

# ASSEMBLY MANUAL

# CARGO BIKE TYPE 4

---

ASSEMBLING A JOHNNY LOCO  
TYPE 4 CARGO BIKE



*Johnny Loco*®

## **SUPPLIED:**

---

- › Cargo bike rear frame
- › Cargo bike triangle
- › Cargo bike box assembled with bench
- › Cargo bike fenders and parts
- › Front connection part triangle
- › Front wheels (left and right)
- › Front brakes (left and right)
- › Connection parts

## **TOOLS:**

---

- › Wrench
- › Allen keys
- › Socket wrench

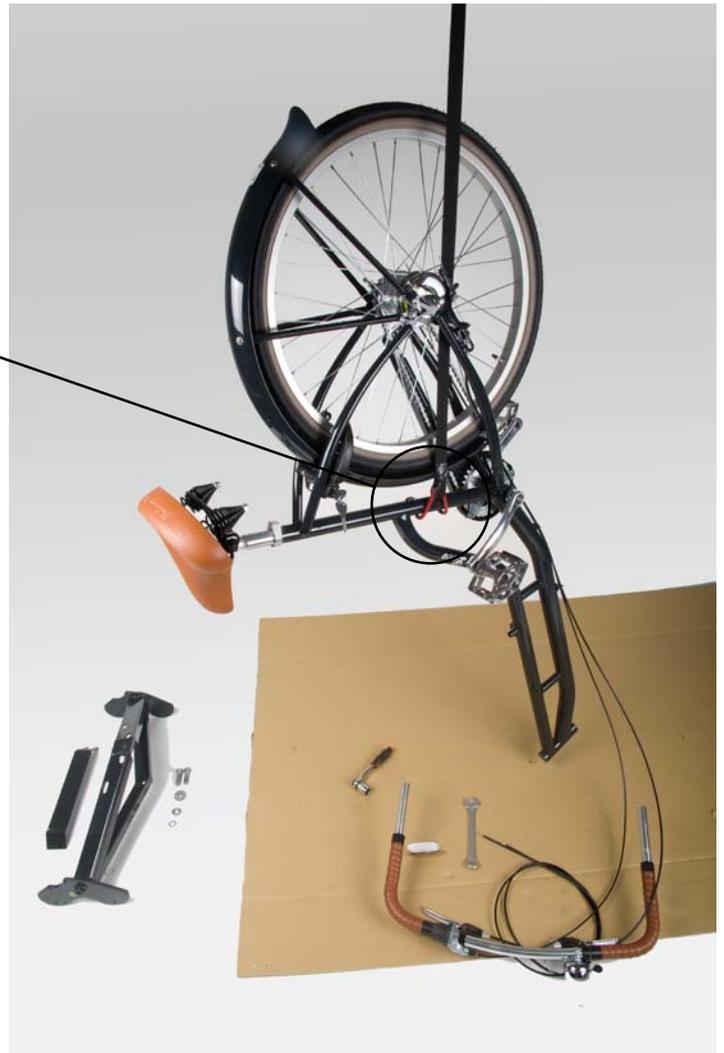
## **CONSUMABLES:**

---

- › zip-ties (medium)
- › mounting grease
- › cable caps (supplied)

## SUSPENDING THE REAR FRAME

---



hoisting the frame

- › To minimize the risk of damaging the bike during installation we recommend a soft work floor. The cargo bike packaging is a good alternative. Make sure all metal clamps are removed from the box before placing parts on it.
- › For easy installation we recommend to hang the rear frame in a workshop hoist. When frame is suspended the connection of parts is easy and the installation will be as smooth as possible.
- › Make sure the frame is suspended in balance. To make sure the frame will not fall during assembly, put the hoist cable true the rear fork.

# UNPACKING THE BOX INSTALLING THE SEAT

---

- › Put the cargo box flat on the protected floor.
- › Take the bolts out of the support bars of the seat and put mounting grease in threaded holes.
- › Hold seat in place and insert bolts from outside of the box through the holes.
- › Make sure turbo cover and seat belts are properly positioned around bottom and top support bar, as shown in picture.
- › Tighten the bolts.
- › Check if seat is stable and secure.



