

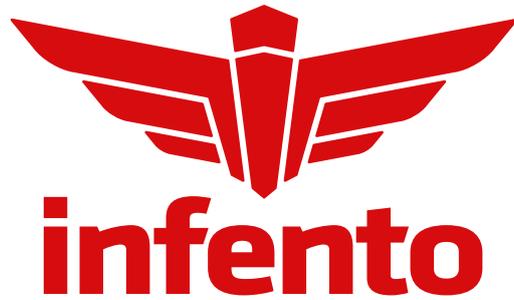
8-13
YEARS

SWING^{G2}

CONSTRUCTION MANUAL



Length 130 - 160 cm / 51-63 inch
Max weight 70kg / 154 lbs
Time to build 6 hours



World's first real constructible rides



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 lose control, fall off and/or get into dangerous situations that no amount of care, instruction or expertise can eliminate. If such things occur you can be seriously injured or die, even when using safety equipment and other precautions. Ride at your own risk and use common sense.

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. Construction/assembly of a ride should always be under supervision of an adult using the Infento manual for the specific ride.
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

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.
 14. Avoid excessive speed associated with downhill rides.
 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 OR SUPPORT NEEDED?

You can mail us all your questions at:
support@infentorides.com
and our team will reply 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 loose which could allow the chain to slip off the sprockets.

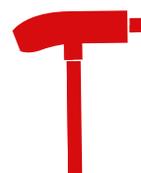
RECOMMENDED TOOLS



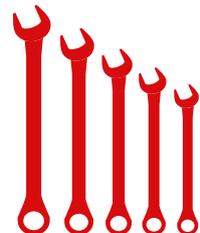
4 x Allen key
3, 4, 5, 6 mm



1 x Tapeline



1 x T-handle
for Allen key



5 x Wrench
10, 13, 14, 15, 19 mm



1

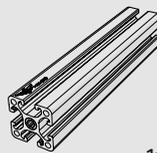
ride *SWING*

First, get all required materials stated here and then follow the instructions.



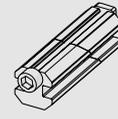
Protect cap

1x



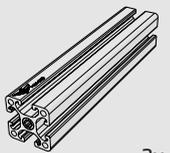
Profile
3.15inch | 80mm

1x



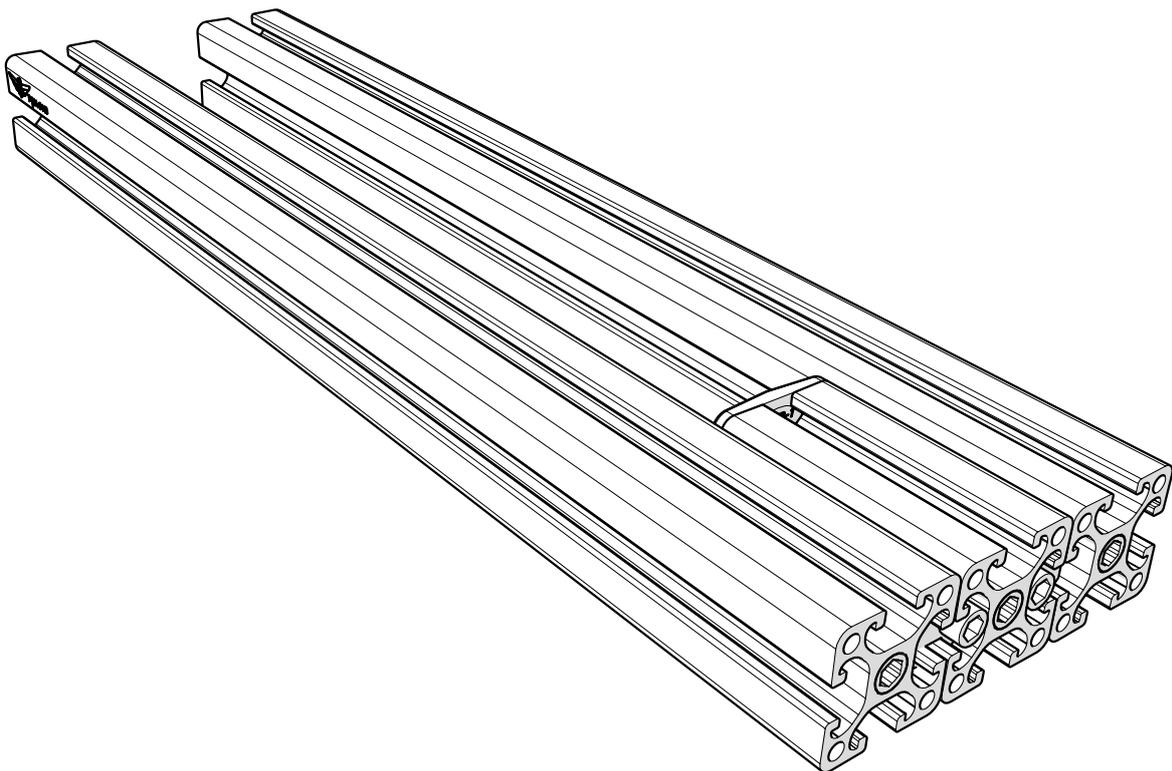
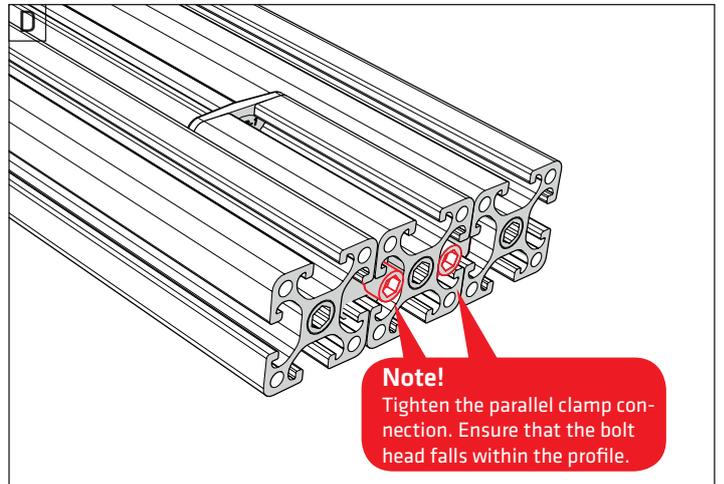
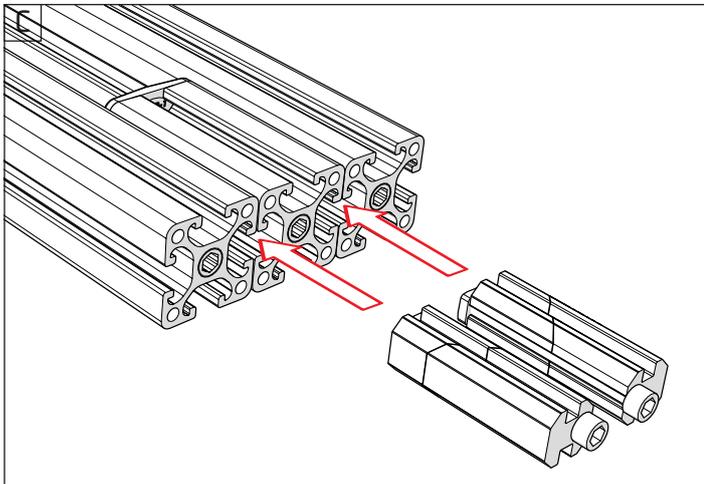
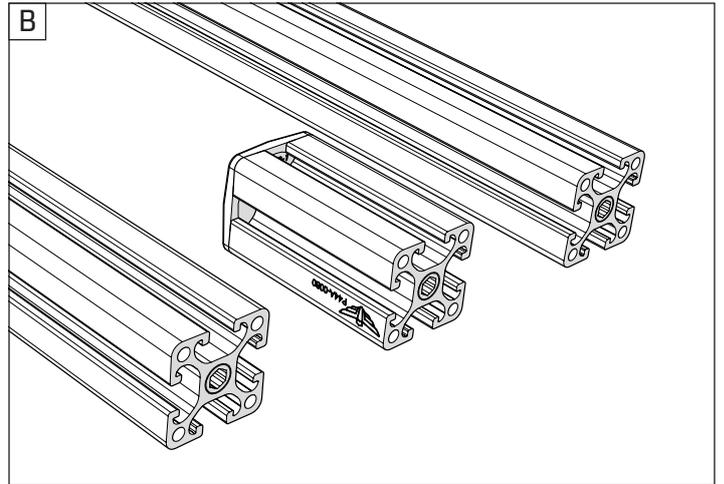
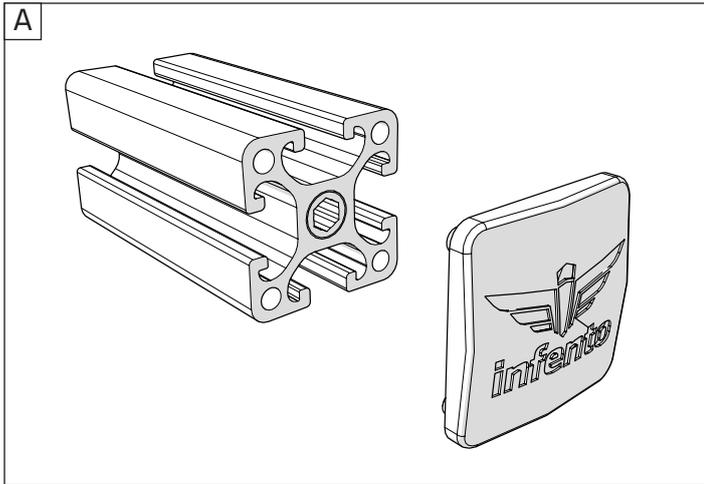
Parallel clamp joint

2x



Profile
17.32inch | 440mm

2x

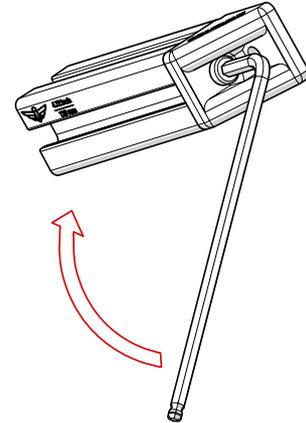


TOP 3 REQUIREMENTS MAKING A GREAT INFENTO EXPERIENCE:



1

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



2

Constructing and playing always under supervision of an adult.



3

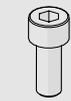
Check frequently if all parts are still firmly tightened and function properly.





2

ride *SWING*



Bolt M8x20

2x



T-Positioning block

4x



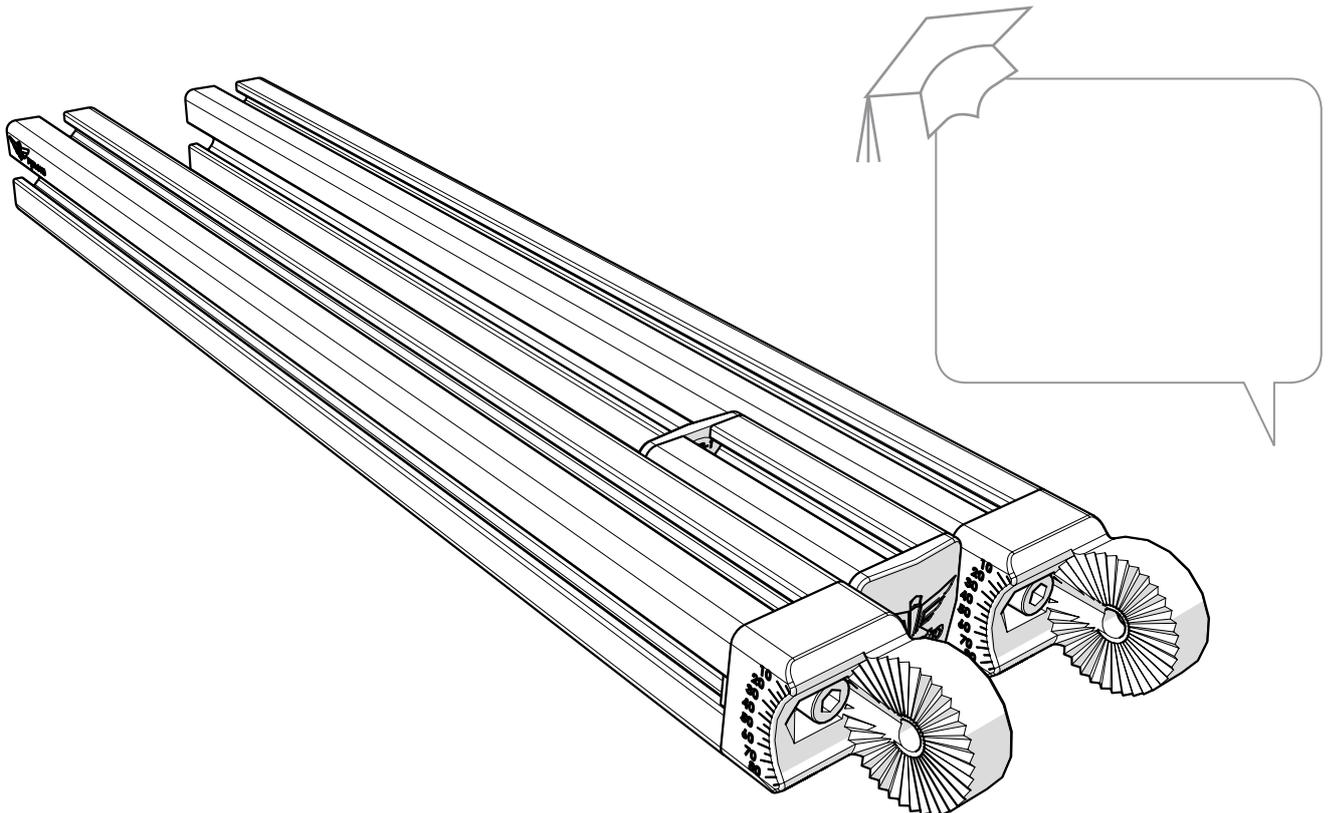
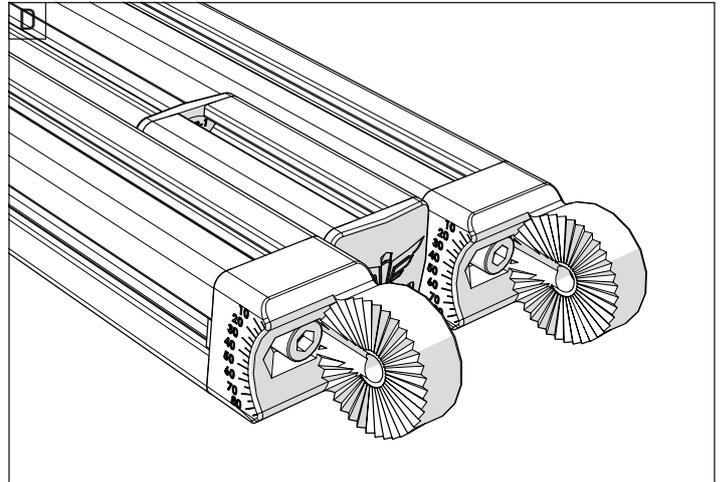
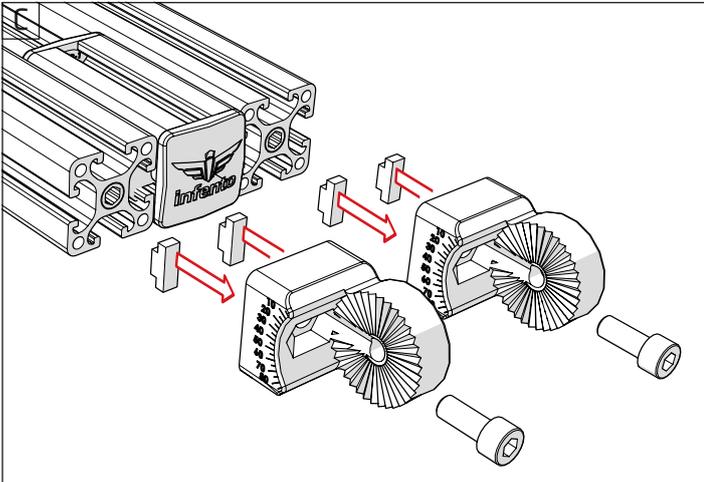
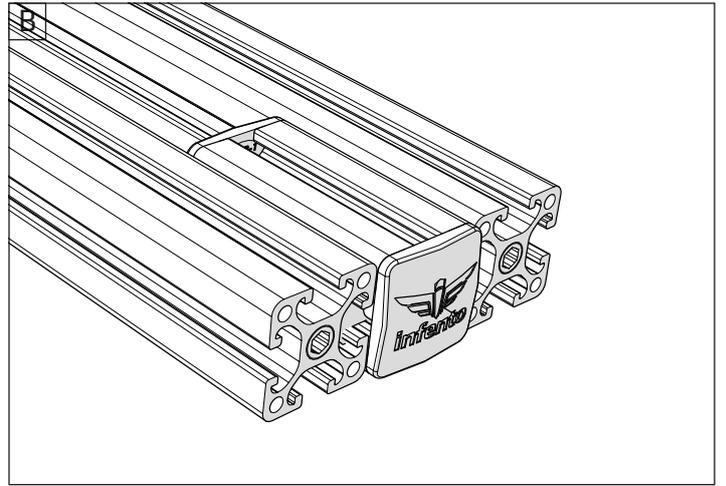
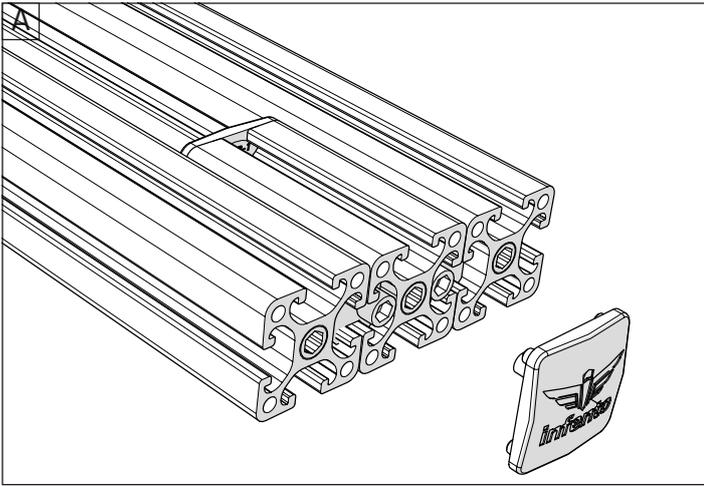
Multi angle joint

2x



Protect cap

1x





3

ride *SWING*



2x

Bolt M8x20

+



4x

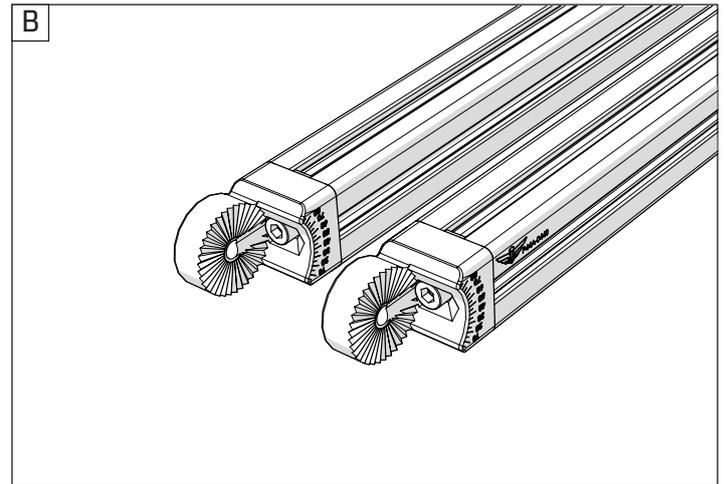
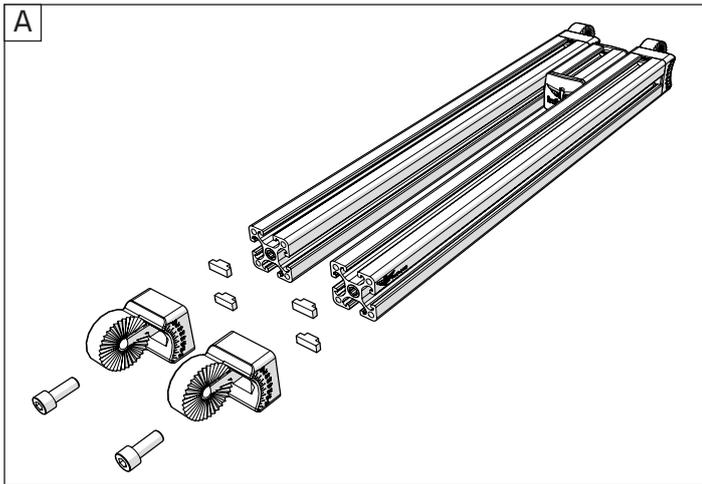
T-Positioning block

+

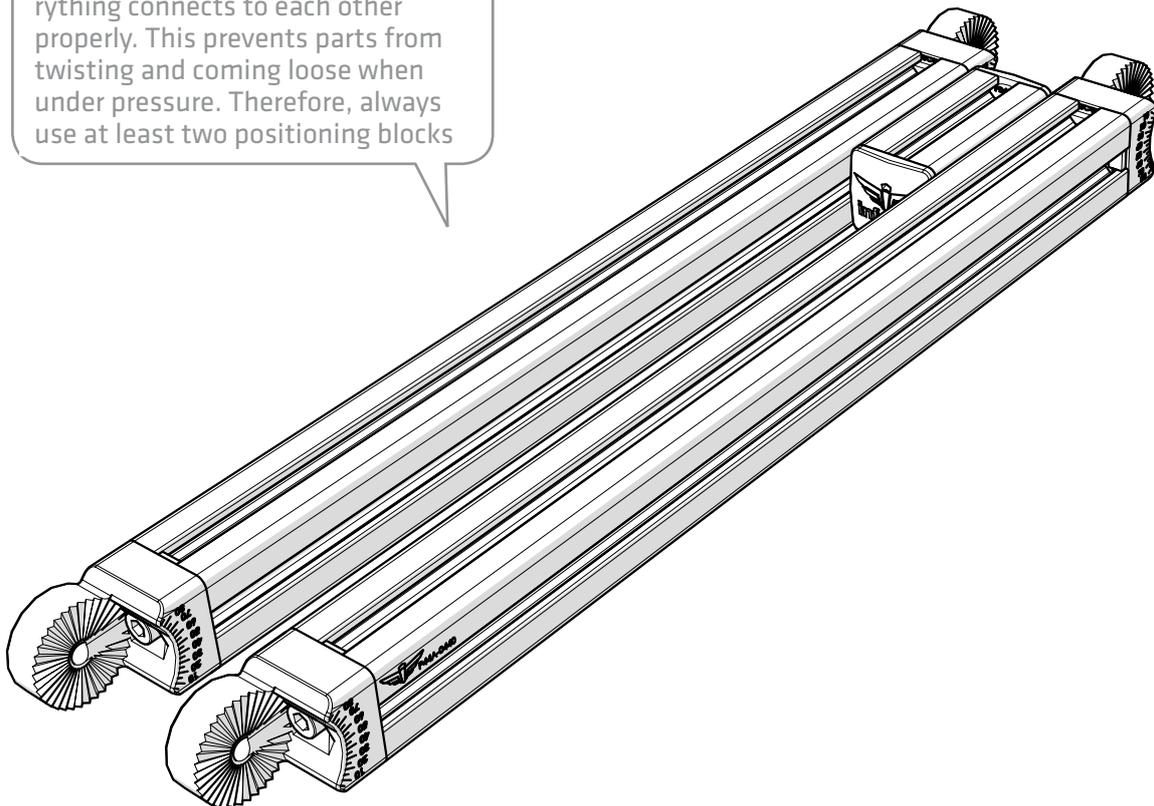


2x

Multi angle joint



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

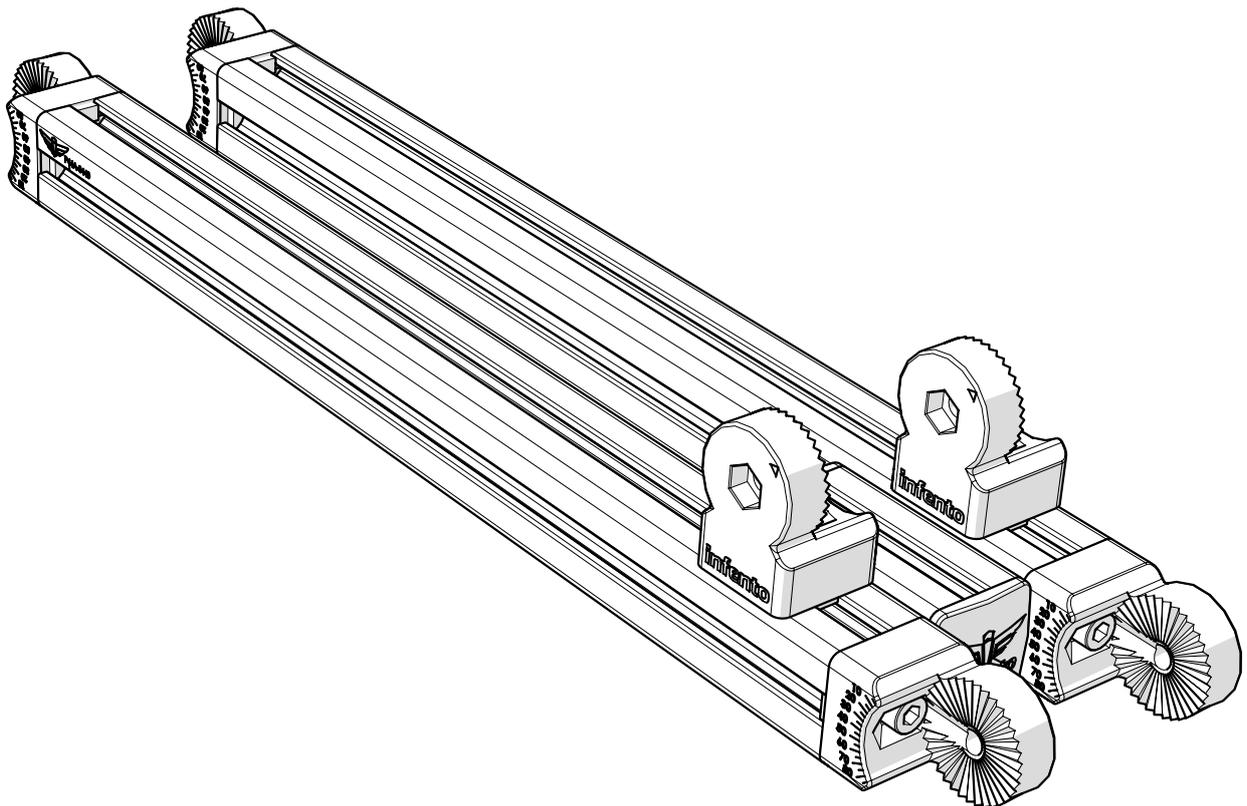
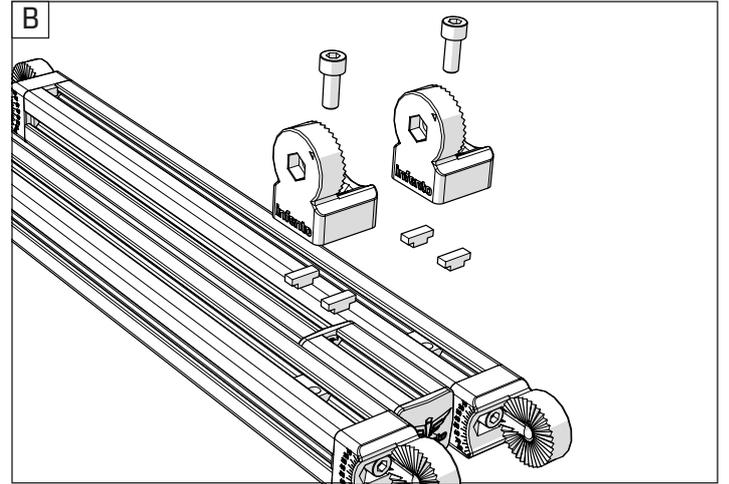
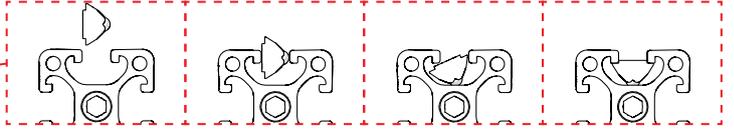
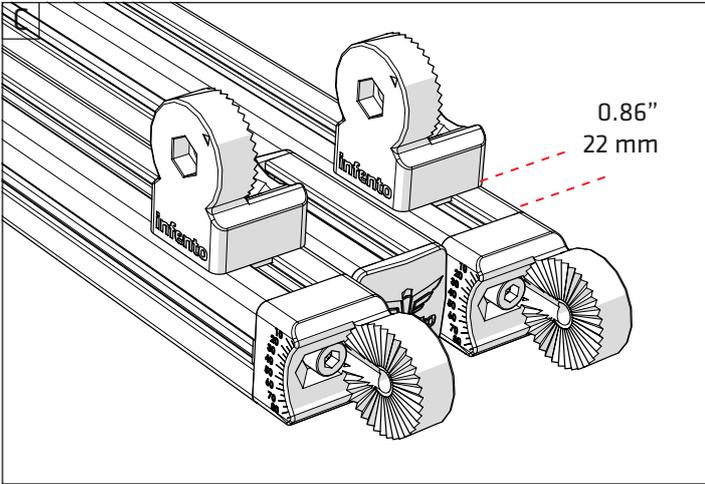
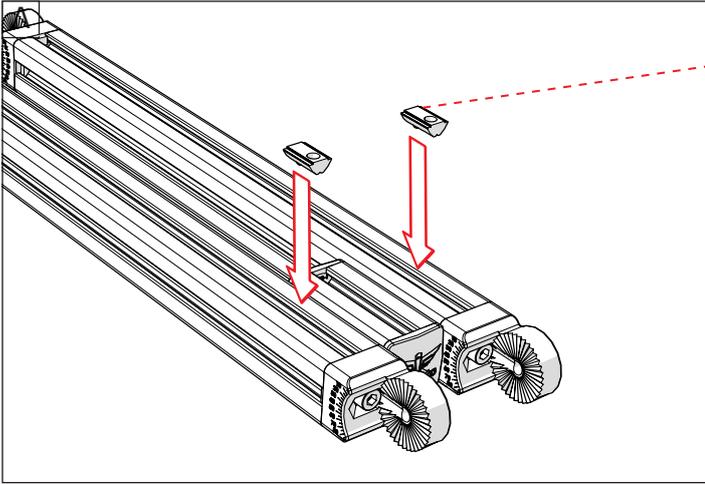




4

ride *SWING*

-  2x
-  4x
-  2x
-  2x

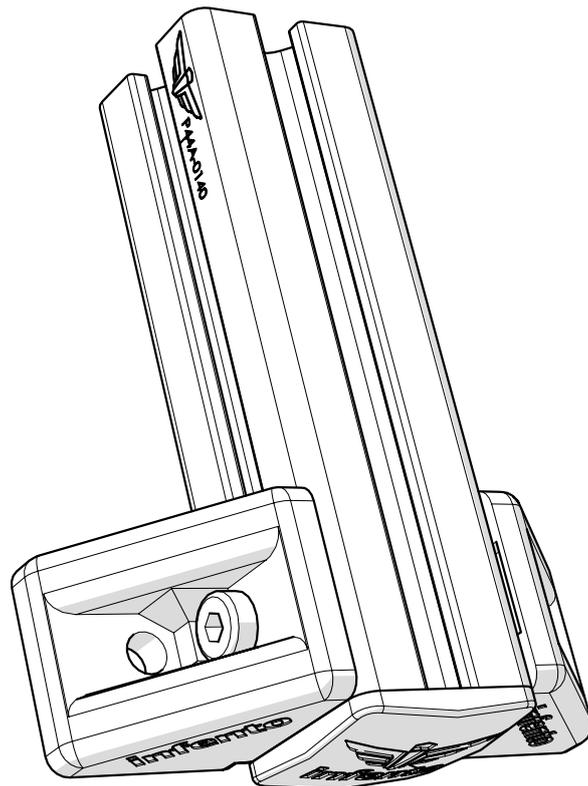
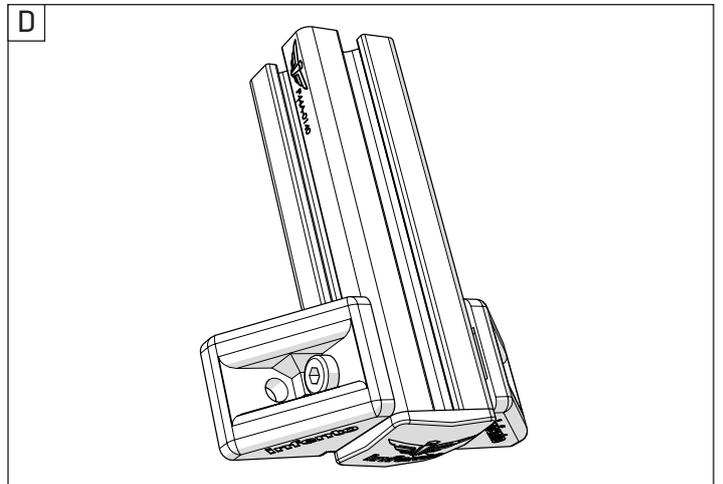
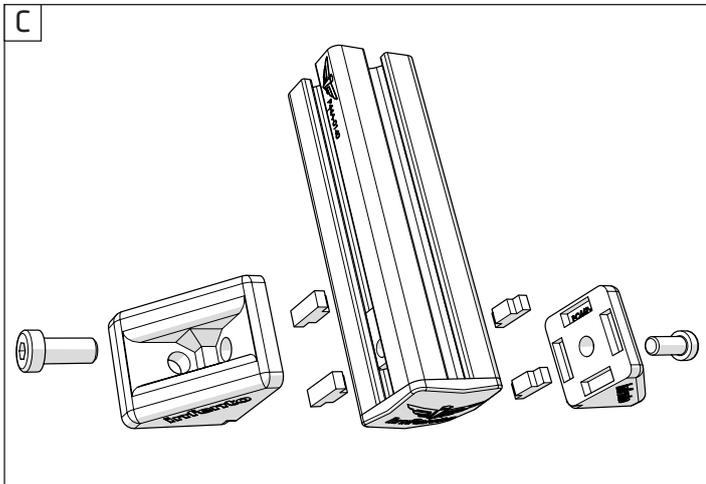
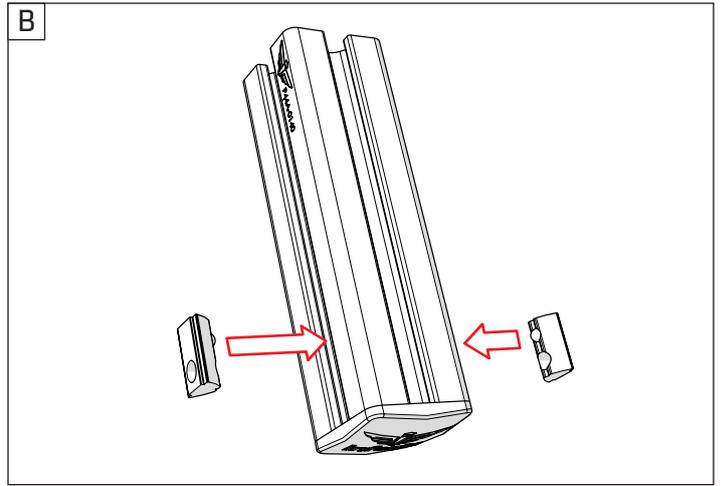
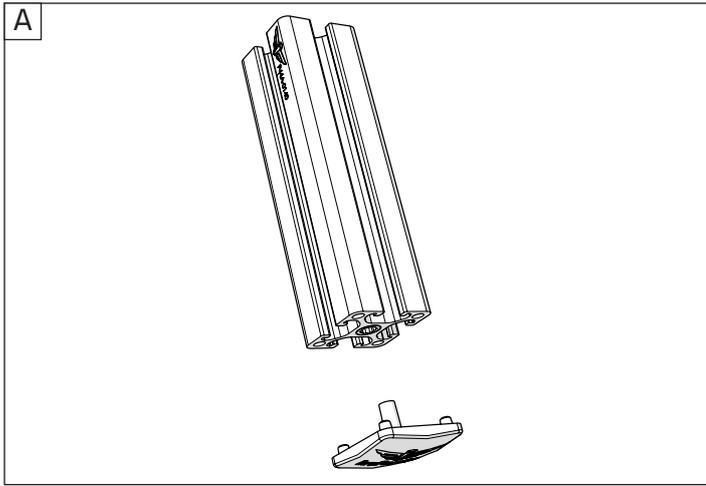




5

ride SWING

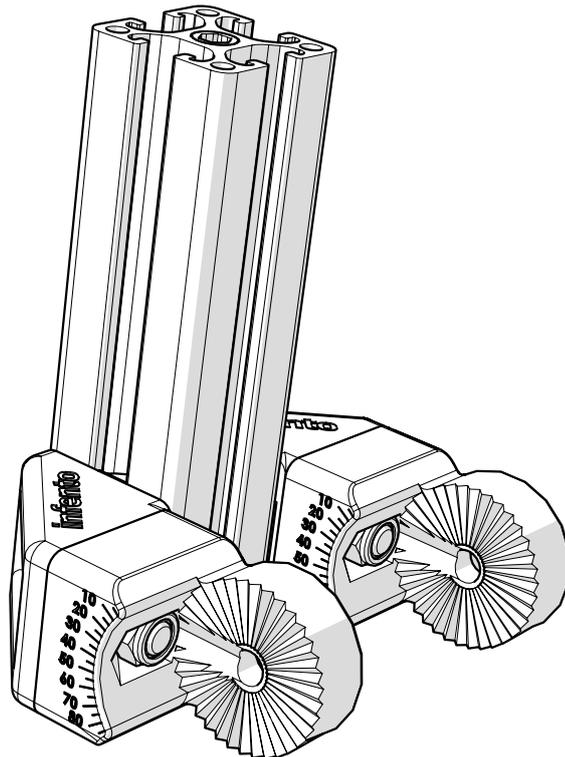
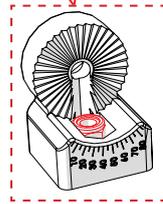
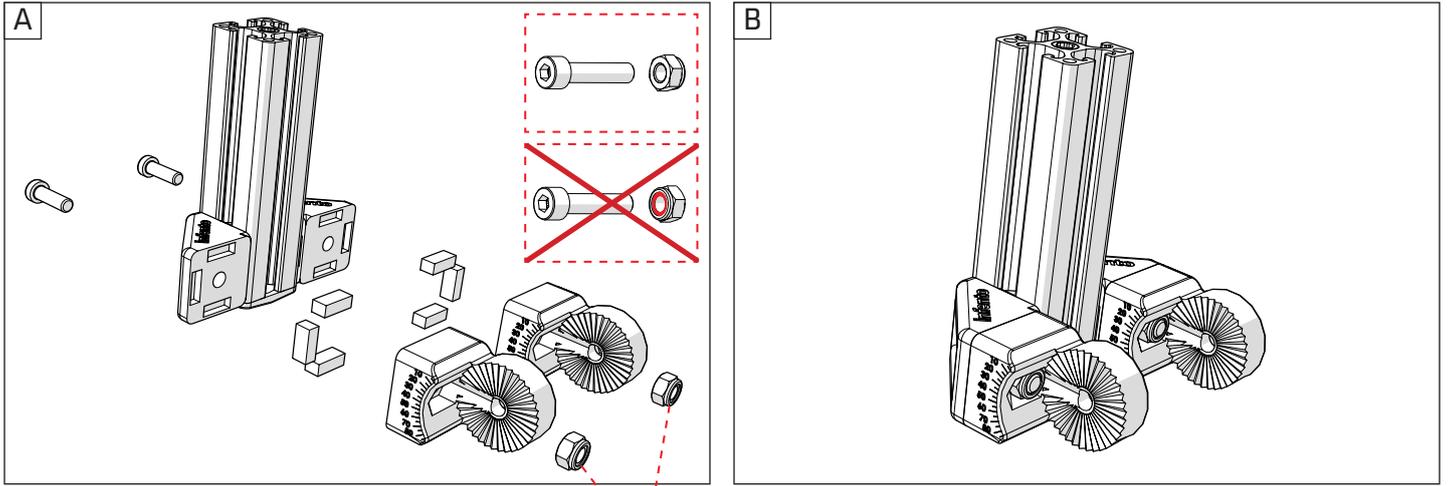
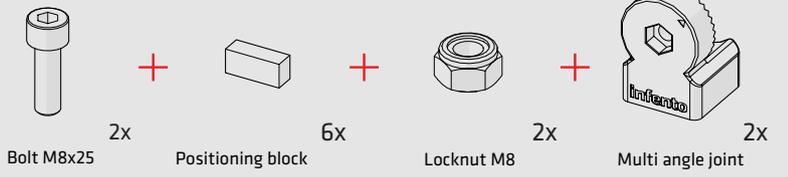
- Bolt M8x20 (low head) 2x
- T-Positioning block 4x
- Profile nut short 2x
- L-joint 2x
- Protect cap 1x
- Profile 5.51inch | 140mm 1x





