SPEEDSTER G2
CONSTRUCTION MANUAL

Length 104 - 155 cm / 41 - 61 inch
Max weight 55 kg / 120 lbs
Time to build 6 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 intended to move, and it is therefore possible to ride on skates or skateboards, scooters, bikes, children or animals who may enter your path, and respect the rights and property of others.

WARNING! NO LIABILITY FOR CONSTRUCTED RIDES THAT DIFFER FROM OUR MANUALS

The rides that you can find in our manuals have been tested by official independent testing agencies. We will not be responsible or liable, directly or indirectly, in any way for any loss or damage of any kind incurred as a result of your decision to build constructions or rides that differ from the official rides that we show in our manuals.

ASSEMBLY – SUBSECTION

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. 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.
SAFETY SECTION

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.

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 x Allen key
3, 4, 5, 6 mm

1 x Tapeline

1 x T-handle
for Allen key

5 x Wrench
10, 13, 14, 15, 19 mm
First, get all required materials stated here and then follow the instructions.

Tighten the bolts with full force. Ensure that you hold the long side of the Allen key in your hand as this enables you to exert greater force.

Double check here: Does your result looks exactly like the image at the bottom of the page?

In frames like this you can find some background facts about technique.
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?

Tighten this bolt well, but not with full force because then you may damage the part.

Most nuts that you use for Infento are self-locking. This means that they cannot vibrate loose. On the inside of the bolt you will see a plastic washer that ensures it cannot turn freely, even if there is no tension on the bolt.
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.
A

B

C

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

Bolt M8x20

T-Positioning block

Multi angle joint

Profile 9.45 inch | 240 mm

6.50” | 165 mm
Depending on your Kit, the knurled discs can be of a different type, looking like this:

There are two types of knurled discs. Please see education section.

A

B

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.
Bolt M8x20: 3x
T-Positioning block: 6x
Profile nut short: 1x
Multi angle joint: 3x
Profile 3.15 inch | 80 mm: 1x

Profile nut short: 1x

T-Positioning block: 6x

Bolt M8x20: 3x

Multi angle joint: 3x
Profile 3.15 inch | 80 mm: 1x

Profile nut short: 1x

Profile 3.15 inch | 80 mm: 1x

1.26” | 32 mm
A

B

Knurled disc 2 stripes

Bolt M8x35

Locknut M8

Knurled disc 2 stripes

2x

2x

2x

+++

V1.9
If you have the **520 mm** profile in your kit, please skip to the next step. If not, you can construct it using the profile connectors A and B, as shown below.

**NOTE**

The profile connector (part A) has the infento word-emblem on it and doubles as a T-joint.
NOTE
Place the profile connector in the same orientation as shown here, then follow step A.
15

ride SPEEDSTER

Bolt M8x25 1x
Locknut M8 1x
Positioning block 2x
Multi angle joint 2x

Profile nut short 1x
Bolt M8x25 1x
Positioning block 2x
Multi angle joint 2x
At this side: 4 position holes.

M8x20 (low head)
20
ride SPEEDSTER

A
B

Bolt M8x35  1x
Locknut M8  1x
Knurled disc 2 stripes  1x

30°
6x knurled increments (each increment is 5°)
6x knurled increments (each increment is 5°)
4x knurled increments (each increment is 5°)
A

B

C

D

2mm

6x knurled increments (each increment is 5°)

30°
6x knurled increments (each increment is 5°)
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.
30

ride SPEEDSTER

Profile nut short 1x
Bolt M8x20 1x
Bolt M8x25 1x
Nut M8 1x
Profile nut short + foam 1x
Ducktail board + foam 1x

A

B

- M8x25

 foam 1x
A

B

11.97" | 304 mm
Bolt M6x16 5x
Locknut M6 5x
FRE Wheeler 1x
Toothed belt pulley 26T 1x
Bolt M6x20  
2x Clamping part holes with M6 thread  
1x Clamping part holes without thread  
 Spacer 0.08 inch | 2 mm  
 Spacer 0.2 inch | 5 mm  
 Spacer 0.39 inch | 10 mm  
1x Spacer 0.08 inch | 2 mm  
1x Spacer 0.2 inch | 5 mm  
1x Spacer 0.39 inch | 10 mm
Belt shield centre 26T

ride SPEEDSTER

A
Depending on your Kit, the T-joint might look like this. The new T-joint doubles as a profile connector (part A).
Bolt M8x45 1x
T-Positioning block 4x
Profile nut short 1x
Bearing block 40x40_Hexa 19 1x
T-joint 1x
0.2 in | 5 mm profile spacer 1x

Profile nut short 1x

Washer M8-24 4x

Bearing block 40x40_Hexa 19 1x

Profile spacer 0.2 in | 5 mm 1x

Toothed belt 154T 1x

Bolt M8x45 1x

2.09” | 53 mm
Note!
The valve points downwards.

Pull the tire over the rim and inflate the tire to max 1.5 bar.
A

hold the arm at this position

1 mm

B

hold in this position

C

hold in this position

tighten

D

loosen half turn
Pull the tire over the rim and inflate the tire to max 1.5 bar.

Note! The valve points downwards.
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.
1x Bolt M8x35
1x Locknut M8
4x Positioning block
1x Bearing block 40x40_8
1x Stabilizer plate
1x Multi angle joint

13x2.75-8d
4x Parrellel clamp joint
40x40_8
4x Bearing block
1x Positioning block
1x Locknut M8
1x Bolt M8x35
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.
A

B

C

4.80" | 122 mm
Bolt M8x35 1x
Locknut M8 1x
Positioning block 4x
Bearig block 40x40_8 1x
Stabilizer plate 1x
Multi angle joint 1x

V 1.9
Bolt M8x60
Locknut M8
Angle limiter 40°
Washer M8-16

A

B

C
Use the Allen key handle so you can tighten the bolt well.
Leave a gap of at least 0.5mm when tightening the bolts.
Pull the tire over the rim and inflate the tire to max 1.5 bar.

Note! The valve points downwards.
A

B

C

D

Word mark

Stabilizer rubber
85S black

7 inch wheel
Bearing 22-9

Stabilizer rubber
2x 85S black

Word mark
1x
This side has 3 position holes.
At this side: 4 position holes.
1 mm spacer
ride SPEEDSTER

A

B

C

- 5x Bolt M6x12
- 2x Bolt M6x20
- 1x Clamping part holes with M6 thread
- 1x Axle flange
- 1x Toothed belt pulley 46T

Washer M8-16pulley protection 28T
Axle flange 1x
Toothed belt pulley 46T 1x
Bolt M6x20 2x
Clamping part holes with M6 thread 1x
Axle flange 1x
Toothed belt pulley 46T 1x
Bolt M6x12 5x
Bolt M8x20
Washer M8-24
Spacer 0.2 inch | 5 mm
Crank large right
Pedal right

---

A

B

C

D

+++ +
A

B

Profile nut short
2x

T-Positioning block
2x

Bolt M8x20
2x

2 mm
4x knurled increments (each increment is 5°)
A

B

C

nylon ring

Belt shield

2x
Move until Click!
Push until Click!

Belt shield profile top
15.63 inch | 397 mm
2x

Belt shield profile bottom
15.63 inch | 397 mm
2x