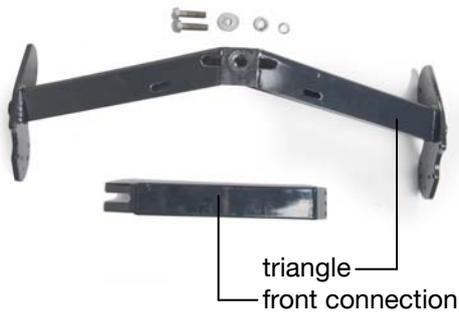
connection point of the seat

connection points



all parts of seat installed correctly

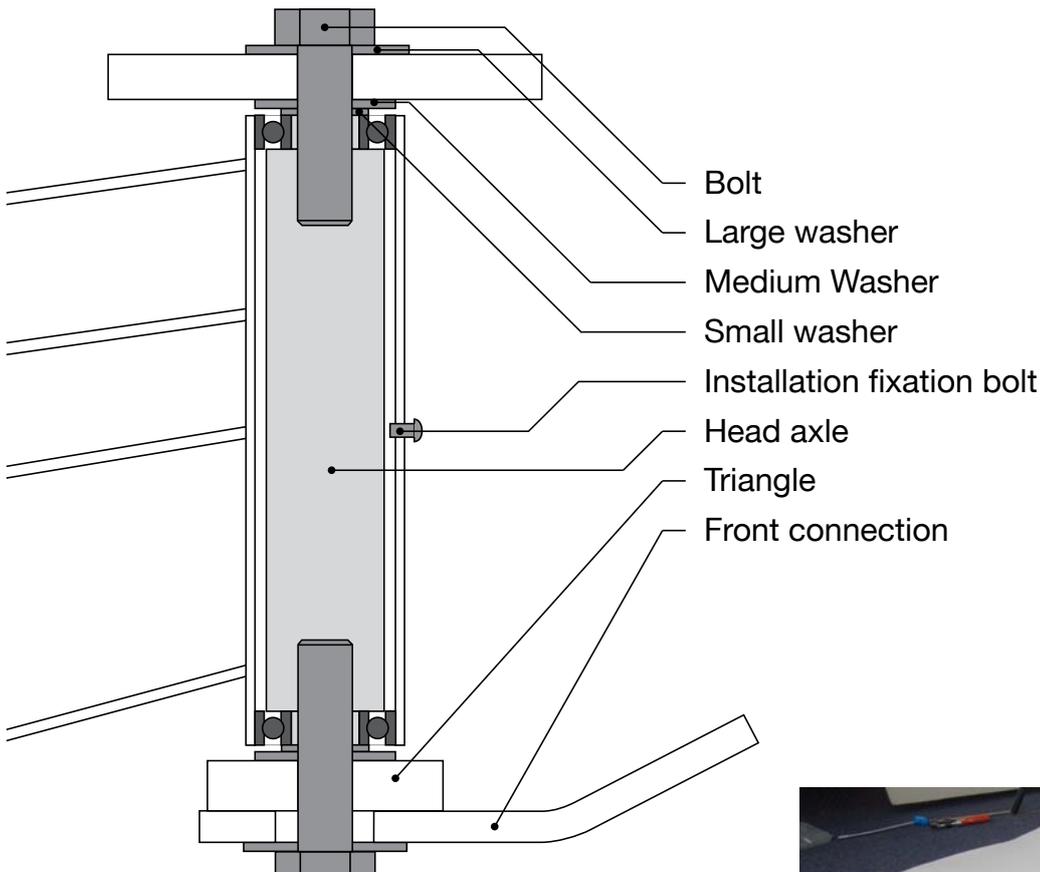
# CONNECTING THE TRIANGLE



- › Keep the headset of the frame elevated just above ground for easy installation.
- › Take the top and bottom bolt with washer out of the headset and install triangle as shown in diagram. Leave the bottom bolt untightened (6 mm) to install front connection to the triangle later.



connecting the triangle



## CONNECTING THE BOX

---

- › Put the cargobox nose down on a clean and protective surface. The packing plastic supplied with box , or a soft blanket are a good option.
- › Hoist the rearframe with triangle to match the height of connection place to the box and align the holes on the side.
- › Connect the triangle to the side of the box with supplied nuts (M6x 20) as shown in pictures. Use a 10mm spanner to hold nuts in place when thightning the bolts.
- › Instal the front connection and thighten the bottom bolt of the headset. Use 3x bolt (M6 x 55)
- › Thighten al connections to the box
- › Remove instalation fixation screw from headset (see previous page)



holding nut when thightning connection bolts



Bottom bolt headset

3x M6x 55 Bolt en Nut

## INSERTING THE HANDLEBAR

---



insert handlebar evenly

- › Put mounting grease on the ends of the handlebar.
- › Check if the tube clamps on the box are loose.
- › Insert the handlebar end evenly in the rear of the box.
- › Check if cables are positioned nicely.
- › press the handle bar down evenly and set to desired height, keep in mind that the handle bar needs to be inserted with a minimal length of 80mm.
- › Tighten the clamps.