6

ride *SWING*





7

ride *SWING*



2x



2x

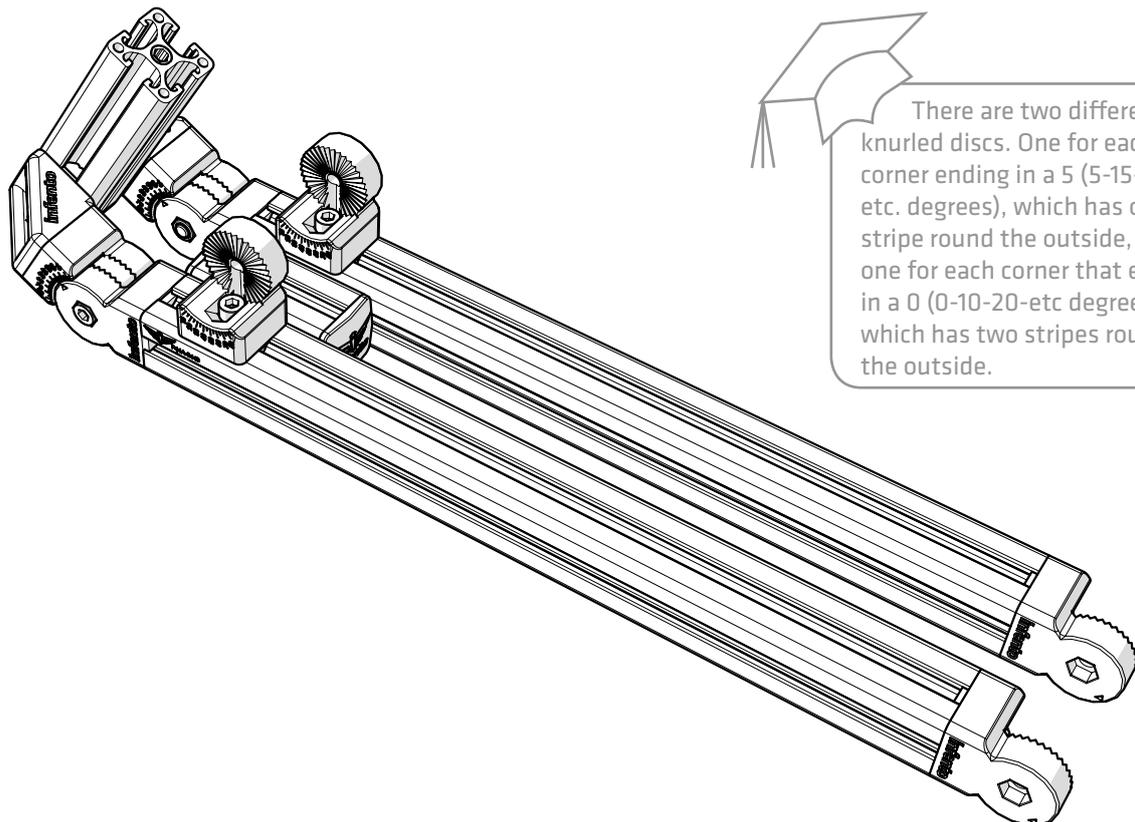
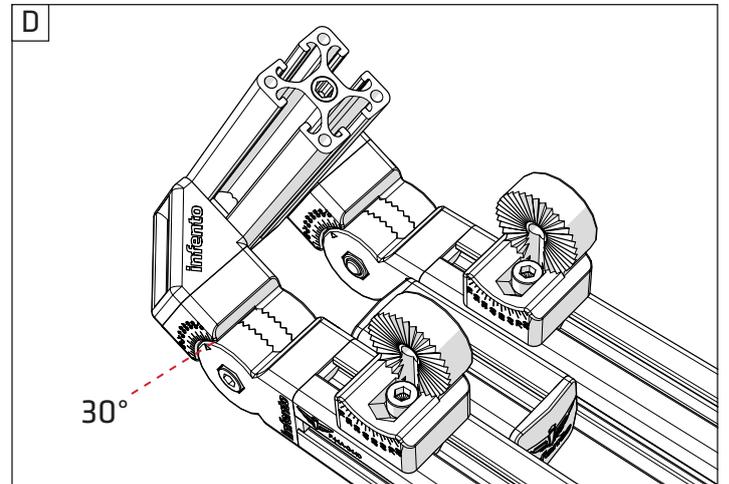
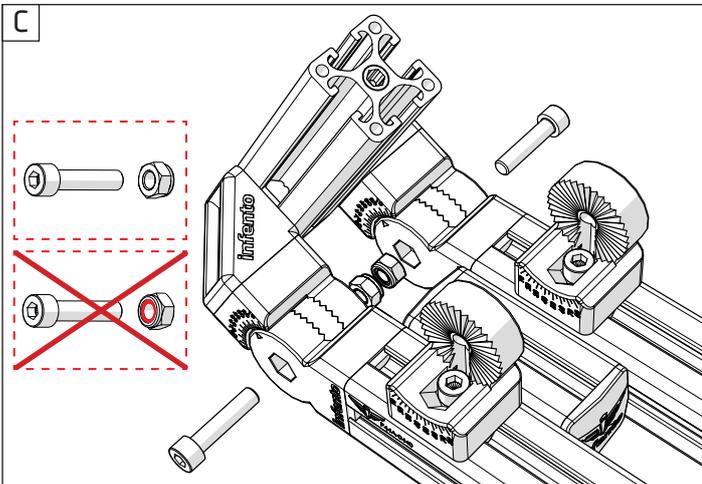
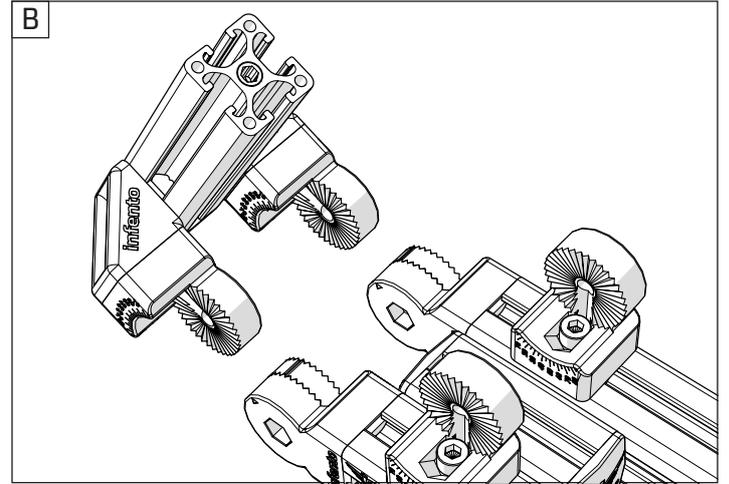
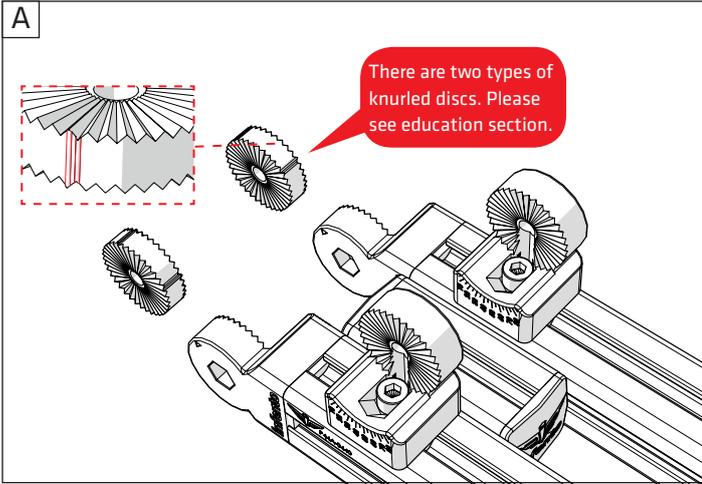


2x

Bolt M8x35

Locknut M8

Knurled disc 2 stripes



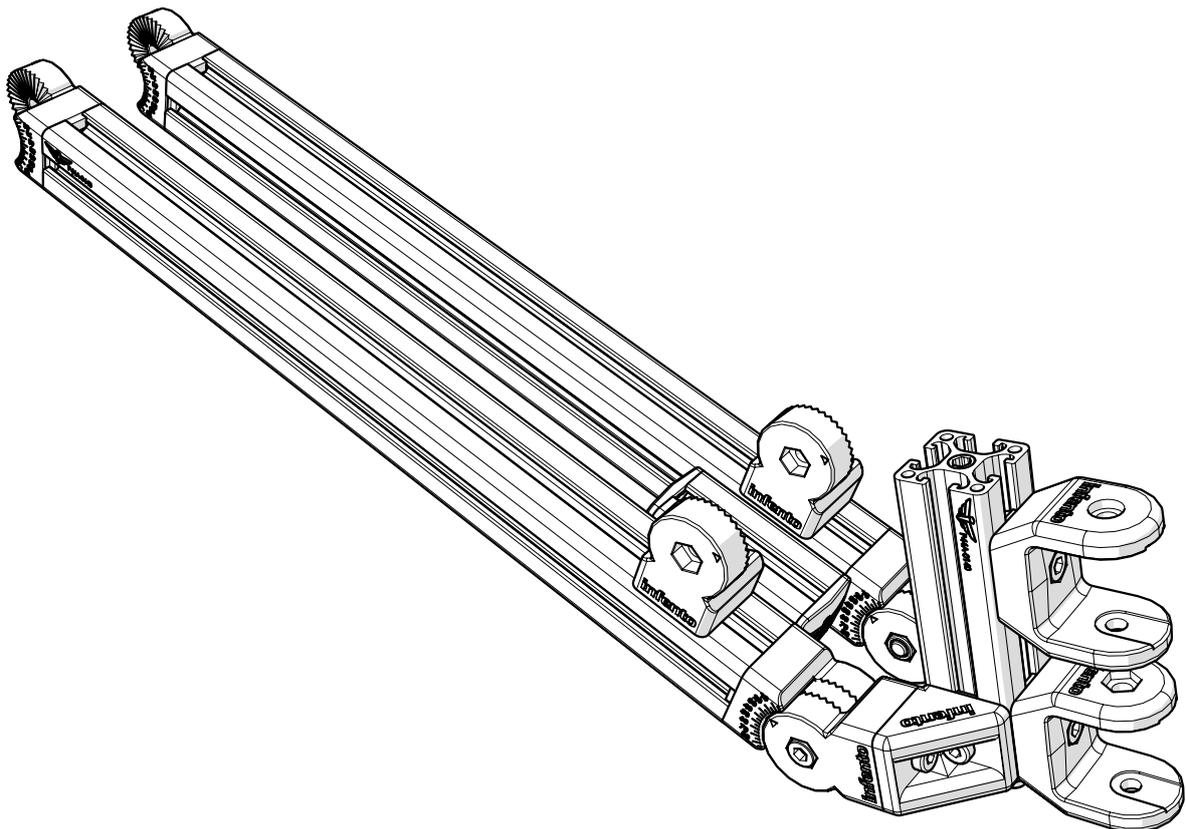
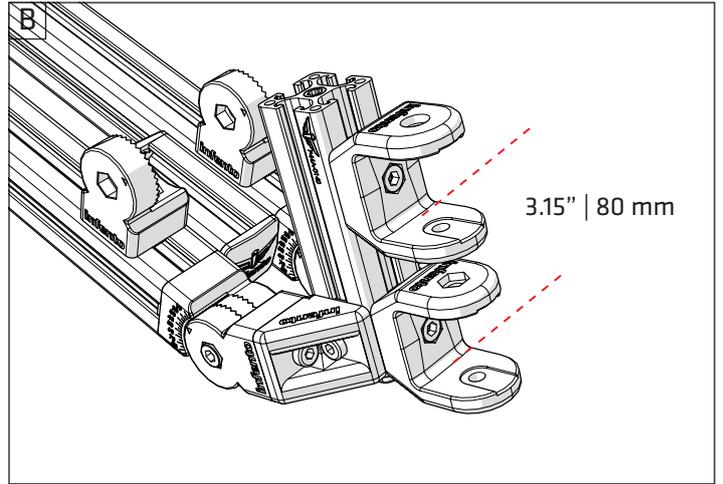
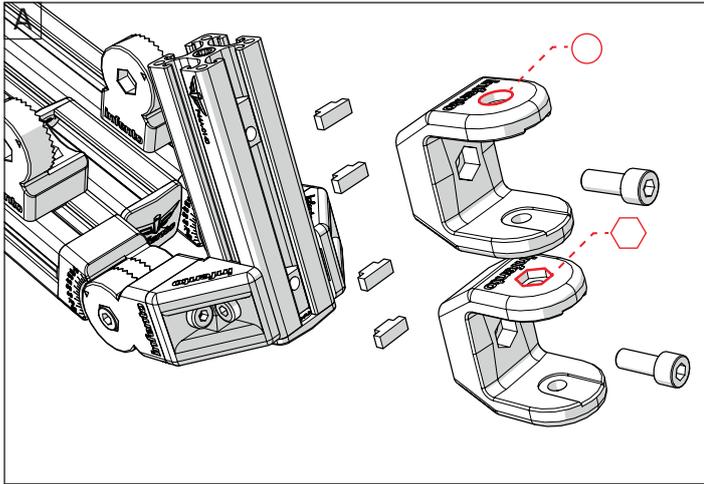
There are two different knurled discs. One for each corner ending in a 5 (5-15-25-etc. degrees), which has one stripe round the outside, and one for each corner that ends in a 0 (0-10-20-etc degrees), which has two stripes round the outside.



8

ride *SWING*

- Bolt M8x20 2x T-Positioning block 4x Profile nut short 2x U-Block 2x

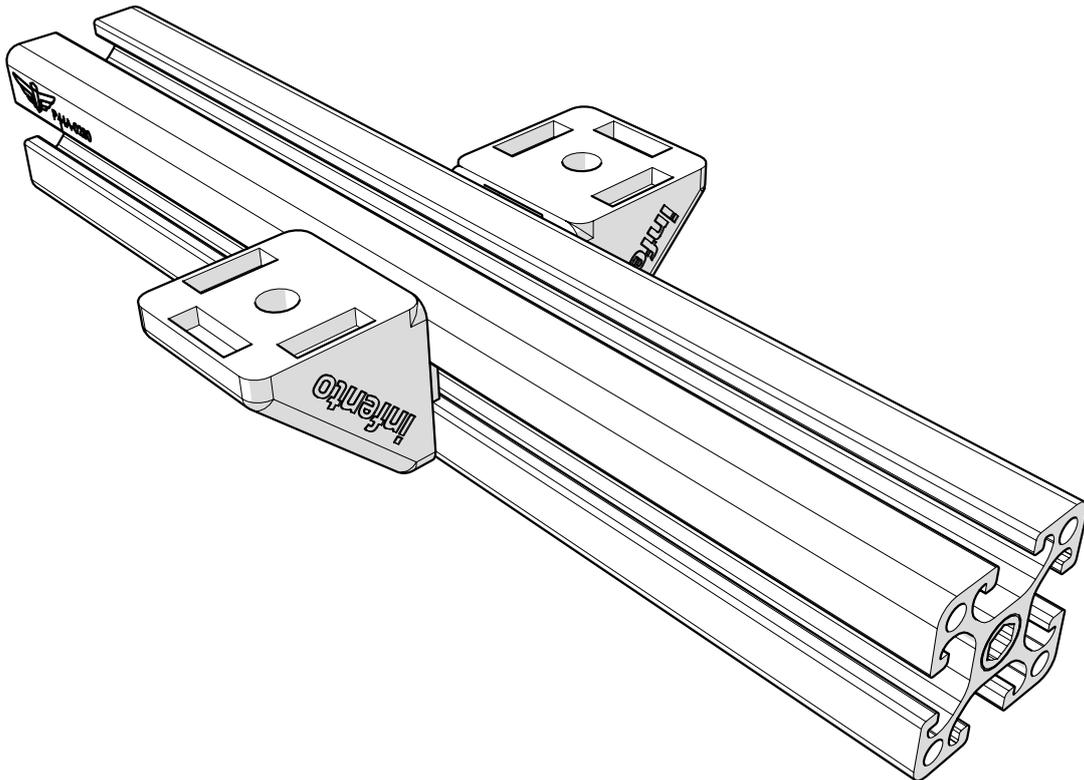
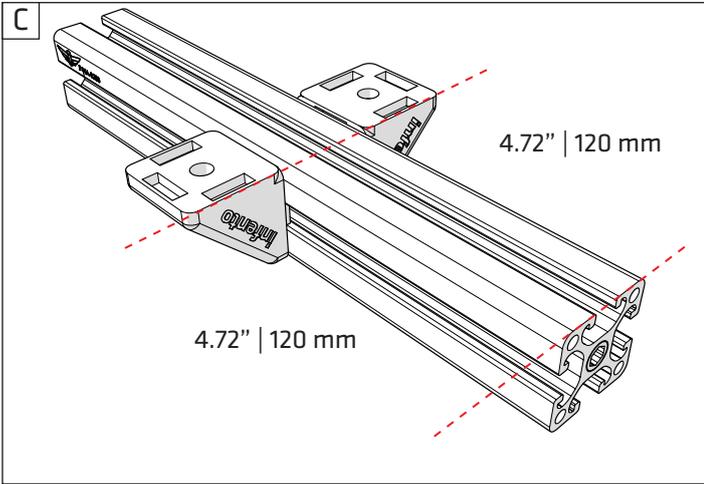
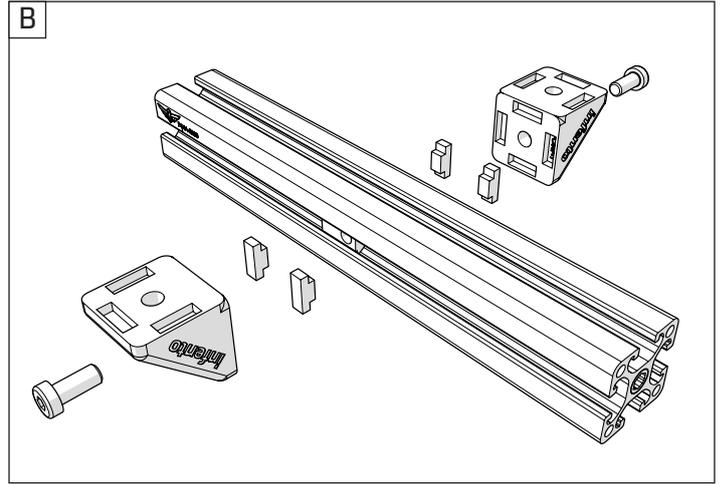
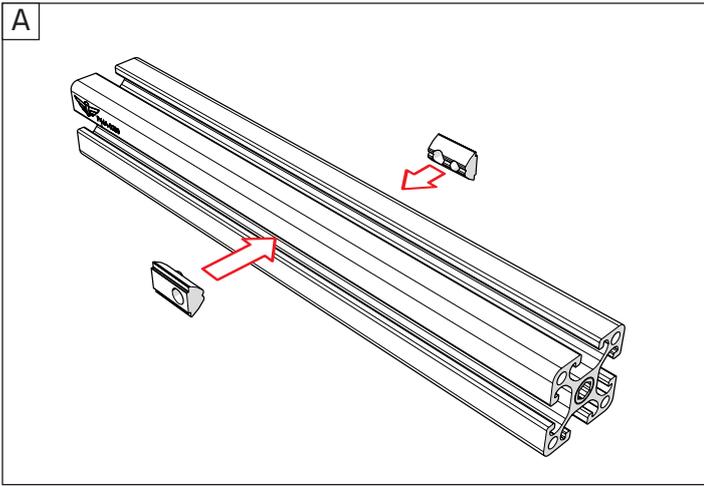




9

ride *SWING*

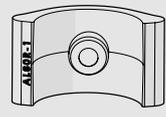
- Bolt M8x20 (low head) 2x
- T-Positioning block 4x
- Profile nut short 2x
- L-joint 2x
- Profile 1x 11.02inch | 280mm





10

ride SWING



Angle limiter 40° 2x



Bolt M8x25 2x



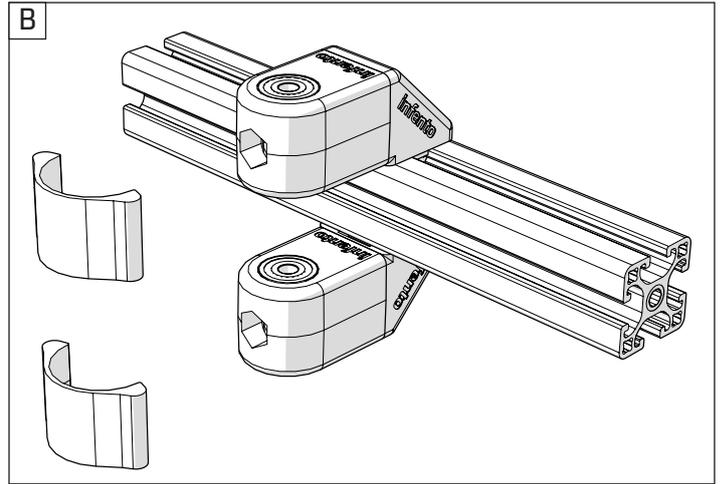
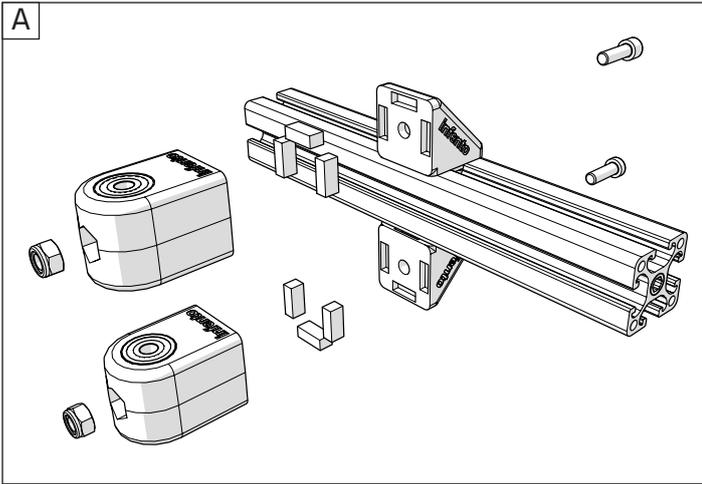
Positioning block 6x



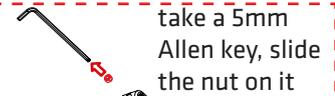
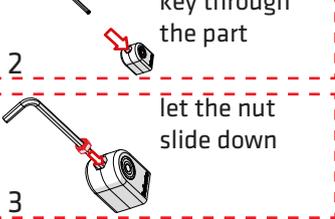
Locknut M8 2x



Bearing block 40x40_8 2x

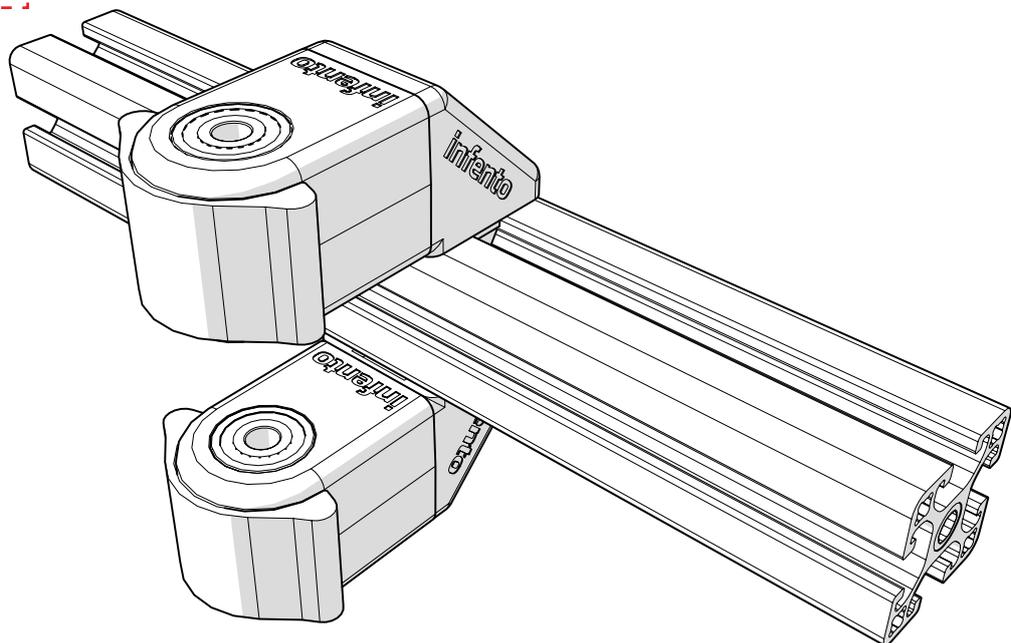


NUT-IN-PART-TRICK

-  take a 5mm Allen key, slide the nut on it
-  stick the Allen key through the part
-  let the nut slide down



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.





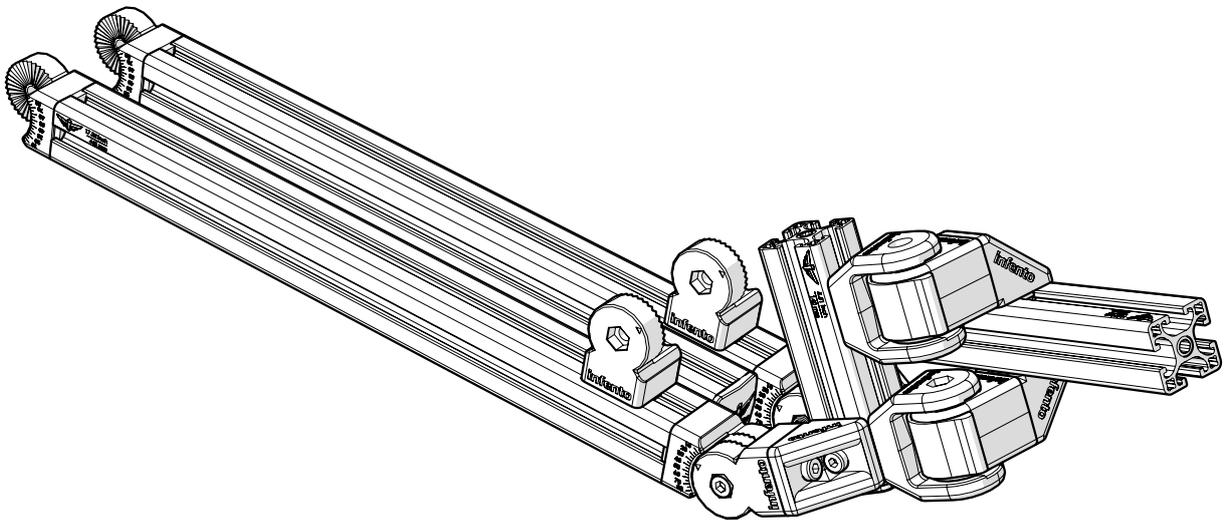
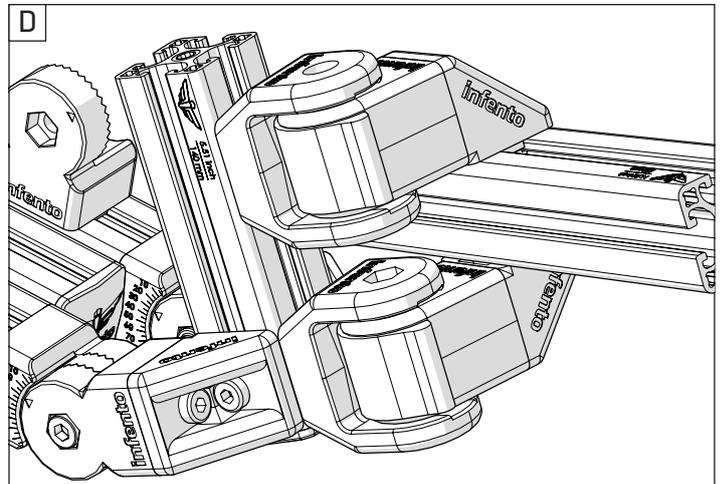
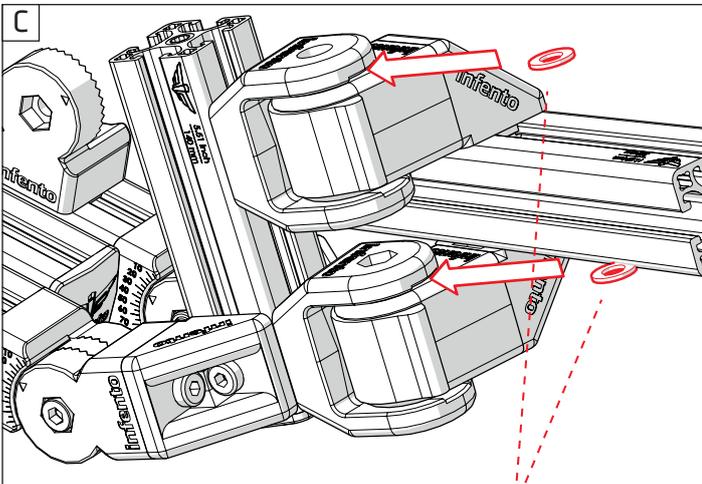
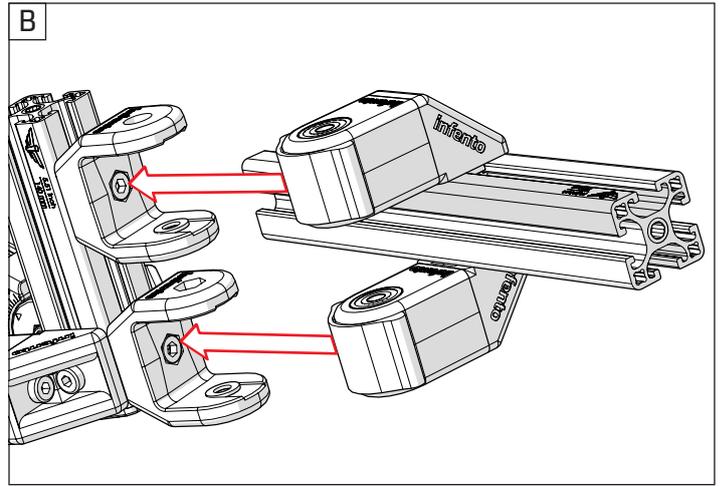
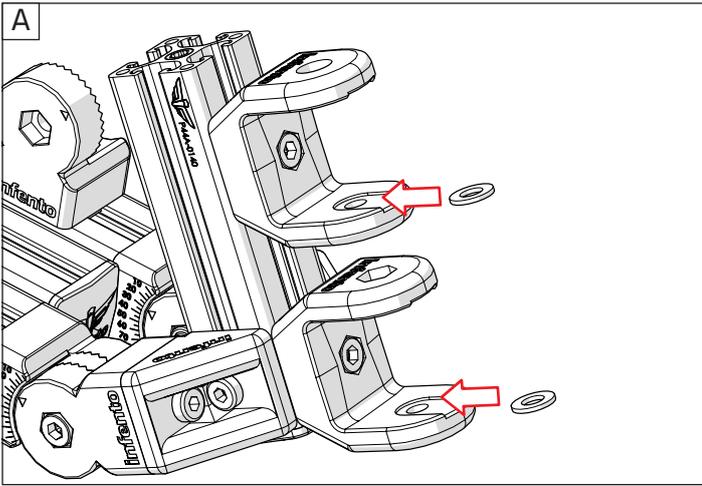
11

ride SWING



4x

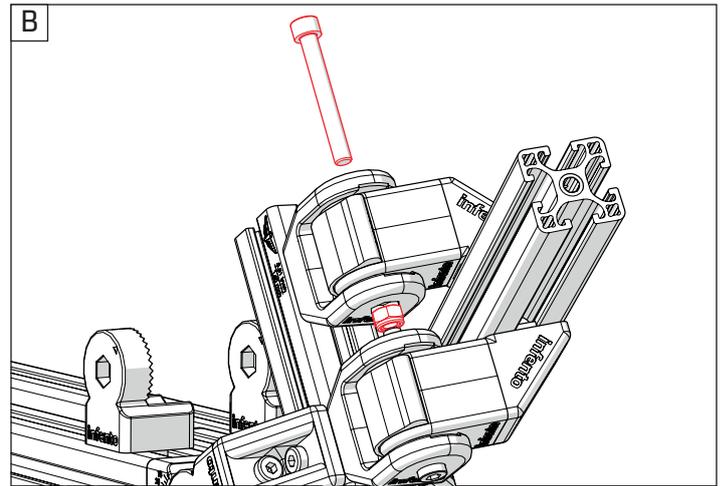
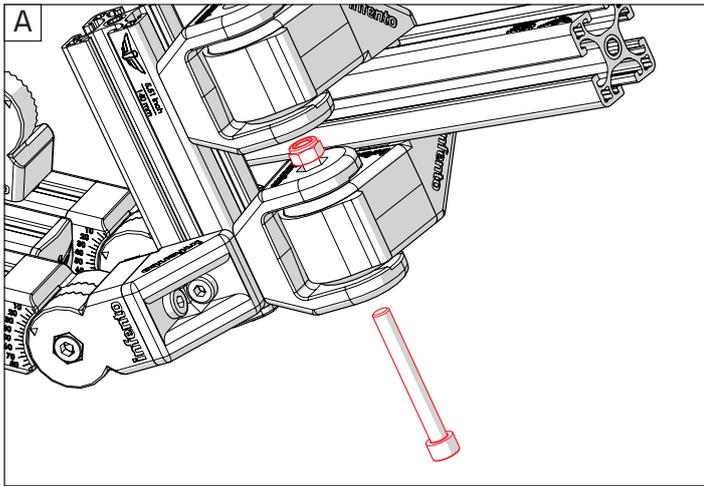
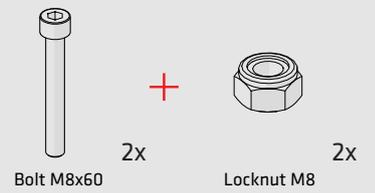
Washer M8-16



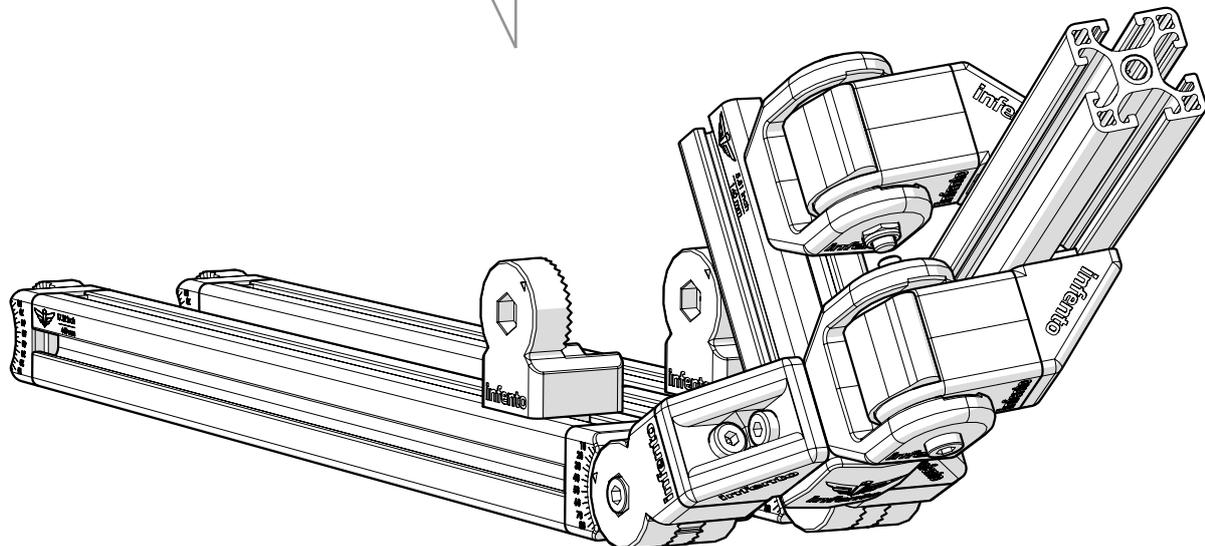


12

ride *SWING*



Between the U-block and the block bearing there have to be two washers. They ensure that there is space between the two blocks. Without it, the blocks would rub against each other, damage and twist heavily. With washers the gap is filled perfectly and you can tighten them securely.





