Giant Components Owner's Manual STEM

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RIDE LIFE. RIDE GIANT.

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INTRODUCTION

This booklet is intended as a quick-start reference guide to help familiarize you with your new Giant brand component. To fully benefit from the performance of the product, please read the following Installation and Service Instructions closely.

Installation: The use of lightweight materials with very close tolerance allowances requires professional installation. Giant-branded components should be installed by a professional bicycle mechanic with the proper tools.

Intended Usage: Please note that Giant-branded components are designed to be used for road, mountain and cyclocross riding under normal riding and racing conditions. Extreme use riding (downhill, freeride, dual slalom, dirt jump, etc.) requires the use of components designed specifically for those conditions. All Contact, Contact SLR, Connect and Connect SL Stems are approved for use

on Road or Cross-Country/Trail Mountain Bikes with 31.8mm stem clamp diameters. The Giant-branded handlebars listed above do not have any rider weight restrictions.

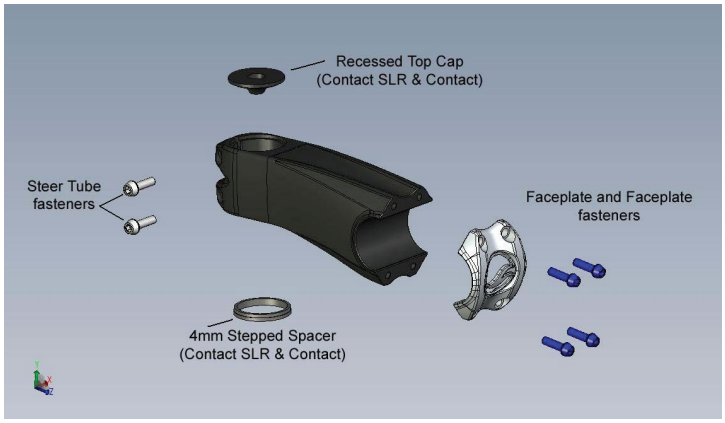
⚠ CAUTION

All parts should be installed by a professional bicycle shop. If you decide to install component yourself, follow these instructions closely.

INSTALLATION

Tools Required:

- Torque Wrench capable of measuring values between 4-9 Nm (35-80 in/lbs)
- 4mm hex head fitting for the torque wrench
- Waterproof grease or anti-seize compound



STEM SETUP SPECIFICATIONS

Stack Height: 40mm
Steer Tube Diameter: 28.6mm (1.125 inches)
Handlebar Clamp Diameter: 31.8mm
Rise: +/- 8 degrees

⚠ WARNING

Failure to tighten to specified torque values could result in unexpected movement, or damage, to the part, and possible severe injury or death.

STEM INSPECTION AND PREPARATION

1. Ensure that the steer tube is the correct diameter (28.6mm or 1.125 inches).
2. Ensure that the handlebar size is the correct size (31.8mm clamp diameter).
3. Inspect the handlebar and stem for any burrs or sharp edges. Remove burrs with a small rasp or piece of sandpaper. Damage from burrs or sharp edges can cause stress risers and lead to premature failure of the part and possible injury or death.
4. Ensure that there is no grease or other lubricant on the steer tube.

⚠ CAUTION

It is important to inspect these components for any indications of wear or cracking before each ride, and replace any part showing such indicators. See "Stem Maintenance" on page 10 for regular maintenance information.

STEM INSTALLATION PROCEDURE

1. Ensure that the steer tube is cut to the correct length. There must be a minimum of 38mm of exposed steer tube above all of the installed headset components and spacers to ensure sufficient clamping area for the stem. Measure twice, cut once.
2. Ensure that the correct compression nut for the fork is installed inside the steer tube. (Refer to fork owner's manual if you are unsure.)
3. Remove all bolts from the steer tube and handlebar clamp areas and lubricate the bolts with a light film of waterproof grease (anti-seize compound if installing Contact SLR or Contact with titanium bolts).
4. On Contact SLR or Contact stems, install the 4mm stepped spacer with the reduced diameter facing upward onto the fork steer tube.

