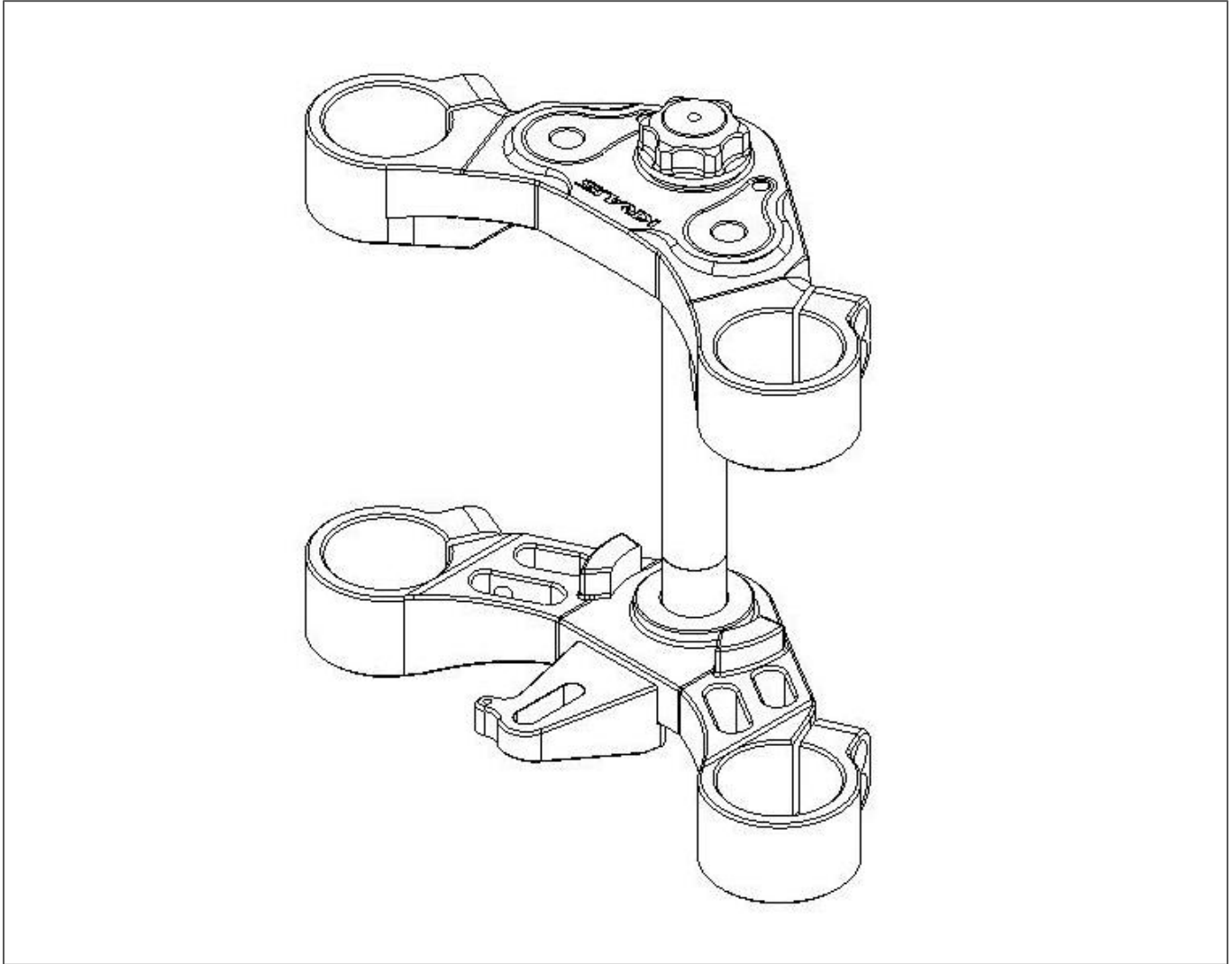


Kraus Sport Performance 49mm Triple Tree Installation Guide



KRAUS Motor Company designs, engineers, and manufactures performance suspension and braking systems for Harley-Davidson™ motorcycles. These systems are designed to deliver improved handling and performance in diverse riding conditions.