13

ride SWING



1x

Bolt M8x20

+



2x

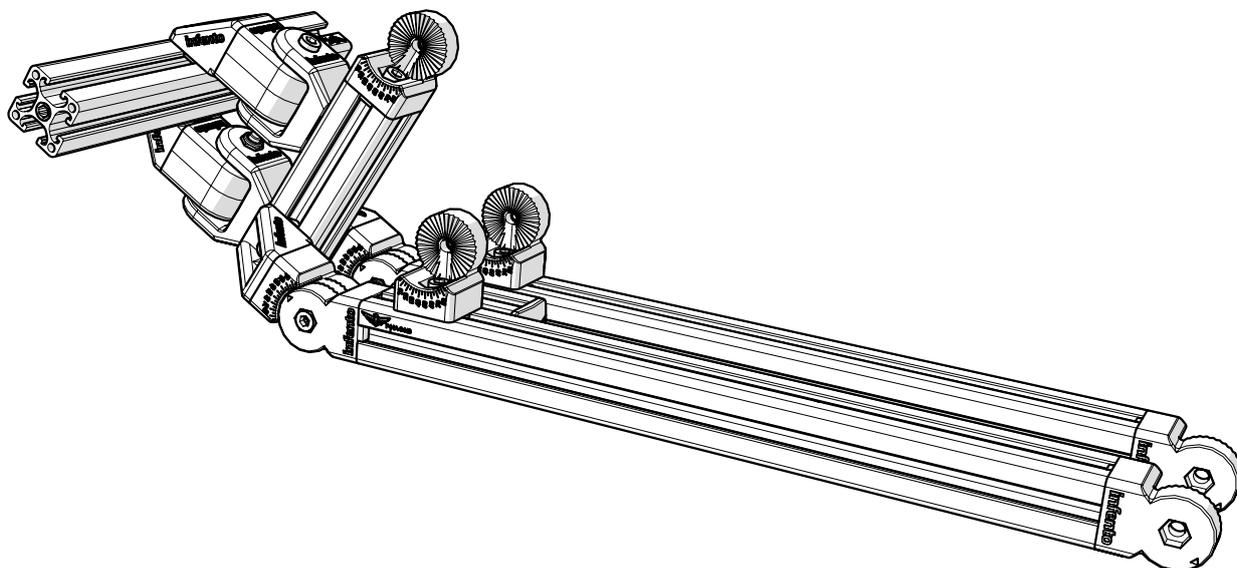
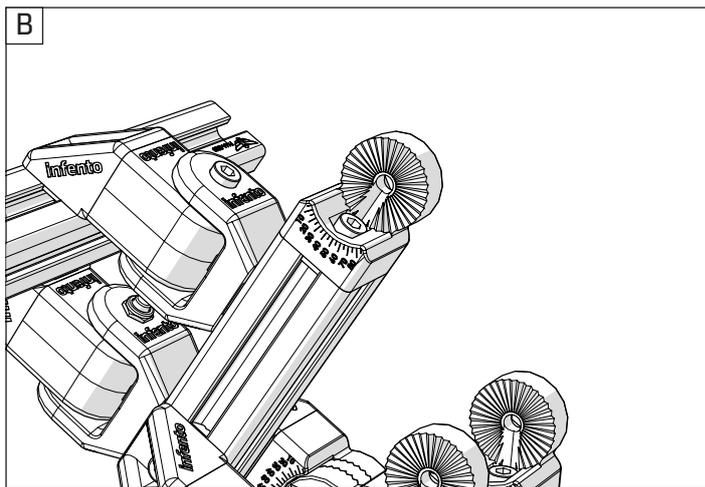
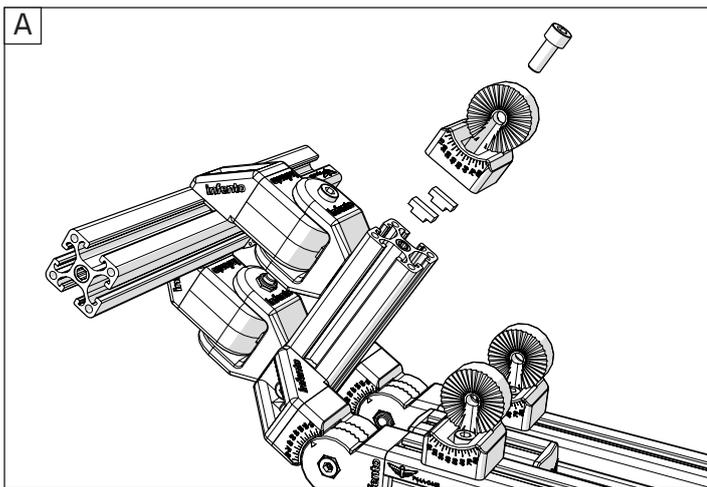
T-Positioning block

+



1x

Multi angle joint





14

ride SWING



1x

Bolt M8x20



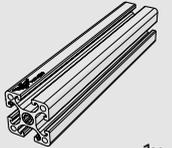
2x

T-Positioning block



1x

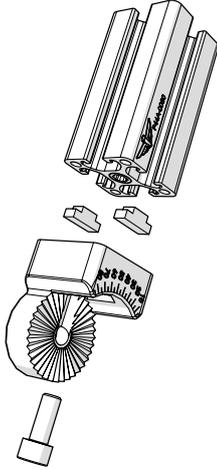
Multi angle joint



1x

Profile 3.15inch | 80mm

A



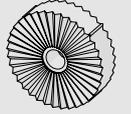
1x

Bolt M8x30 (low head)



1x

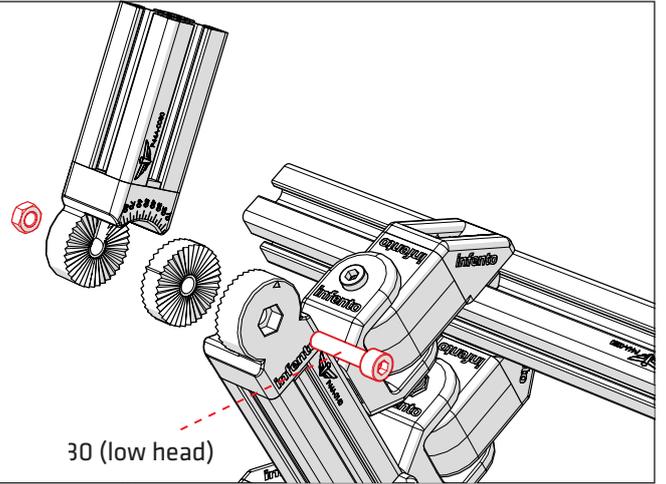
Nut M8



1x

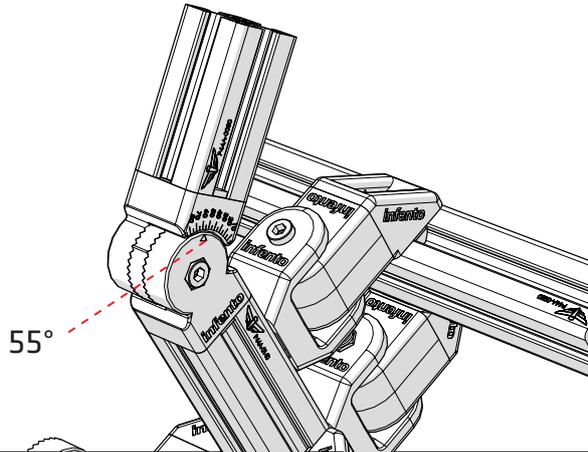
Knurled disc 1 stripe

B

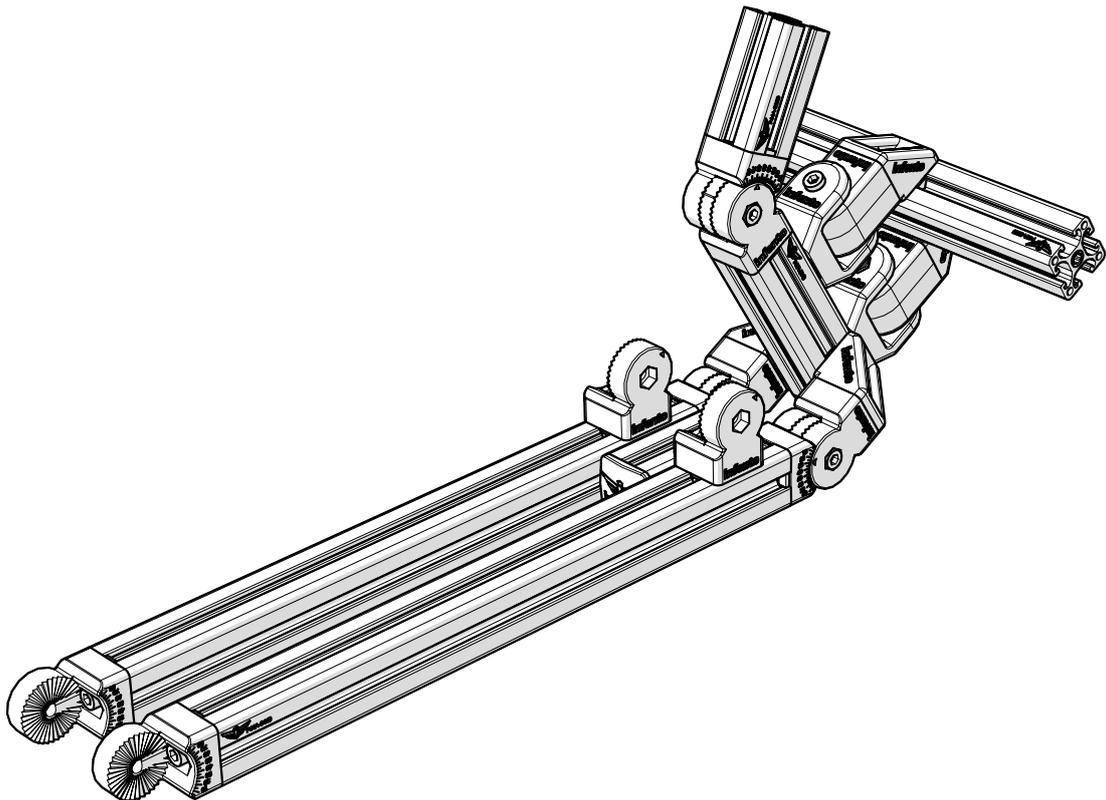


30 (low head)

C



55°





15

ride SWING



Bolt M8x20

2x

+



T-Positioning block

4x

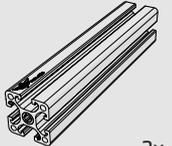
+



Multi angle joint

2x

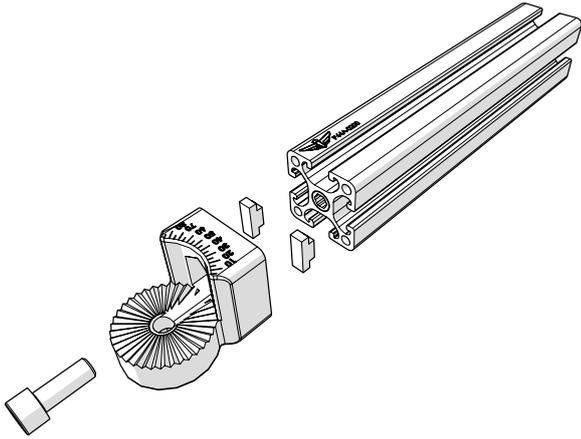
+



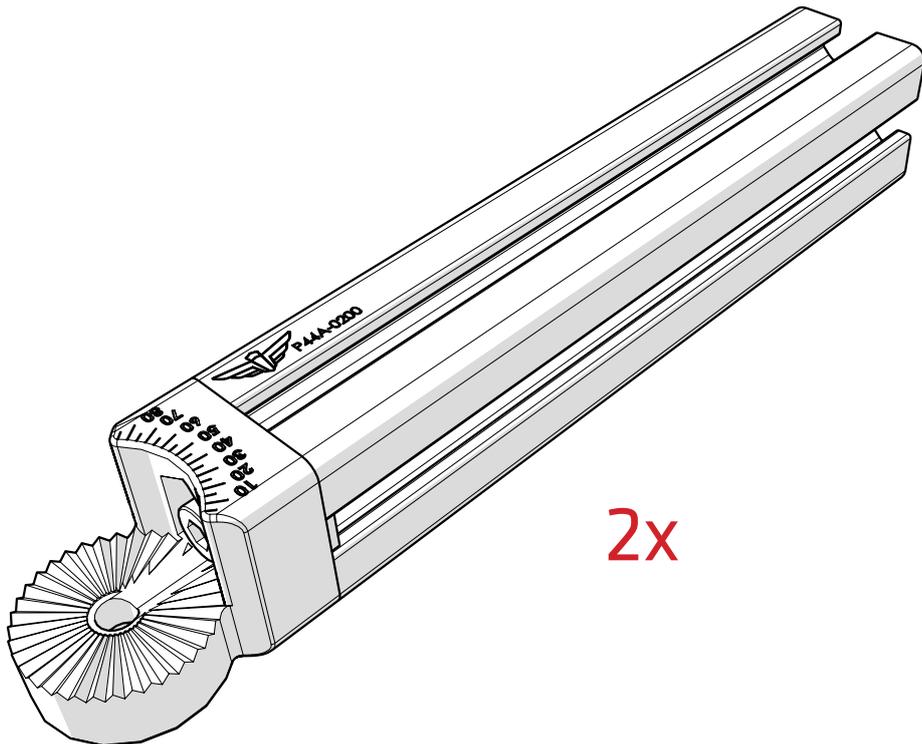
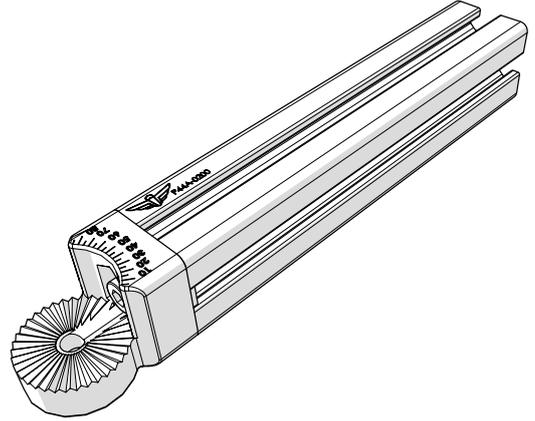
Profile 7.87inch | 200mm

2x

A



B



2x



16

ride *SWING*



2x

Bolt M8x35



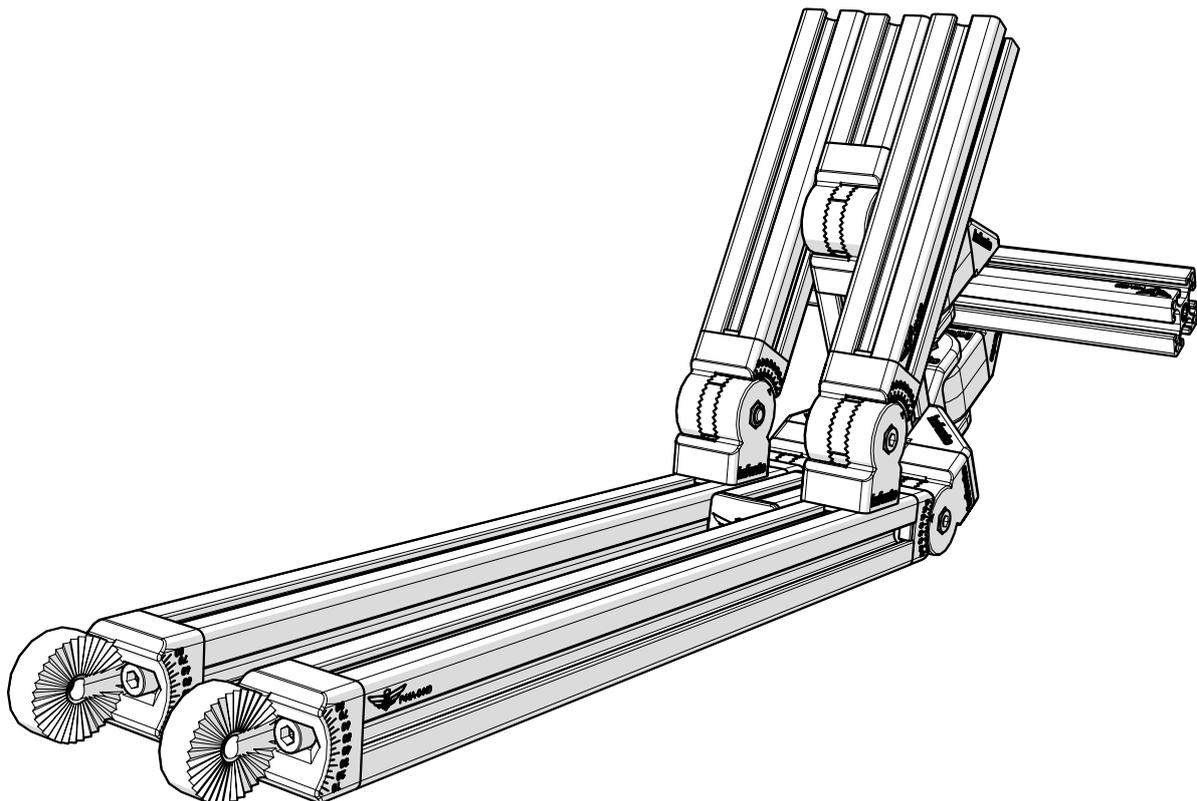
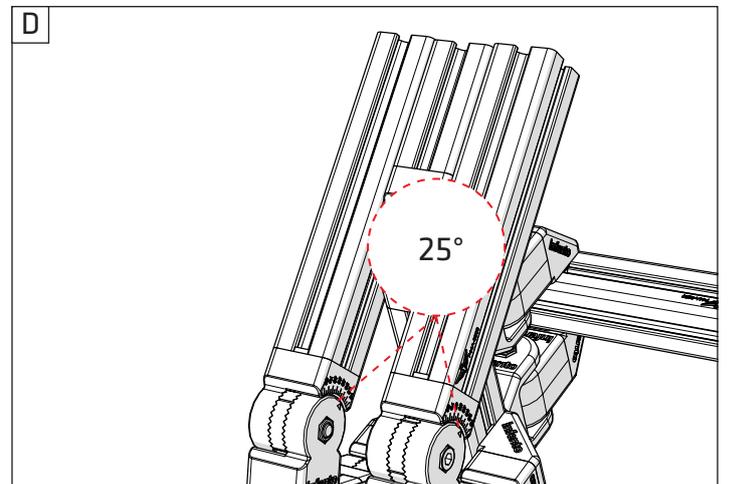
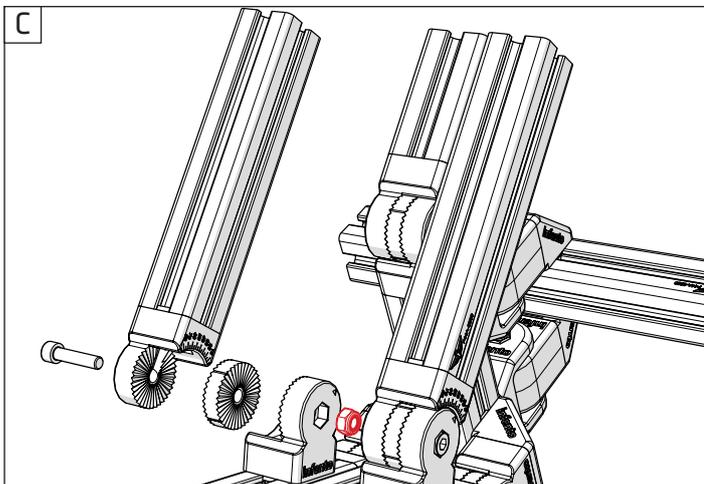
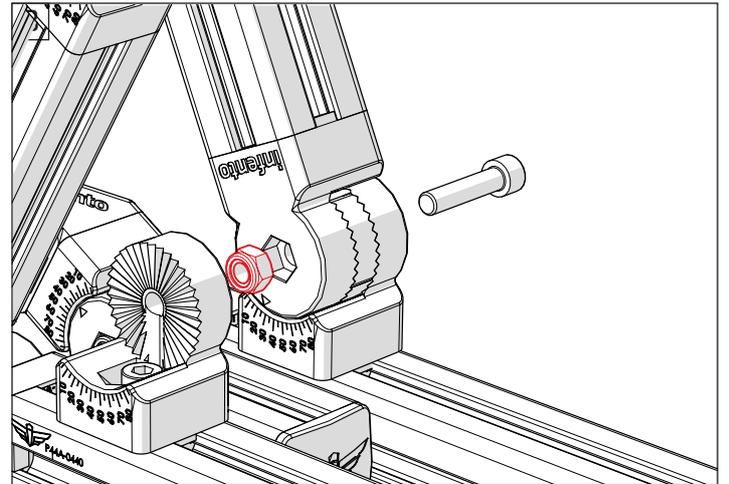
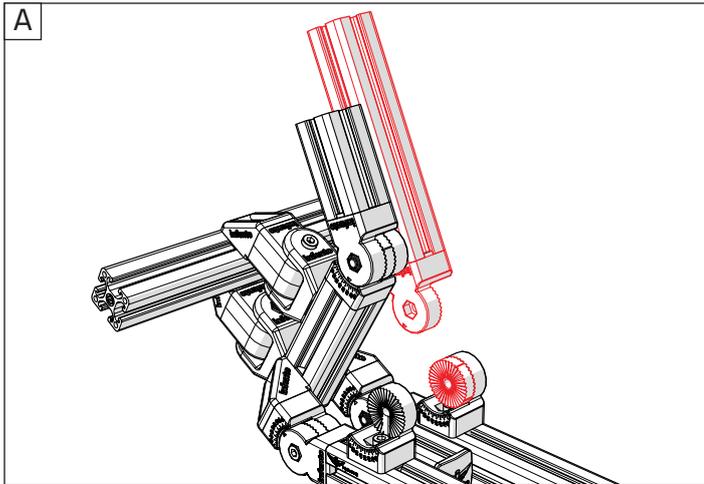
2x

Locknut M8



2x

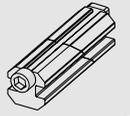
Knurled disc 1 stripe



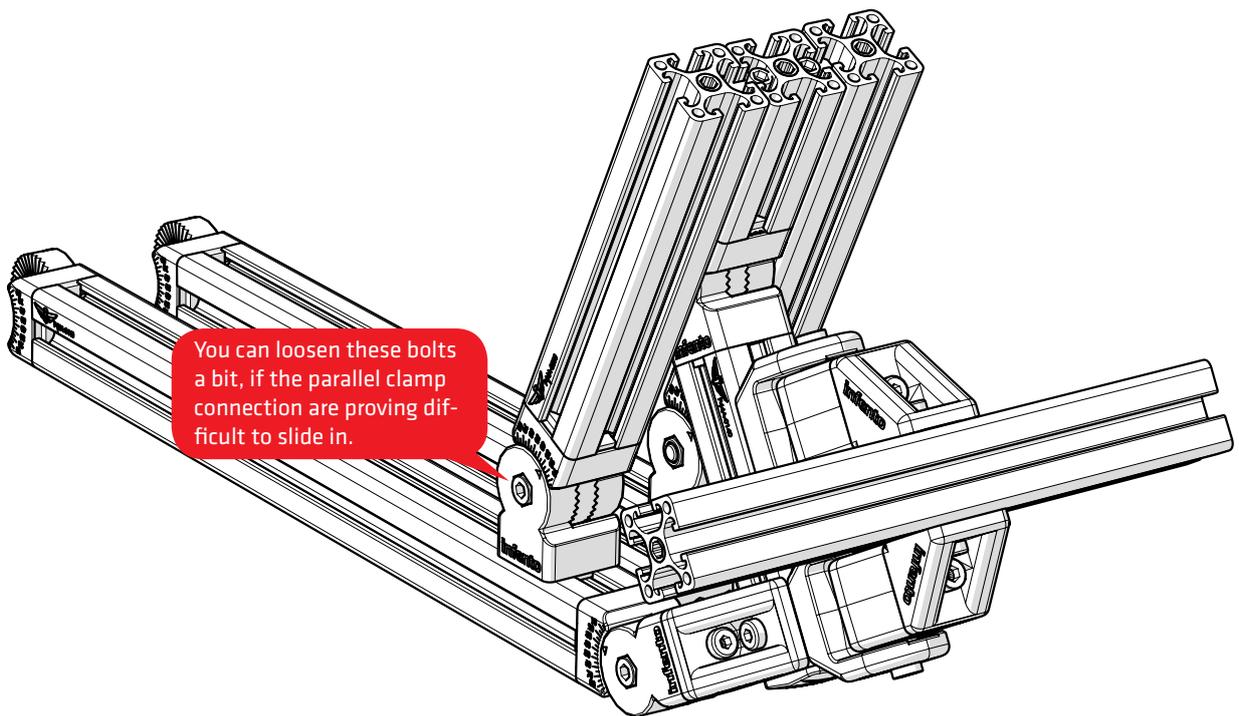
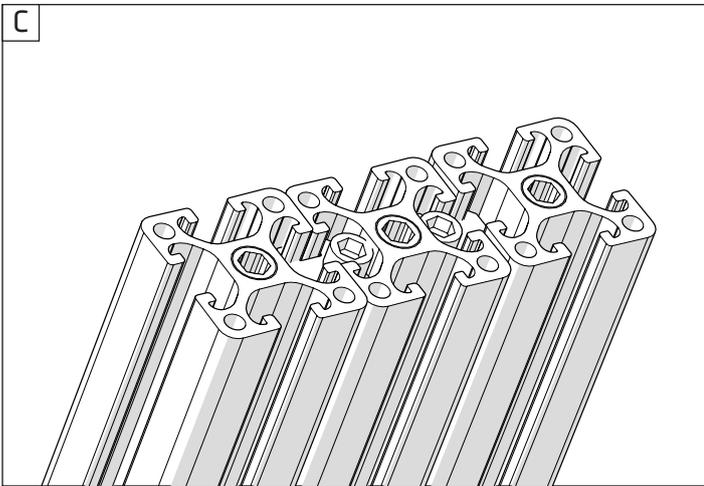
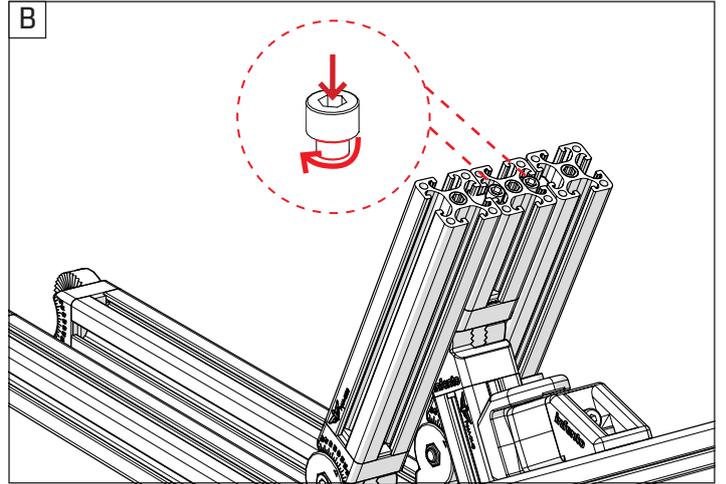
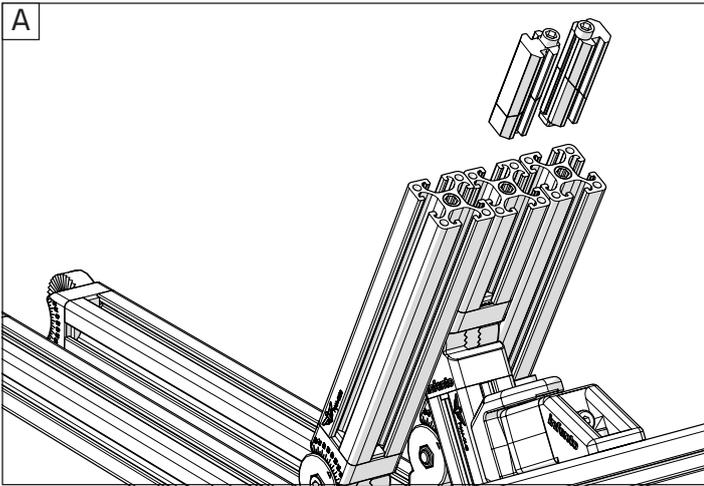


17

ride *SWING*



2x
Parallel clamp joint

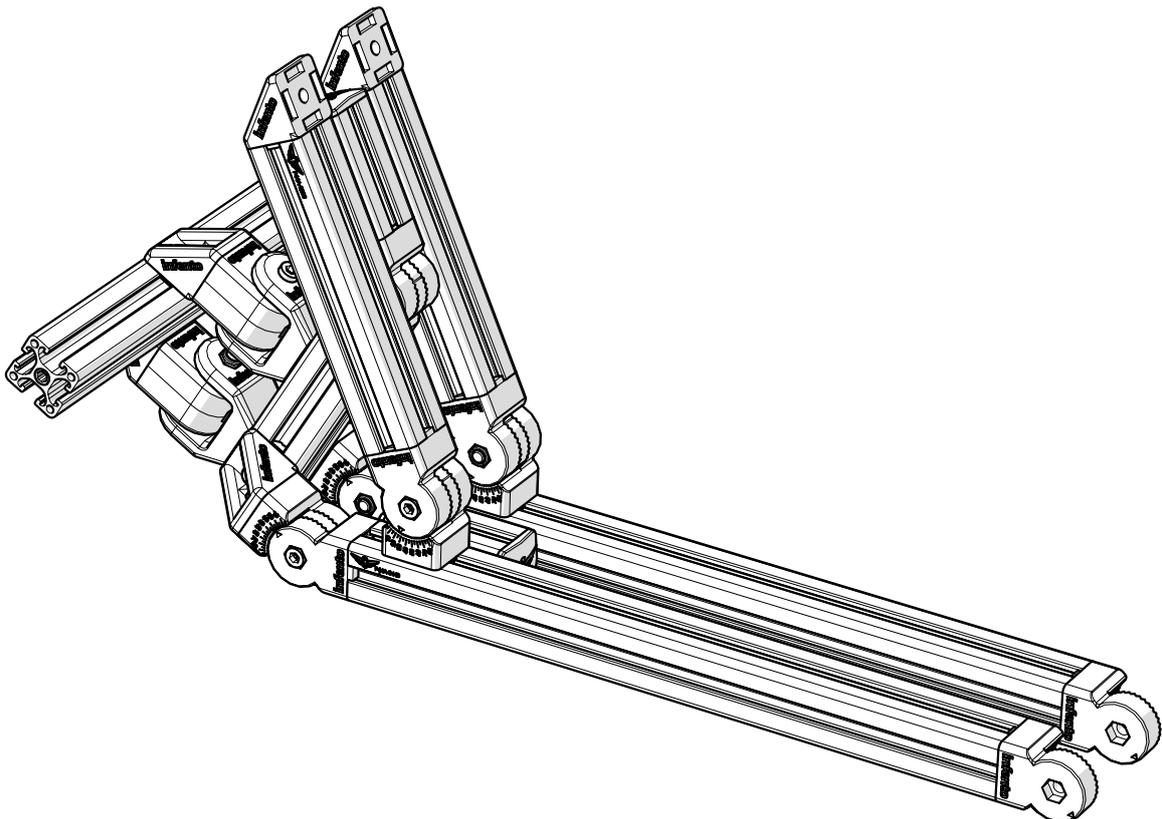
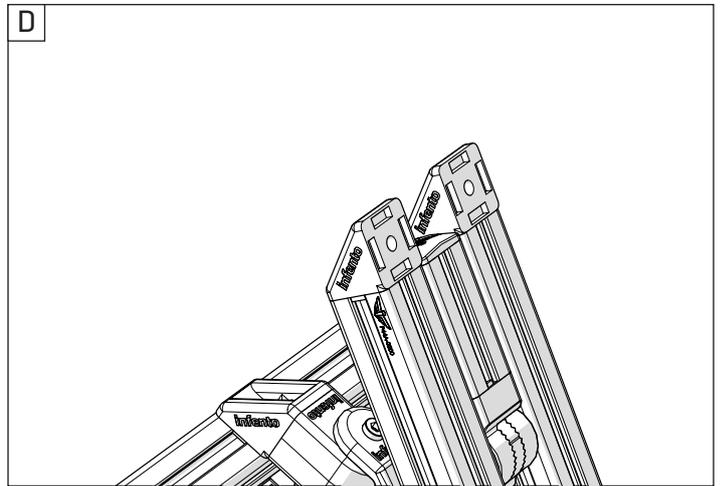
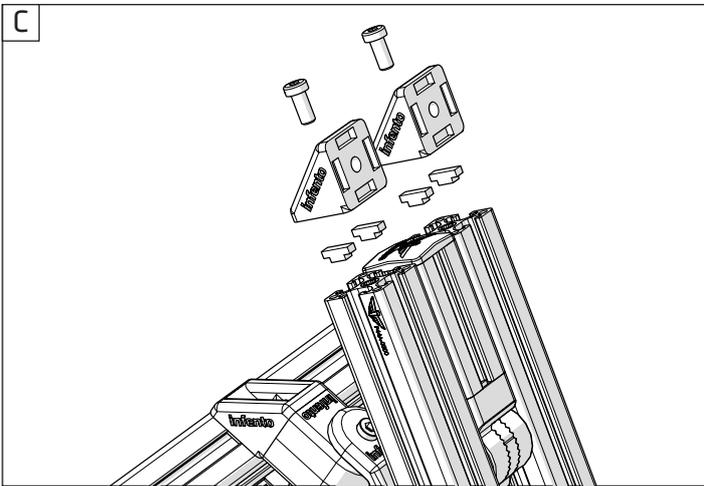
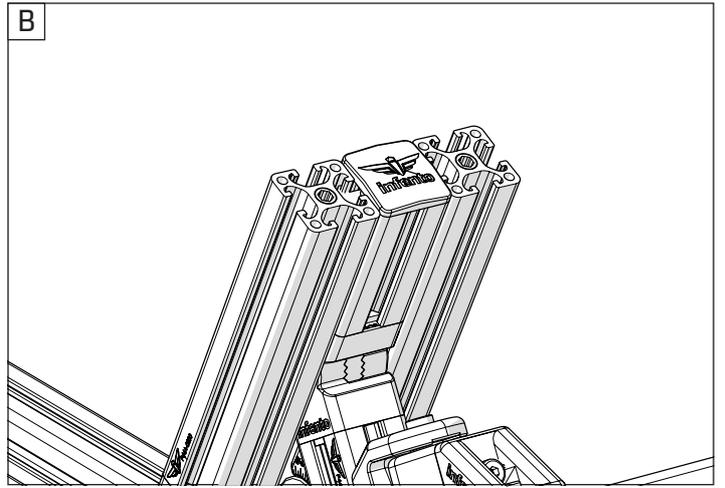
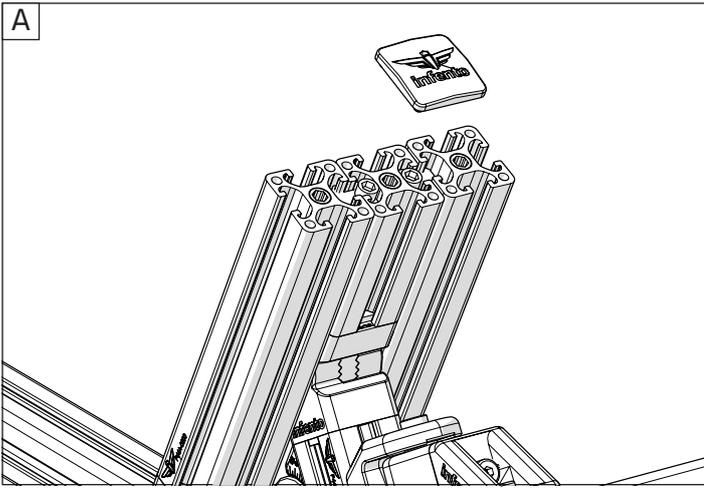




18

ride SWING

- Bolt M8x20 (low head) 2x
- T-Positioning block 4x
- L-joint 2x
- Protect cap 1x





19

ride *SWING*

Bolt M8x20
(low head) 1x

+

T-Positioning block 2x

+

L-joint 1x

+

Bolt M8x25
(low head) 1x

+

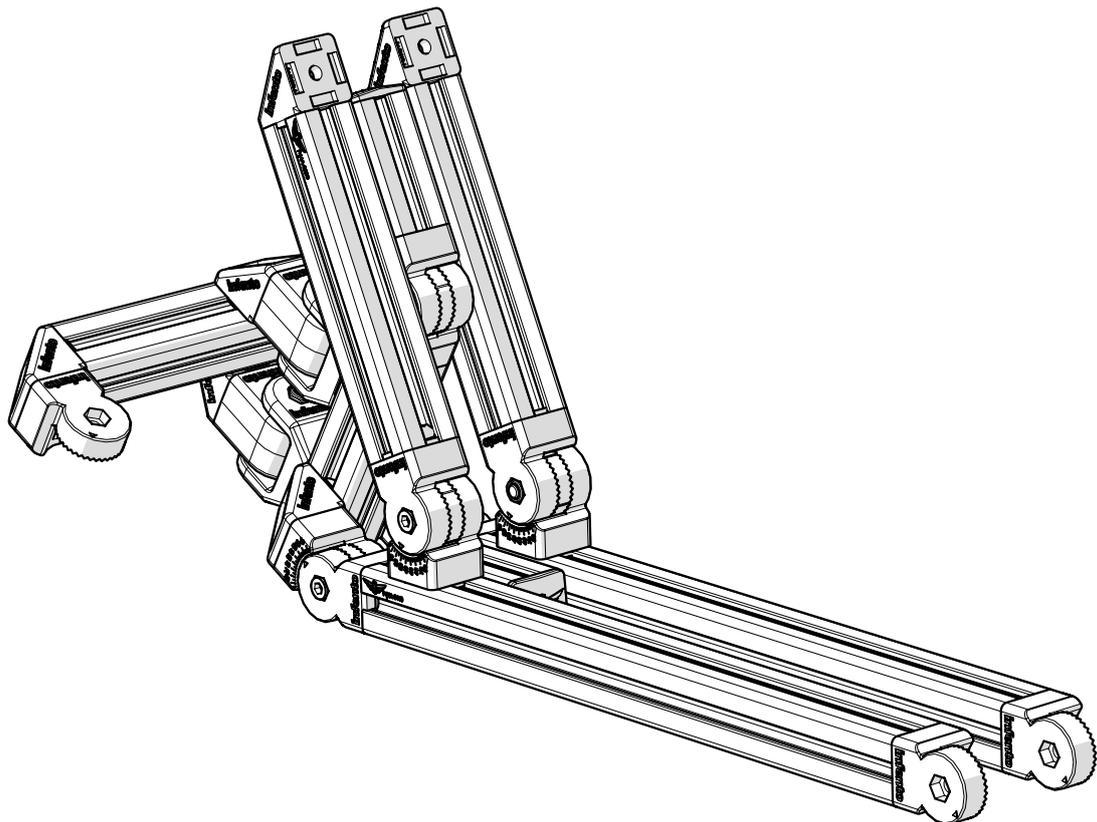
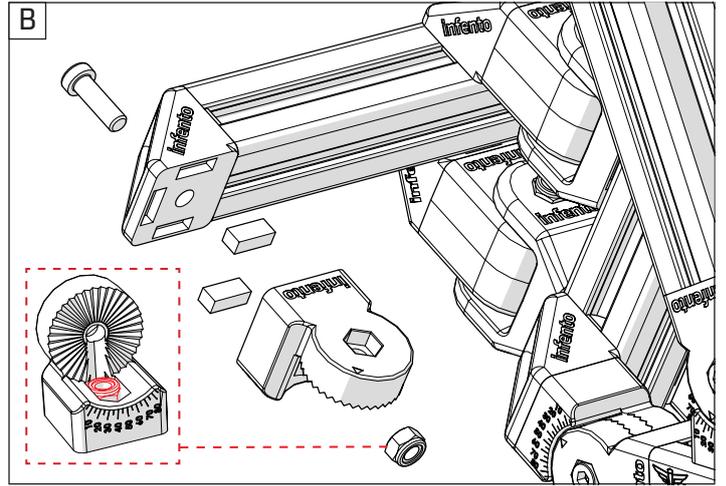
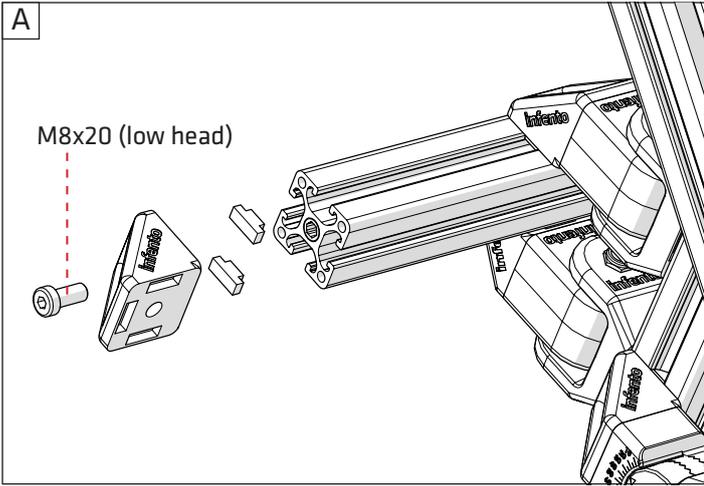
Positioning block 2x

