

# Nimbus Unicycles

## What should be in your box

- Saddle (1) with Seatpost (2)
- Straight Frame - x2 (3)
- Pedals (4)
- Centre Frame (With cranks) (5)
- Quick Releases - x4 (6)
- Wheel Forks (7)
- Wheel (8)
- Pair of short chains (9)
- Pair of long chains (10)
- Pedal Wrench & 5mm Allen Key

You will need a 7mm, 10mm Wrench, 3mm, 4mm Allen key and Bicycle pump (Car valve).

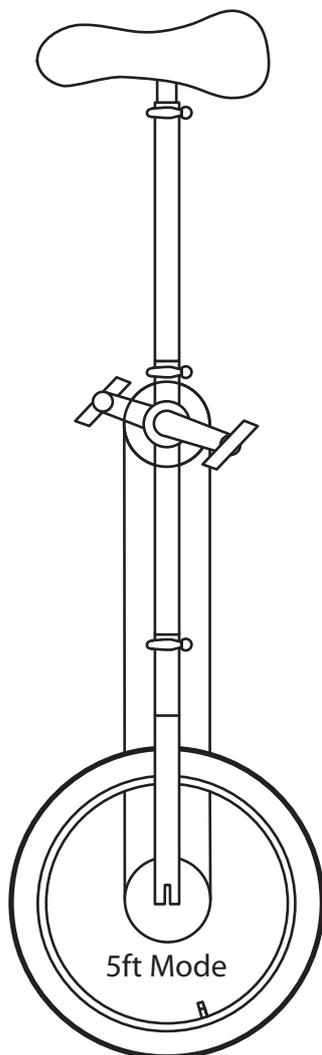
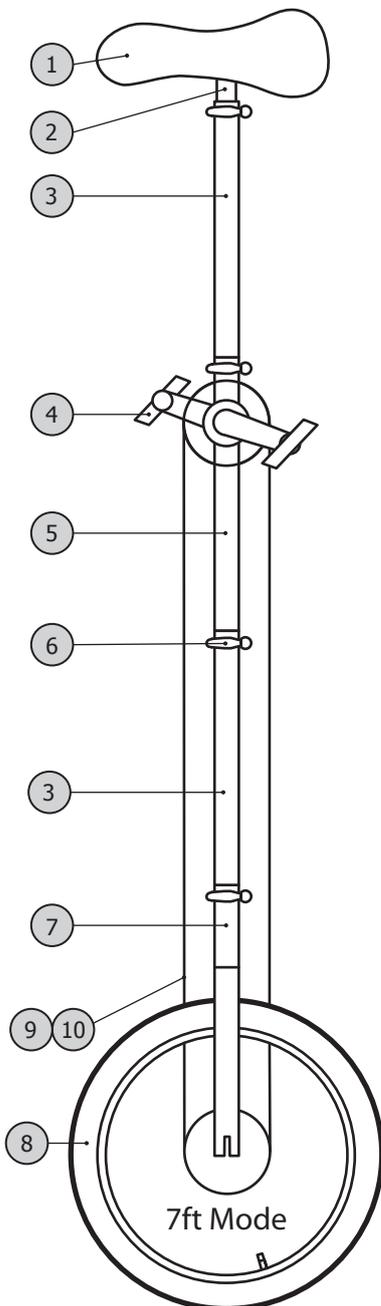
Your Nimbus giraffe is designed as a dual height compact performer's giraffe. With practice it can be assembled and disassembled in minutes to be packed way into a suitcase or box for transporting.

What you need to put your unicycle together, a 7mm, 10mm Wrench, 3mm, 4mm Allen key and Bicycle pump (Car valve).

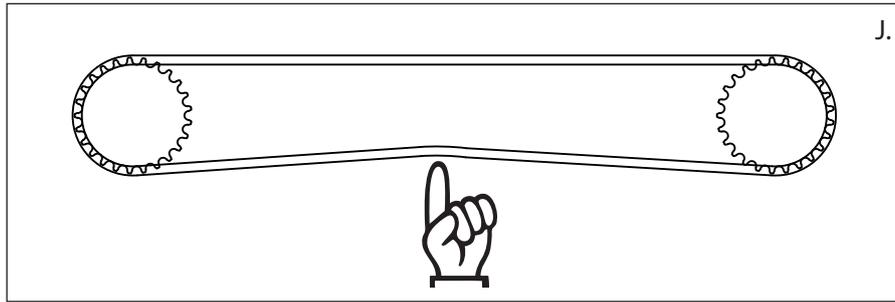
The Nimbus Performer Giraffe as supplied can be assembled as a 5 foot or 7 foot mode. These instructions will detail assembly of both heights.

