Drive side axle should not be protruding past the nut (and contacting trainer cone cup) and should be within 1-2 mm of flush with the outside of the nut. If the axle does not fit accordingly, contact us at www.kurtkinetic.com or 1-877-226-7824.

DRIVE SIDE

1. Remove Current Skewer
2. Apply as small amount of grease to axle prior to installation.
3. Using a 6mm Allen Wrench, Thread axle thru frame and tighten securely.
4. Thread on nut and tighten down against frame using 18mm wrench.
5. Use **7mm** or **12mm** spacers as needed to leave threads flush to within 1 - 2 mm of the outside of the nut.



INCORRECT!

threads protrude and can touch cone cup



CORRECT*

within 1-2 mm: flush with outside of nut