+

Multi angle joint 1x



Locknut M8 1x





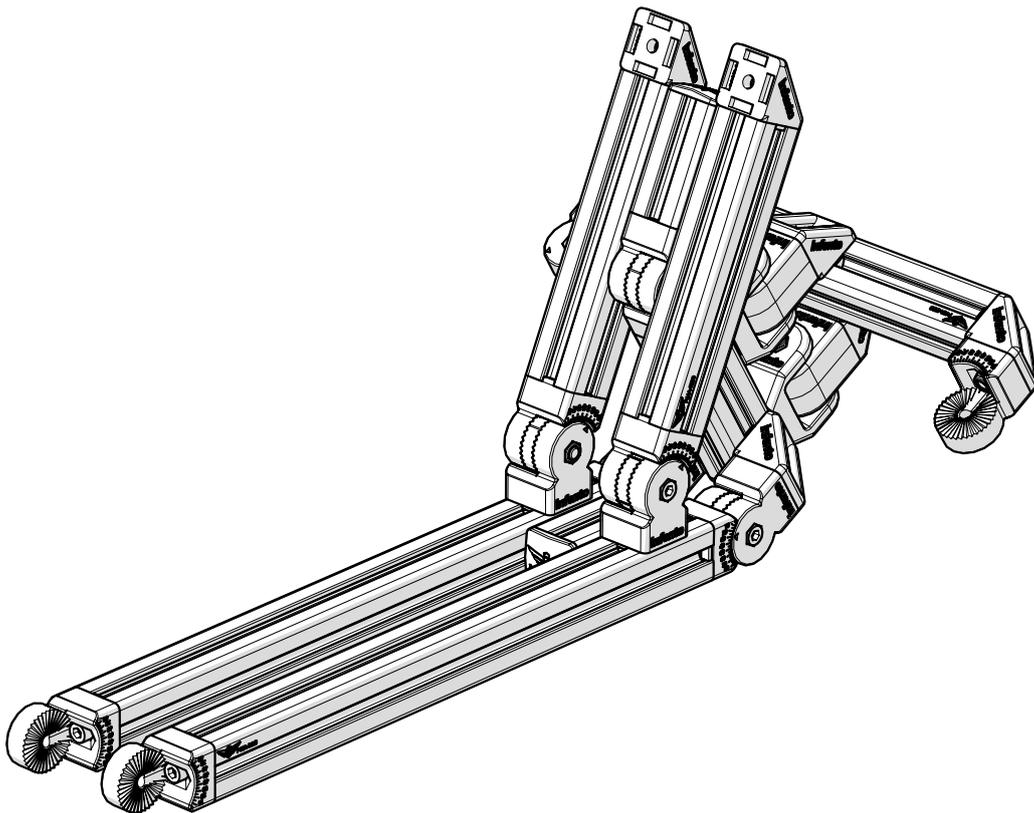
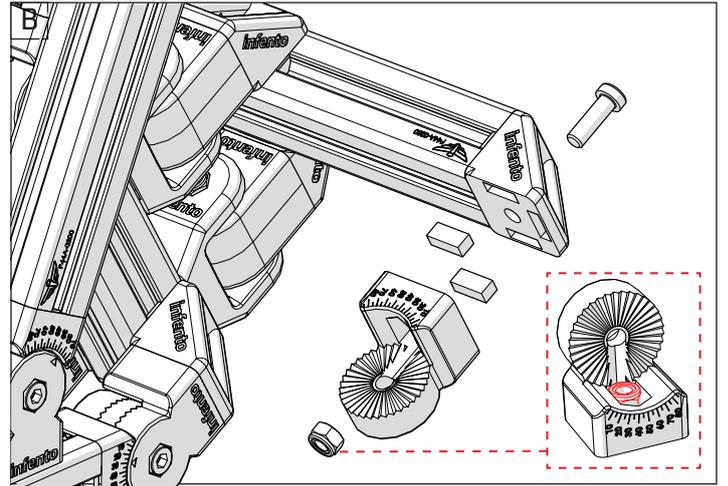
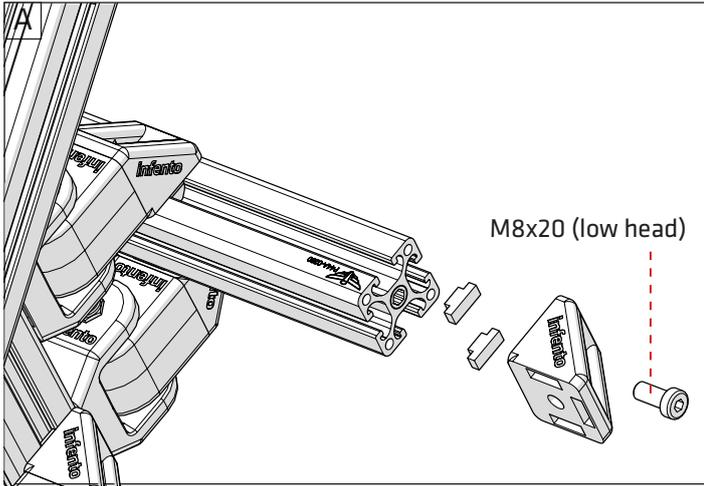
20

ride SWING

- Bolt M8x20 (low head) 1x
- T-Positioning block 2x
- L-joint 1x
- Bolt M8x25 (low head) 1x
- Positioning block 2x
- Multi angle joint 1x



Locknut M8 1x

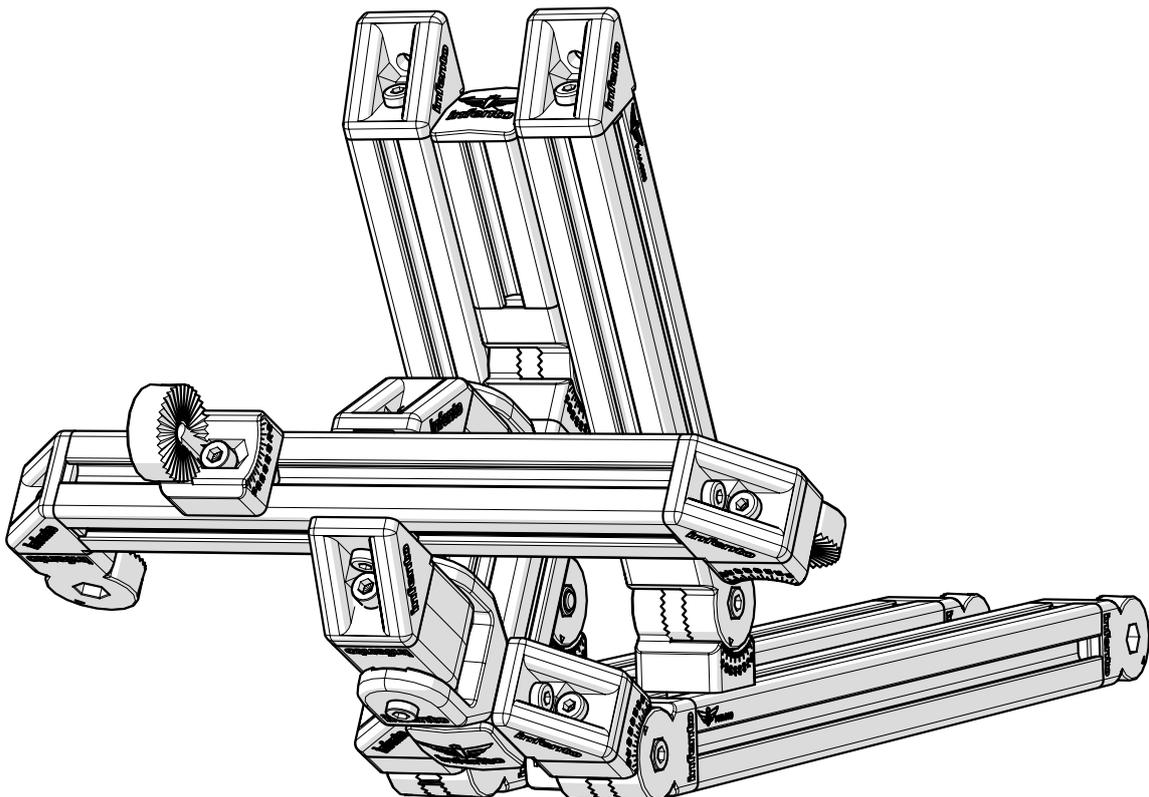
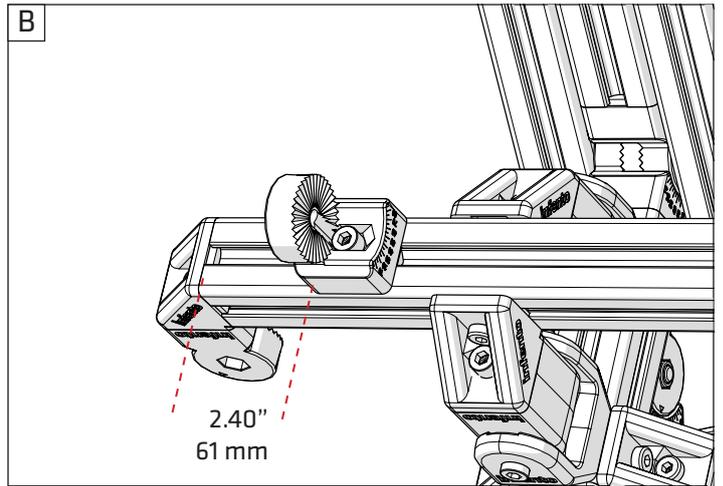
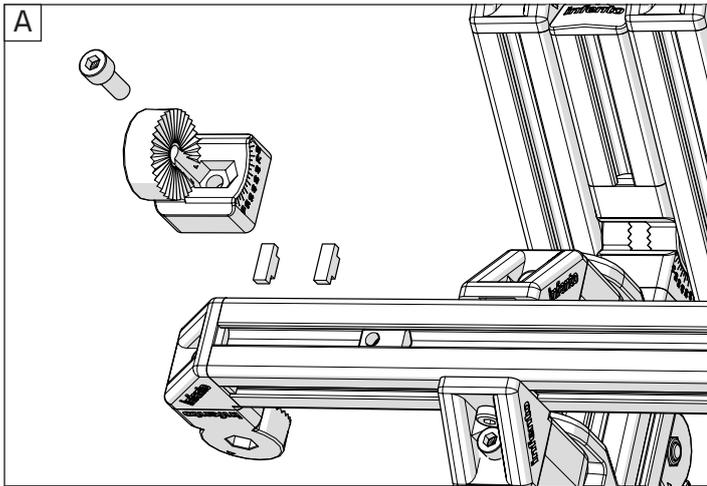




21

ride SWING

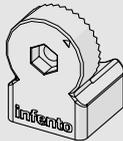
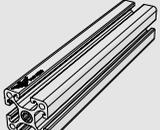
- 
Bolt M8x20 1x
- 
T-Positioning block 2x
- 
Profile nut short 1x
- 
Multi angle joint 1x



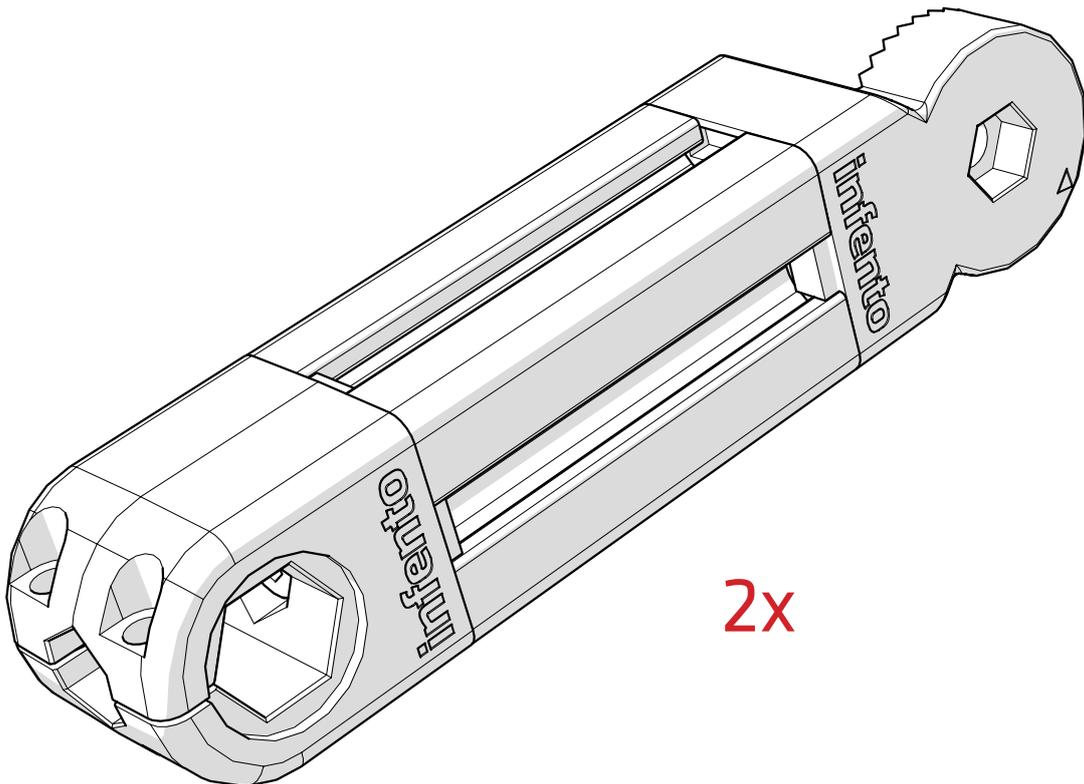
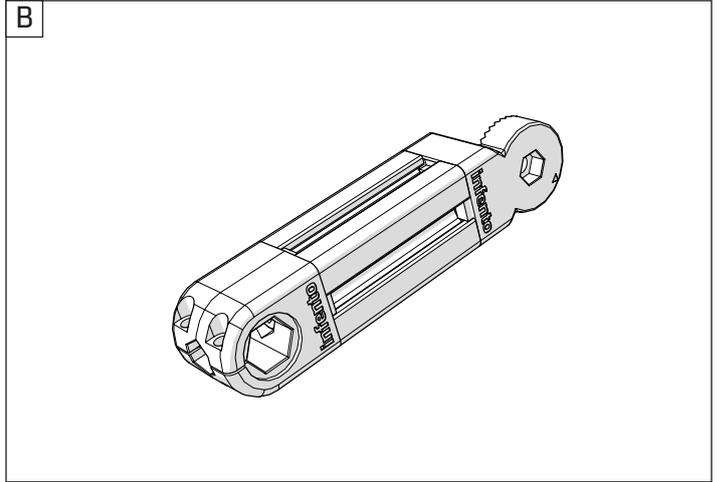
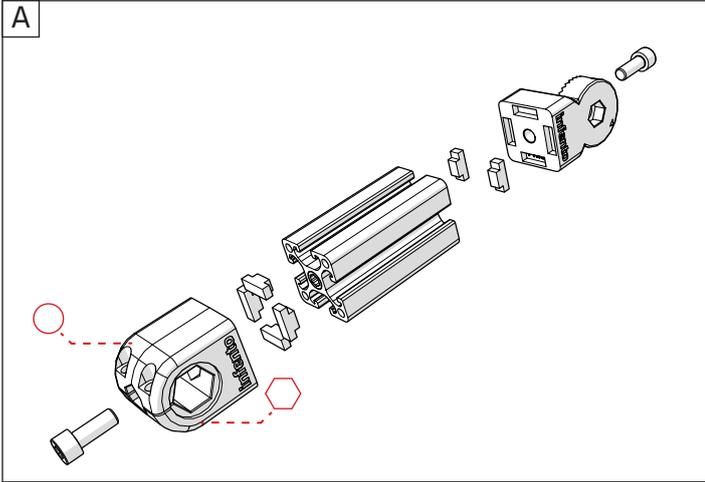
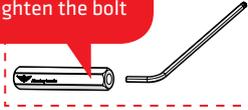


22

ride SWING

-  4x Bolt M8x20
-  12x T-Positioning block
-  2x Multi angle joint
-  2x Axle clamp
-  2x Profile 4.72inch | 120mm

Use the Allen key handle so you can tighten the bolt well.





23

ride SWING



1x

Bolt M8x35

+



1x

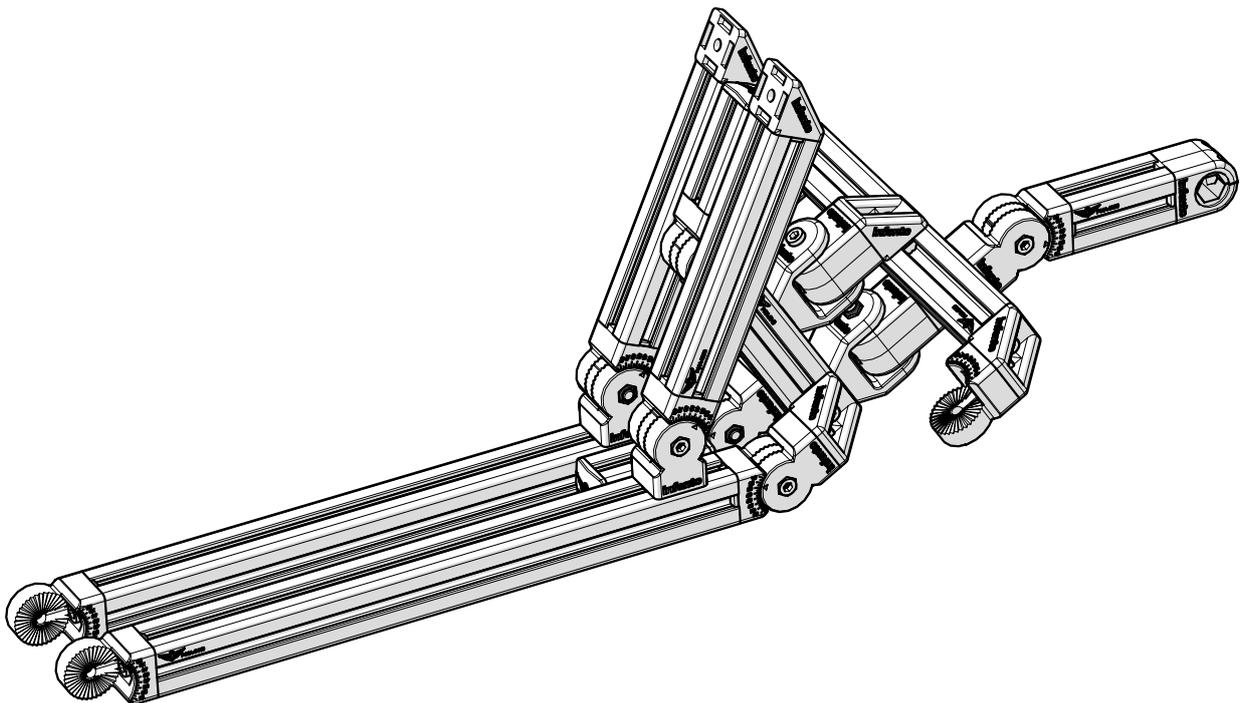
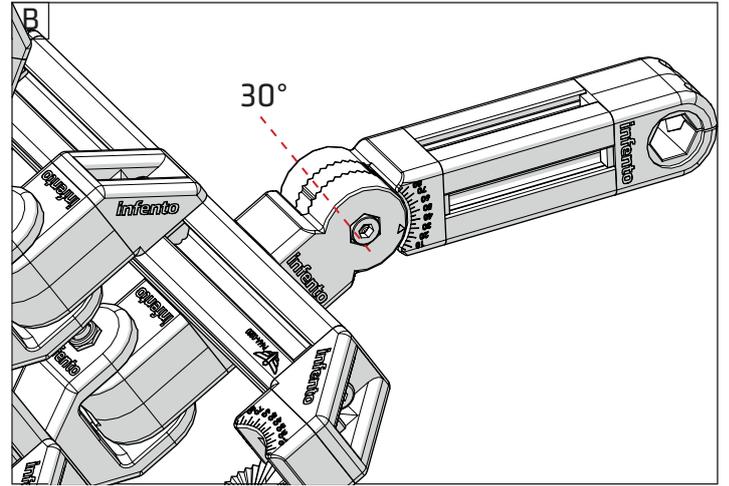
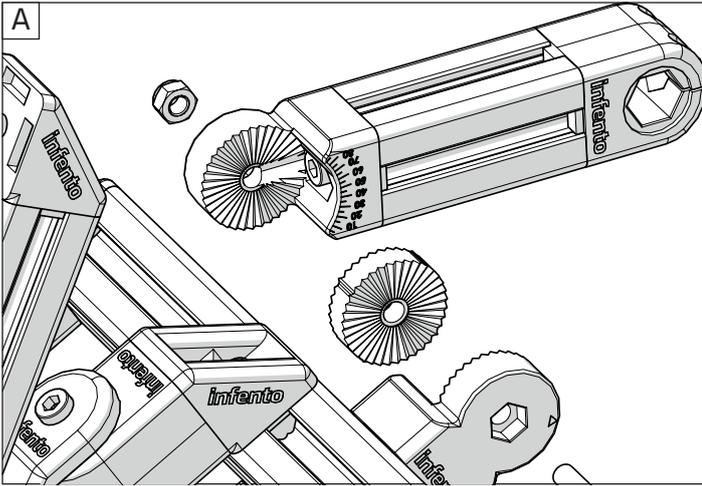
Locknut M8

+



1x

Knurled disc 2 stripes

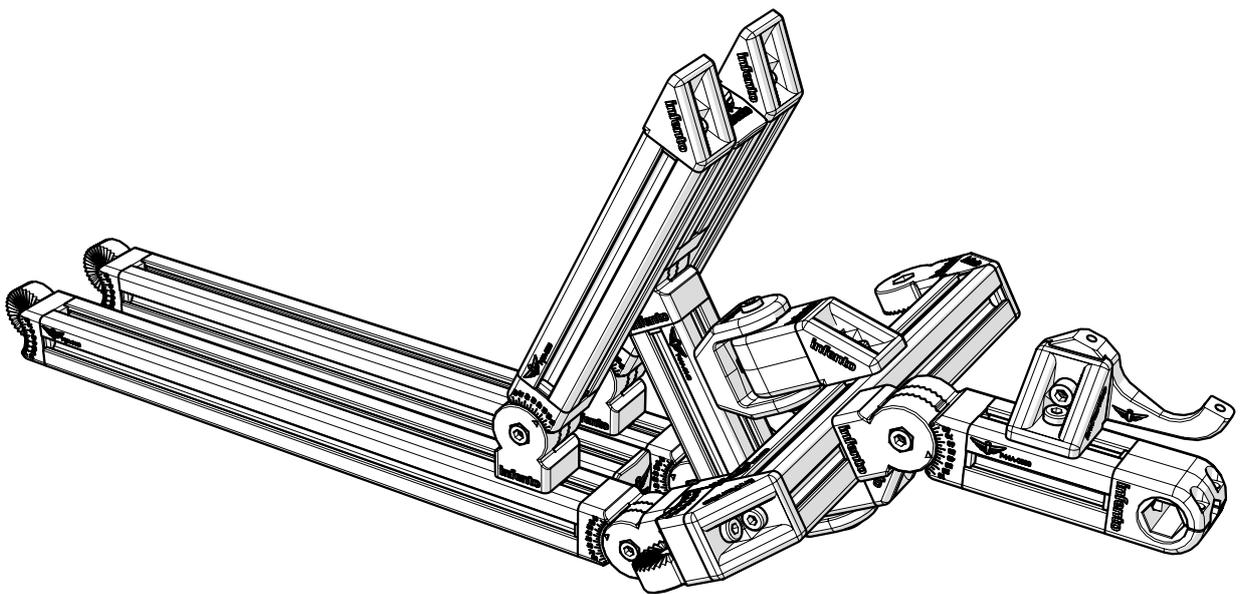
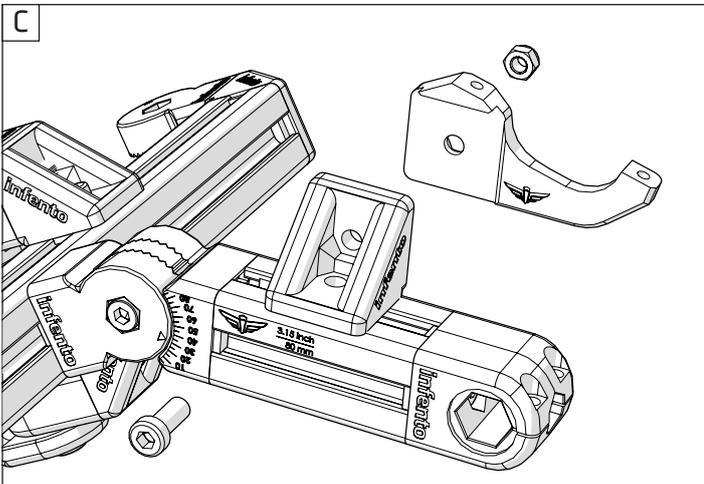
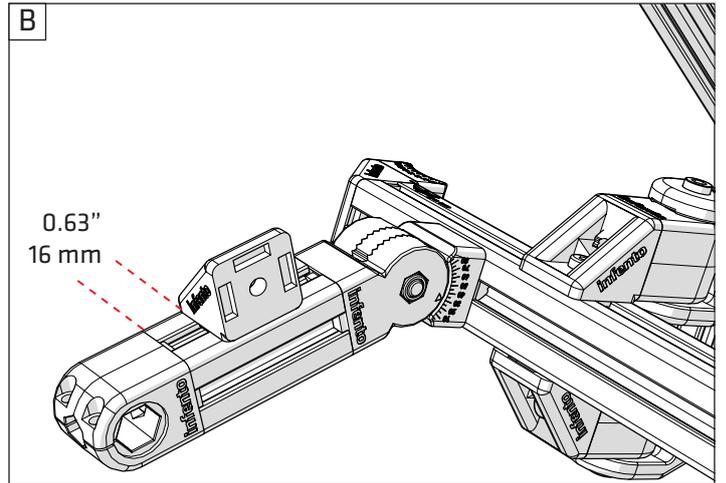
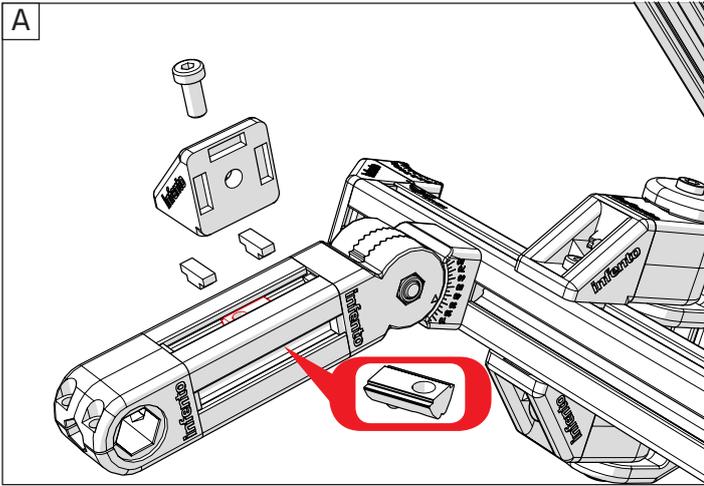




24

ride SWING

- T-Positioning block 2x
- Profile nut short 1x
- L-joint 1x
- Bolt M8x20 (low head) 2x
- Locknut M8 1x
- Brake caliper holder 1x

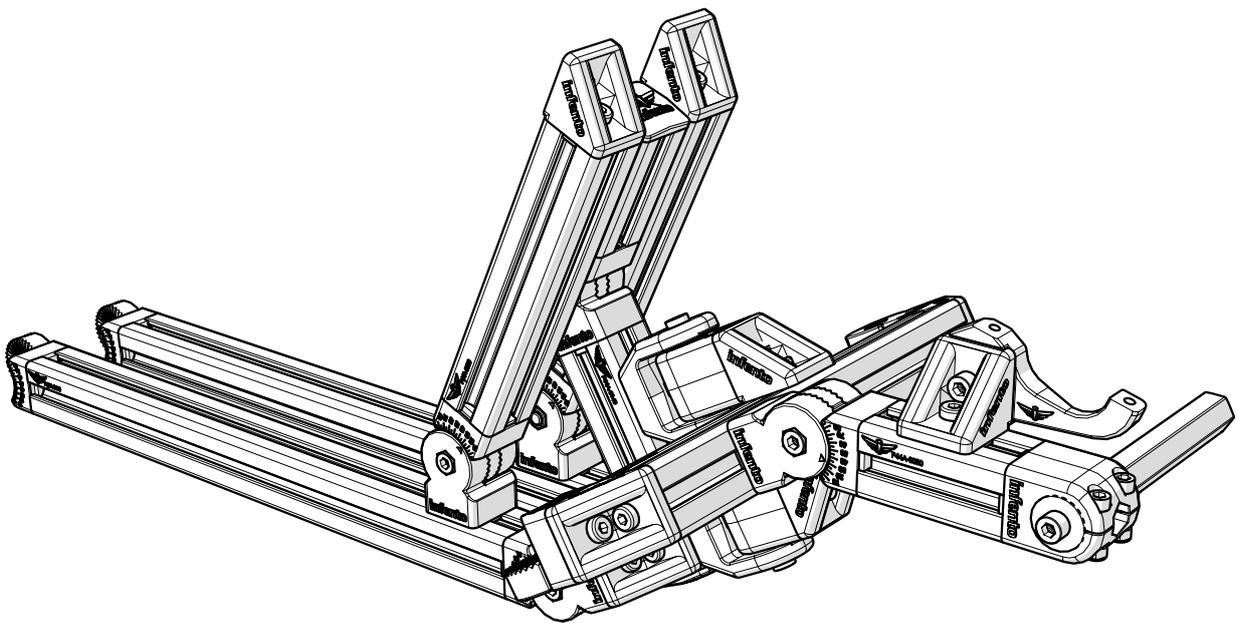
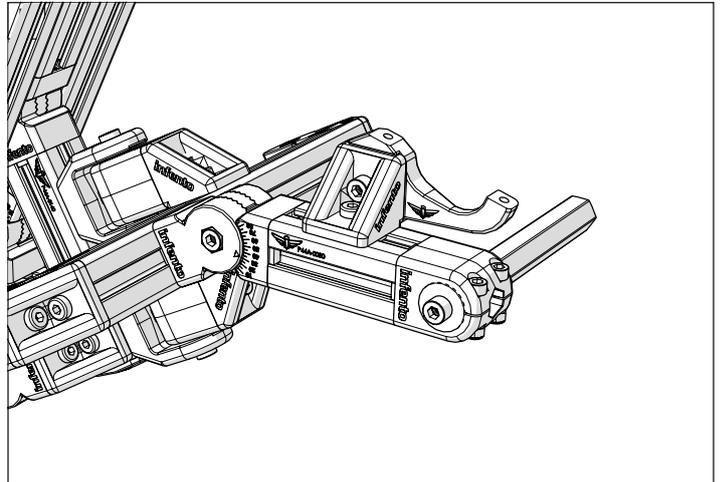
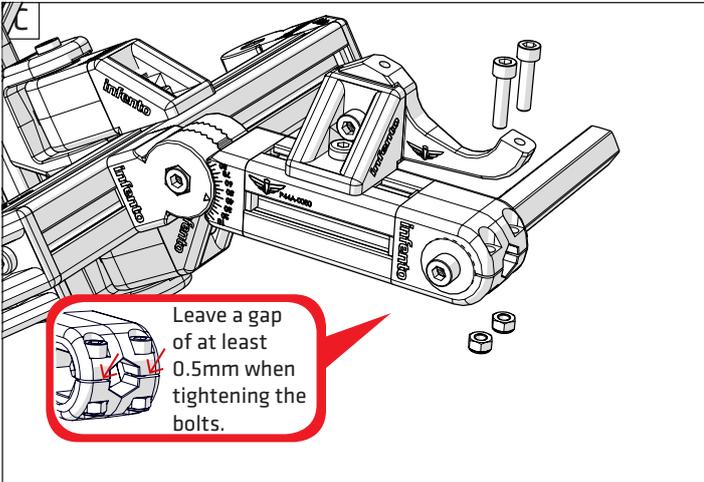
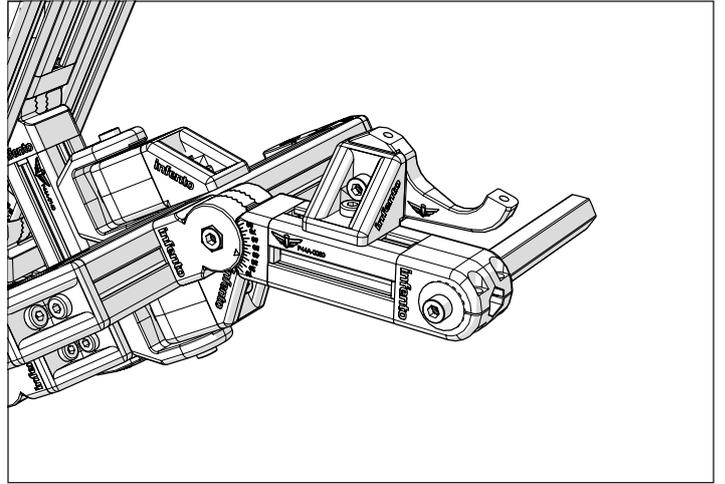
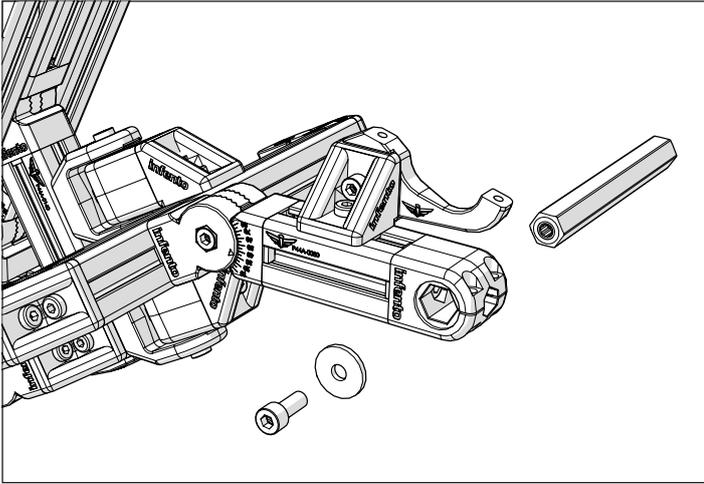




25

ride *SWING*

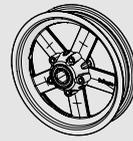
- 
Bolt M6x25 2x
- 
Bolt M8x20 1x
- 
Locknut M6 2x
- 
Washer M8-24 1x
- 
Axle 6.06inch | 154mm 1x



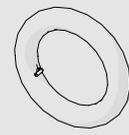


26

ride SWING



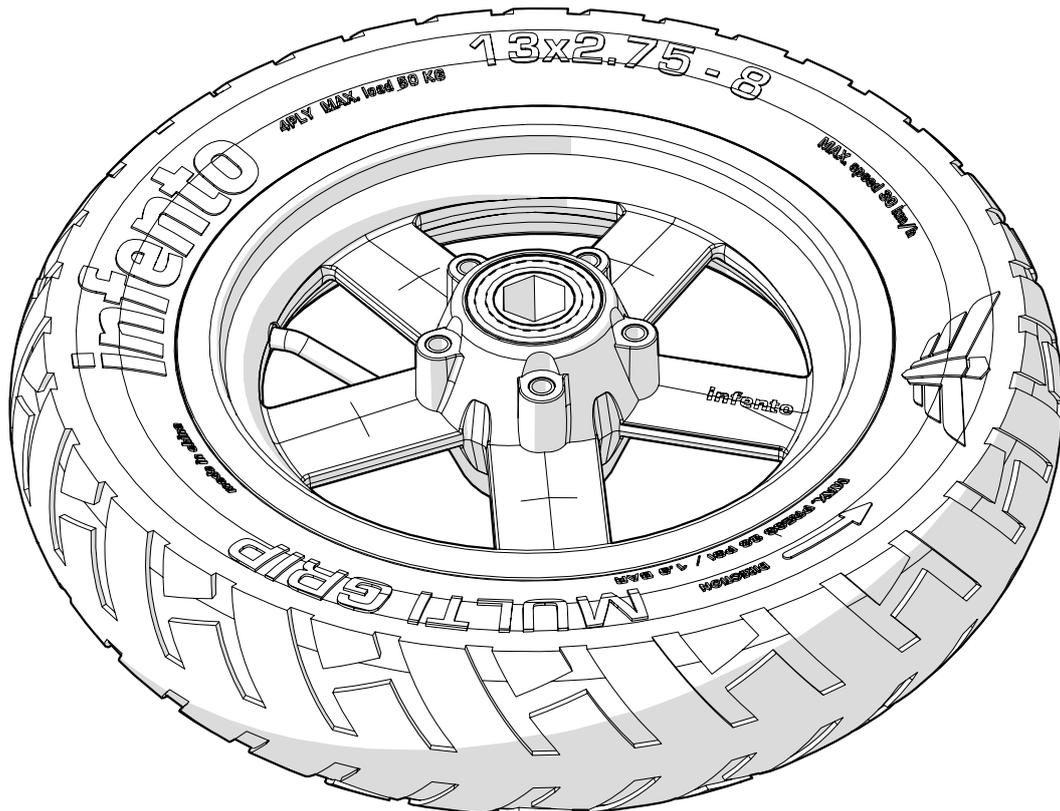
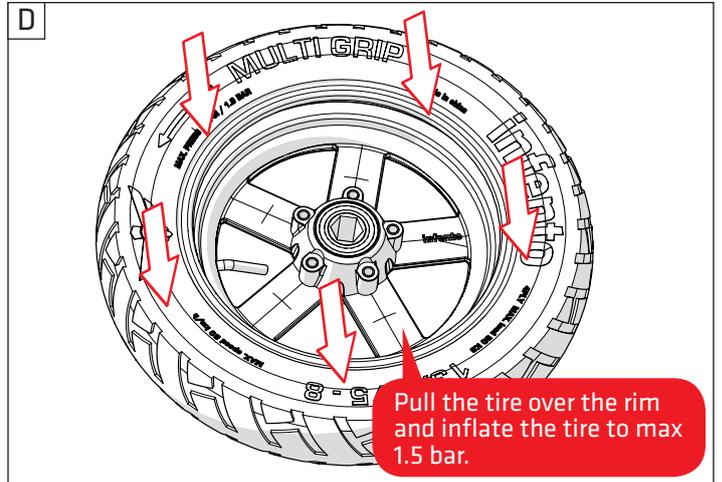
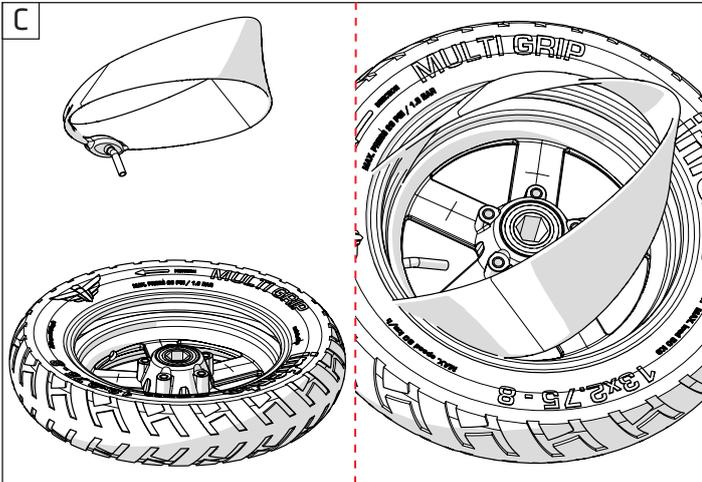
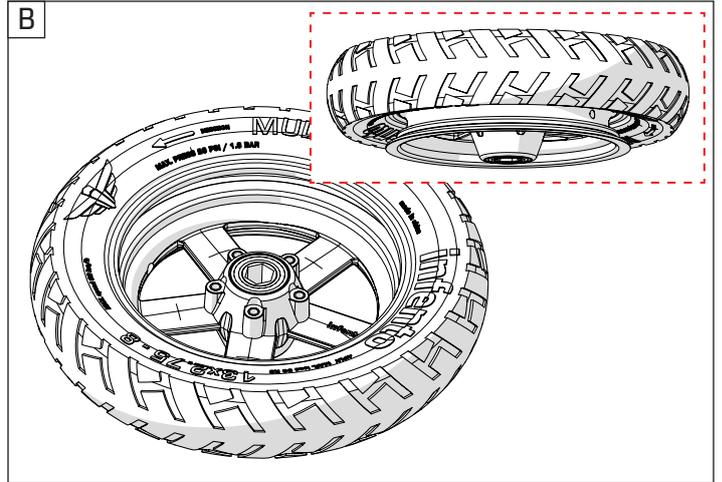
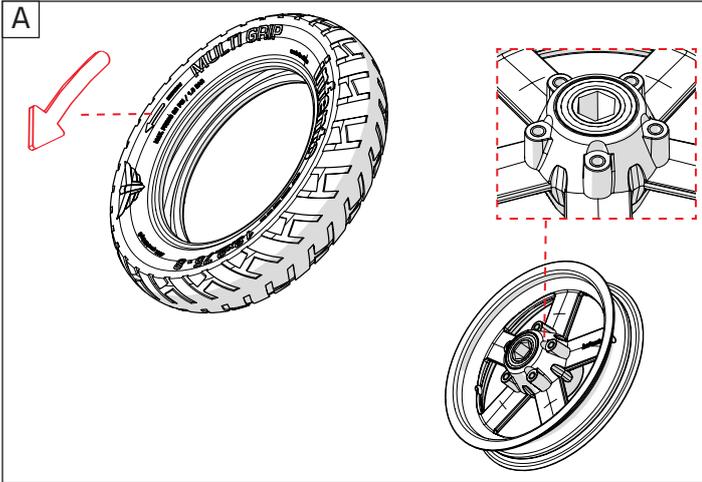
8 inch
Free spinning rim 1x



