



*LIFT*

# Owner's Manual

[www.revelo.ca](http://www.revelo.ca)

 Designed in Canada

# Safety - Read This First!

***LIFT has a stem system that is different from other bicycles.***



***It is important that you read the “Setting Up The Stem” section!***



***Improper installation of the stem could result in handlebar twisting while riding, loss of control, injury or death.***

1. Always make sure the stem, handlebar, seat and wheels are fully tightened by making sure the quick release levers are firmly closed.
2. Make sure the quick release lever for the folding hinge is securely closed. Refer to the section on *Folding*.
3. Do not attach a front bicycle basket to the handlebars or dangle any bags/objects from the handlebar/stem system unless they are designed to specifically work with your LIFT.
4. Do not ride on surfaces where the wheels or pedals could get caught (e.g. on train/tram tracks, or potholes) and do not ride directly into bumps or curbs.
5. Do not attempt any stunt riding (eg. jumps, sharp turns, wheelies).
6. When adjusting the height of your saddle, if the “Minimum Insertion” marking is visible on the vertical post then insert the post deeper into the frame.
7. Wear a regionally certified, properly fitted bicycle helmet.
8. The total weight of the rider and backpack must not exceed 100 kgs (220 lbs).
9. If your model came equipped with handlebar ends, check that the grips are tightly secured to the handlebar.
10. Tires should not be inflated past the recommended pressure that is marked on the sidewall.
11. For night riding, inspect that your bike reflectors are not missing or damaged. Always have your front and rear lights on and wear reflective gear.
12. Obey all local and national traffic, helmet laws and never ride while under the influence of drugs or alcohol.
13. Before your first ride, practise riding in a safe open area with a smooth surface that is away from other pedestrians and vehicles (eg. a vacant parking lot).

# Assembly

This guide provides the basic information to get you going quickly before you ride.  
If you are unsure of any aspect of LIFT, please bring your LIFT to a professional bicycle mechanic for final assembly.  
Visit [www.revelo.ca](http://www.revelo.ca) for additional information.



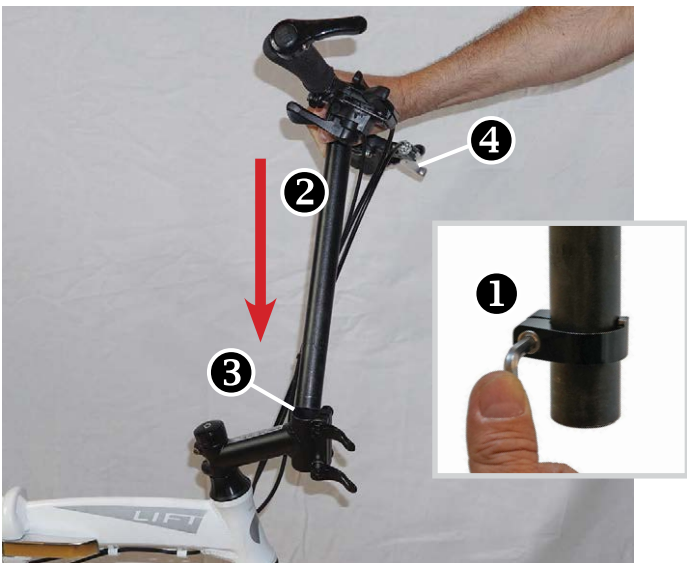
**Some illustrations may not be exactly as shown.**

## Tools You Need



Allen key to adjust the stem collar.  
For models equipped with folding pedals, a 15mm wrench is required.

## Step 1: Attach Handlebar



*If the handlebar is already attached, go to Step 2: Setting Up The Stem.*

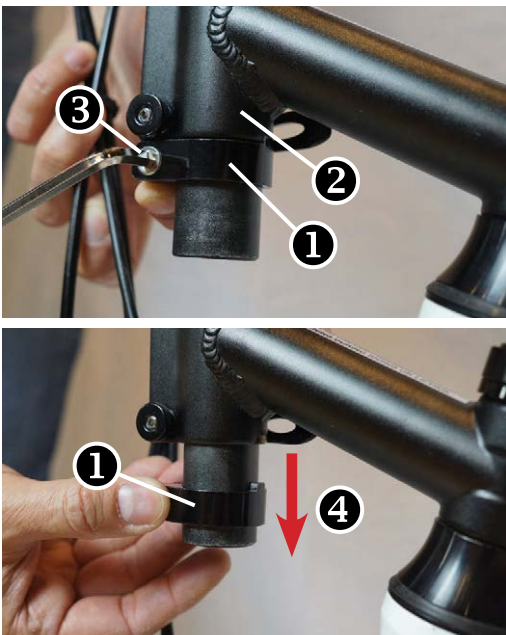
If necessary, temporarily remove the stem collar ① from the handlebar post by loosening the pinch bolt with an allen key.