5. Loosely reassemble the bolts on the steer tube clamp portion of the stem and slide the stem down onto the fork steer tube, gently pressing downward until the stem is seated as far down the steer tube as possible and is seated over the step on the lower spacer (on Contact SRL and Contact stems).
6. Confirm that there is between 2-4mm of space between the top of the stem body and the top of the fork steer tube (4-6mm on Contact SLR and Contact stems).
7. Install the top cap and compression bolt on top of the stem and into the compression nut. Note that the top cap for Contact SLR and Contact sits in a recessed portion of the stem and is flush with the top of the stem when installed correctly.
8. Adjust the headset bearing pre-load as per the headset manufacturer's instructions.
9. Align the stem with the front wheel.

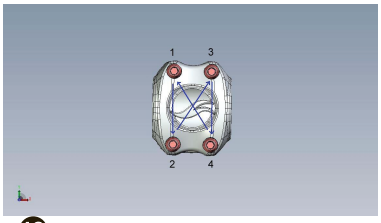
10. Tighten both steer tube clamp bolts to the torque measurements marked by laser etching between or along the steer tube clamp.
11. Alternate tightening between the two fasteners until the torque measurement is achieved. (Note: It is possible to crush the steer tube if fasteners are tightened beyond the recommended torque values. Never use grease on a carbon fiber steer tube. Grease should also be avoided on alloy or steel steer tubes.)
12. Place the handlebar in the handlebar clamp area.
13. Reassemble faceplate assembly to stem by installing the four fasteners finger tight.
14. Tighten stem bolts to torque measurements marked by laser etching along faceplate mounting area.

⚠ CAUTION

Over-tightening of the handlebar clamp can void the warranty and lead to loss of control of the bicycle resulting in severe injury or death.

Note: Alternate tightening the four bolts on the faceplate in an x-type pattern and be sure to confirm that the space between the faceplate and the stem body is kept as close to equal on all sides as possible. These measures will prevent binding or uneven load distribution across the faceplate.

Note: Top cap and compression bolt must remain in place at all times when the bicycle is in use.



STEM ADJUSTMENT

Repeat steps 7-14 in Installation Procedure section.

STEM MAINTENANCE

Generally, very little maintenance is required for the stem. As with all composite and high-performance alloy parts, inspection for broken fibers and surface damage is important. This is particularly true in the event of a crash or accident.

⚠ WARNING

Do not ride your bike if a crack or blemish in the surface of the part is found, or if there is unusual movement or flex to the part. This is a sign of fatigue and potential failure. Have the part inspected and replaced by a professional bicycle shop.

WARRANTY

GIANT BRAND PARTS and ACCESSORIES
LIMITED WARRANTY

Giant Bicycle, Inc. ("Giant") warrants Giant Brand Parts and Accessories to be free from defects in materials and workmanship for the original owner for a period of 2 years from the date of purchase.

This warranty does not cover:

- Normal wear and tear
- Improper assembly
- Improper follow-up maintenance
- Installation of parts or accessories not originally intended for, or compatible with, the bicycle as sold
- Damage or failure due to accident, misuse, abuse, or neglect
- Labor charges for part replacement or changeover

LIMITED REMEDY

Unless otherwise provided, the sole remedy under the above warranty, or any implied warranty, is limited to the replacement of defective parts with those of equal or greater value at the sole discretion of Giant. You will be responsible for labor costs associated with warranty replacements.

IN NO EVENT SHALL GIANT BE RESPONSIBLE FOR DIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES, INCLUDING, WITHOUT LIMITATION, DAMAGES FOR PERSONAL INJURY, PROPERTY DAMAGE, OR ECONOMIC LOSSES, WHETHER BASED ON CONTRACT, WARRANTY, NEGLIGENCE, PRODUCT LIABILITY, OR ANY OTHER THEORY. Some states do not allow the exclusion or limitation of damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

WHAT YOU SHOULD DO

Bring your Giant brand part or accessory, along with a purchase receipt or other proof of the date of purchase, to an Authorized Giant Dealer, or contact GIANT directly. Find out the Giant in your country – www.giant-bicycle.com