

LOLLYPOP HITCH

FOR THREADED AND QR AXLES

carry
freedom™

PART NO. 401121



LOLLYPOP HITCH - INFO

This bicycle trailer hitch is strong, quiet and reliable.

5 year guarantee.

100kg maximum trailer weight,

(50kg on bikes with QR axles)

-15°c to 50°c operating temperature.

It will fit all Carry Freedom trailers (except the new LEAF) and most bicycles with quick release or threaded axles. If you have through axles, Robert Axle Project makes a special through axle for Carry Freedom Trailers.

The red elastomer flexes if the bicycle falls over. The pin can be replaced by a padlock for security.

The bicycle needs 4mm of spare axle thread for the towing bracket. The trailers towing arm tube needs a 19mm internal diameter.

Carry Freedom

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BIKE BRACKET FITTING (L-BRACKET)

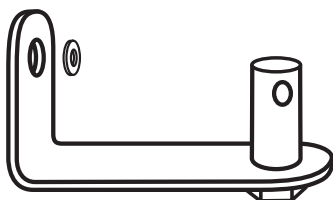
Remove the left axle nut or quick release from the rear wheel. Place the new bicycle bracket on the bicycle axle, over any anti rotation washers and re-tighten the axle nut or quick release skewer.

The bracket needs 4mm of spare axle thread. Make sure that the whole of the metal thread on the quick release nut is engaged, and on threaded axles ensure at least 10mm of axle is in contact with the nut.

Use the special Carry Freedom washer to center the bike bracket on the Quick Release skewer shaft.

If the bike bracket will not fit your bicycle contact Carry Freedom for advice. You can download a 1:1 drawing of the bracket, cut it out and test the fit on your bike

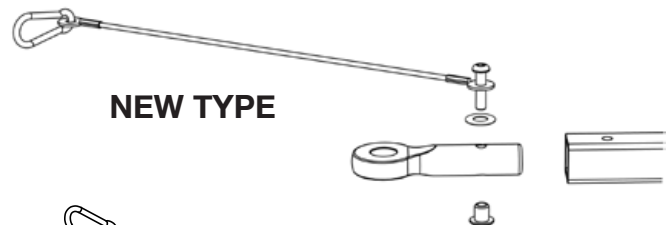
DO NOT fit the hitch to bicycles with carbon fiber dropouts. They are not suitable for this type of application and might fail without warning.



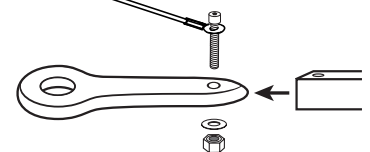
TRAILER BRACKET FITTING (LOLLIPOP)

The towing arm must have an internal diameter of 19mm (3/4") or 19mm square. It needs a 6mm vertical hole whose center is 25mm from the end face of the towing arm.

Insert the red elastomer into the handle, and secure it with the M6 bolt. The bolt head should be at the top of the handle, it should go through the safety strap and there should be a washer between the trailer towing arm and the bolt/nut.



OLD TYPE

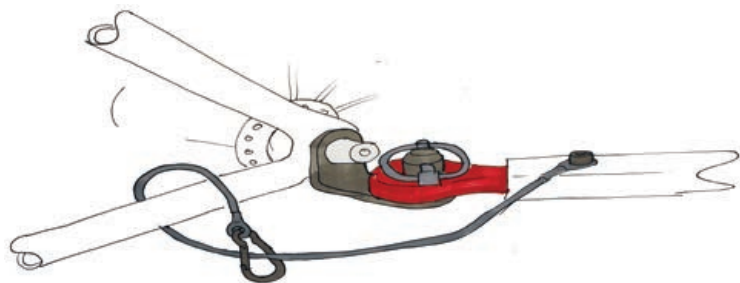


Older trailers are fitted using a bolt, washer and nyloc nut. New trailers are fitted using a bolt and a binding bolt on the other side. Check which parts you need. Both types are included.

TO USE

Hold the bike upright with one hand, while you lower the red elastomer onto the stud with the other hand. Secure the elastomer to the stud with the lynch (linch) pin.

Use a safety strap on the hitch. This is part of the trailer regulation in Europe and it makes sense. It stops you losing the trailer if the hitch should fail and prevents accidents which would happen when cars run over lost trailers. Make sure the strap is tight enough to prevent the towing arm from going through the back wheel and causing a crash.