Inner tube 1x
13x2.75-8



Tire 1x
13x2.75-8

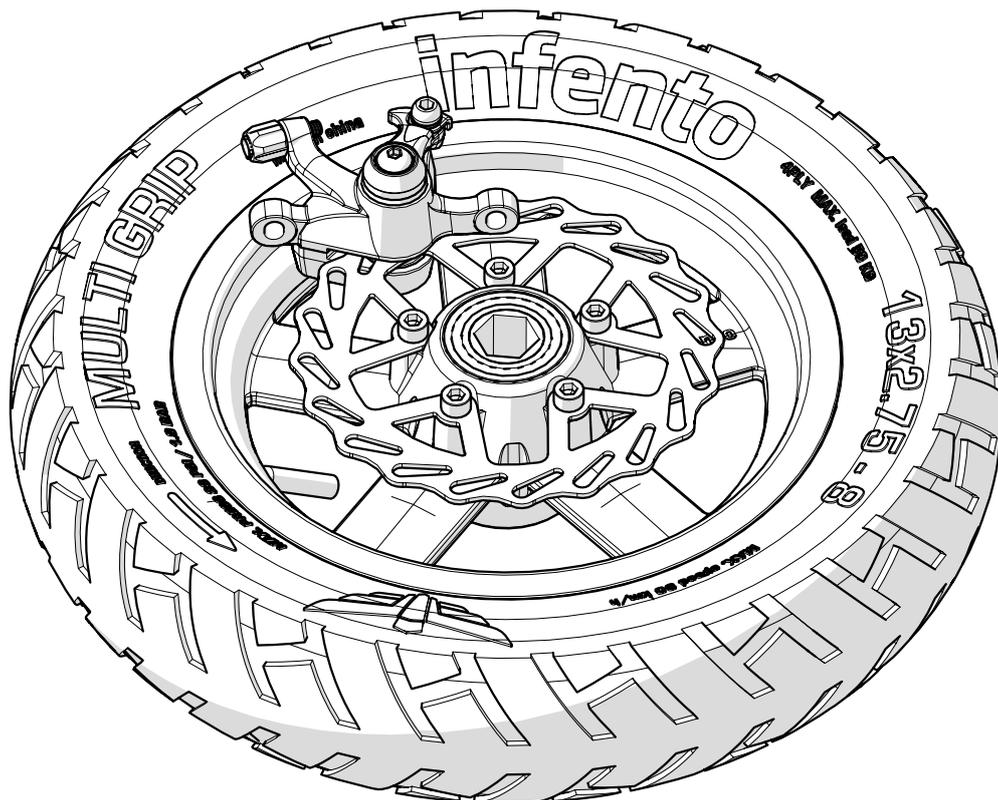
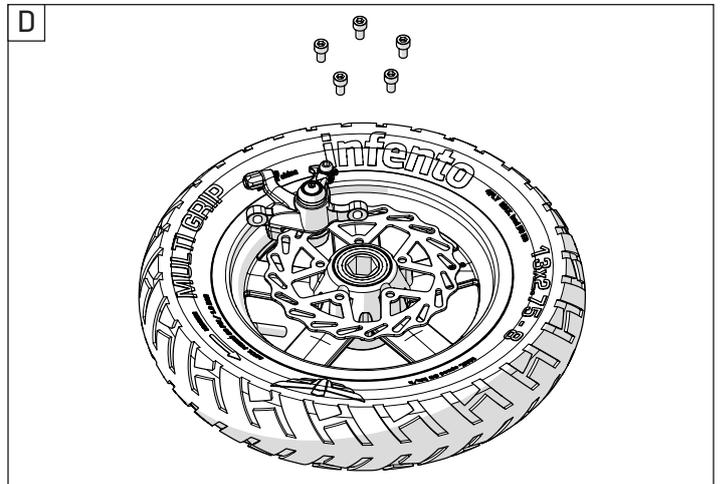
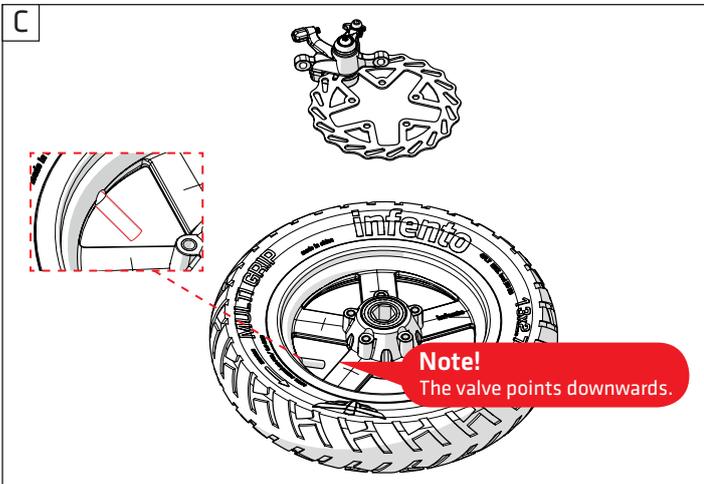
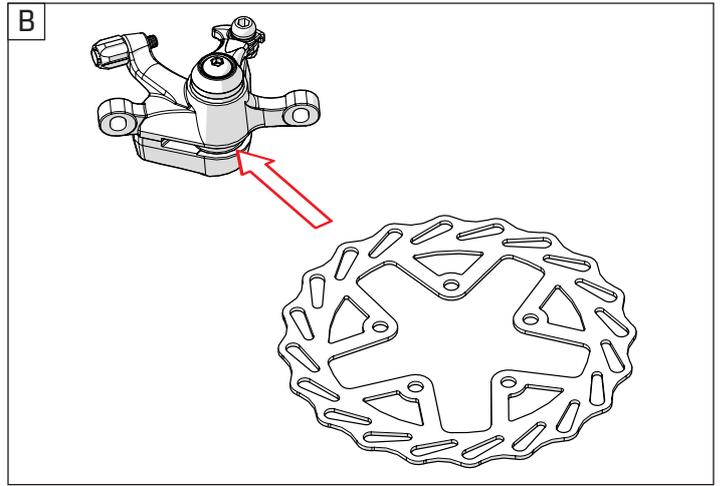
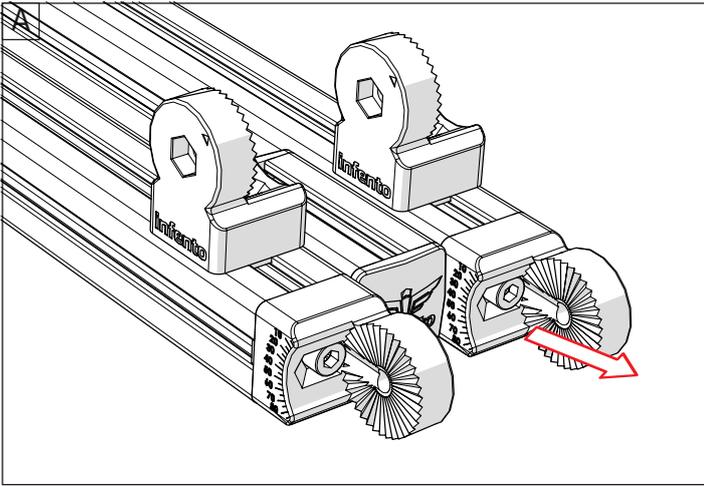




27

ride SWING

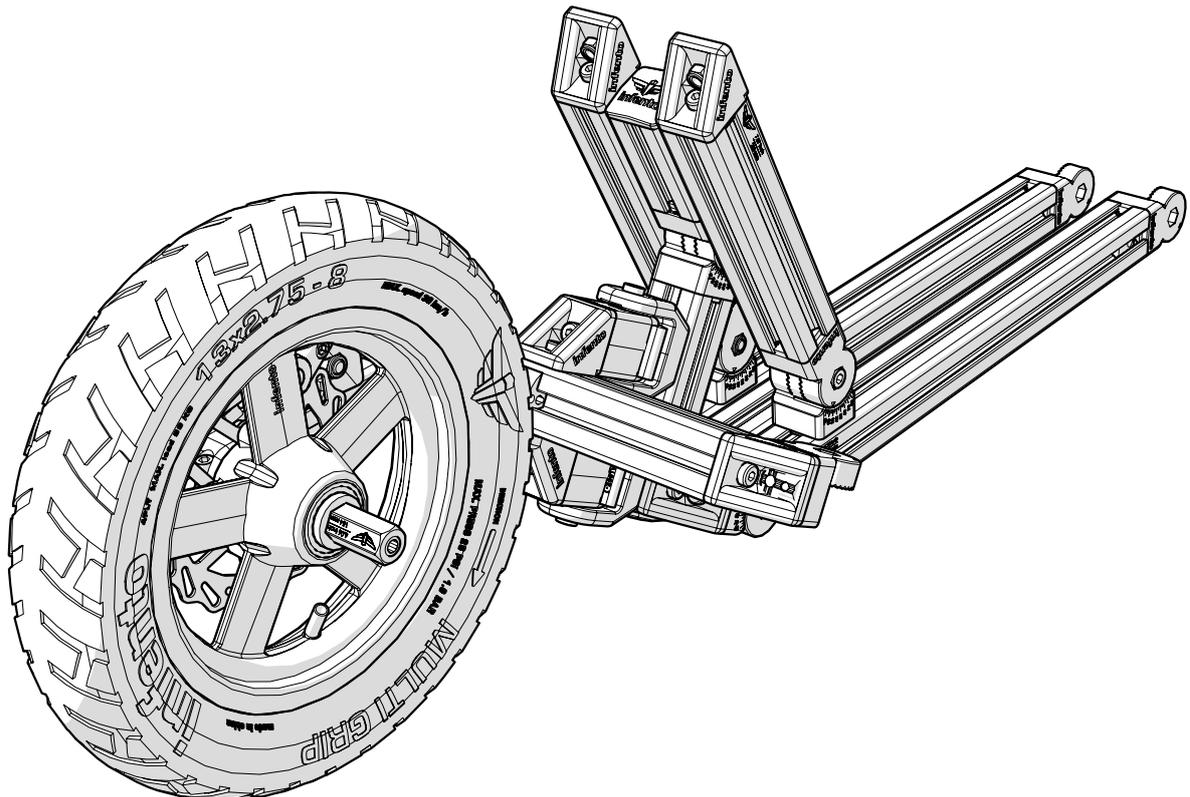
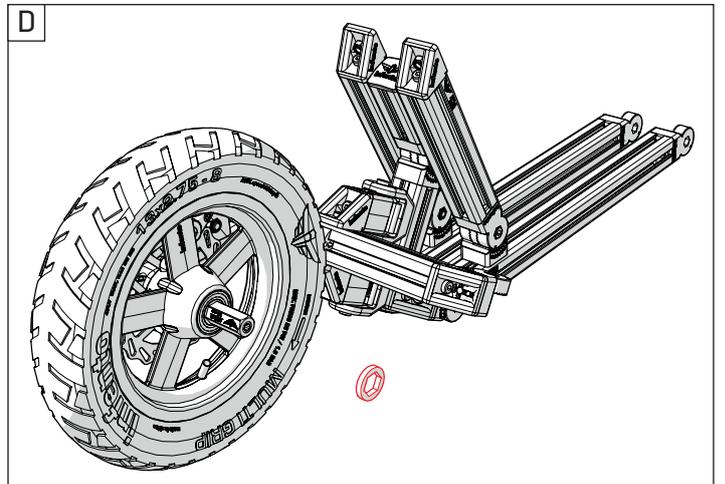
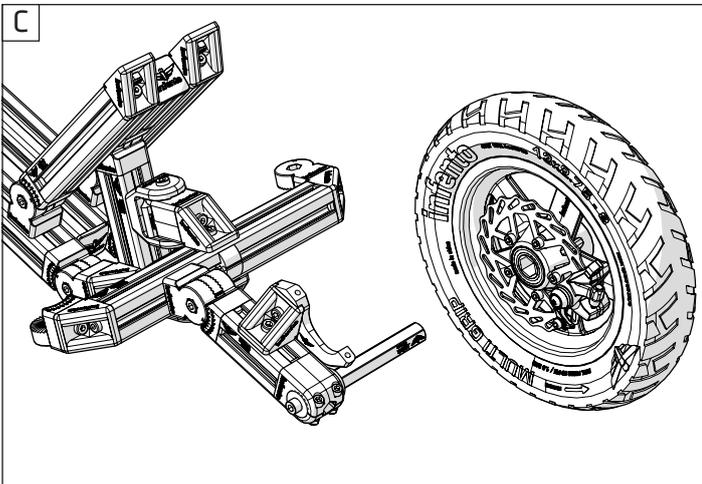
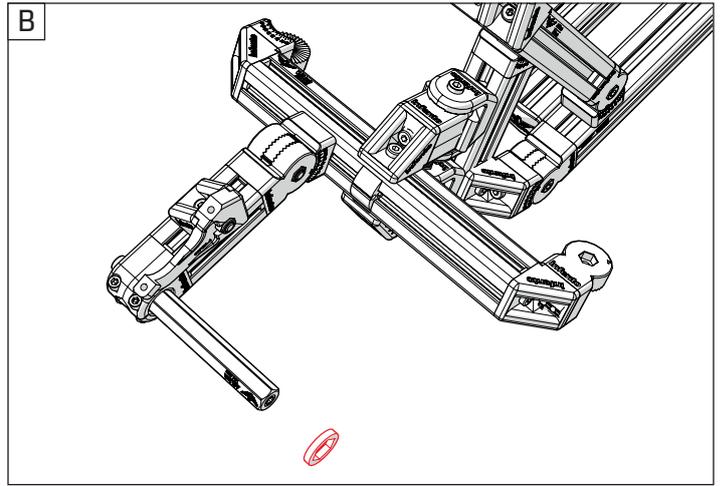
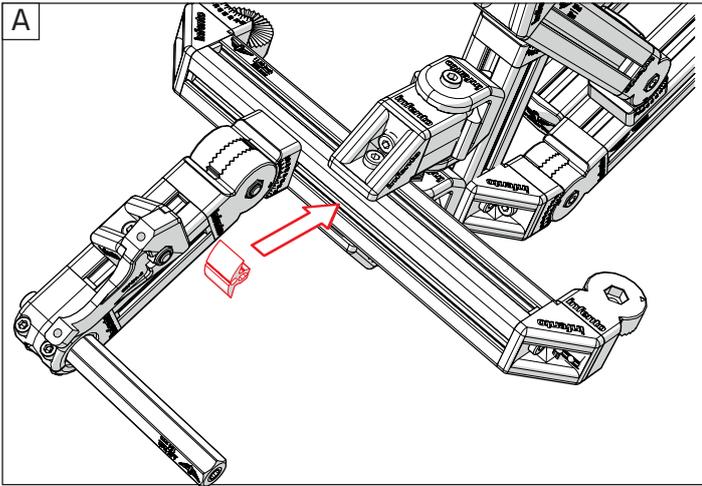
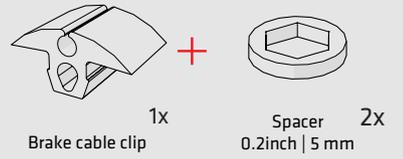
- Bolt M6x12 5x
- Brake caliper 1x
- Brake disc 1x





28

ride SWING

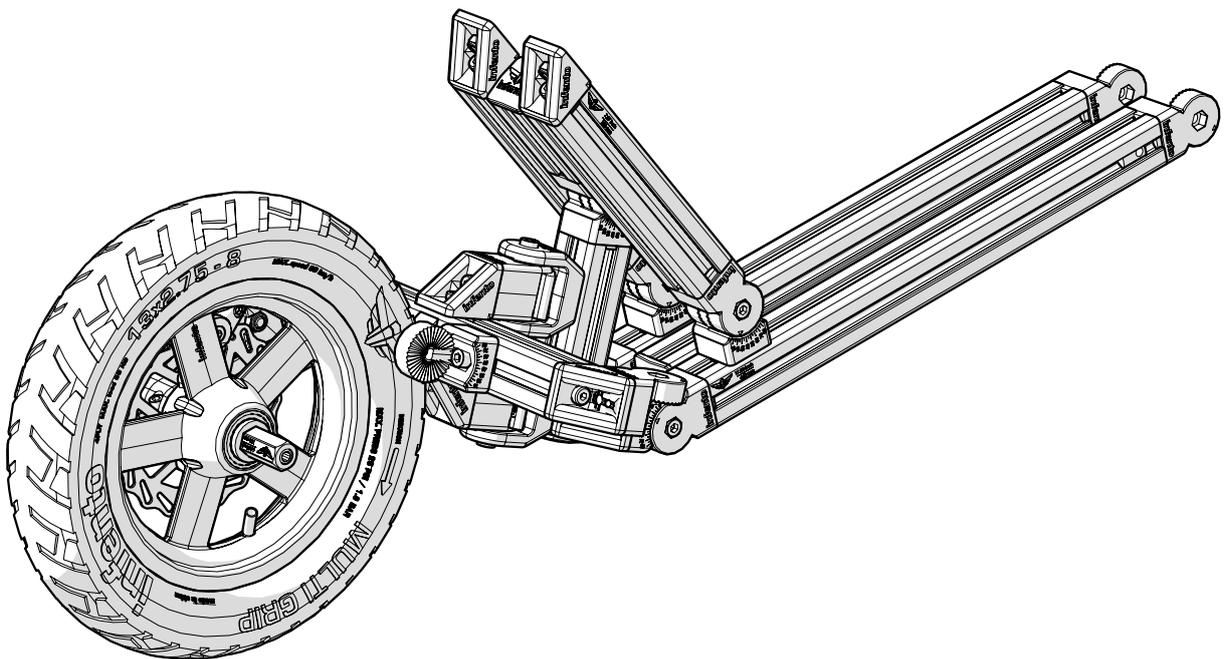
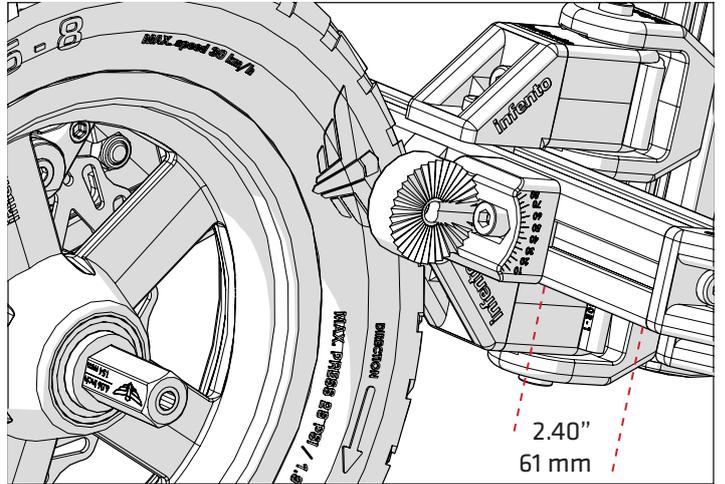
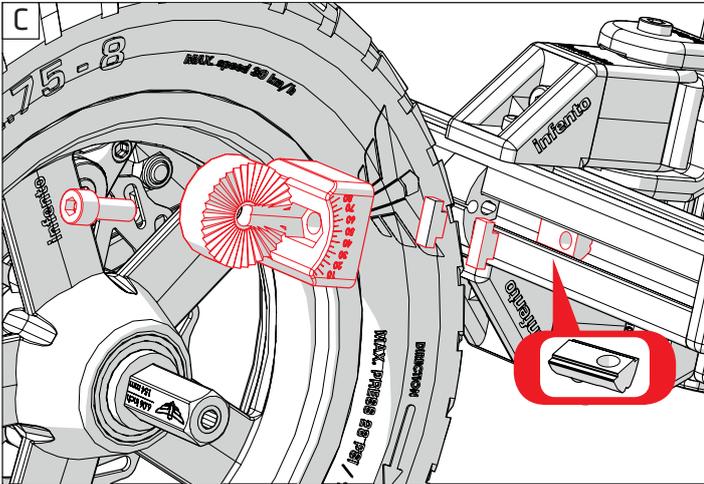
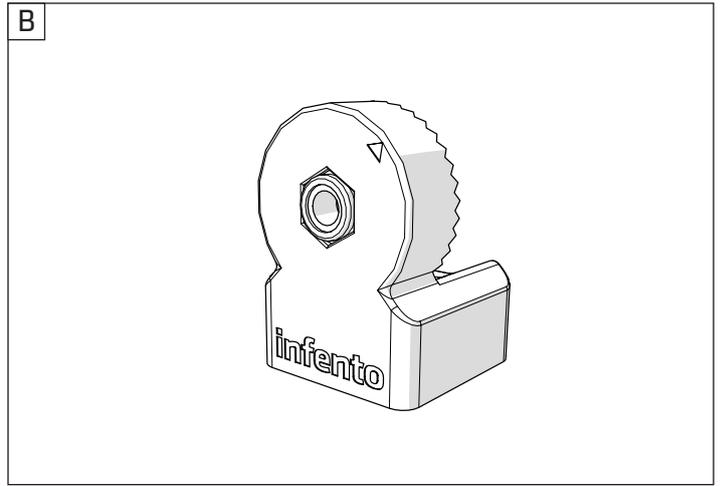
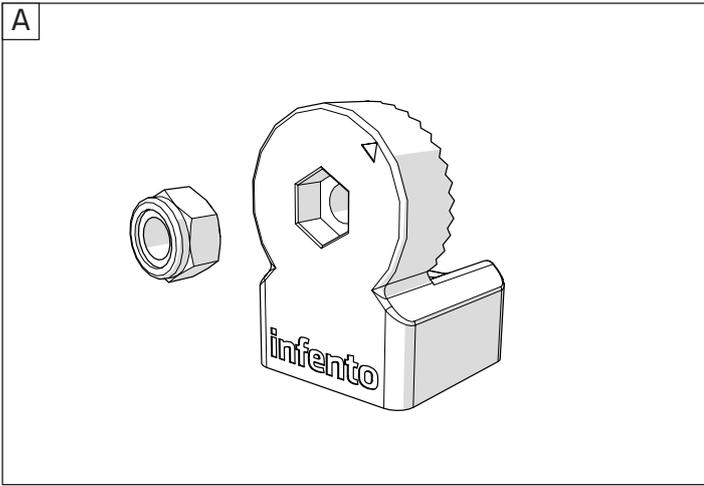




29

ride SWING

-  1x
-  2x
-  1x
-  1x
-  1x

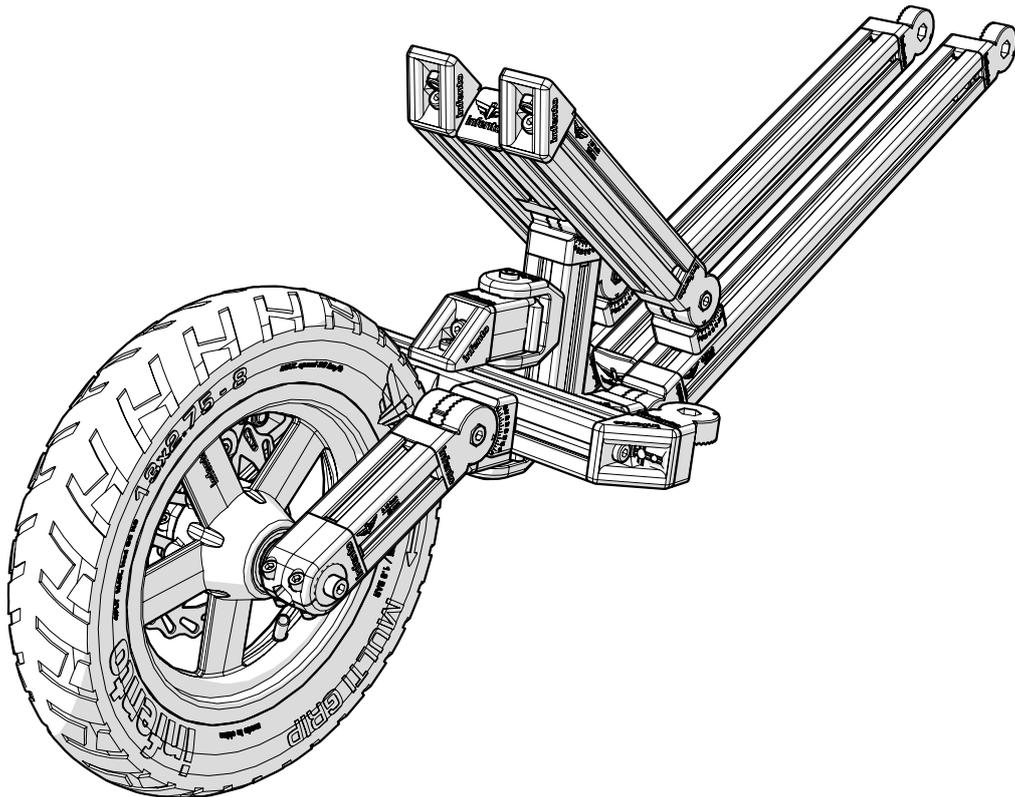
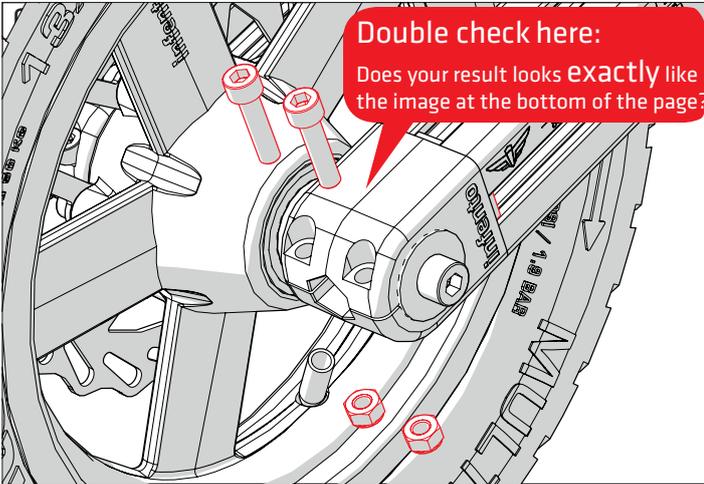
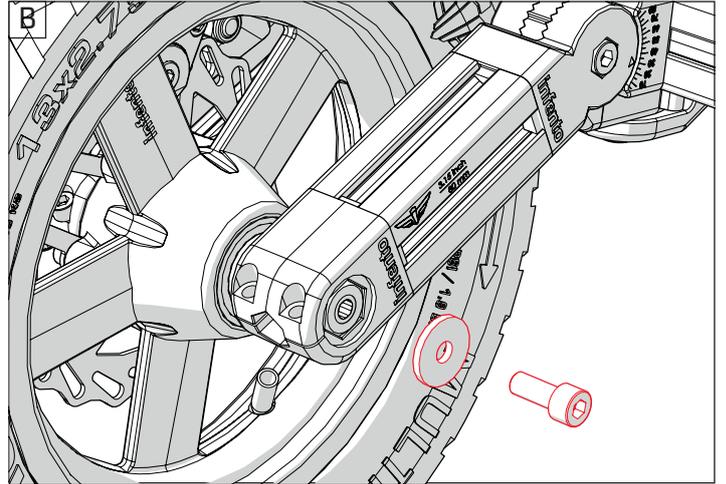
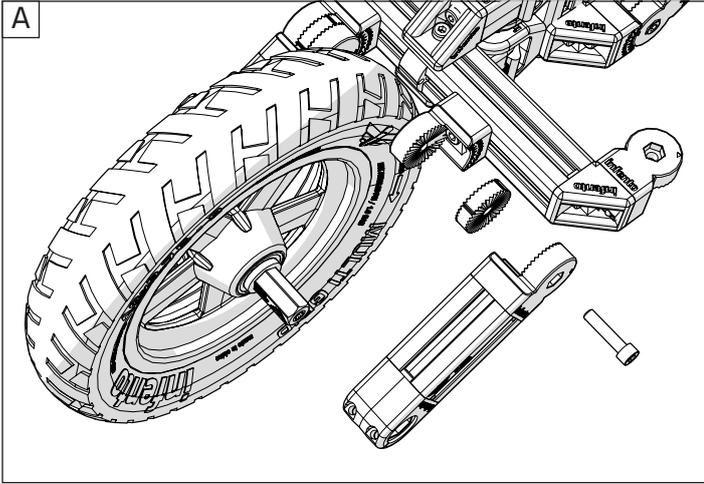




30

ride SWING

- Bolt M8x35 1x
- Knurled disc 2 stripes 1x
- Bolt M6x25 2x
- Bolt M8x20 1x
- Locknut M6 2x
- Washer M8-24 1x





31

ride SWING



+

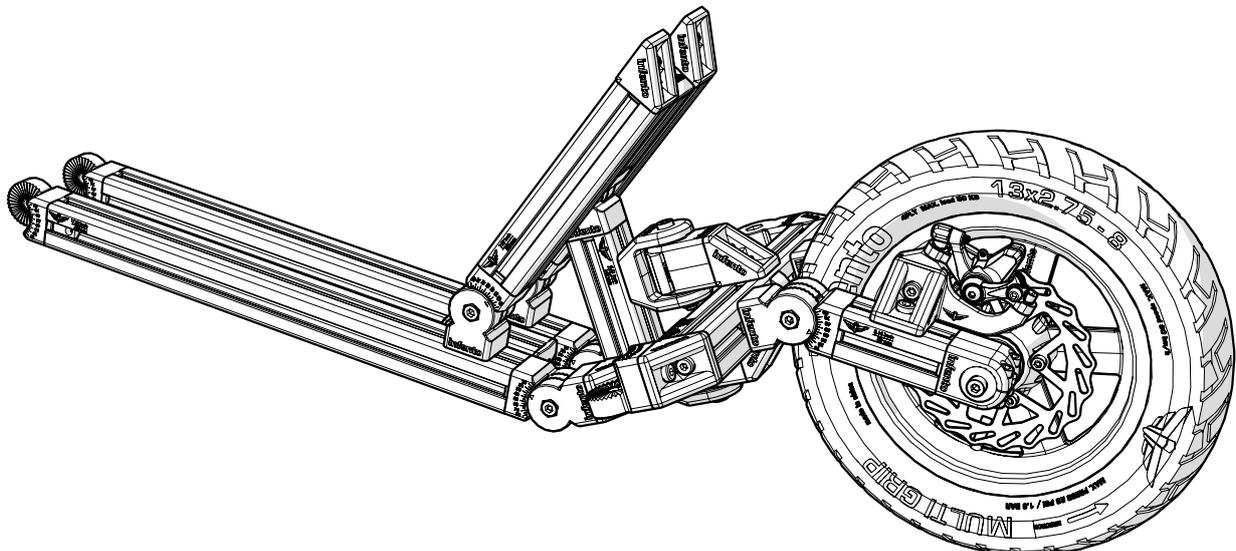
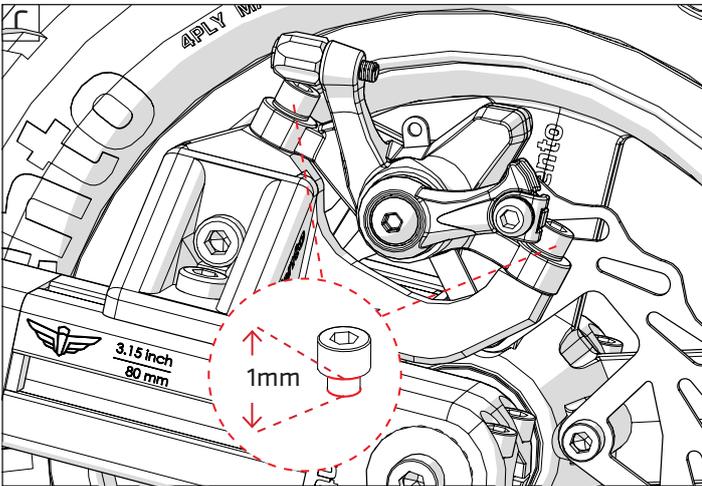
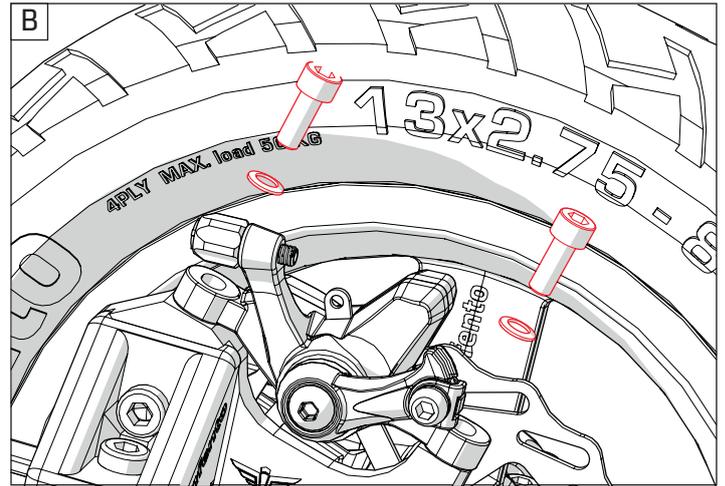
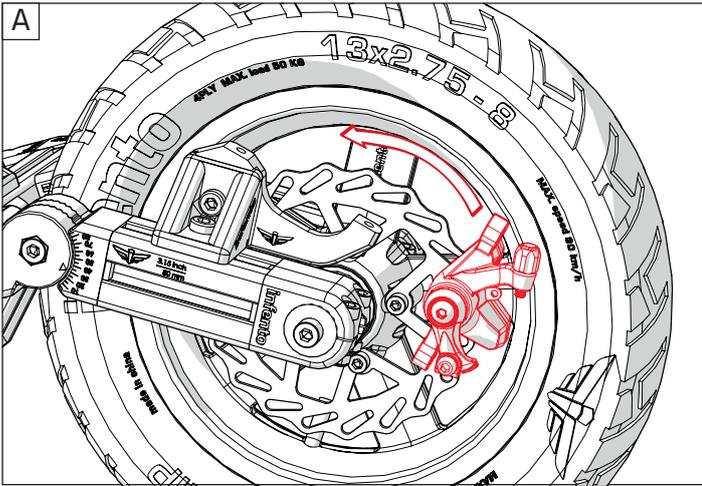


Conical spring
washer M6-10

2x

Bolt M6x16

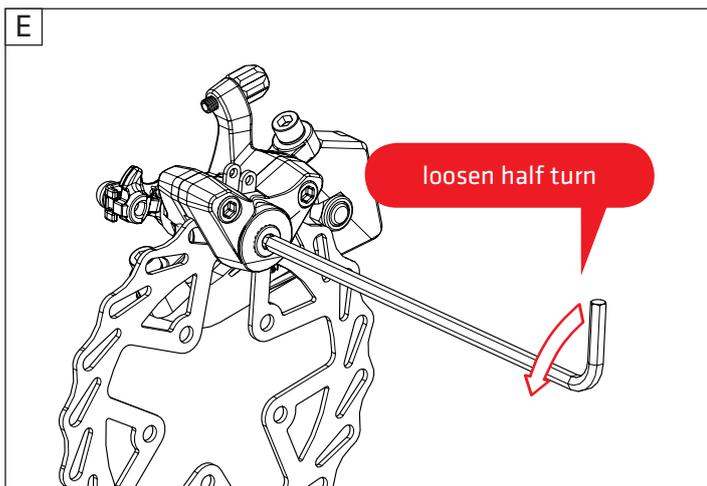
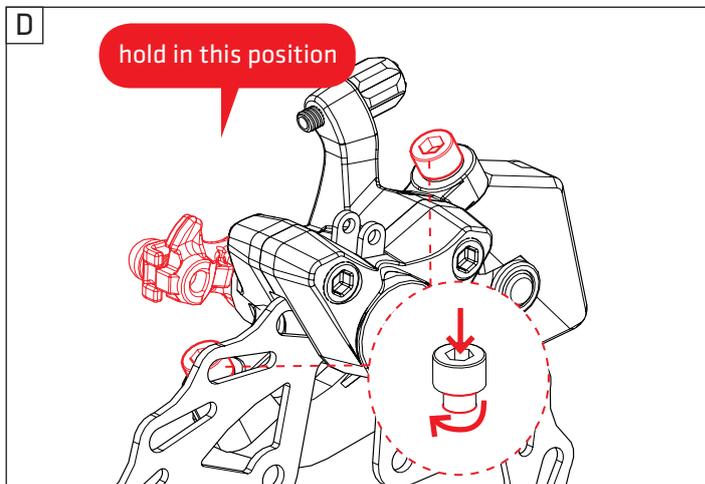
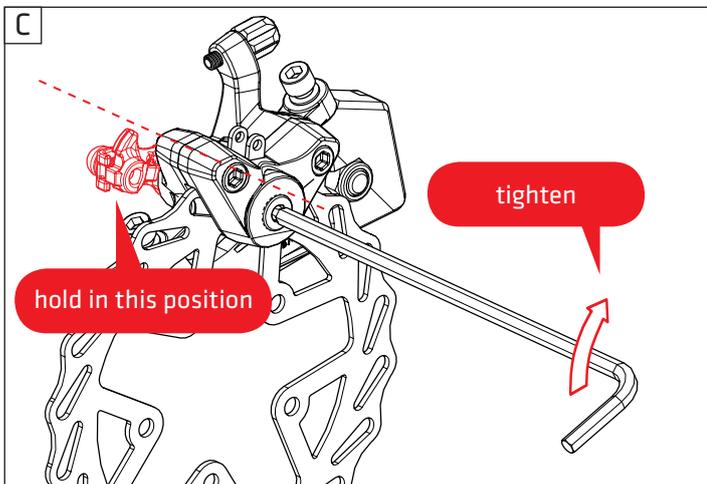
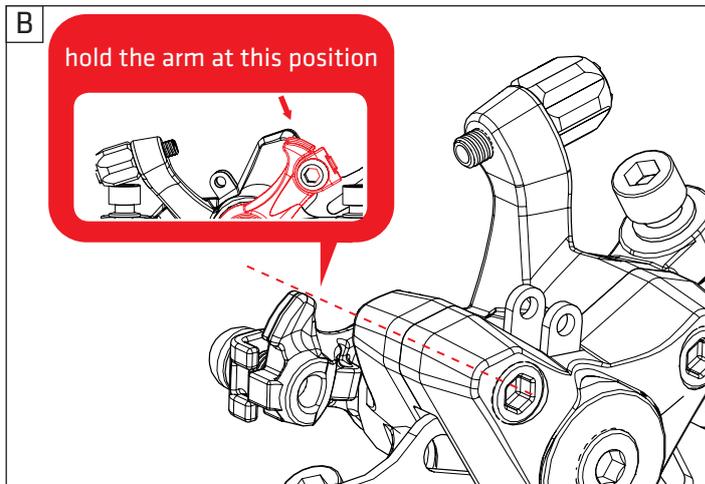
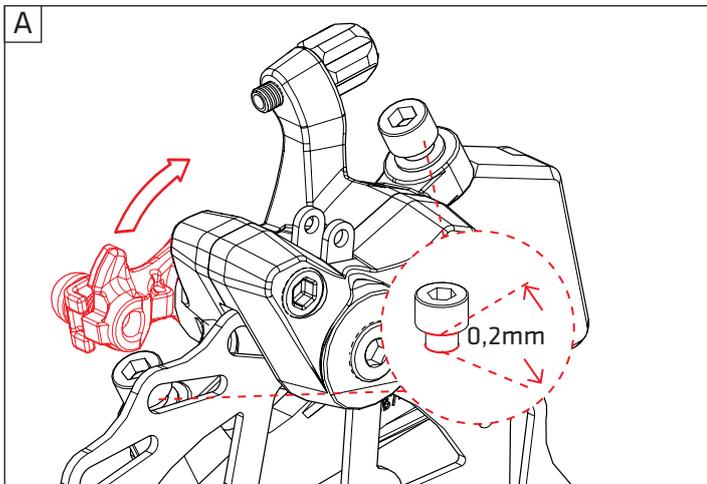
2x