tightning handlebar clamps

# INSTALLING THE WHEELS

---

- › The two front wheels are different, there is a 'left' and 'right' version. Make sure the 'right' wheel is inserted on the right side and 'left' wheel on the left side of the box. *If this is done incorrect, the thread on the axle can be damaged and the axle or triangle wil need replacement.*
- › Loosen the safety nut from the axle.
- › Put grease on the axle.
- › Hold axle in place and screw in without force. When axle is fully inserted tighten the axle with a proper tool.
- › The direction of the used threads is different for left and right, check direction of thread before inserting!
- › Put the safety nut on the end of the axle, use a socket wrench to thighten safety nut properly.
- › Check if the wheels spin freely.



hight side indication sticker on wheel



careful insertion of the wheels



## MOUNTING THE BRAKES

---



installed brake

- › Loosen bolts as shown in picture.
- › Mount the brakes as shown above.
- › Mount with supplied bolts on the frame check position.



take out before installing

loosen 1 turn before installing  
(on both brake claws)

## CONNECTING AND ADJUSTING THE FRONT BRAKES

---



- › Tighten outside pad of the brake 1/4 turn.
- › Squeeze the brake tight.
- › Tighten the cable in the brake.
- › Secure the brake to the bracket.
- › Loosen the outside pad 1/4 turn.
- › Check functioning of both brakes.



## HARNESSING THE CABLES

---



rear cargobox

- › Pull one side of the strap of the button on the cargo box.
- › Put cables under the strap.
- › Put the strap back in place and make sure the cables are positioned properly, as shown in picture above.

# MOUNTING THE FENDERS

---



## PARTS

- › front fender (2x)
- › front fender stay(4x)
- › front fender rod (2x)
- › washer m6 (6x)
- › bolt M6x16 (4x) (preinstalled in triangle)
- › bolt M6x20 (2x)
- › washer M5 (12x)
- › bolt M5x16 (4x)
- › bolt M5x12 (2x)

- › Install fender stays on fender with M5x12 bolt, nut and 2 washers per stay.
- › Install fender rod on the fender with M5x12 on the fender.
- › Make sure to assemble a 'left' and 'right' version of the fender.
- › Use sufficient amounts of grease during installation to ensure smooth installation and a durable connection.



fender on cargo bike

fender rod

fender stay

ducktail



fender rod connection

- › Position the fender on the cargo box. Make sure the ducktail side is on the lower back of the cargo box.
- › Connect fender tube to the fender.
- › Hold fender in place and connect the fender rod on the inside of the box.
- › Connect fender stays to wheel mounting plate threaded holes.
- › Check alignment of the fender with the wheel.

## INSTALLING STEERING DAMPER

---



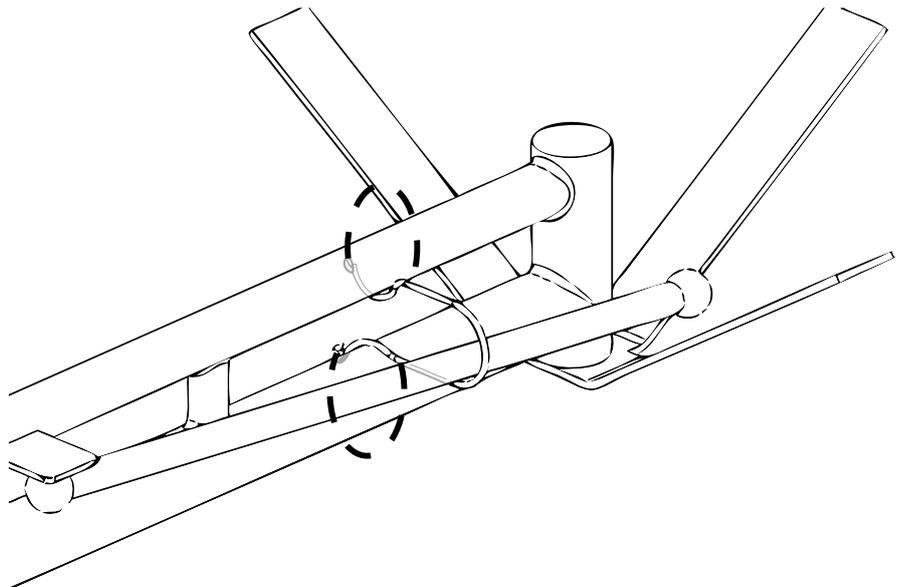
bottom Cargo box

- › Connect the steering damper to frame and triangle as shown in picture. Check if the 'extending rod' side is mounted to the triangle.

## INSTALLING SAFETY BRACKET

---

- › Position the safety bracket as shown in drawing.
- › Put zip-ties through the end hooks, around the frame and over the bracket.
- › Tighten the zip-ties and cut off long ends.
- › Check if the bracket and damper do not interfere when steering left or right.



safety bracket instalation