Insert vertical handlebar post ② down into the stem ③ with the brake levers ④ facing towards the front of the bike.



Ensure cables are not twisted or pinched.

## Step 2: Setting Up The Stem



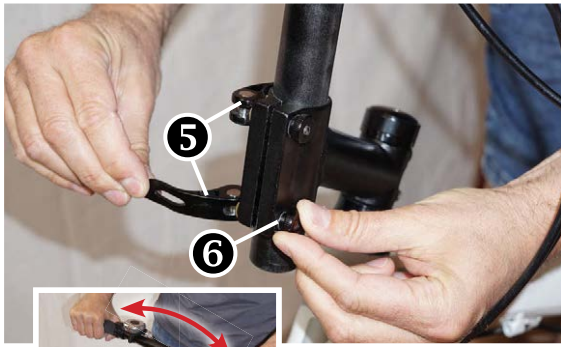
**The Stem Collar ① allows for quick centering of the handlebar and resists twisting by locking into the stem ②. Carefully follow all instructions to avoid handlebar twisting during riding and potential injury.**



### 2a: Remove Stem Collar

Using an allen key, loosen the pinch bolt ③ on the stem collar and temporarily remove the collar ① from the handlebar post ②.

## Step 2: Setting Up The Stem (continued...)



### 2b: Set Handlebar Position for Riding

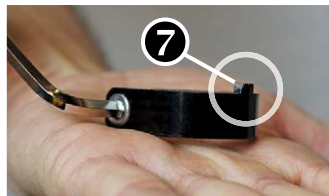
Open quick release levers ⑤. Slide the handlebar to the desired riding height and turn it until it is perpendicular to the front wheel. Firmly close both quick release levers ⑤.

If necessary, rotate the adjustment knob ⑥ *clockwise* to increase clamping strength and *counter-clockwise* to loosen.



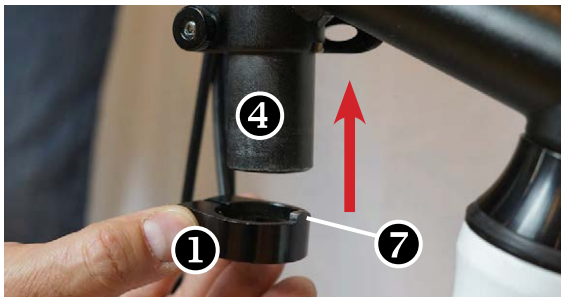
⚠️ Test clamping pressure by placing the front wheel between your feet and attempt to twist the handlebar. If handlebar twists, more clamping pressure is required. (Use the adjustment knob to increase clamping pressure).

⚠️ Optimal clamping pressure typically leaves a small impression on the palm of your hand or thumb.



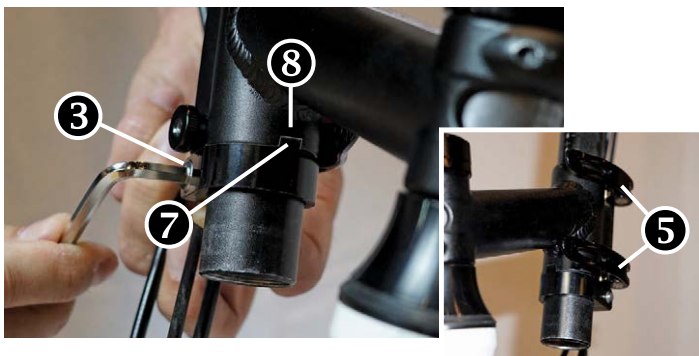
### 2c: Identify Stem Collar Tooth & Notch

The stem collar tooth ⑦ is designed to mate into a notch ⑧ in the stem (ensure there is no gap).



### 2d: Install Stem Collar

Slide the stem collar ① back onto the handlebar post ④ with the notched tooth ⑦ facing towards the bike.