32

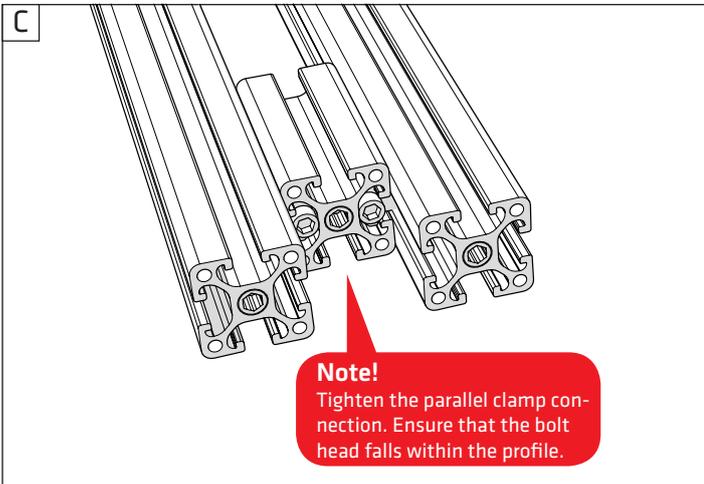
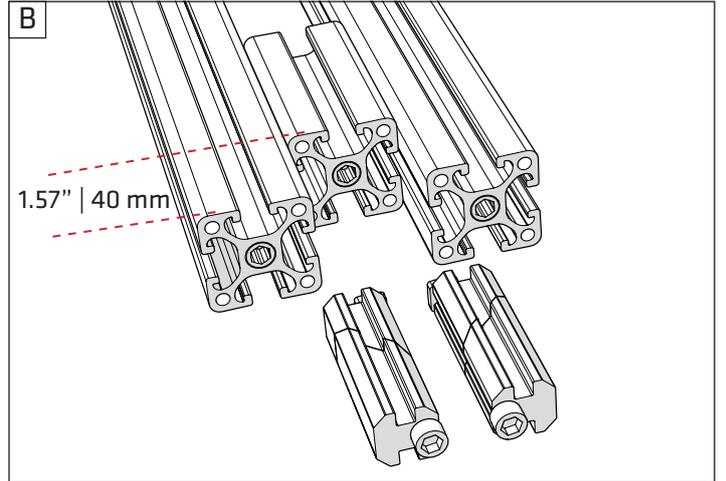
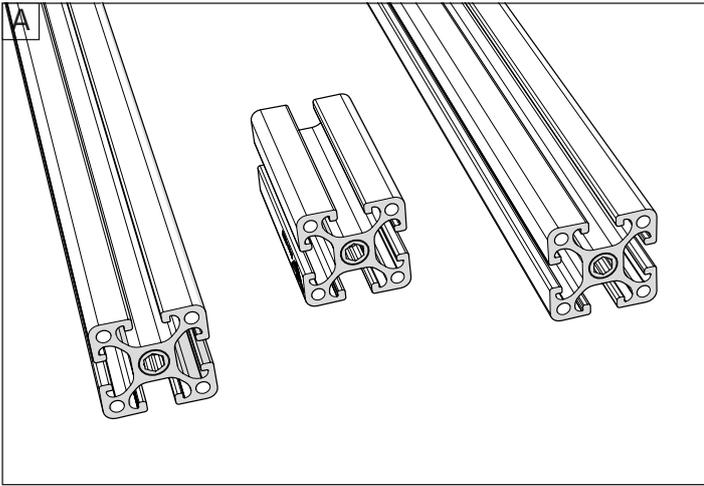
ride SWING



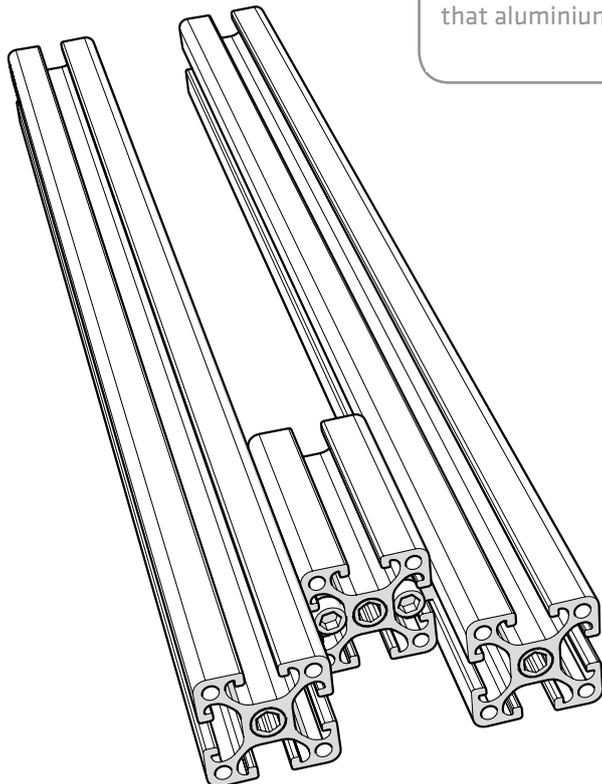


33

ride *SWING*



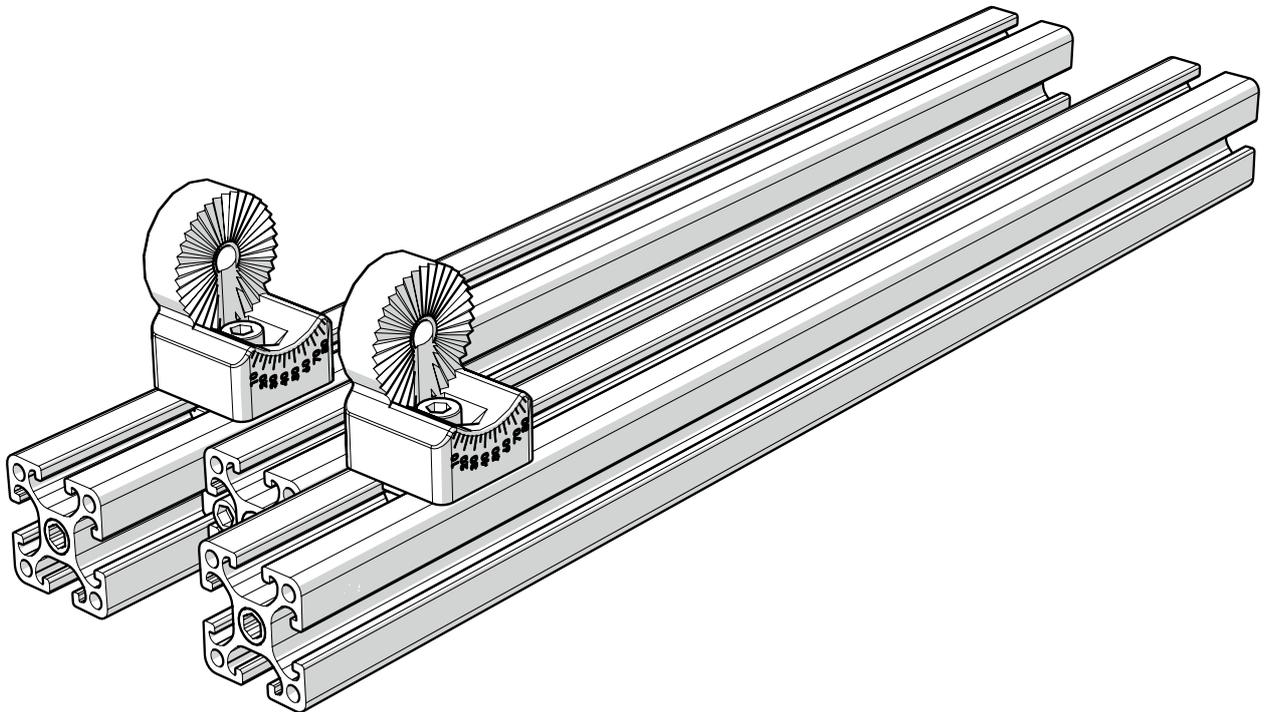
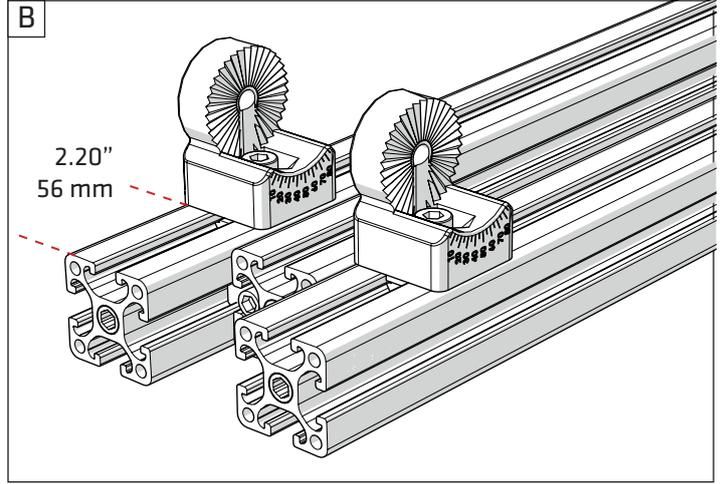
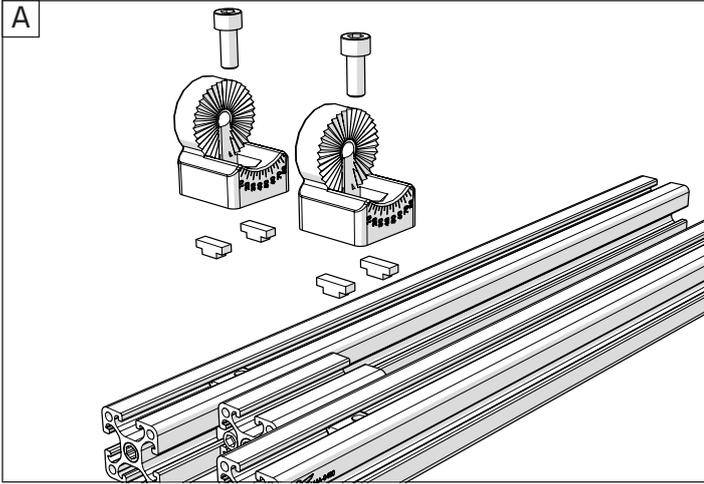
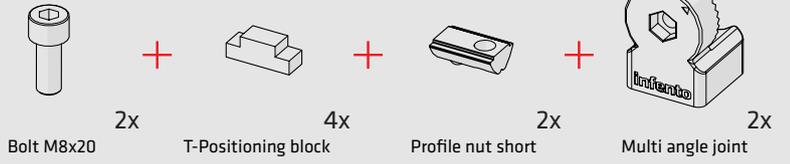
The Infento profiles are made of aluminium. This is a light and strong metal that is also used to build aeroplanes. A major advantage is that aluminium does not rust like iron.





34

ride SWING





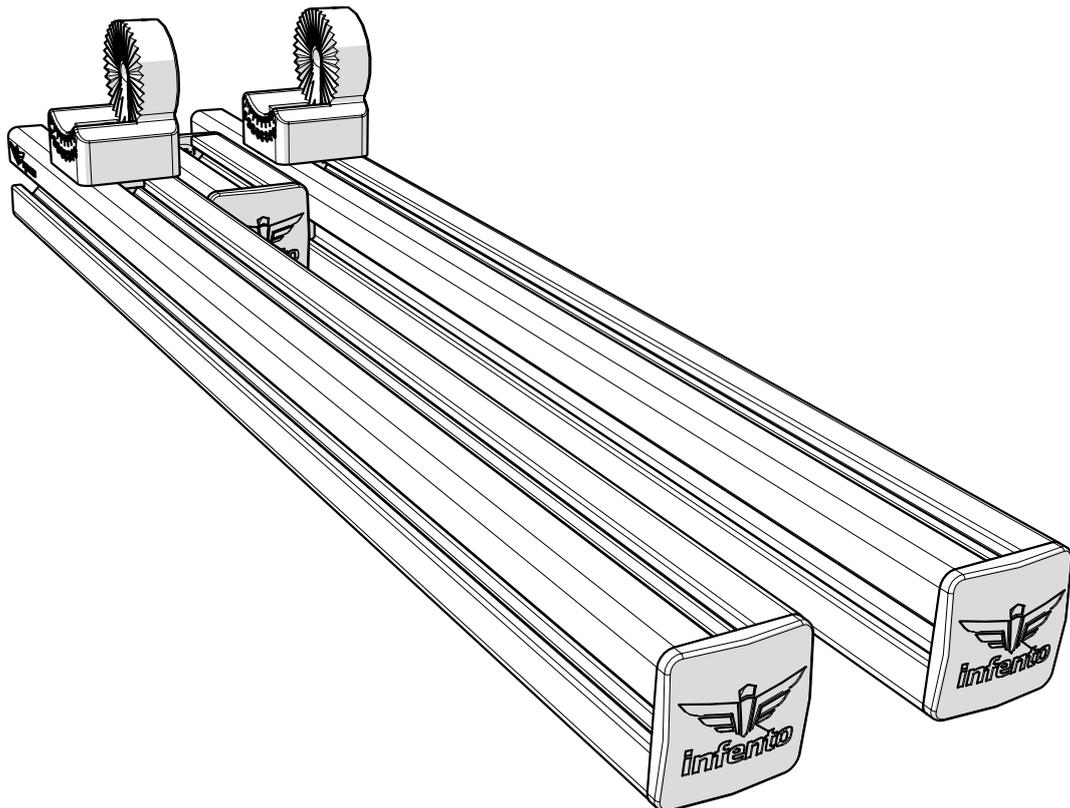
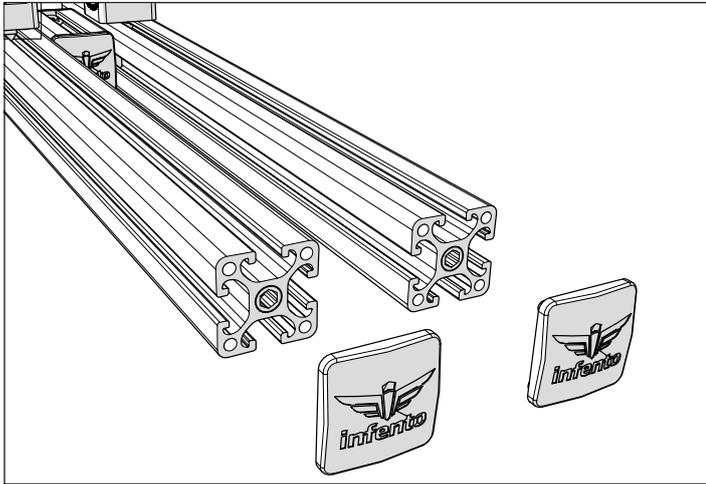
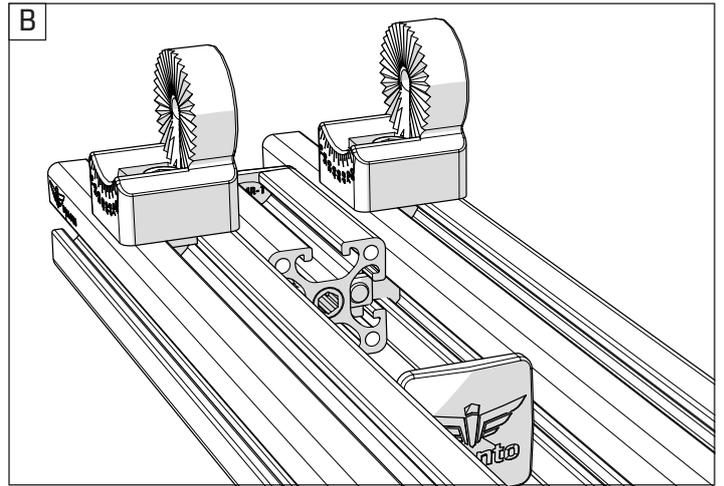
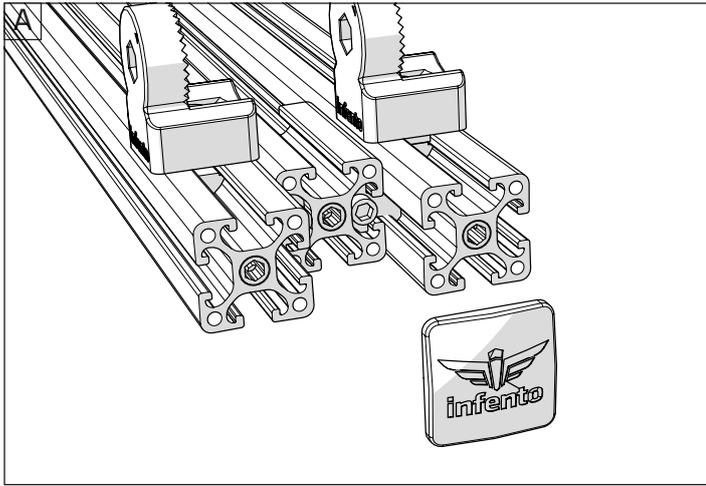
35

ride SWING



4x

Protect cap



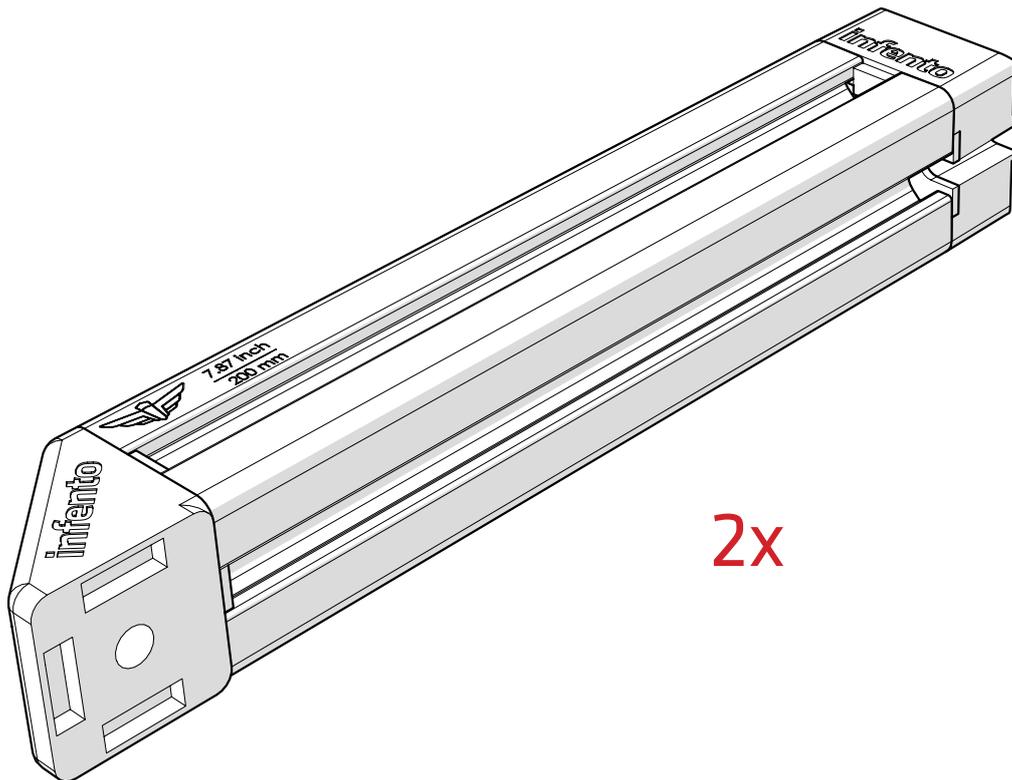
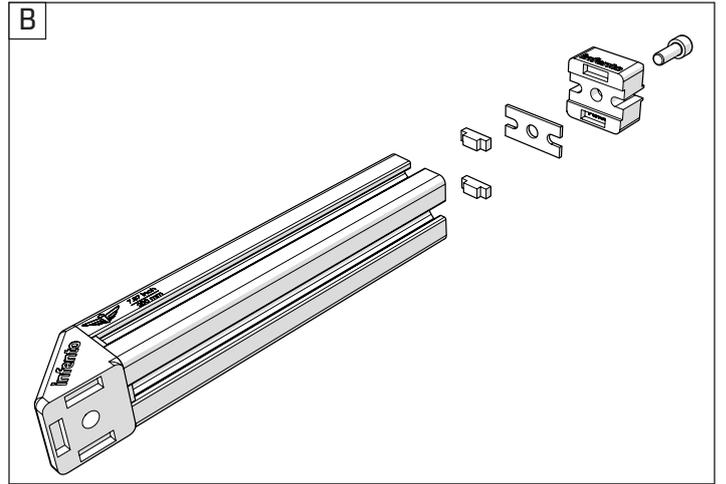
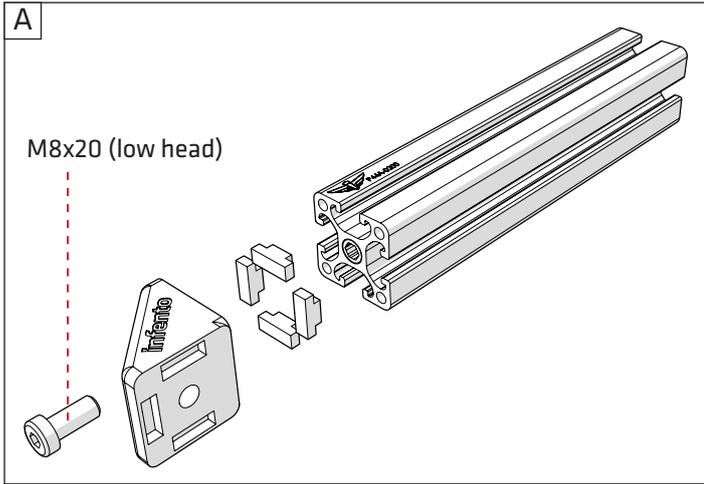


36

ride *SWING*

- Bolt M8x20 (low head) 2x
- Bolt M8x20 2x
- T-Positioning block 12x
- L-joint 2x
- Profile 7.87inch | 200mm 2x

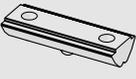
- T-plate 2x
- T-joint 2x

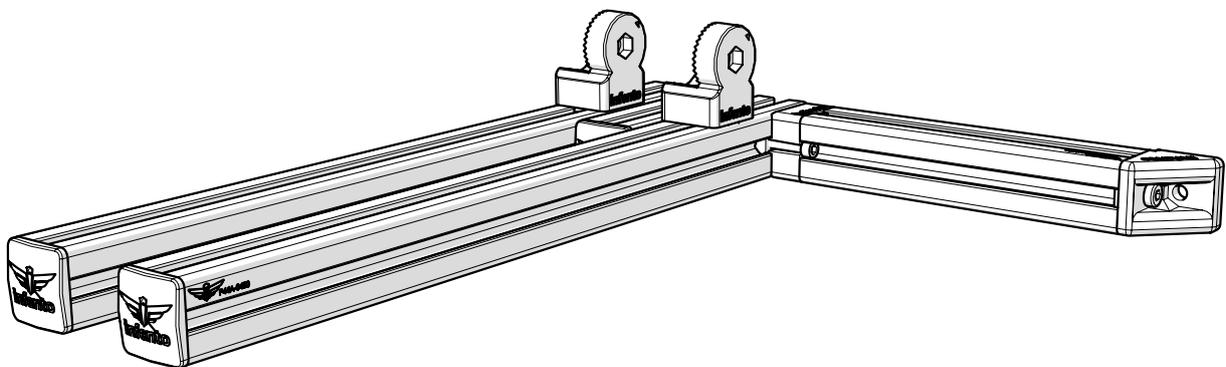
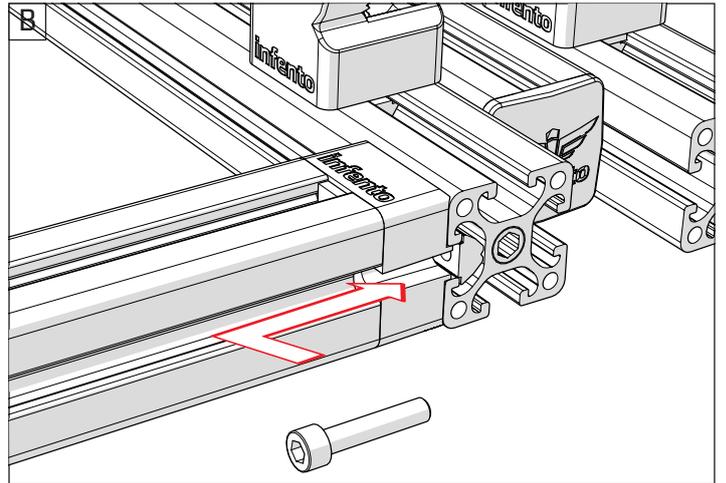
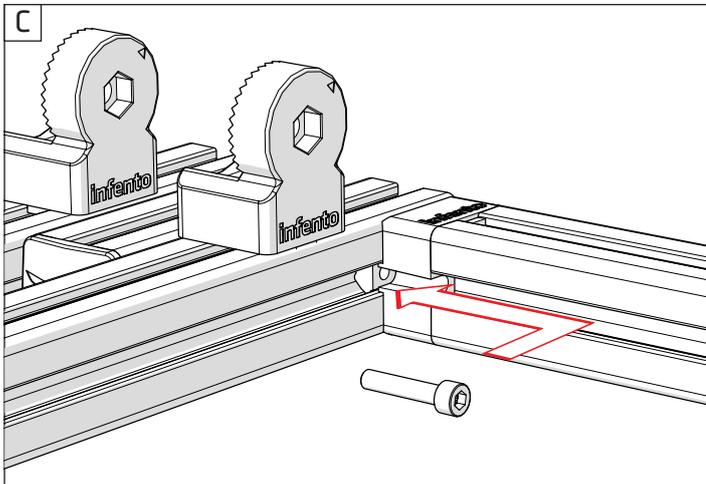
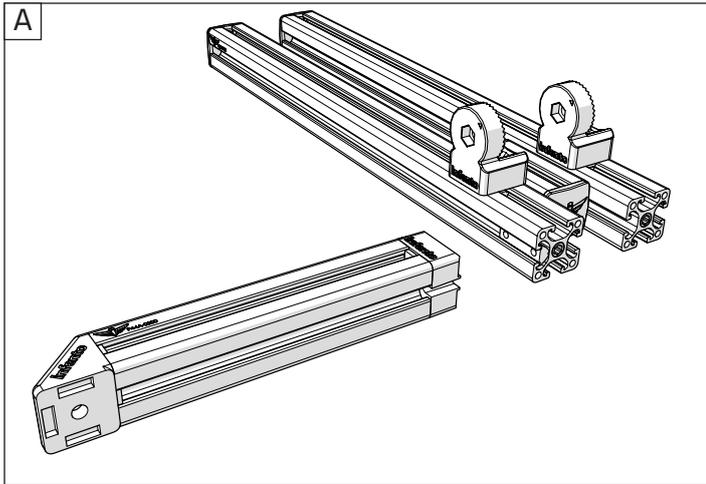




37

ride *SWING*

  +
Bolt M6x30 2x Profile nut long 1x

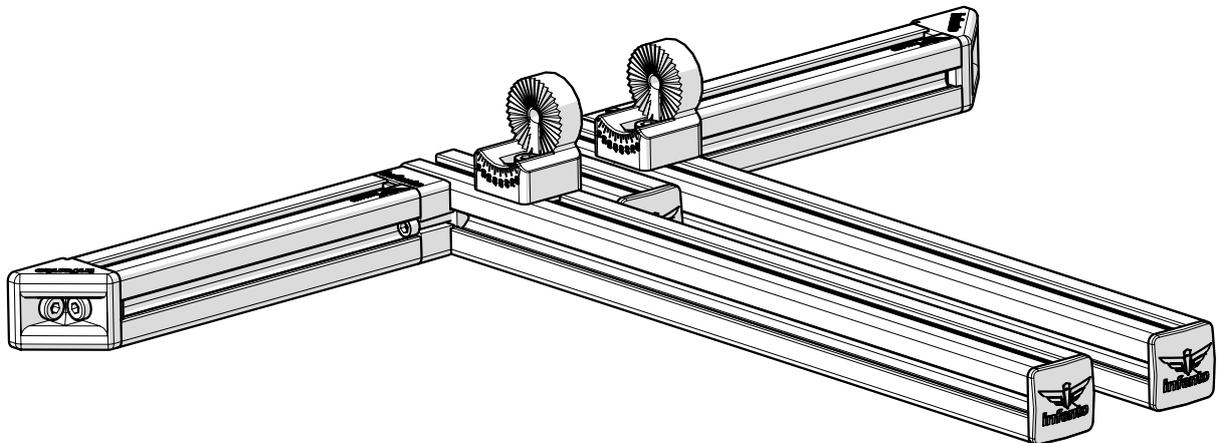
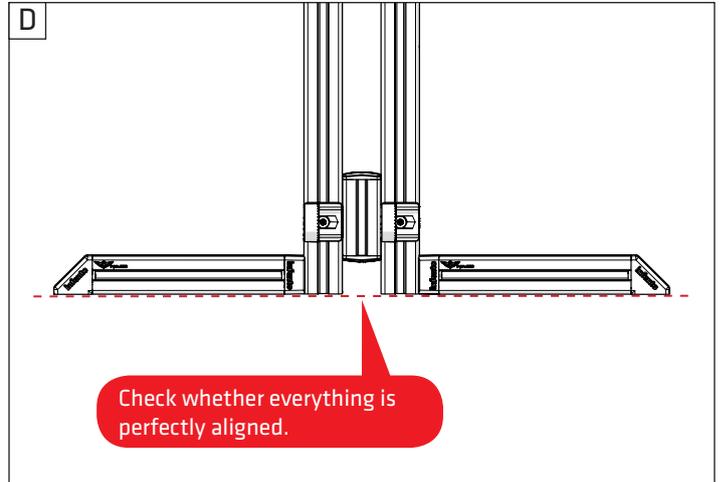
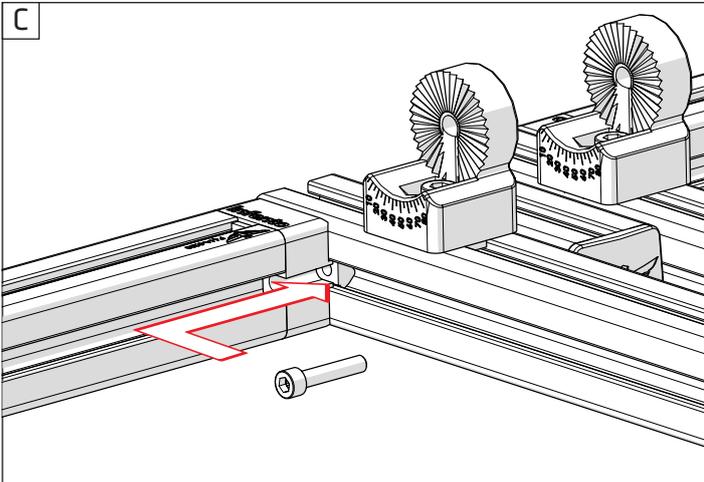
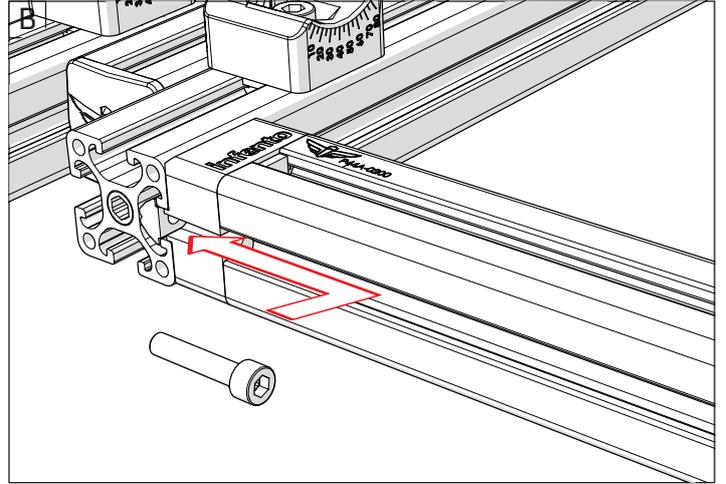
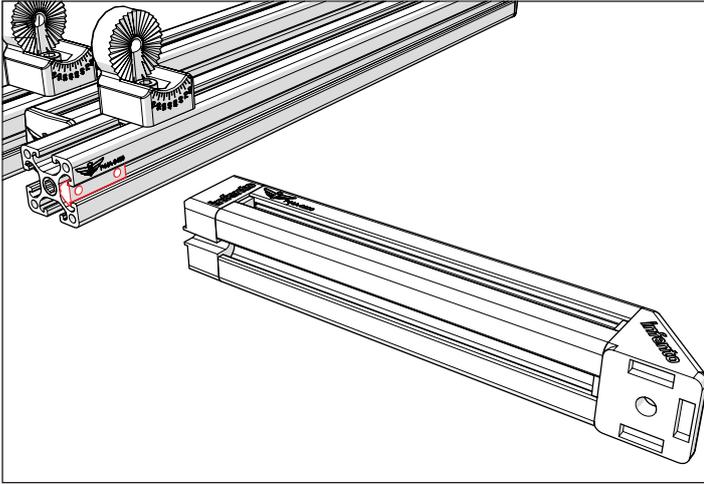




38

ride *SWING*

 + 
Bolt M6x30 2x Profile nut long 1x





39

ride *SWING*



Bolt M8x20

2x



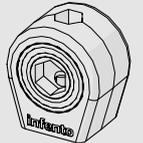
T-Positioning block

4x



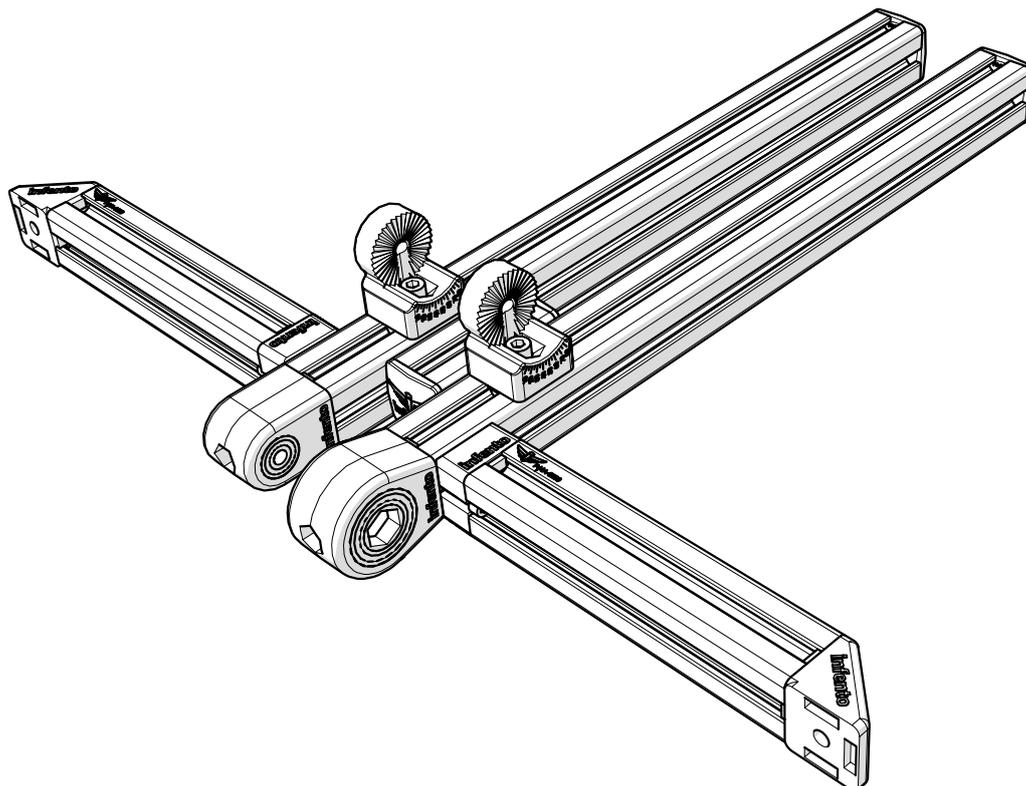
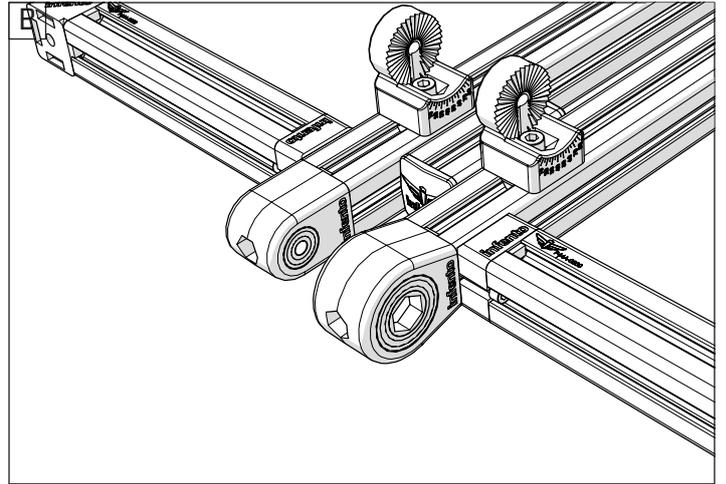
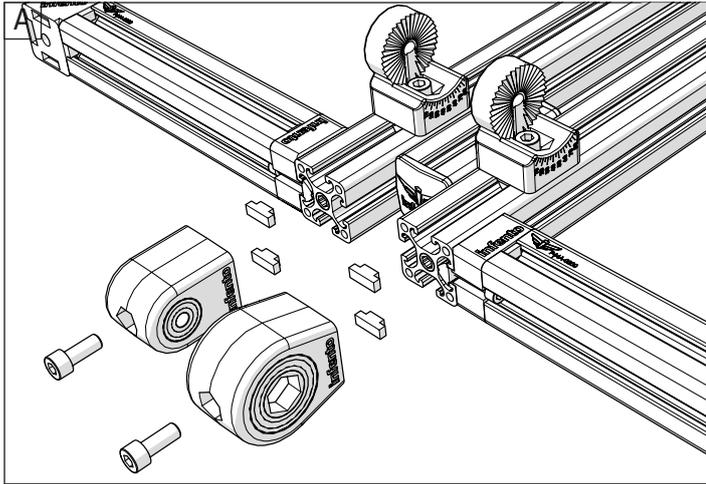
Bearing block
40x40_8

