**BIKER G3**

CONSTRUCTION MANUAL

**Length**  
104 - 127 cm / 41 - 50 inch

**Max weight**  
31 kg / 69 lbs

**Time to build**  
3.5 hours
WARNING - IMPORTANT NOTICE TO PARENTS

Before you start constructing and use our product, please carefully read the following safety warning and download our manual from our website. This safety warning and manual contains important information relating to your child's safety. It is your responsibility to review this information with your child and make sure they are fully aware of all the warnings before they start riding. Failure to follow instructions and safety precautions can result in serious injury or death.

You can find a digital copy of the manual at the following web address:

www.infentorides.com

PLEASE PRINT OUT THE MANUAL AND KEEP THE MANUAL AND THIS SAFETY WARNING IN A SAFE LOCATION FOR FUTURE REFERENCE.
SAFETY SECTION

WARNING! PARENTAL SUPERVISION AND APPROPRIATE USE

Like any moving product, rides made from Infento parts can be dangerous if due care and attention is not paid. To reduce the risk of serious injury: use only under close adult supervision. Parents must review the following warnings and instructions with each Infento ride that is being build. It is your responsibility to review this information and make sure that all riders understand all warnings, cautions, instructions and safety topics, and assure that young riders are able to safely and responsibly use this product. Infento recommends that you periodically review and reinforce the information in this manual with younger riders, and that you inspect and maintain your child’s Infento rides to insure their safety.

WARNING! RIDING ON INFENTO RIDES CAN BE A DANGEROUS ACTIVITY

Riding on Infento rides can be a dangerous activity. Certain conditions may cause the equipment to fail without fault of the manufacturer. Rides made from Infento parts can and are meant to fail without fault of the manufacturer. Like any moving product, rides made from Infento parts can be dangerous if due care and attention is not paid. To reduce the risk of serious injury: use only under close adult supervision. Parents must review the following warnings and instructions with each Infento ride that is being build. It is your responsibility to review this information and make sure that all riders understand all warnings, cautions, instructions and safety topics, and assure that young riders are able to safely and responsibly use this product. Infento recommends that you periodically review and reinforce the information in this manual with younger riders, and that you inspect and maintain your child’s Infento rides to insure their safety.

WARNING! TO AVOID SERIOUS INJURY:

1. Continuous adult supervision is required.
2. Only ride constructed rides that have been built according to the instructions given in the official Infento manual.
3. Never exceed the maximum weight. You can find the maximum weight for every specific ride in our manual.
4. Always check the manual to see the minimum and maximum age as well as the minimum and maximum length for every specific ride.
5. Always wear safety equipment such as a helmet, knee pads and elbow pads. We recommend riders always wear a properly fitted helmet that complies with local or national guidelines or laws. Keep chinstrap of helmet securely buckled.
6. Always wear closed toed shoes (lace-up shoes with rubber soles), never ride barefooted or in sandals, and keep shoe laces tied and out of the way of the wheels.
7. Avoid streets and surfaces with water, sand, gravel, dirt, leaves, and other debris. Wet weather impairs traction, braking and visibility.
8. Excessive exposure to sunlight, temperatures below 0 degrees Celsius, water, sand, gravel, dirt, leaves, and other debris can damage, shrink, expand or weaken parts. Keep your ride in a dry environment with proper heating.
9. Avoid sharp bumps, drainage grates and sudden surface changes. Your Infento ride may suddenly stop.
10. Ride on smooth, paved surfaces away from motor vehicles. Wet, slick or uneven and rough surfaces may impair traction and contribute to possible accidents.
11. Never risk damaging surfaces, such as carpet or flooring, by use of an Infento ride indoors.
12. Never use near motor vehicles, streets, roadways, alleys, swimming pool areas, hills, steps, sloped driveways, inclines and public highways.
13. Watch out for pedestrians, skaters, skateboards, scooters, bikes, children or animals who may enter your path, and respect the rights and property of others.
15. Do not use at night or in periods with reduced visibility.
16. Before every use, please make sure that the complete ride and all joints have been assembled tightly, as with use, joints may wear out.
17. Before using your Infento ride, please check that the screws are tightened securely.
18. It’s your own responsibility if you modify the product other than manufacturer’s instructions.
19. Maintain a hold on the handlebars at all times.
20. Brake will get hot from continuous use. Do not touch after braking.
21. Periodically check hardware and tighten if necessary. Replace worn or broken parts immediately.
22. Skill is required to avoid falls or collision causing injury to the user and third parties.
23. Check operation of breaks every time before bicycle is ridden.
24. Check local laws before you start with riding.
25. Never tow wagons, other vehicles, or children on skates or skateboards.
26. Make certain that anyone who uses an Infento ride has been fully instructed in its operation.
27. Instruct your child on how to use the breaks.
28. Do not perform stunts.
29. Never use headphones or a cell phone when riding.
30. Only one rider at a time on an Infento ride.
31. Do not allow children to stand on the product at any time.

