



Instructions for installation
GeezerEngineering 49mm Fork Sliders
Touring models 2013-earlier
(triple tree conversion kit required)
Touring models 2014-up

<https://GeezerEngineering.com/pages/instructions>

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Warning: The installation of this product requires the skills of qualified motorcycle technicians and should be performed by qualified, professional workshops only. There are two versions of this product: 2013 and earlier touring models and 2014 and later touring models. The difference is in the mounting pattern for the front fenders. 2013 and earlier front fenders will not fit 2014 and later fork sliders – and vice versa.

2013 and earlier touring models require a GeezerEngineering 49mm triple tree conversion kit. Please always refer to the correct service manual (available through authorized dealerships) for your motorcycle model and year to ensure correct procedures are used for disassembly and reassembly of your motorcycle.

Content:

1. Assembly of fork legs
2. Installation of the steel sleeve
3. Installation of axle and wheel

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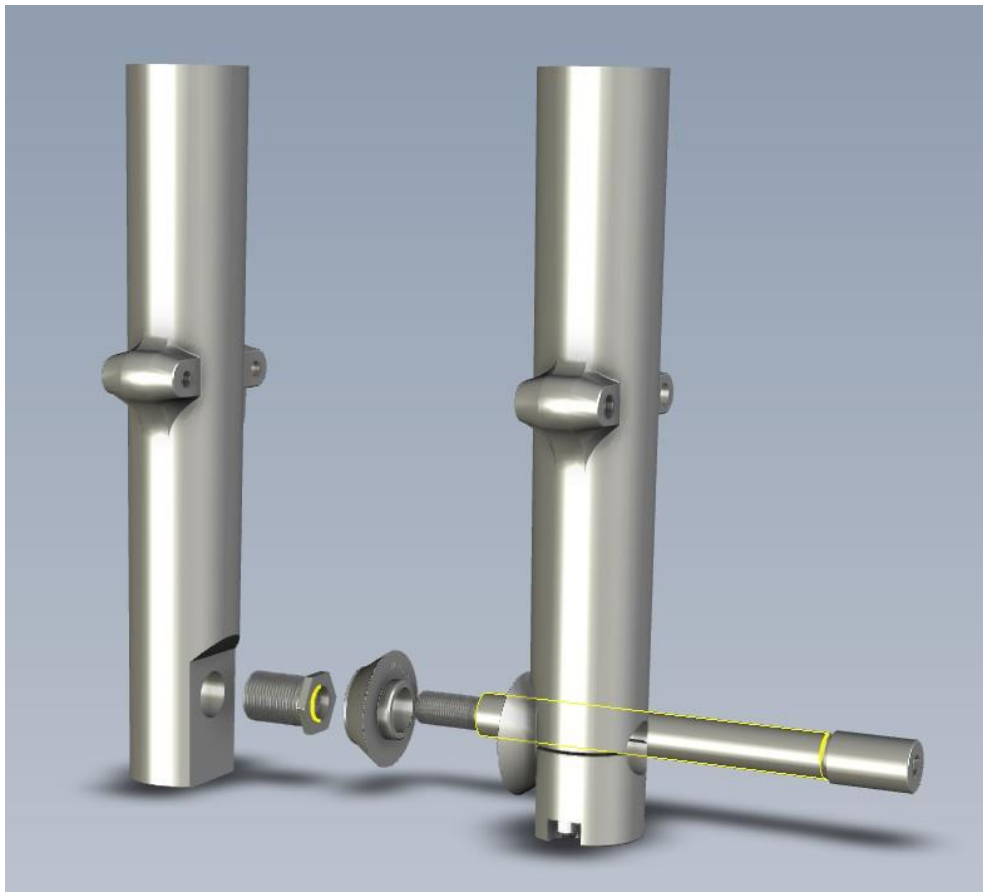
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Assembly of fork legs

GeezerEngineering fork sliders are compatible with OEM fork sliders. For assembly of the fork tubes and internal suspension components please refer to the OEM service manual (or aftermarket product instructions if that is what will be installed).

After the fork legs have been assembled and fork oil has been filled in it is time to install the steel sleeve into the right fork slider. GeezerEngineering fork sliders have a hidden axle feature. The axle is installed from the left side and there is no mounting hardware visible on the right side. In order to minimize wear on the aluminum material of the fork slider we designed a steel sleeve that the axle installs into. This eliminates wear on the fork slider caused by wheel removals for tire or brake rotor changes. The steel sleeve can be removed if the fork legs need to get rebuilt.



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Installation of the steel sleeve

Use medium strength thread locker on the threads of the sleeve and thread it in by hand. Once completely seated torque it to 100 ft/lbs. Do not overtighten as damage may occur resulting in property damage, bodily injury and death. Once this is done the fork legs can be installed into the triple trees.