## Assembling your Nimbus Performer Giraffe

- A. Your unicycle will require some assembly and should take only 15 minutes to complete. First, determine that you have all the components listed and if not contact your supplier immediately.
- B. Fit one quick release lever through the lugs provided on the ends of the straight, wheel frame sections & center section.
- C. Assemble the frame:
  - For a 5 foot giraffe assemble the frame section in the following order; straight section, center section (with cranks) and wheel fork section.
  - For a 7-foot giraffe assemble the frame section in the following order; straight section (3), center section (with cranks) (4), straight section (3) and wheel fork section (5).
- D. Insert the seat with seatpost into the frame. Set and tighten all the quick-releases by lifting the lever and hold it vertical, then tighten the thumb screw on the opposite side until it is finger tight. Pull the quick-release lever down to lock them in position. If it is too hard to pull the lever down loosen the thumb screw a little; if it does not hold the seat solid - release the lever and tighten the thumb screw more and then repeat the process if needed.
- E. Prepare the wheel for assembly. Loosen the 15mm nuts on the wheel until they are near the end of their threads. Loosen the bolts on the chain tensioners until they are near the end of their adjustment.
- F. Invert the frame so that the seat is on the floor and the wheel fork section is pointing upwards. Now slide the wheel into the forks. The chain tensioners and wheel nuts should be on the outside of the forks. Allow it to slide to the bottom of the slots (not stopped by the tensioners).
- G. Select the appropriate chains for height of the unicycle you are building and place them over the chainrings and sprockets.
- H. Pull the wheel upwards and slide the tensioners over the end of the frame. Be careful to keep both chains on the chainrings and sprockets and making sure the wheel is straight. Then tighten the 15mm wheel nuts by hand.
- I. Using the 3mm allen key and 7mm locknut, tighten the bolts on the chain tensioners. Work on tensioning both chains at the same time; tighten each bolt a couple of turns at a time. The chains are tensioned when both chains have about 1/2" movement in them when you press them in their center. Spin the wheel to check that there are no tight spots on the chains and that it rotates freely.
- J. When assembling your unicycle for the first time you may find that the chains are unevenly tensioned from front to rear. The Nimbus design allows for fine chain adjustment. Loosen the 6 bolts on each of the chain-rings by a couple of turns while the chain is under tension. Rotate the wheel a couple of times then re-tighten. Then tighten the wheel nuts using the back of the pedal wrench provided. Should this not alleviate any uneven tension in the chain, contact your dealer.
- K. Fit the pedals to the cranks by matching the letter on the cranks with those on the pedals. Tighten VERY firmly using your pedal wrench (the left hand crank has a reverse thread).
- L. Use the valve on the tube to check that the tire is pumped up to the appropriate pressure. Tire pressure depends on personal preference. In general, tire pressures for freestyle or road riding should be very firm, while tire pressures for Muni and trials are somewhat lower. Experiment with this until you find a tire pressure that you like.



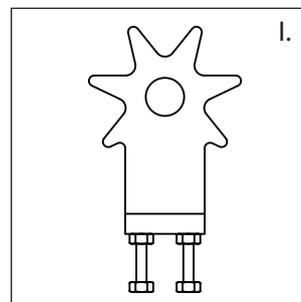
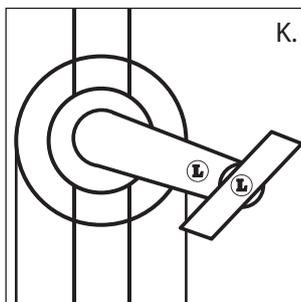
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## Things that can go wrong

Unicycles are pretty durable but they do need maintenance. Here are things to look out for in addition to checking for loose bolts:

- Loose pedals; normally found when riding or by holding the pedal and wobble it. Tighten immediately! Check that the wheel is fitted in the frame the correct way around. Riding on loose pedals will destroy the cranks. These are not warranty applicable parts, so make sure to check your cycle regularly to avoid unneeded problems!
- Loose cranks; Cranks may become loose over time. Tighten the axle bolt immediately! If this is left loose it will destroy the crank and hub and need to be replaced.
- Tight or loose bottom brackets (the spindle that the cranks are attached to). Occasionally the bearings require either tightening or loosening. This can occur by either excessive movement on the cranks or by the cranks not moving freely. Re-tensioning of the bearings requires specialized tools that can be found at your local bicycle shop.
- Damaged chains: stretched or worn chains normally cause tight and slack spots on the chains during rotation. Replace chain if this happens, as it will wear the sprocket and chain rings.
- Lubrication of chain; should there be signs of rust or if the chain should appear dry it should be lubricated. The chains should be lubricated with light oil; it should then be "dried" with a cloth to remove any excess.



## Warning

- Always make sure that all nuts and bolts are correctly tensioned before every ride.
- Always treat giraffes with care. Dismounting can be dangerous, you should always be aware of obstacles near you when riding especially when dismounting.
- When learning to ride a giraffe it is advisable to use a spotter to assist you.
- Always try to catch the unicycle when dismounting, repeated dropping of the frame on the floor will cause damage to the seat and frame.
- Always wear safety gear, safety is your own responsibility.