FAILURE TO USE COMMON SENSE AND HEED THE ABOVE WARNINGS INCREASES RISK OF SERIOUS INJURY. USE WITH APPROPRIATE CAUTION AND SERIOUS ATTENTION TO SAFE OPERATION.

WARNING! OUR KITS CONTAIN SMALL PARTS

This package contains small parts which, before assembly, present a choking hazard to children under the age of three. Care should be taken during unpacking and assembly to insure that all small parts and plastic bags are accounted for and kept out of the reach of children.

WARNING! TO AVOID SERIOUS INJURY:

1. Toys are to be assembled by an adult using Infento manuals.
2. All fasteners (bolts and nuts) should be fully tightened.
3. It is the responsibility of the adult who assembles this bicycle to properly install all parts included in the factory sealed shipping carton and to make the adjustments to the functional parts such as handle bar and seat and chain when necessary.

USE – SUBSECTION

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SAFETY SECTION

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QUESTIONS? HELP NEEDED?
You can email us at: support@infentorides.com and our team will assist you as soon as possible.

MAINTENANCE | INSTRUCTION

1. Oil or grease moving parts periodically.
2. Check nuts and bolts often and tighten if necessary.
3. Any parts showing evidence or wear should be replaced immediately.
4. Follow closely the assembly instructions pertaining to the proper adjustments of parts.
5. Periodically check the brake system for proper function.
6. Periodically check the steering mechanism for proper function.
7. Check the air pressure in the tires to be the amount specified in the manual.
8. Periodically check the bicycle’s tooth belt to be sure that it is not too lose which could allow the chain to slip off the sprockets.

RECOMMENDED TOOLS

- 4 × Allen key
  - 3, 4, 5, 6 mm
- 1 × Tapeline
- 1 × T-handle for Allen key
- 5 × Wrench
  - 10, 13, 14, 15, 19 mm
First, get all required materials stated here and then follow the instructions.

Tighten bolts with full force (15nm) to prevent them coming loose.

Double check here: Does your result looks exactly like the image at the bottom of the page?
TOP 3 REQUIREMENTS MAKING A GREAT INFENTO EXPERIENCE:

1. Tighten bolts with full force (15Nm) to prevent them from coming loose.

2. Constructing and playing always under supervision of an adult.

3. Check frequently if all parts are still firmly tightened and function properly.
Double check here: Does your result looks exactly like the image at the bottom of the page?
It is best to tighten the bolt in such a way that you can still move the block and easily determine the right position with a tape measure. After that, you can then tighten the block further and you verify whether the size is correct.
If you look carefully you can see that the sides of the profile slope slightly inwards. If you tighten a bolt securely the profile will be pulled flush against the block so the profile is properly tensioned. As a result the bolts remain more tightly in place. This is called tensile stress.
The plastic parts of Infento are made using injection moulding technology where molten plastic is pressed under high pressure into a mould. A mould consists of steel blocks in which a shape is recessed.

Use the Allen key handle so you can tighten the bolt well.
Bolt M8x20 | 3x
Multi angle joint | 3x
T-Positioning block | 6x
Profile nut short | 2x

14 mm | 0.55”
There are two different knurled discs. One for each corner ending in a 5 (5-15-25-etc. degrees), which has one stripe round the outside, and one for each corner that ends in a 0 (0-10-20-etc degrees), which has two stripes round the outside.
This side has 3 position holes.
The positioning blocks are some of the smallest Infento parts but they are also some of the most important. They ensure that everything connects to each other properly. This prevents parts from twisting and coming loose when under pressure. Therefore, always use at least two positioning blocks per block.
If your protect cap has a hole, use a M8x12 countersunk bolt to fasten it.
If your Kit contains a white fastener bag with 12 Nock Washers, please follow the steps on this page. If not, please skip to the next page of the manual.