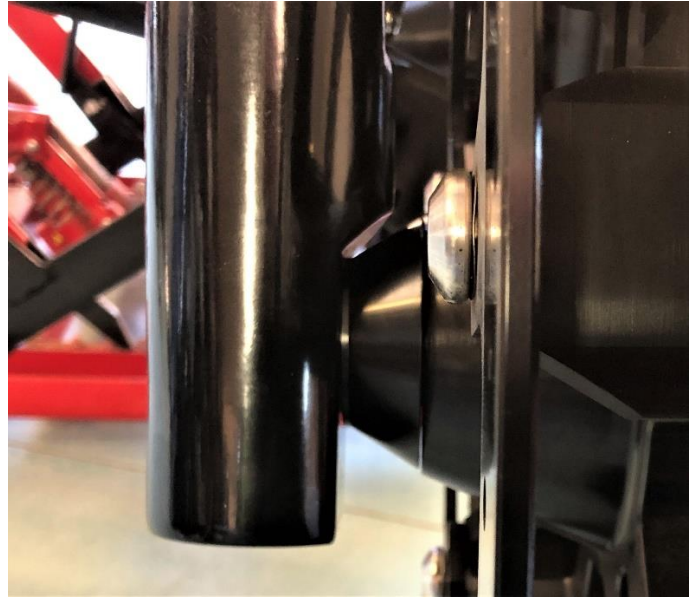


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Installation of axle and wheel

Secure the motorcycle. Use a scissor lift underneath the wheel and set bearing centers level with the fork slider axle centers. Install the right cone spacer first:

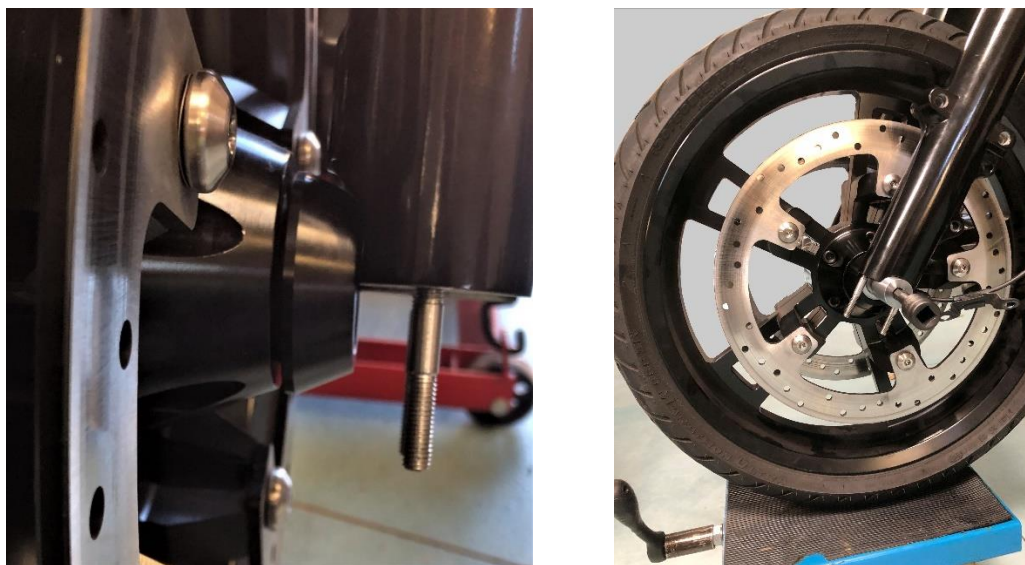




If your bike is equipped with ABS the ABS sensor doubles as left spacer. Please slide the included O-ring over the ABS sensor. Then slide the cone cover over it.



Then slide in the left cone spacer.



Check if bearing centers line up with fork sliders. Lightly grease axle and gently slide in the axle. Adjust wheel height with the scissor lift, as necessary. The axle should go in all the way to the sleeve in the right fork slider, without using a lot of force. If it gets caught on the right side spacer wiggling it a little bit solves that.

Thread in the axle by hand at least a few turns making sure threads are engaged properly. If everything is lined up correctly the axle will screw in easily. If there is resistance after a few turns the axle may have been caught on the right side spacer lead-in. Wiggle the right spacer a little bit while turning the axle. Continue until the axle is completely seated.

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Screw in the axle until seated all the way. Torque the axle to 60 ft/lbs. Do not overtighten as damage may occur resulting in property damage, bodily injury and death.



Install the axle end plug into the axle. Now tighten the lock nuts on the left fork slider evenly so the gap is even on both sides. Torque to 132-144 in/lbs. Do not overtighten as damage may occur resulting in property damage, bodily injury and death.

Note: the studs have been installed into the fork slider with permanent thread locker. Do not remove as damage to the threads can occur resulting in property damage, bodily injury and death.

Motorcycles equipped with ABS:

The mounting clip of the front ABS sensor harness can be reused on GeezerEngineering fork sliders with a minor modification. The lower bolt eye of the clip needs get cut as shown.





Clean up and touch up paint



install on fork slider

Continue reassembly as per the instructions in your OEM service manual.

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