The Lollypop Hitch has been tested by velotech.de one of the leading testing agencies in the world. We know this hitch can do what we claim.

Before every ride check the elastomer for tears or damage, make sure the bike bracket is tight, and ensure the lynch pins spring gate is properly closed.

THINGS TO NOTICE

When the trailer is not attached to the bike secure the lynch pin to the red elastomer, if you secure it to the bike bracket it will rattle as you ride.

The 50kg load limit for quick release axles relates to the axle fatigue life, while the 100kg limit for threaded axles relates to the bicycles emergency stopping distance. The hitch itself is tested to 150kg.

The elastomer was tested for brittleness at -18°C , and for creep up to 100°C . The hitch has been bench tested to 10,000 falling over cycles without damage.

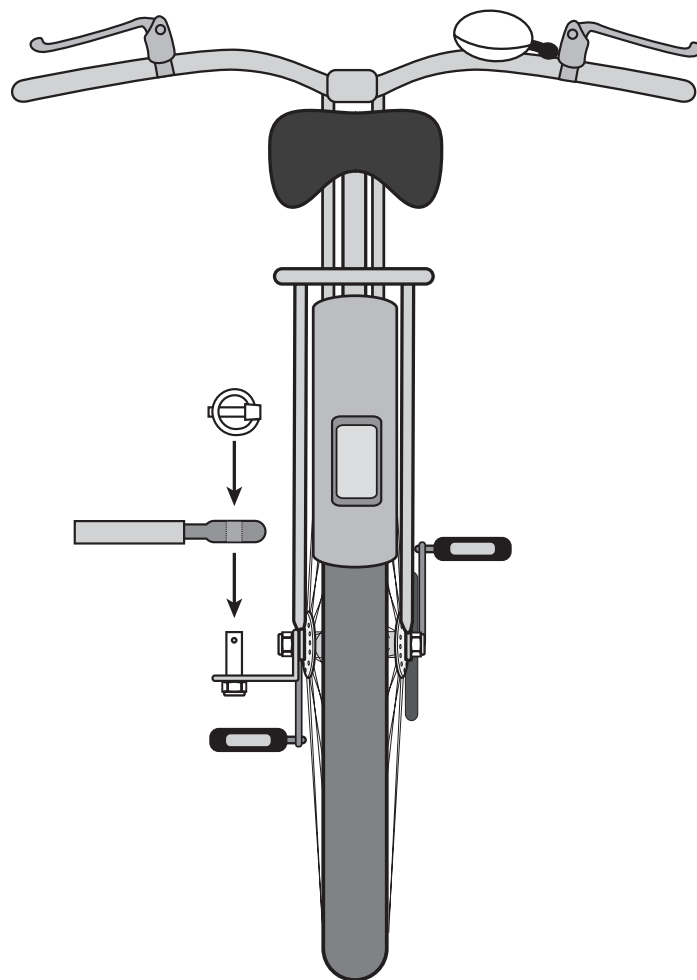
MAINTENANCE/REPAIR

Never lubricate the hitch with oil or grease, this will shorten its life. Occasionally clean your hitch to increase its life. Oil the lynch pin if it becomes stiff.

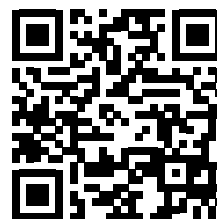
Over time the elastomer will take on the colour of the metals it touches, and the metal in contact with the elastomer will become polished. Grit or dirt gets embedded on the surface of the softer material and grinds away at the hard material. This effect was used to drill holes in rocks with wooden sticks.

If the elastomer tears, ask us for a replacement.

In emergencies you can join the two faces together by melting the cut face (hold both faces to a flame at the same time until they go glossy across the whole surface) and push/hold them together until they are cold. This repair is done at your own risk, and should be checked regularly. If done well its as strong as the original material.



Go to www.carryfreedom.com for:



Technical Information - We try to cover all your questions and have a large FAQ.

Blog - Read about all the weird and wacky things that happen here at Carry Freedom. See who is travelling the world, climbing the mountains and riding the waves on a bike with a Carry Freedom trailer.

Dealer list - Find out where your nearest dealer is.

History - Read about how the company started in a chicken shed on a farm not far from Glasgow, Scotland. And how it grew.

Environment - Learn about how Carry Freedom and USED support projects and people that are changing the world. Car Free is not just a slogan, it's a philosophy.

Thanks for listening!