1x



Bearing block
40x40_Hexa 19

1x





40

ride SWING

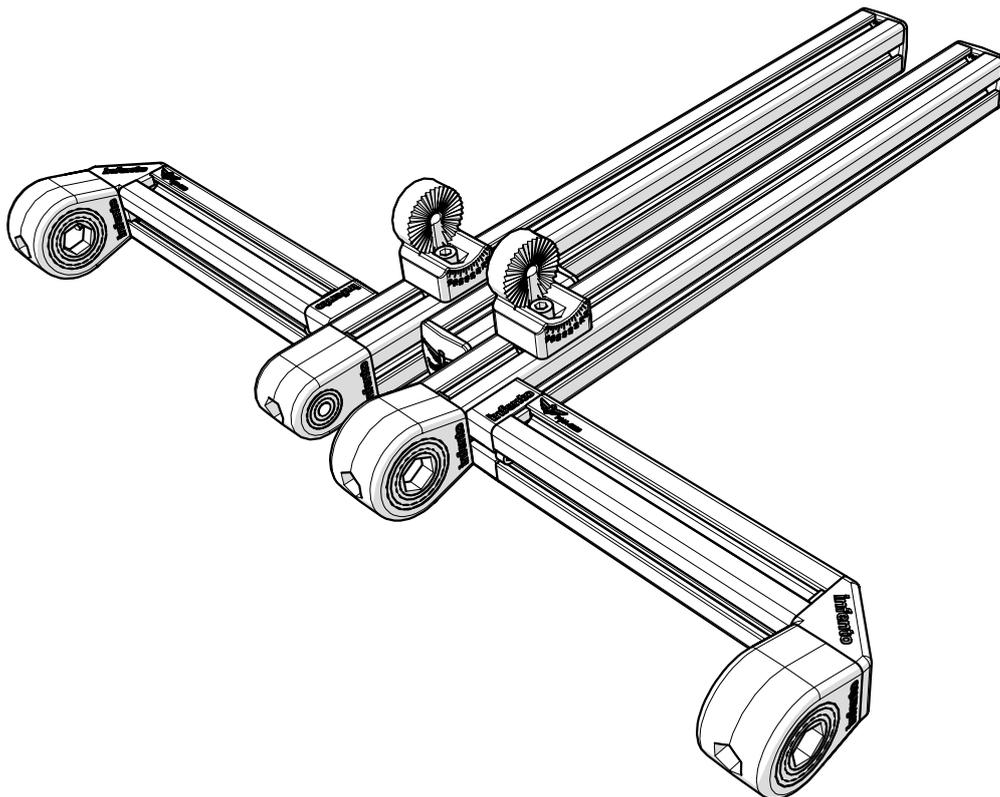
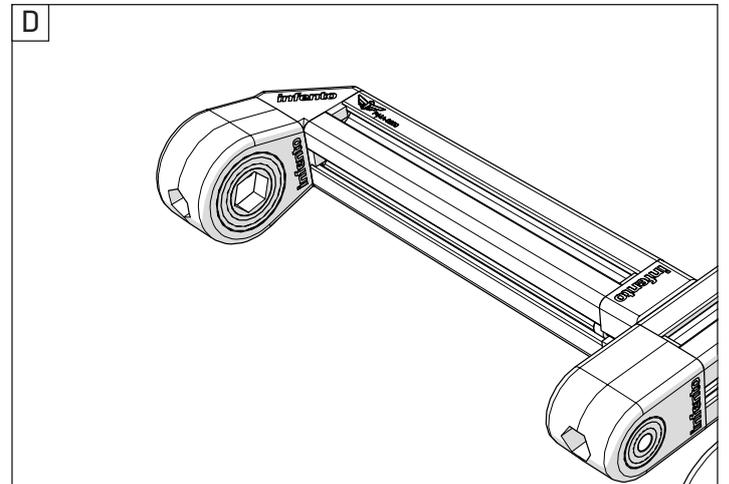
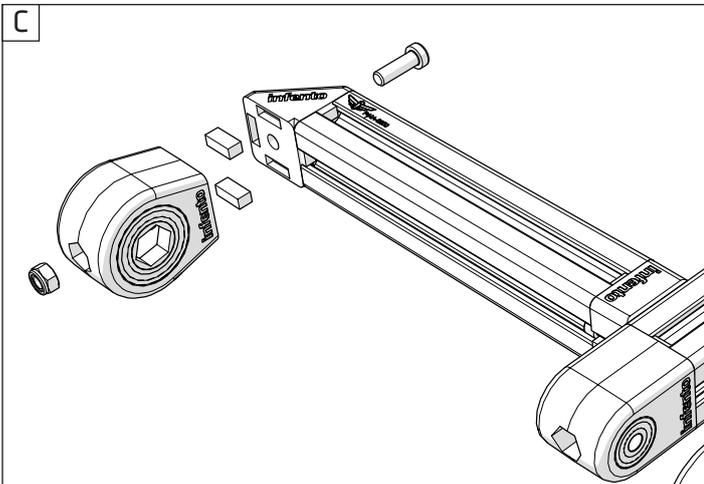
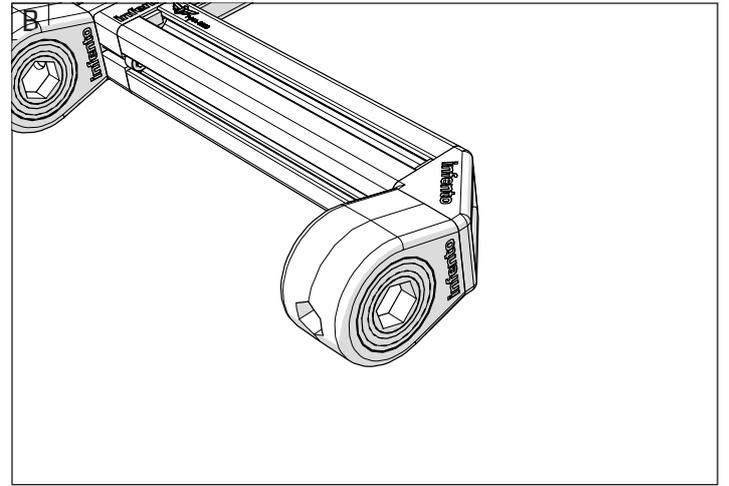
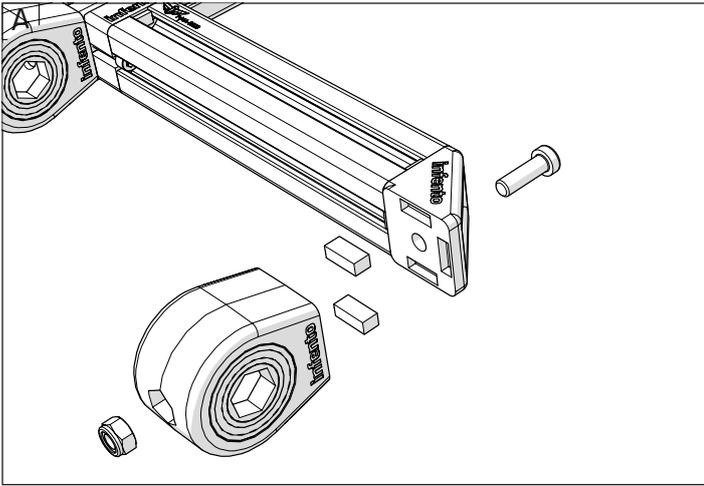
- 
Bolt M8x25
- +
- 
Positioning block
- +
- 
Locknut M8
- +
- 
Bearing block
40x40_Hexa 19
- 2x

2x

4x

2x

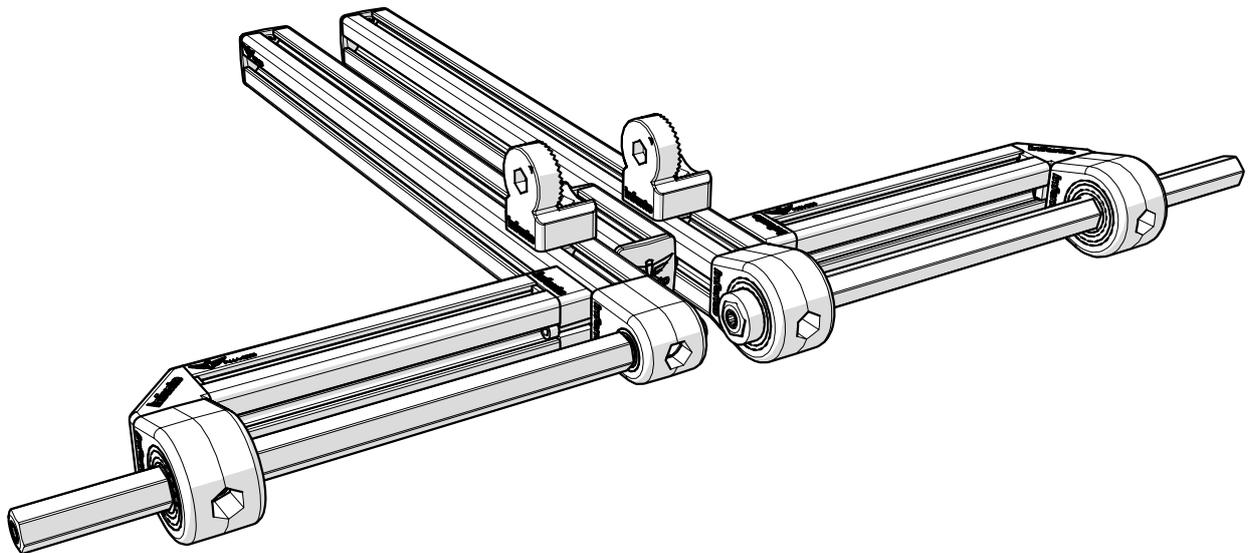
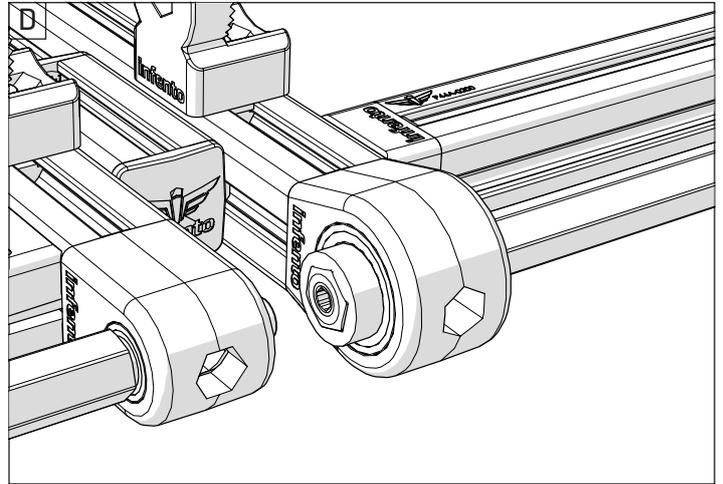
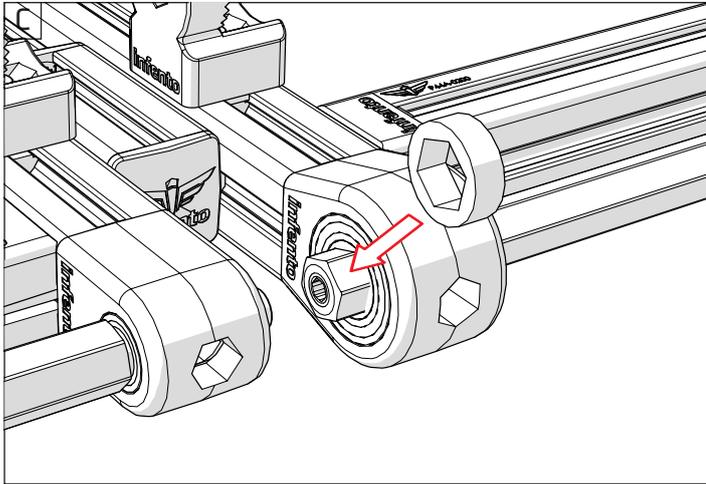
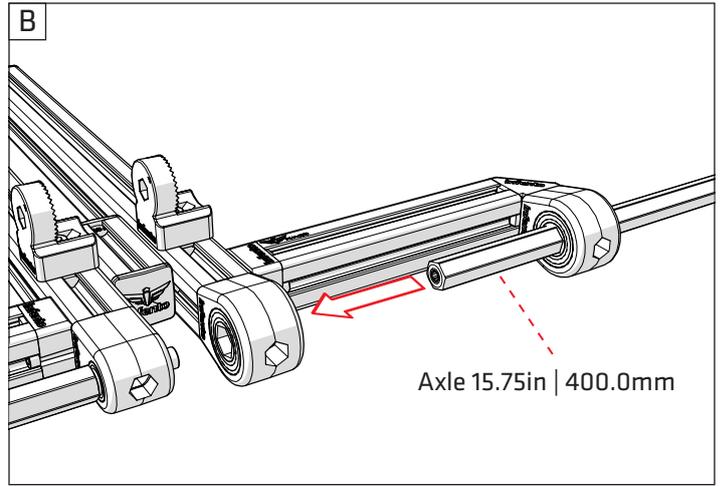
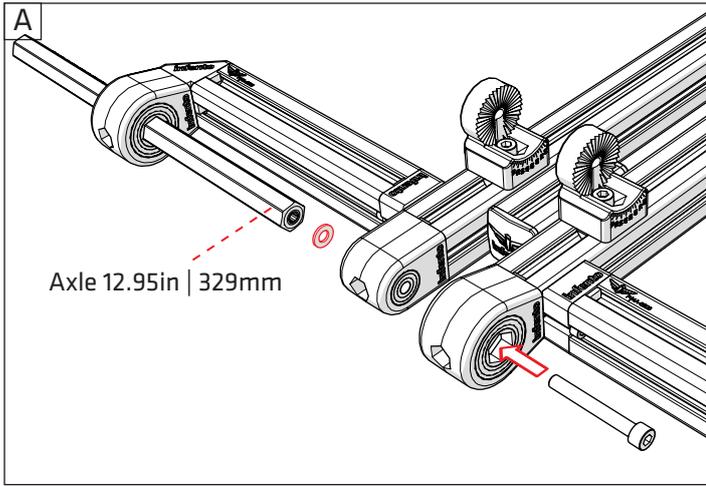
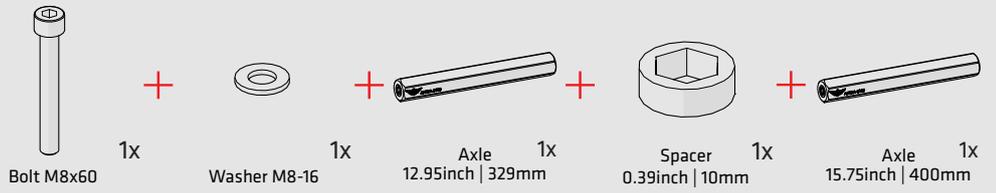
2x





41

ride *SWING*





42

ride SWING



Axle flange

+

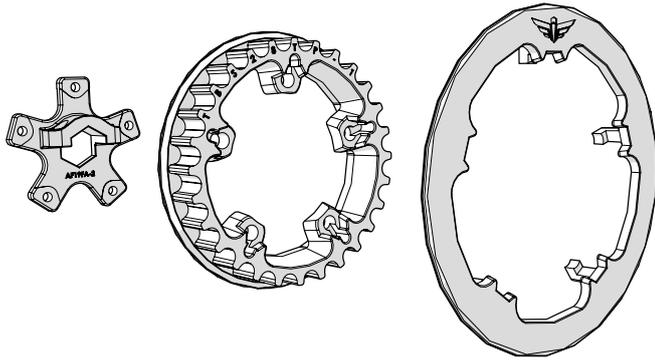


Toothed
belt pulley 28T

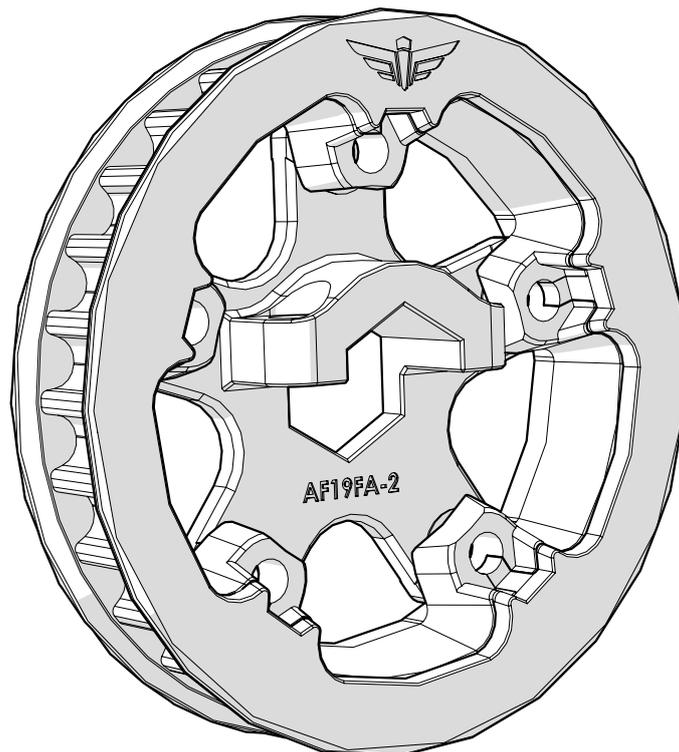
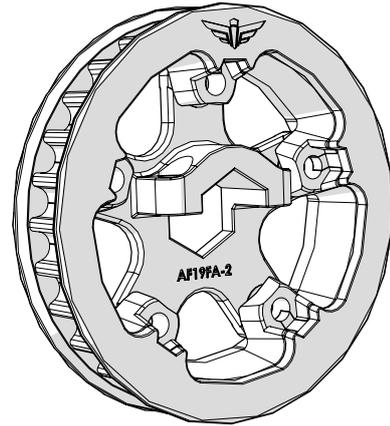
1x

1x

A



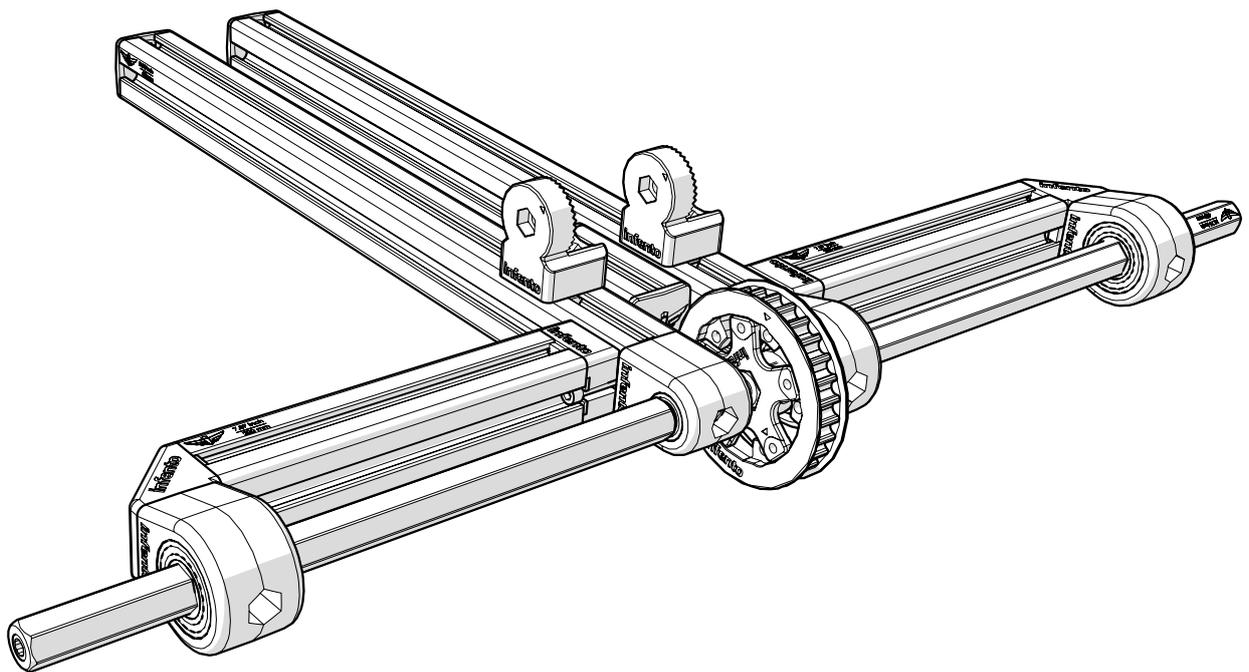
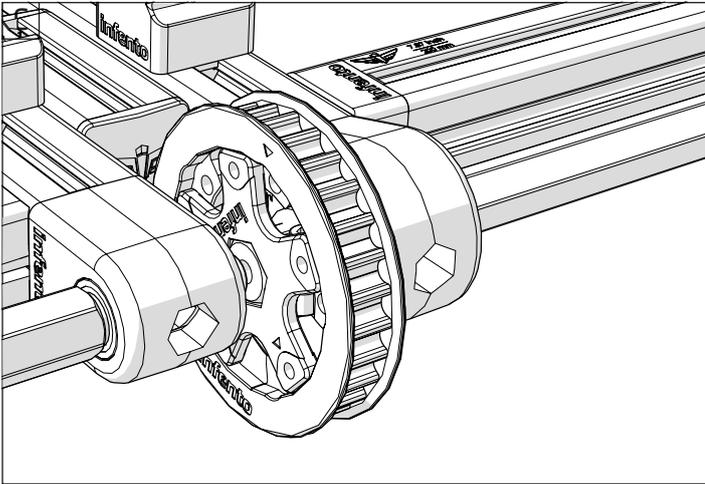
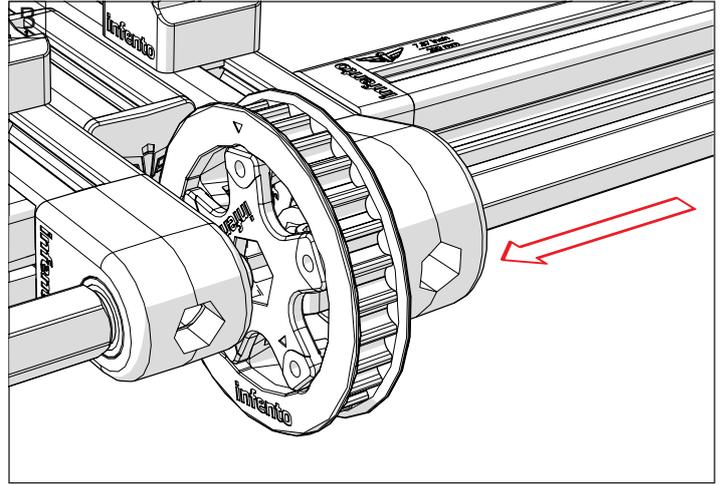
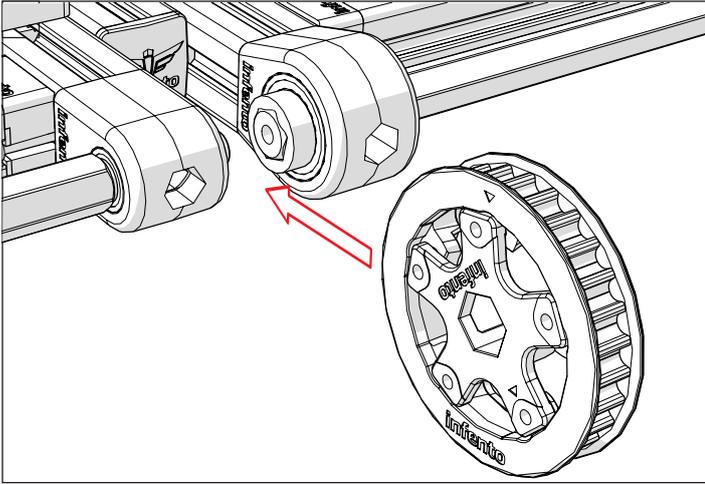
B





43

ride SWING





44

ride SWING



+

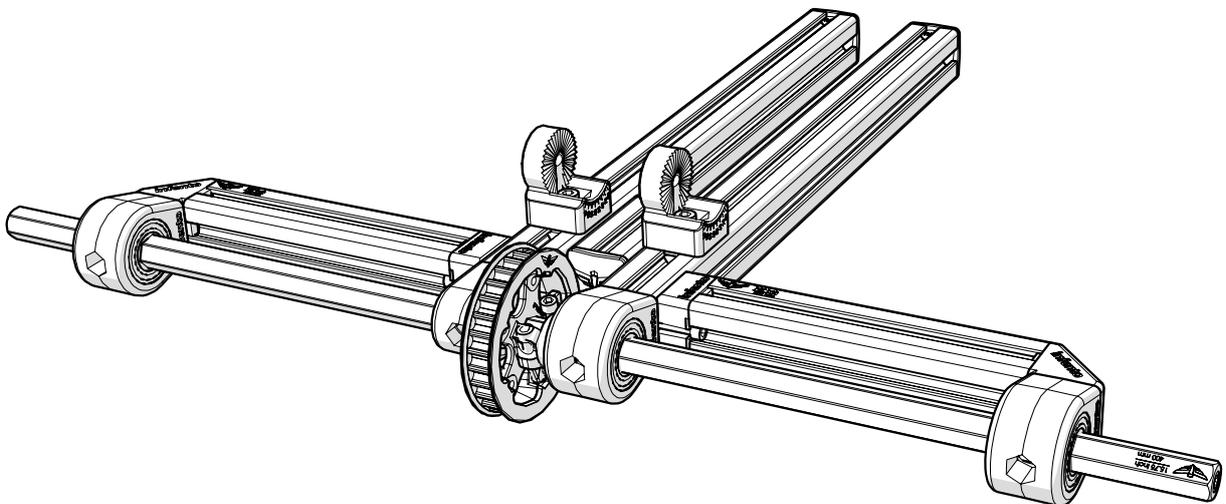
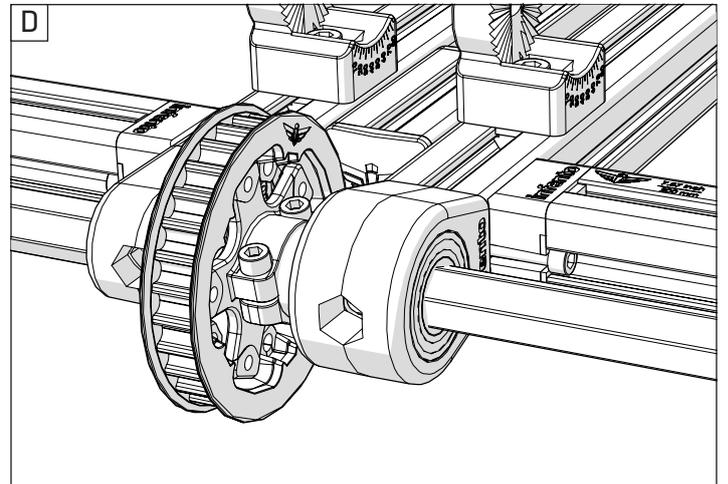
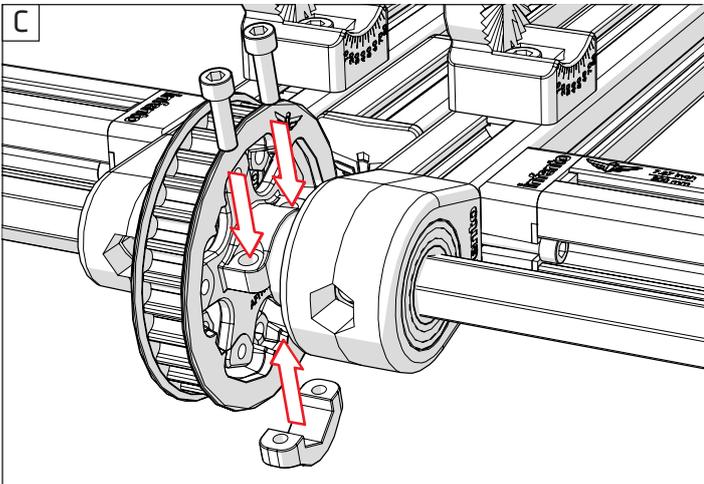
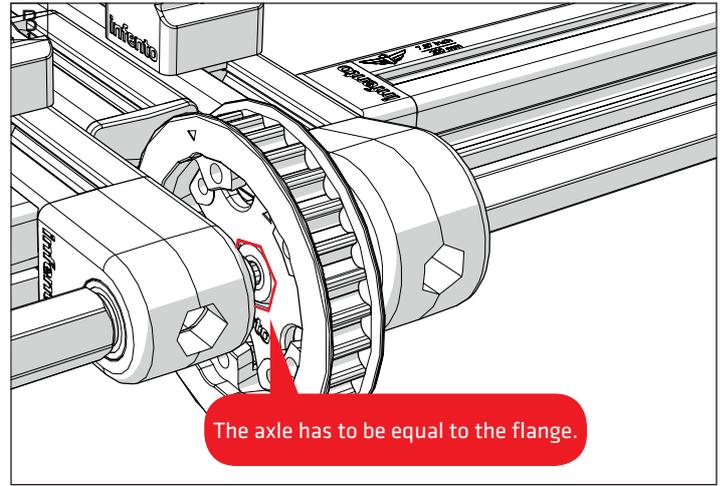
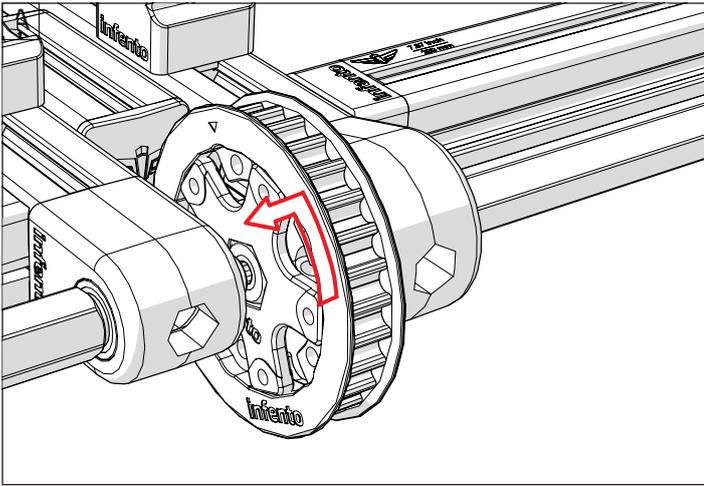


Bolt M6x20

2x

Clamping part
holes with M6 thread

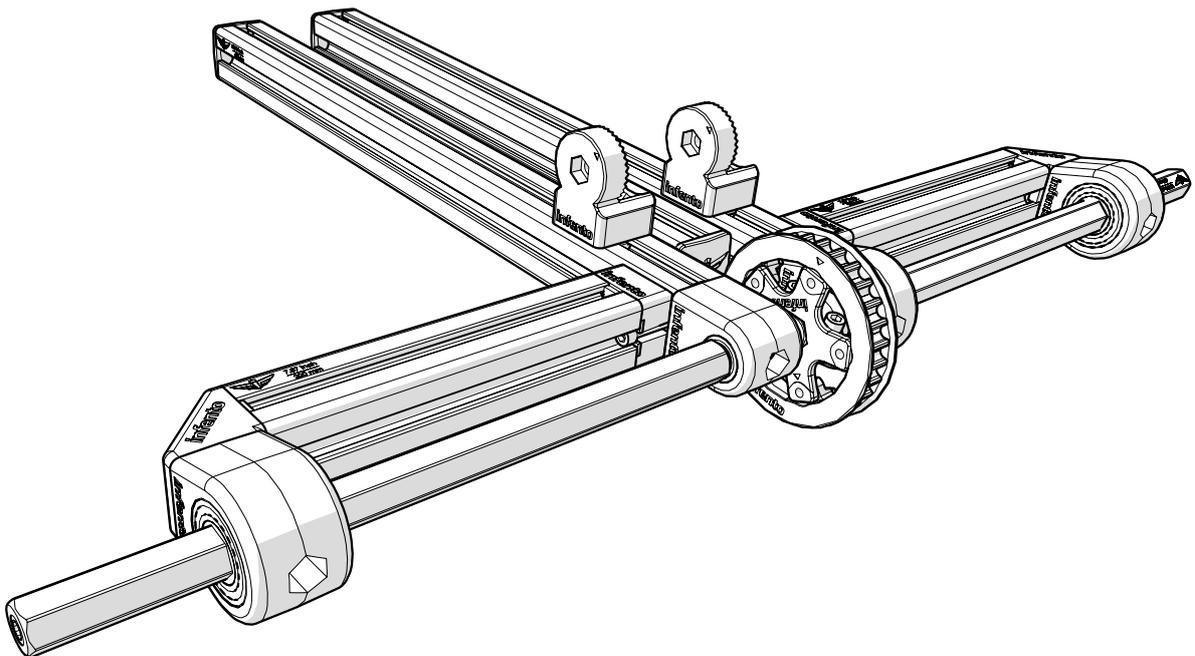
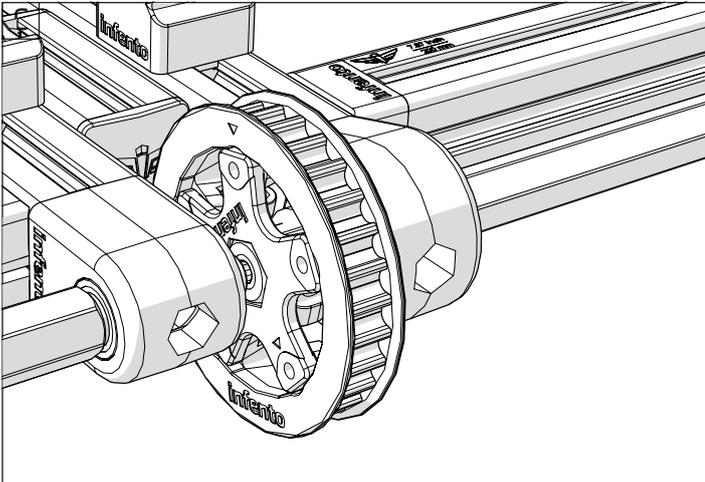
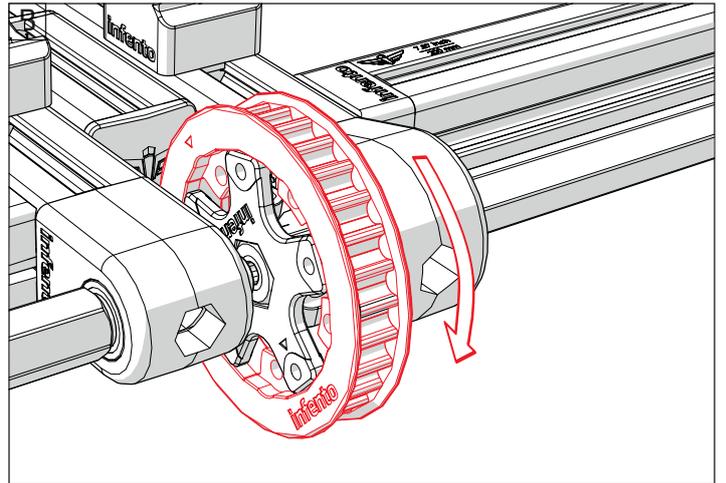
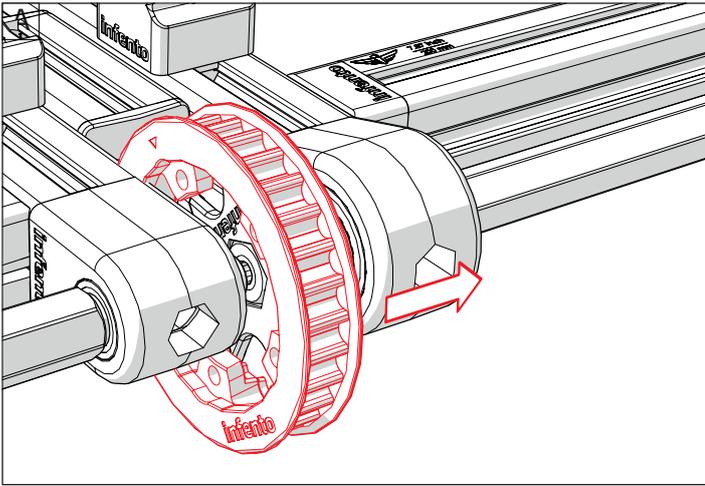
1x





45

ride SWING



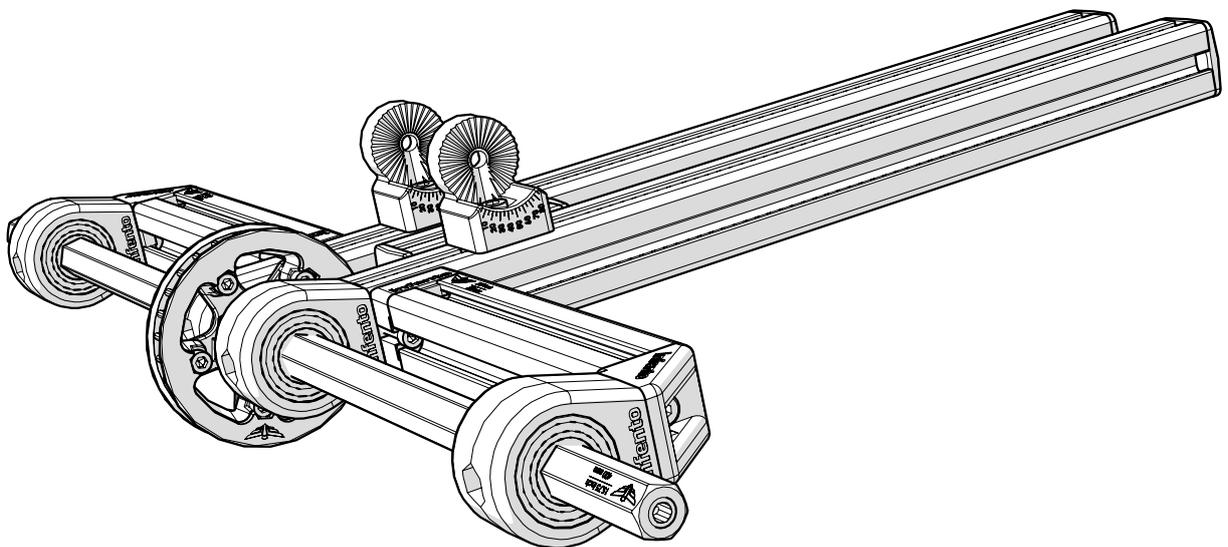
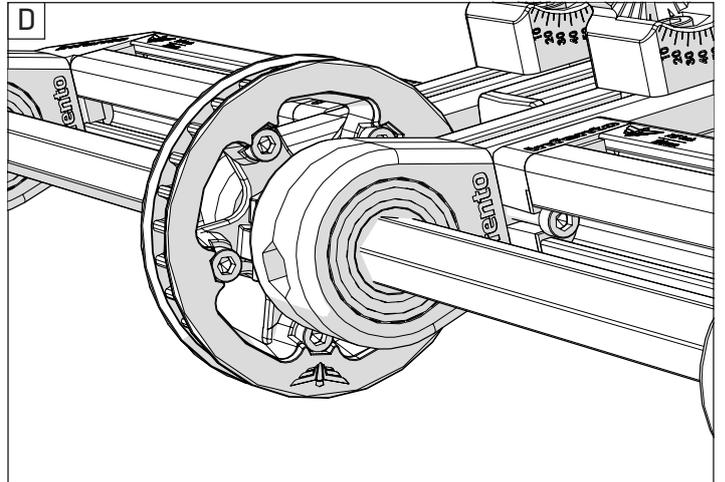
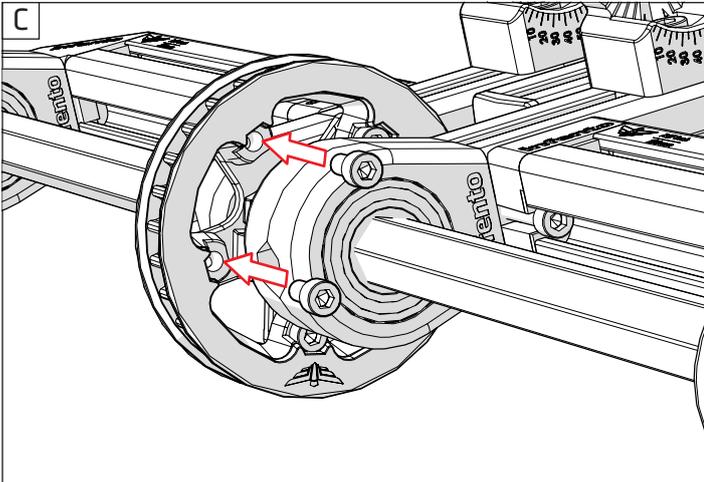
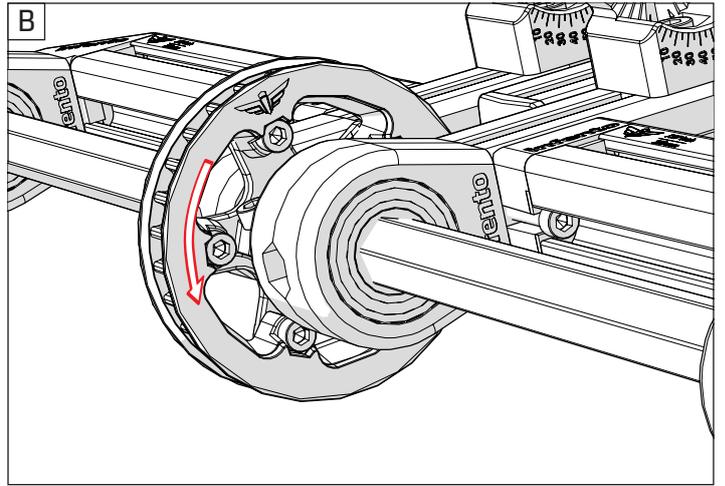
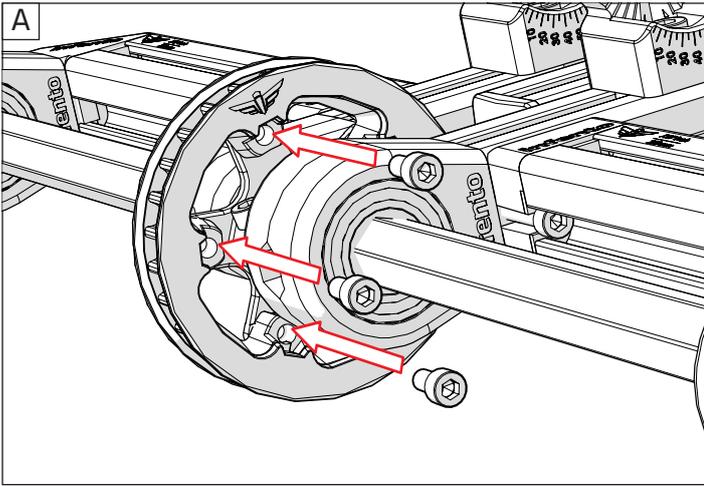


46

ride *SWING*



5x
Bolt M6x12





47
ride *SWING*

Use this toothed belt for children older than 12 years.