This is the U-block. Before being able to use this part, you need two Nock Washers M8-16. Press these washers into the slots.

These parts remain mounted permanently. Press firmly!
If your U-block or Kit doesn't have the M8-16 Nock Washers, you can use the regular M8-16 washers as shown here.
14 ride BIKER

A

B

C

135 mm | 5.32"

V 2.3
Use the Allen key handle so you can tighten the bolt well.
Brake caliper holder Bolt M6x25
Washer M8-16pulley protection 28T
Locknut M8
Bolt M8x60
1x
1x
2x

Locknut M8

Bolt M8x60

Washer M8-16

1x
2x
The plastic parts of Infento are made using injection moulding technology where molten plastic is pressed under high pressure into a mould. A mould consists of steel blocks in which a shape is recessed.

Use the Allen key handle so you can tighten the bolt well.
Leave a gap of at least 0.5mm when tightening the bolts.
Bolt M8x20 (low head) 1x
L-joint 1x
T-Positioning block 2x
Profile nut short 1x
Depending on your Kit, the T-joint might look like this. The new T-joint doubles as a profile connector (part A).
- Bolt M8x20 (low head) (1x)
- L-joint (1x)
- T-Positioning block (2x)
- Profile nut short (1x)
- Profile 7.87 inch | 200 mm (1x)

Profile short

- 2.36 inch | 60 mm (1x)
- 0.9 inch | 180 mm (2x)
- 7.87 inch | 200 mm (1x)
2x Locknut M8
2x Bolt M8x35
2x Knurled disc 2 stripes
This side has 3 position holes.
A

B

C

D

1x Profile nut short
2x Bolt M8x20
2x Multi angle joint
4x T-Positioning block

131 mm | 5.16"
If you have this type of seat in your Kit, please skip to the next page. If not, follow the instructions below to construct your seatboard.

Put the M6 square nuts in place before inserting the M6x50 bolts.
Pull the tire over the rim and inflate the tire to max 1.5 bar.

Note!
The valve points downwards.
ride BIKER

A

Toothed belt pulley 26T 1x
Bolt M6x12 5x
Bolt M8x20 1x
Washer M8-24 1x
Spacer 0.2 inch | 5 mm 1x

C

Axle clamp
Spacer 0.2 inch | 5 mm

y cable 30 cm
Epulse

Toothed belt pulley 26T
Spring brake system
7 inch wheel house

1x
A

B

Brake caliper holder

1x

Conical spring washer M6-10

2x

Bolt M6x16

2x

1x

Bolt M8x55

2x

A

B

Steering plate

Brake caliper

1x

1 mm
Bolt M5x6
2x
Caliper shield
1x
Locknut M8
1x
Bolt M8x20 (low head)
1x

7 inch wheel house
Caliper shield
1x
Note!
The valve points downwards.

Pull the tire over the rim and inflate the tire to max 1.5 bar.
Bike steering flange:

- 5x Bolt M6x12
- 1x Bolt M8x20
- 1x Wheel lock ring 8-42
- 1x 13 inch free spinning wheel

A
hold the arm at this position

hold in this position

hold in this position

hold in this position

loosen half turn
Washer M8-24
Bolt M8x20
Axle 6.06 inch | 154 mm
Crank left
Pedal left
Toothed belt 118T

Bearingblock 40x80_hexa 19

A

5 mm spacer

B

5 mm spacer

1 mm spacer

1x Spacer 0.04 inch | 1 mm
3x Spacer 0.39 inch | 10 mm
2x Spacer 0.2 inch | 5 mm
1x Bearingblock 40x80_hexa 19
Bolt M6x20
Clamping part holes with M6 thread
Bolt M6x12
Toothed belt pulley 46T
Axle flange

A

B

C

V 2.3
Move until Click!
Move until Click!
Push until Click!

Push until Click!
THANK YOU FOR READING ME!