

THE ROBERT AXLE PROJECT

Our story is one of those “started in the garage” stories, as we sought a solution to a problem that we discovered when we tried to attach trailers to our own bikes.

Our mission is to provide the highest quality products that allow families, adventurers, commuters and recreational riders to enjoy traveling by bicycle.

Our vision is for everyone to experience adventures big and small. We believe that the bicycle is not just a two-wheeled vehicle, but also a tool for you to explore your community, your country, or the whole world.

We understand there are two priorities for you. Our product must provide a seamless fit between your beloved bike and your precious cargo. And it must be durable and secure to bring you home from your adventures, whether around town or around the world. We do not accept any compromises in safety or fit of our products.

Our products are designed, tested and manufactured in the USA.

Share the bike love!

Send us photos and stories of your adventures.

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www.robertaxleproject.com



Front Lightning Bolt-On Thru Axle

Part Number

Description

LIG519.C

Cervelo with R.A.T. 12x100



INSTALLATION INSTRUCTIONS: FRONT LIGHTNING BOLT-ON THRU AXLE for CERVELO R.A.T. BIKE

Tools Required:

- Blue Loctite 242
- Torque wrench
- 2.5 mm hex key for torque wrench
- 6 mm hex key for torque wrench
- Grease

Install your Robert Axle on your Cervelo R.A.T. bike:

1. If you are not comfortable working on your bike and installing this axle, then take it to your local bike shop.
2. With your bike in a stand, remove your stock front thru axle.
3. Remove front wheel.
4. On the inside of the fork, use the 2.5 mm hex key to remove the bolt holding the R.A.T. nut on. Set the R.A.T. nut aside.
5. Put fresh Loctite 242 on the threads of the bolt.
6. Place the Robert Axle nut on the outside of the fork. Install the bolt from the inside of the fork. Lightly tighten the bolt to the nut. You are only using the bolt to locate the nut right now. The bolt should only be lightly tightened, to allow for exact alignment of the nut with the axle.
7. Apply a light layer of grease to the threads, shaft, and end of the Robert Axle.
8. Install axle into fork without the wheel. Lightly tighten axle until flush with the end of the nut.
9. Tighten the small bolt on the inside of the fork. Secure to 3 N*m. That is very light, but secure.
10. Remove the axle.
11. Install the wheel.
12. Install the Robert Axle, lightly hand threading into the nut.
13. Torque the axle using a 6mm hex key to 12 N*m.
14. **Troubleshooting:** If you have issues with the axle not threading into the nut, repeat steps 6 through 9.

Always double-check your torque settings and the snugness of the wheel before every ride.

⚠ WARNING ⚠

- Your Robert Axle must be properly installed with a torque wrench. Proper installation to specified torque values is important to ensure safe use of this axle. If you do not have access to a properly calibrated torque wrench, please have your local bike shop install the axle for you.
- Check all torque settings and inspect all parts before each use.
- Understand that the sport you choose to pursue has risks. When using a Robert Axle in your bike you are accepting the responsibility to ensure they are properly installed and maintained.

ROBERT AXLE LIMITED WARRANTY:

Robert Axle Project warrants each product it manufactures to be free from defect in material and workmanship for the purpose it was intended to the original purchaser for the duration of one year. Your original dated sales or delivery receipt showing the date of purchase is your proof of purchase. Robert Axle Project shall not be liable for damage or delays caused by defective material or workmanship; it is limited to the repair or replacement, at its factory, of any defective article or part thereof, which may be returned to the factory; transportation charges prepaid, by the original purchaser. Robert Axle Project shall be the sole judge of the existence of any defect in the article so returned. No claim for charges incurred in the removal, disassembly, or reinstallation of such article will be allowed. The Limited Warranty does not cover claims from misuse, neglect, failure to follow the instructions, improper installation, improper maintenance and use, abuse alteration, involvement in an accident and normal wear and tear. The warranty does not cover any article that has been altered outside of the Robert Axle Project or the performance of any accessory or equipment on or in which any article of the company's manufacturer is used. Robert Axle Project shall, in no event, be liable for consequential damage or contingent liability arising out of any total or partial failure to any article manufactured by, if, or of any accessory or equipment on or in which it used. Failure of a user to give notice of claim as to defect claimed under the provisions of this warranty within sixty (60) days of the appearance of such claim shall constitute a waiver by customer of all claims with respect to such goods and equipment. No expressed, implied, or statutory warranty other than that herein set forth is made or authorized to be made by the company.

We also make thru axles to attach:

Kid Trailers

BOB Trailers

Indoor Trainers

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