### 2e: Bolt Stem Collar

Mate the stem collar tooth ⑦ into the stem notch ⑧ (do not leave gap). Tighten pinch bolt ③ with allen key.

### 2f: Close Levers Before Riding

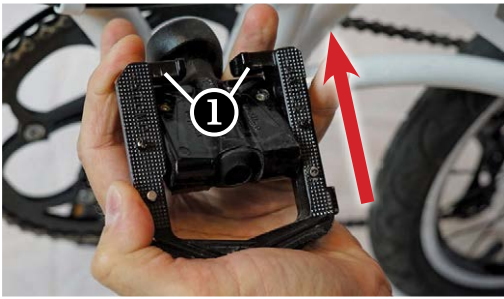
Ensure that both quick release levers ⑤ are firmly closed prior to riding.

⚠️ The handlebar can always be lowered for thin profile walking or folding as needed (refer to the *Folding and Carrying & Rolling* sections). For instant height adjustment before riding, slide the handlebar up until the stem collar locks into the stem. Then, firmly close both levers.

⚠️ **Before every ride ensure the stem collar is fully mated and quick releases are firmly closed so that the handlebar can not twist !**



### Step 3: Attach Pedals



(For models with Detachable Pedals, skip this section and refer to the user manual included with the pedals for installation).

Folding Pedal installation requires a 15mm wrench.



Pedals tighten opposite to each other. **Left (L) pedal tightens counter-clockwise.** Right (R) pedal tightens *clockwise*.

**Left Pedal:** Insert pedal axle into crank arm threads and turn axle *counter-clockwise*. Start by using fingers first then tighten with a 15mm wrench.

**Right Pedal:** Insert pedal by turning axle *clockwise*.

Push pedal inwards towards frame to release locking pegs ①, then rotate to unfold ②. Reverse procedure to fold pedals.

### Step 4: Attach Seat



Ensure seat post is inserted so that the minimum insertion line is not visible above the clamp.

Open seat post lever ① and insert seat post ② into frame ③.

Tighten seat post clamp so that the lever is folded over and closed.

If necessary, rotate the adjustment knob ④ *clockwise* to increase clamping strength and *counter-clockwise* to loosen.

## Using Your LIFT

### Bike Fit



LIFT is incredibly lightweight and built for spontaneous living. Go everywhere you desire at any given moment.

It's unique power-curve frame design allows for a fully adjustable, regular bike rider fit from 140-186cm (4'8"-6'2") & up to 100 kgs (220 lbs).

The patent-pending pivot & lock "SideWalker" stem system technology provides instant rider height adjustment and a thin walking profile.



## Folding



LIFT is one of the fastest folding, easiest rolling and most portable performance folding bikes on the market!



During the “break-in” period, the frame hinge may exhibit some stiffness. This will improve quickly with regular use.

### 1: Open Fork Mounted Kickstand

Open the fork mounted kickstand ① to the folding position.

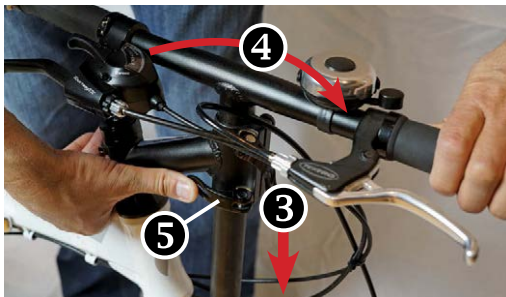


### 2: Adjust Right Pedal Position

Set your right pedal ② to the 7 o'clock position. This prevents pedals from tangling with brake cables during folding.



Folding the pedals (or removing them if equipped with detachable pedals) helps with the folding procedure.



### 3: Lower & Rotate Handlebar

Release both stem quick release levers then drop the handlebar down ③ towards the front tire. Pivot the handlebar 90° clockwise ④ then lock into place with levers ⑤.

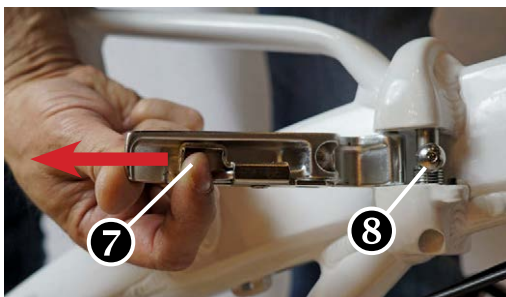


Do not pinch or over-twist cabling.