These instructions are meant to be an overview, a guide for the experienced technician. If you do not have prior experience or training installing motorcycle suspension componentry, we strongly recommend that you consider hiring a qualified, experienced technician to install this KRAUS Performance package for you.

About Finishes:

Like most finishes, anodizing is delicate and can be scratched. Extra care should be taken during installation and cleaning of all anodized parts. Although we use a high grade type 2 anodizing that has UV resistance, anodizing is an organic process/ substance and can fade with excessive sun exposure and can be stained with certain chemicals and cleaners.

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*Time Commitment: 2.5 hours for a Sr. Tech.
Existing Componentry and OEM Fork Set
Removal: 1 hours
KRAUS Performance Package install: 1.5 hours
Validation and Road Test: .5 hour*

Tools Required:

- Torque wrench
- Allen Key Set: SAE & Metric
- Socket Set: SAE & Metric
- Flat Blade Screwdriver

Begin at the point at which you have removed your OEM parts:

- Brakes
- Front Wheel
- Front forks
- Triple tree

And any associated bodywork or accessories.

Remember: take your time removing all of the controls and bodywork. We recommend covering your tank.

- 1**
Clean and re-pack your bike's neck bearings
- 2**
Install/slide the lower neck bearing dust shield followed by the lower neck bearing onto stem. Press them carefully onto the stem attached to the lower triple tree.
- 3**
Press the lower bearing down the stem towards the dust shield until firmly seated at the stem's base. The bearing should spin freely.
- 4**
Apply the specified and appropriate grease to the upper and lower neck bearing races.
- 5**
Carefully slide bottom triple tree and stem up through frame neck.
- 6**
Carefully place the top neck bearing onto the stem.
- 7**
Gently press the upper bearing down the stem towards the fork neck until firmly seated on the top bearing race. The bearing should spin freely. Place top dust shield over the top neck bearing.
- 8**
Apply a small amount of threadlocker **Blue** to The Kraus Triple Tree Tensioning Nut
- 9**
Tighten the Tensioning nut until snug then back off one flat so that the triple tree swings smoothly without excessive friction. Bearings should not have any play.
- 10**
Install bars and risers onto top triple tree.
- 11**
Install the top triple tree on top of Tensioning nut.
- 12**
Apply **Blue** threadlocker onto Yoke nut then install washer and Yoke nut, torque to **65 ft. lbs.**
- 13**
Ensure pinch bolts are loose. Starting with one side of the triple tree using small soft flat blade screwdrivers or shims, expand both top and bottom fork clamp pinch bolts slightly. Slide the fork into the triple trees, while avoiding marring the fork legs. Repeat process with opposite side.

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Adjust the fork tube height in the triple trees so that just the fork cap is protruding above the top triple tree. Set both forks equal height in triple trees, confirm alignment by sliding the axle into the fork lowers.

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Tighten the KRAUS **TOP** triple tree pinch bolts to **35 ft. lbs.** torque.

16

Tighten the KRAUS **BOTTOM** triple tree pinch bolts to **35 ft. lbs.** torque.

IMPORTANT!!!!!!

Once step 16 is complete check fall away before moving to step 17.

We recommending setting fall away to just a little tighter than stock.

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For bikes with ABS use supplied shoulder bolt to install stock brake line T to the bottom of the Kraus Triple Trees.

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Once the triple trees is installed and tightened up to specifications, you are ready to reinstall any bodywork ar accessory componentry.

We recommend that you refer to your OEM manual for procedure, step by step run through, required tools and specifications.

All pieces and parts are properly installed! Go for a slow, careful test ride. Afterwords, double check all pieces, parts and systems.