### 4: Lower Seat

Lower the seat as much as possible. Tighten seat post clamp ⑥.



### 5: Unlock & Open Frame Lever

The frame is locked in place with a hinge clamp and lever. To unlock, first position yourself to the left side of the bike. Place the right palm of your hand over the frame lever and tuck your index finger under the lever and behind the locking tab ⑦. Pull the tab straight forward towards the front of the bike and simultaneously pull the lever out away from the bike.



The hinge clamp is factory set for optimal clamping. Over time, if opening/closing the lever becomes difficult or loose, adjust the round head screw ⑧ behind the lever.

Rotating the screw *clockwise* will create a looser hinge and *counter-clockwise* to tighten the hinge. Optimal clamping is one that provides a moderate “snap”.



The frame lever should be fully swung open before folding the frame body.



## Folding (continued...)



### 8: Fold the Frame

With the frame lever open and handlebar locked in a 90° position:

Using your left hand, grab the handlebar ⑨.

Using your right hand, grab the built-in frame handle ⑩ and lift the rear.

Pivot the frame in a "Z" fashion ⑪ to draw the rear wheel towards the front wheel until the magnets lock ⑫.



### 9: Close Frame Lever

Flip the frame lever ⑬ inwards towards the magnetic retainer for a tidy, compact look.



To disengage the frame magnets ⑫ for unfolding, while holding the frame it is sometimes helpful to give the rear tire a slight kick.

## Carrying & Rolling

LIFT keeps you moving even after the ride:



**Frame Handle**



Use the built-in frame handle for easy, convenient transport.



**Shoulder Strap**



With the crank facing outward, loop one end over the seat and the other over the forward most handle grip.



**Thin Walking Profile**



With LIFT unfolded, pivot & lock the handlebar at 90° to create a thin walking profile.



**1 Wheel Fast Roll**



Standing left of LIFT, grab the handlebar. Tilt LIFT slightly back on its rear wheel, then roll as you walk.

*Optional: Extend & lock the seat, hold it and roll.*



## Gears

Your multi-speed LIFT will either have a derailleur drive train or an internal gear hub drive train.

Low gears (down to 1) require less pedalling effort and are ideal for steep hills.

High gears (up to 3, 8 or 10 depending on your model) are ideal for high speeds and flatter terrain.



For Derailleurs: Only shift gears while the bike/rear wheel is moving forward and the chain is under tension.



If gears fail to shift, check derailleur alignment or if the chain has jammed or fallen off.

## Wheels

If your model is equipped with a Quick Release wheelset, you may want to remove it occasionally for eg. travel, storage or service.

### Front Wheel

1. Disengage the brake quick-release mechanism to move the brakes away from the rim.
2. Open the quick-release wheel lever by pulling away from the wheel.
3. While holding the fork with one hand, pull the wheel out from the fork dropouts.

### Rear Wheel

1. Set the gear to its highest position. This moves the chain and derailleur to the outermost position.
2. Disengage the brake quick-release mechanism to move the brakes away from the rim.
3. Open the quick-release wheel lever by pulling away from the wheel.
4. While standing behind the bike, use your right hand to pull backward on the derailleur body.
5. Use your other hand and pull the wheel out from the fork dropouts.

## Maintenance

LIFT has a warranty of 5 years on frame and fork and 1 year on non-wear items. Most routine service below can be performed by the owner. Consult your local bicycle repair shop as required.

Clean the frame of dirt and debris as needed using a soft, damp cloth, warm water and non-detergent based soap. Do not use power washers. Relubricate the chain with a chain lubricant only.

Periodically check to ensure that fastening bolts have not loosened. Hand tighten with the appropriate tool as necessary. Do NOT use power tools to tighten any bolts.

Check brake pad wear. Adjust if they do not properly hit the wheel rim.

Periodically check tire pressure as indicated on the sidewall.

Check for missing spokes and for non-trued (wobbly) wheels.

Check headset stiffness. While squeezing the front brake, rock the bike back and forth. Clunking noises could indicate a loose headset.

Check frame for any noticeable signs of fraying or cracks.

**Thank you for choosing Revelo LIFT. Enjoy your ride!**

**#RideRevelo**

If you are unsure of any aspect of LIFT, please bring your LIFT to a professional bicycle mechanic.

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