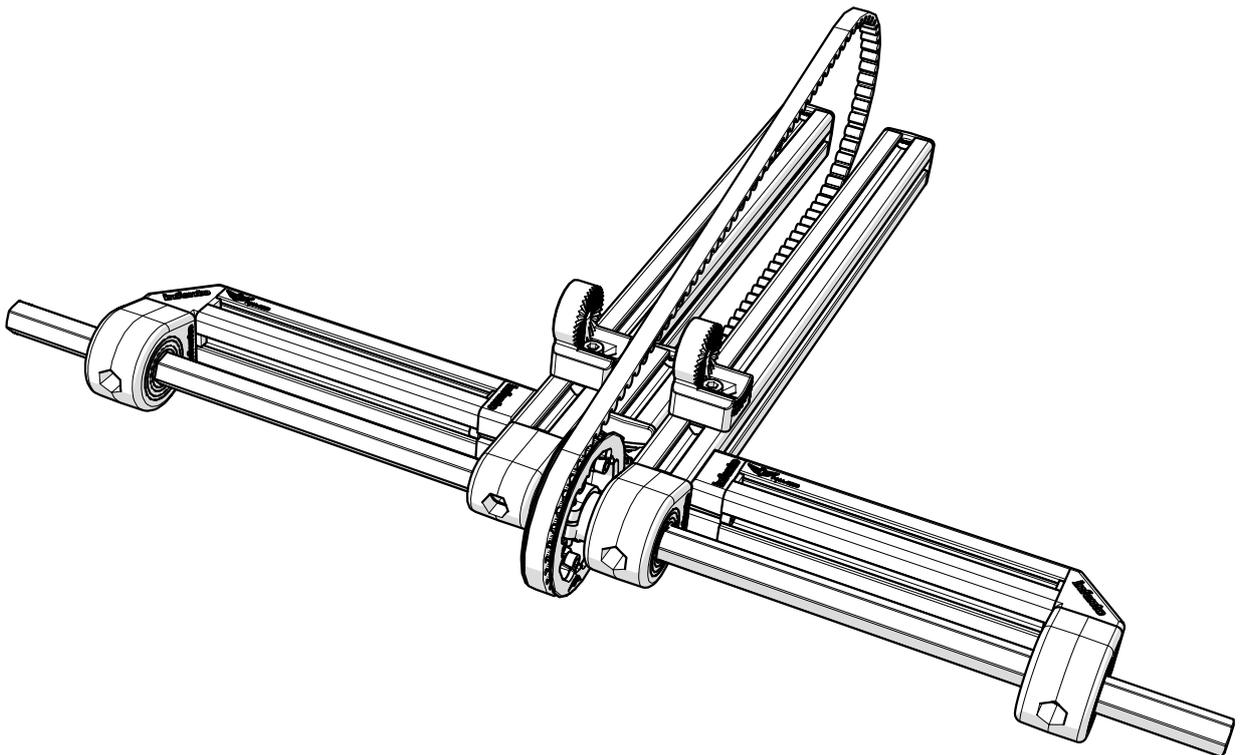
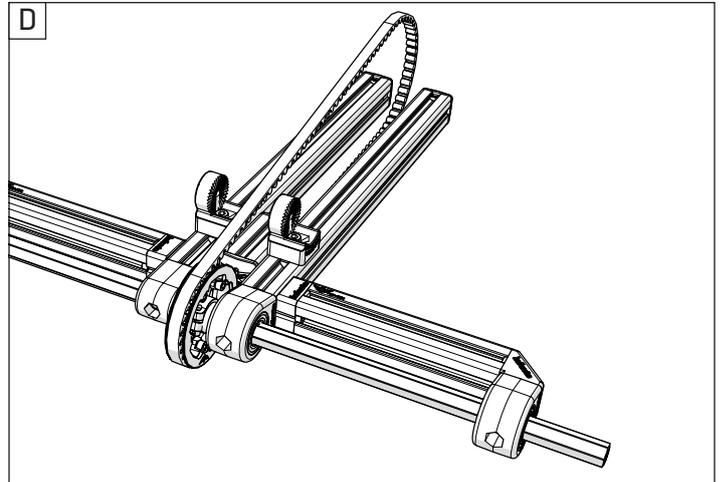
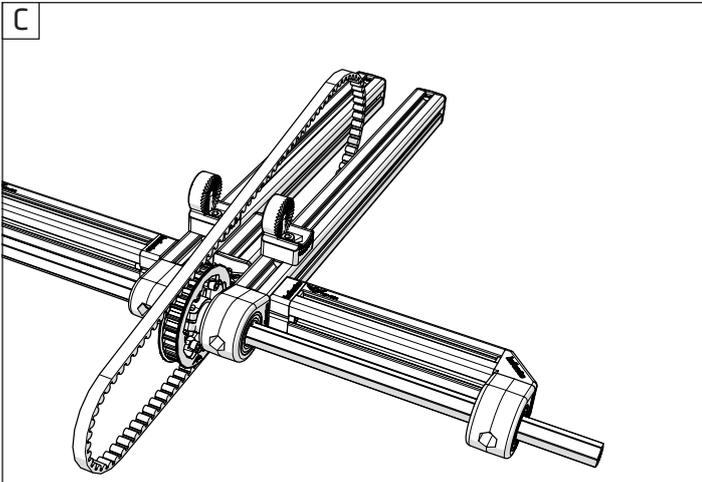
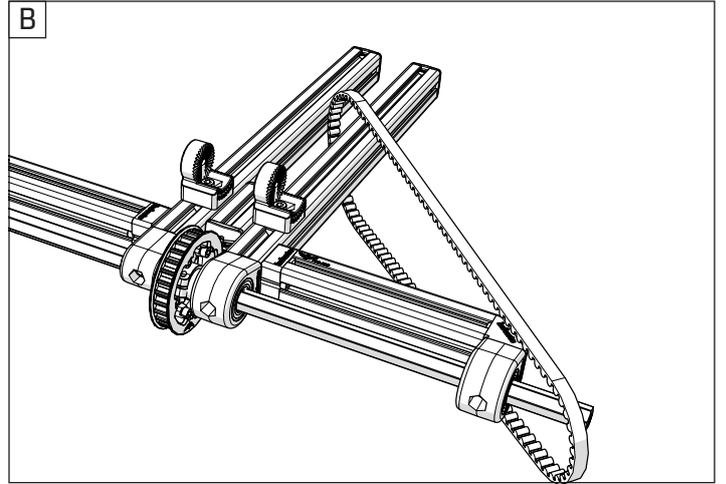
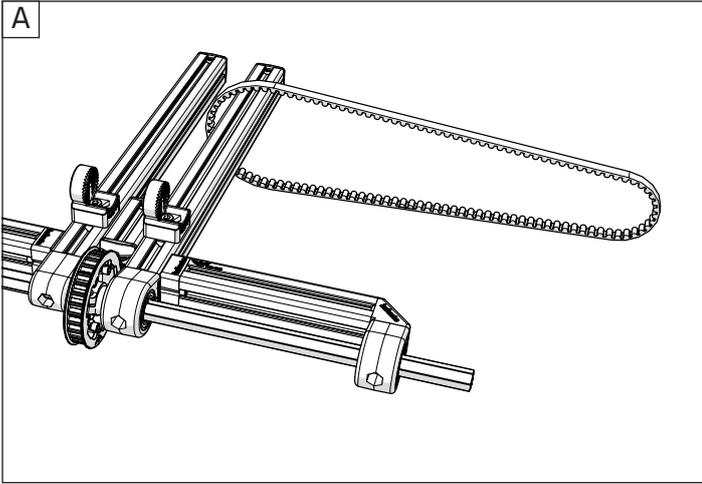
1x

Toothed belt 136T



1x

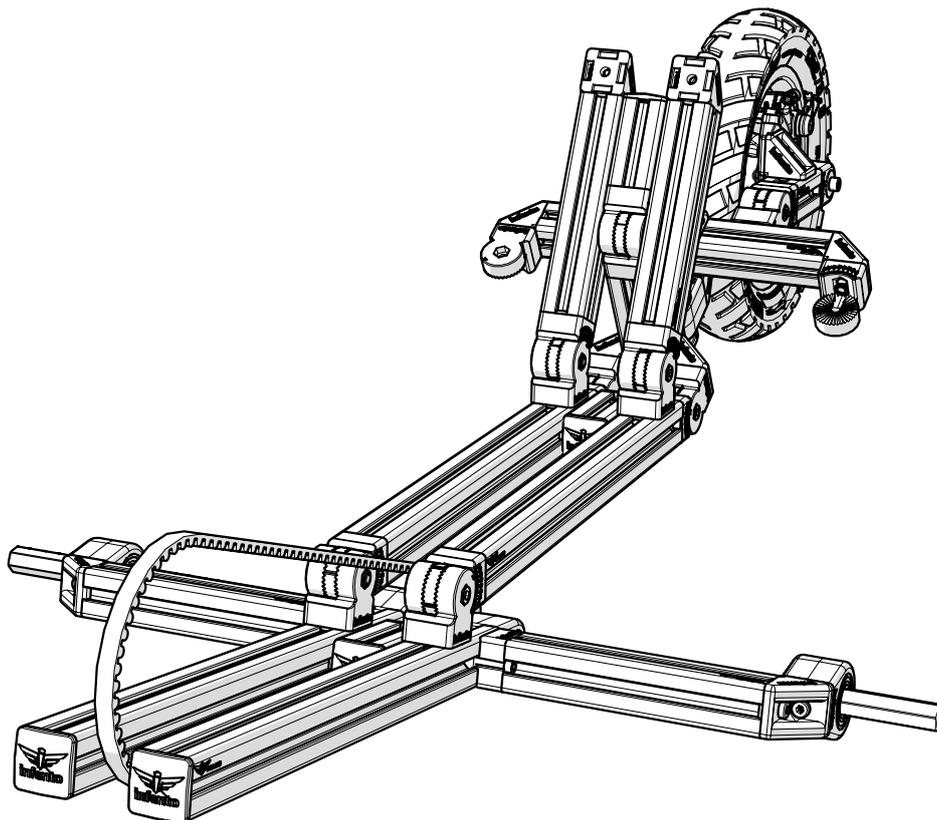
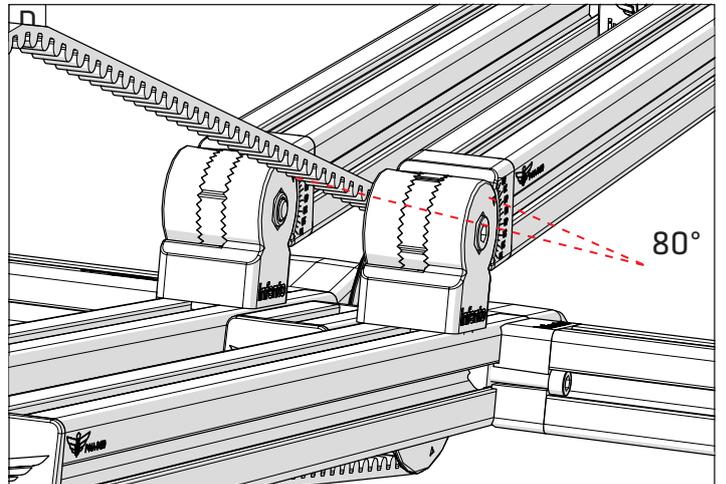
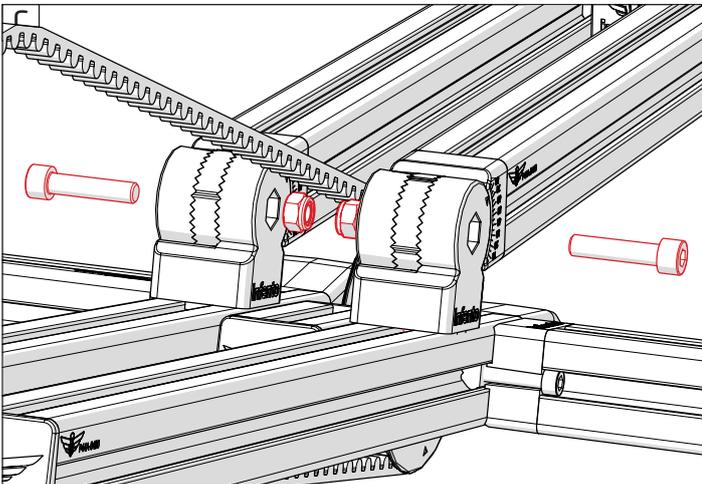
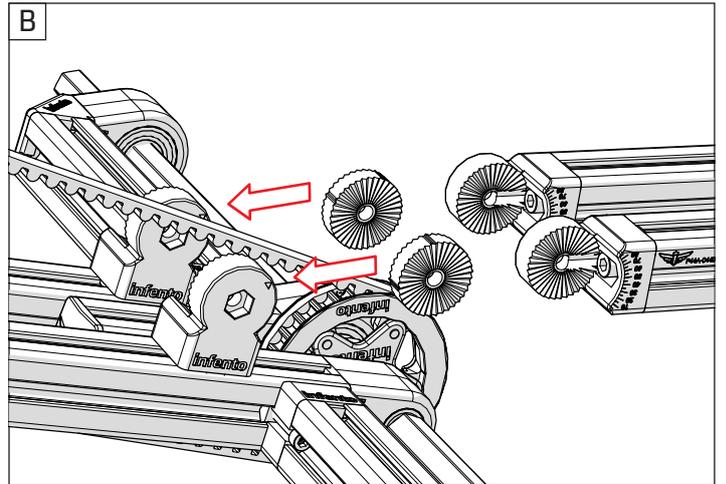
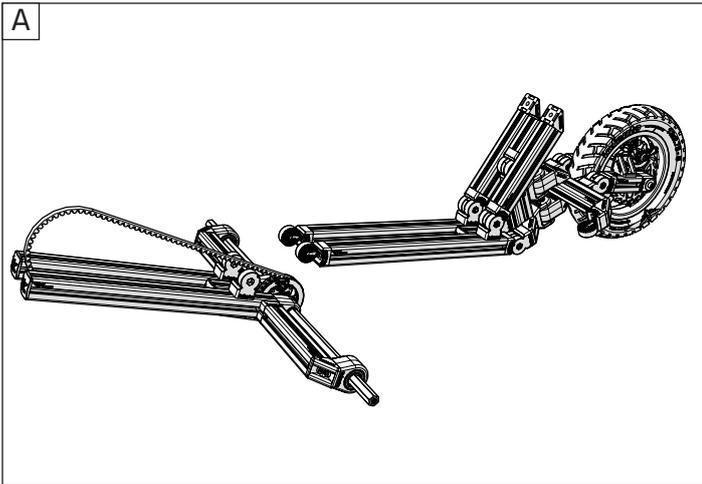
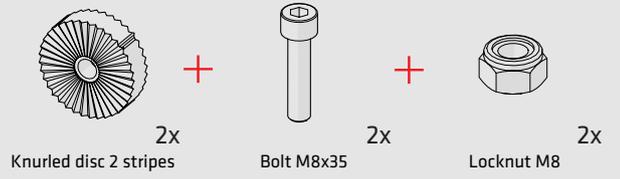
Toothed belt 118T





48

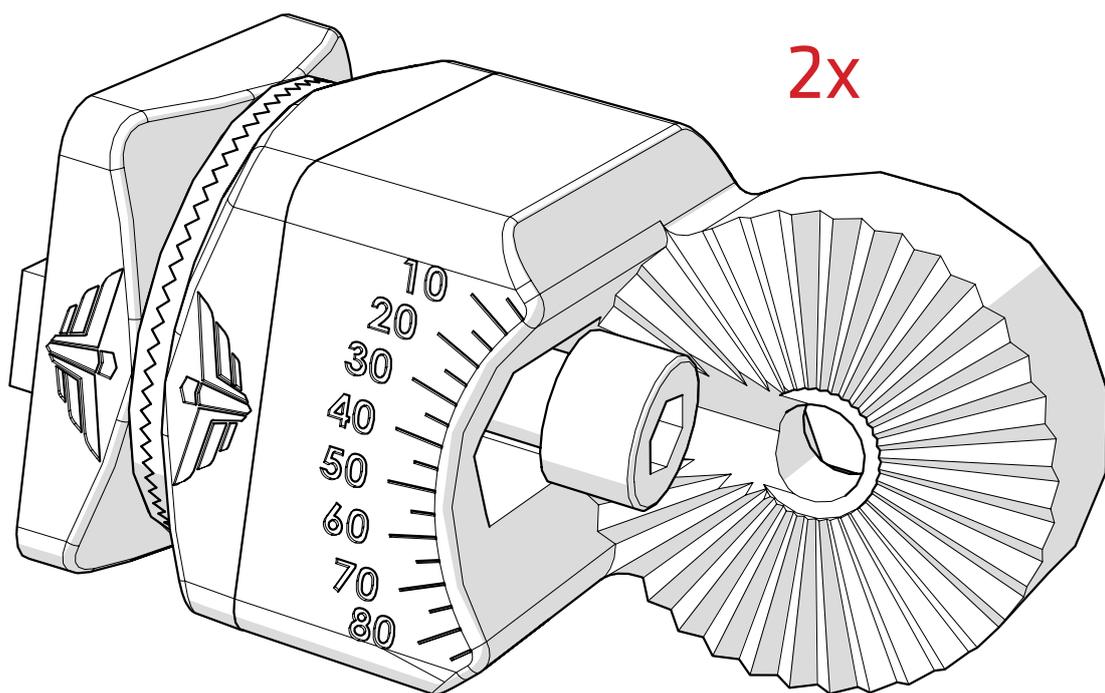
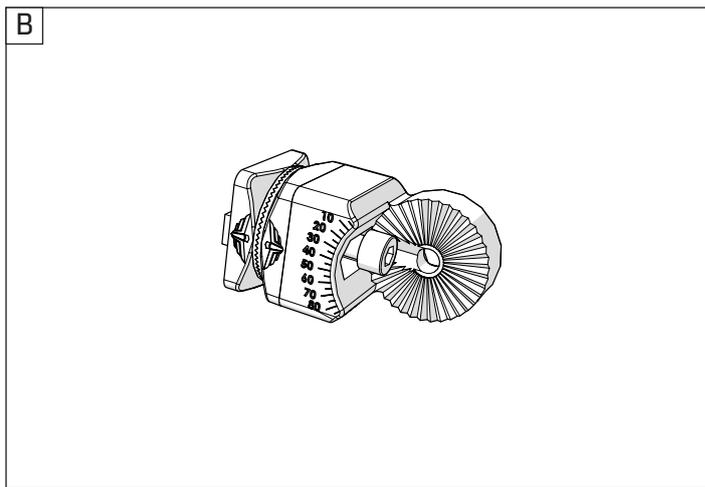
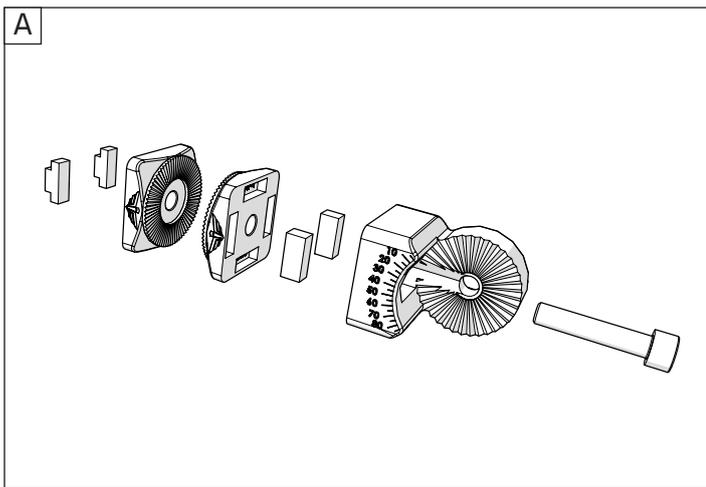
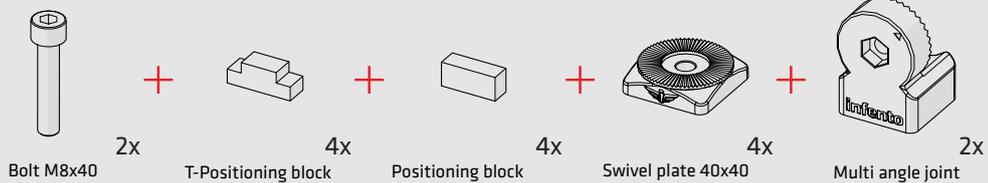
ride SWING





49

ride SWING



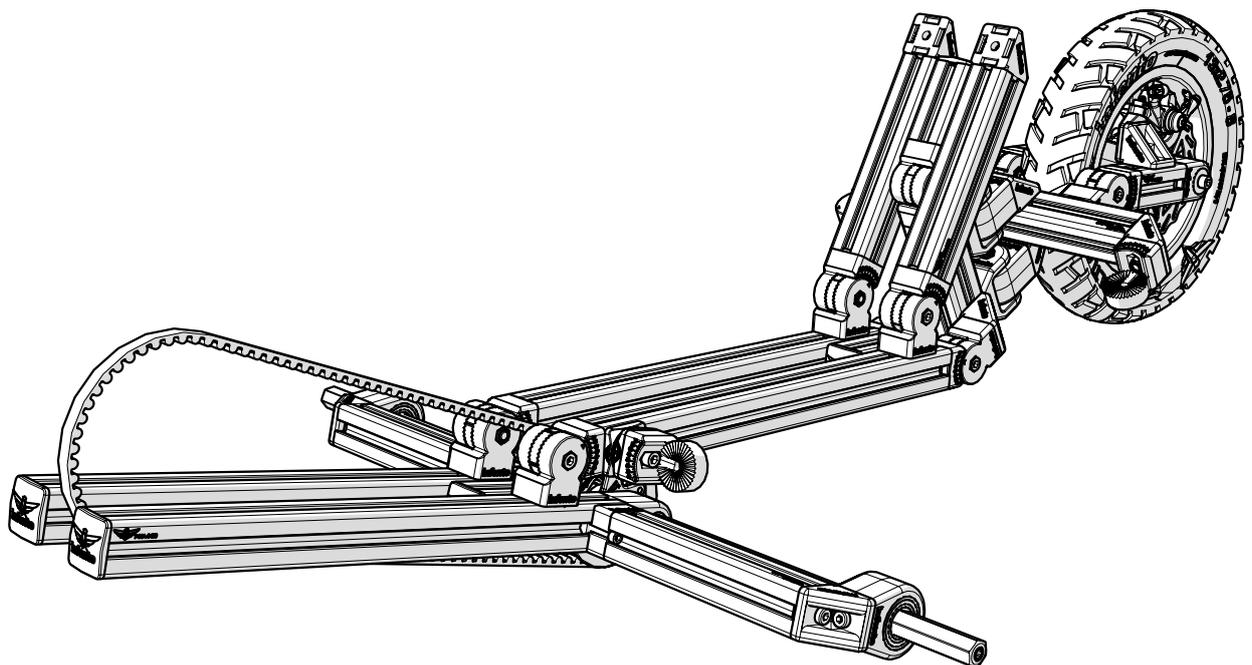
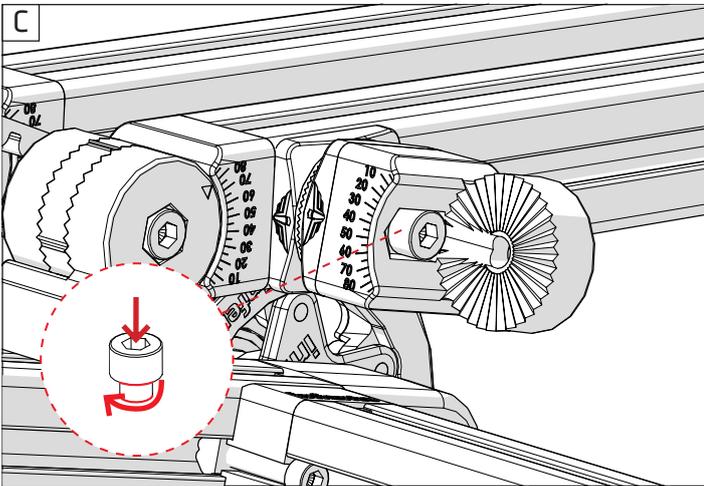
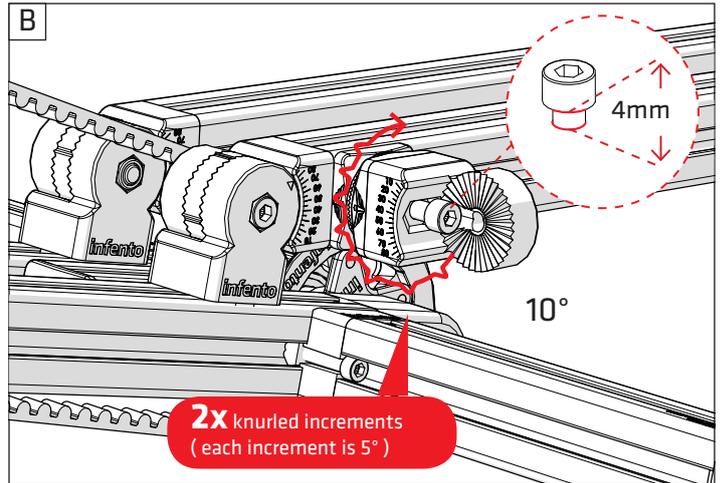
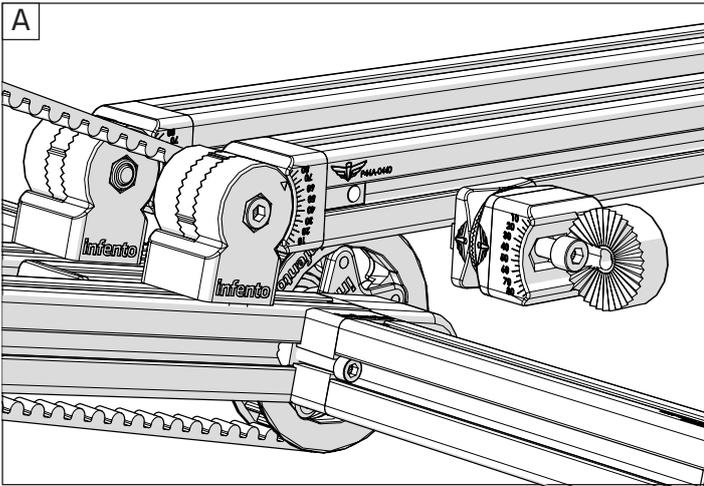


50

ride *SWING*



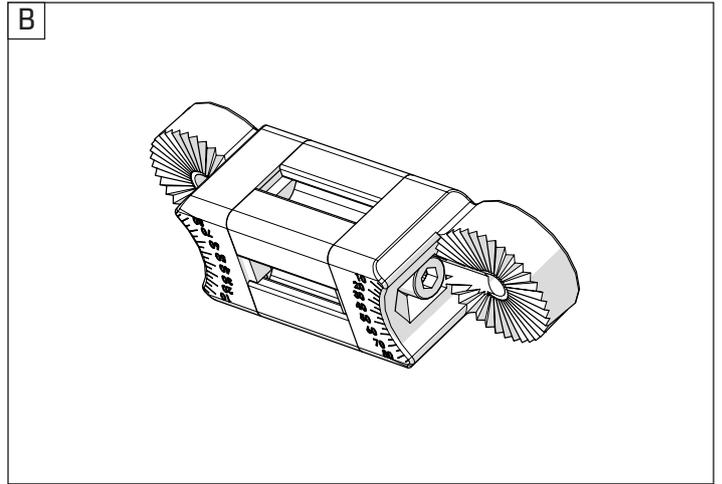
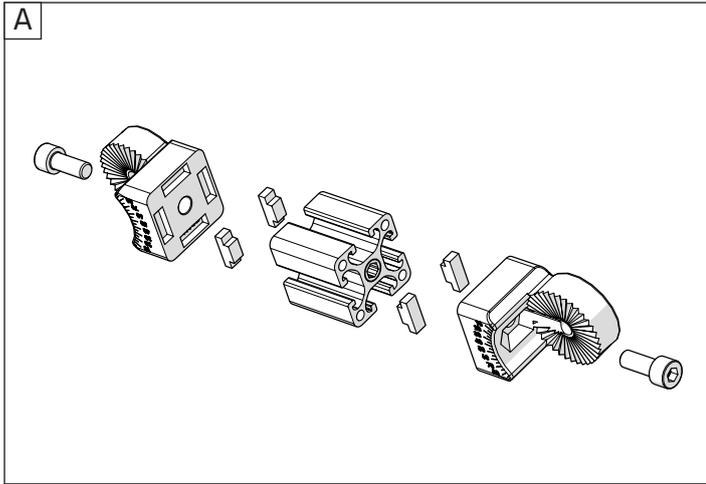
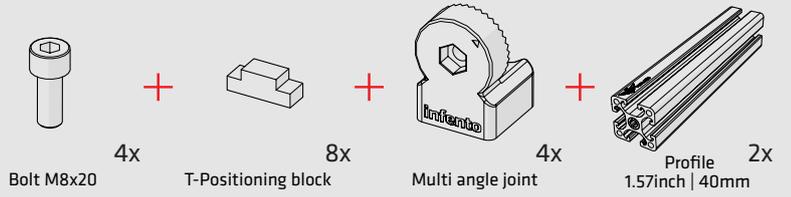
1x
Profile nut short



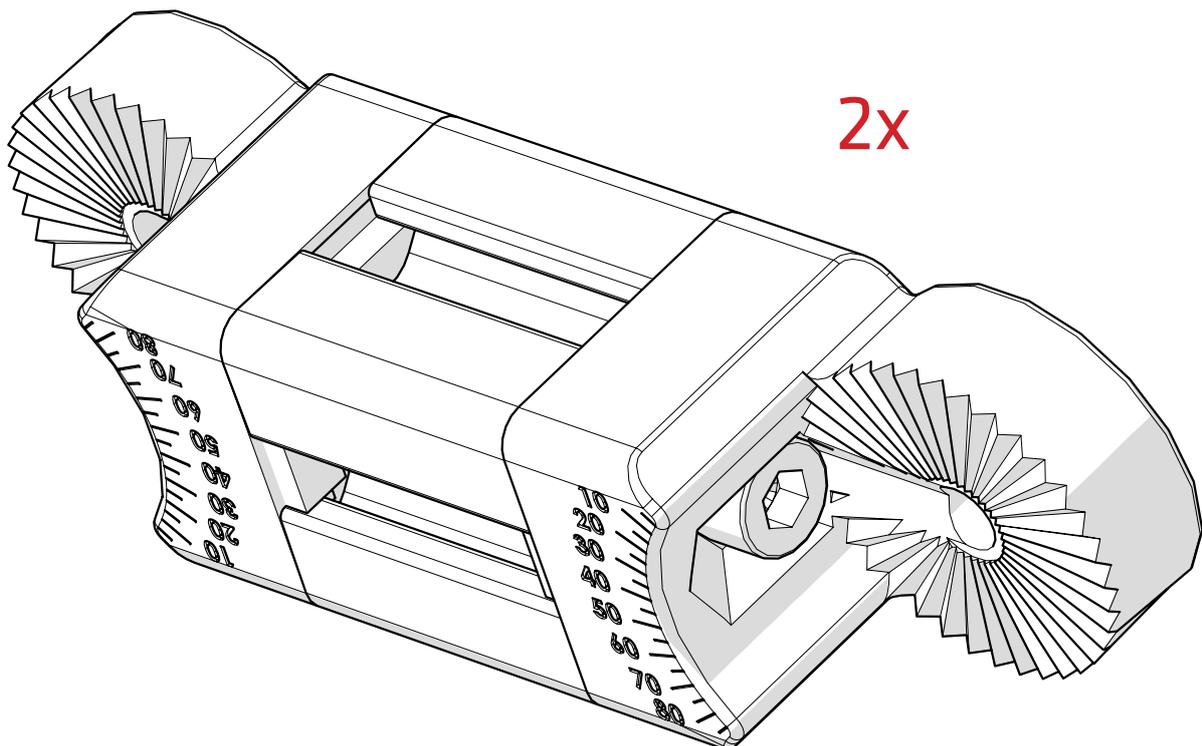


51

ride *SWING*



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.

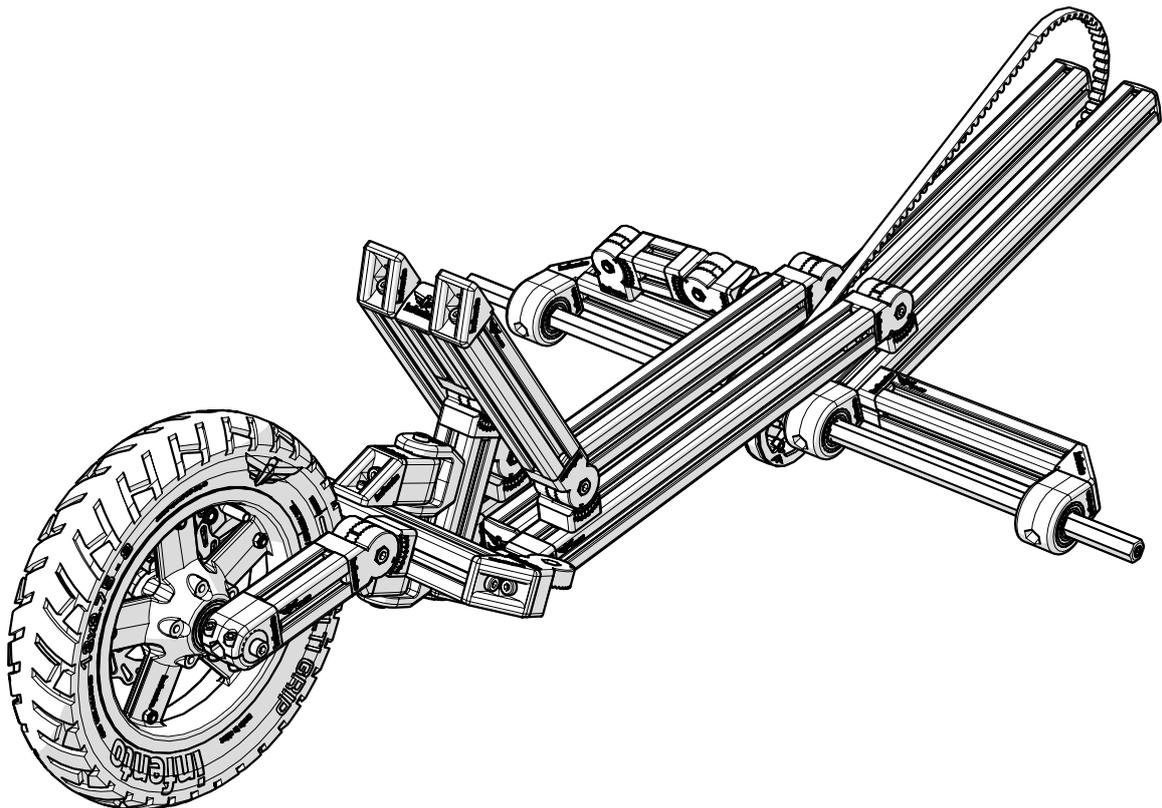
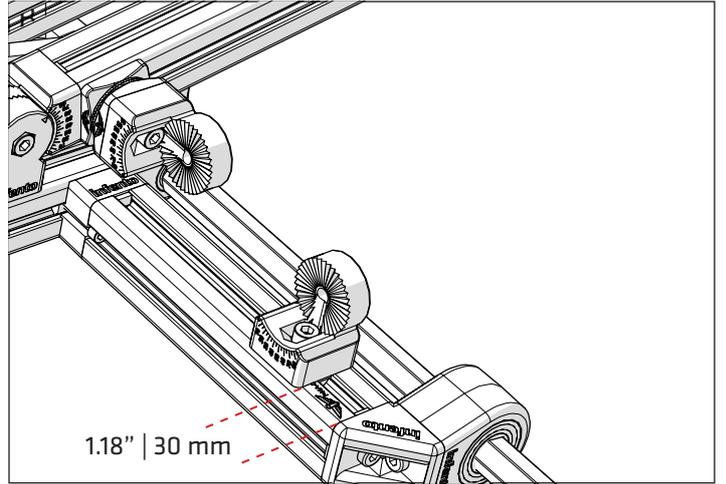
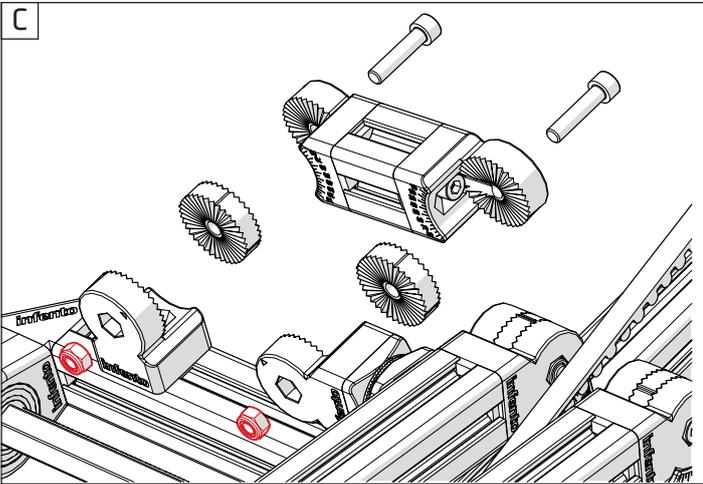
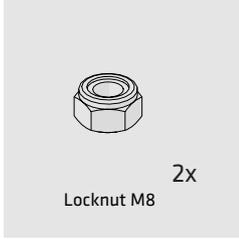
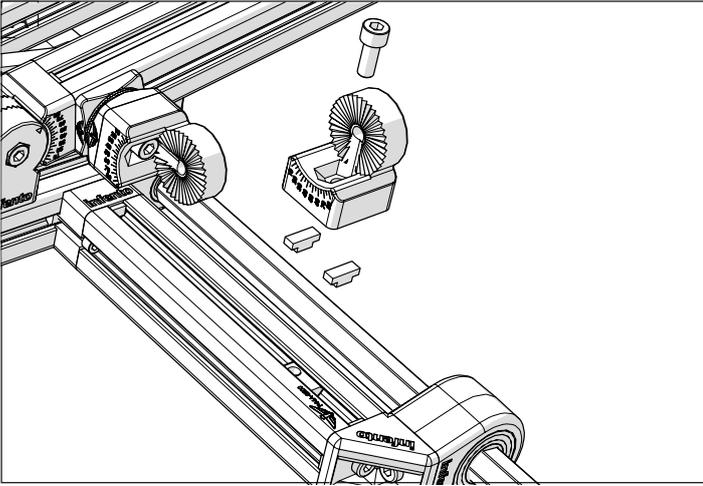




52

ride SWING

-  1x
-  2x
-  1x
-  1x
-  2x
-  2x



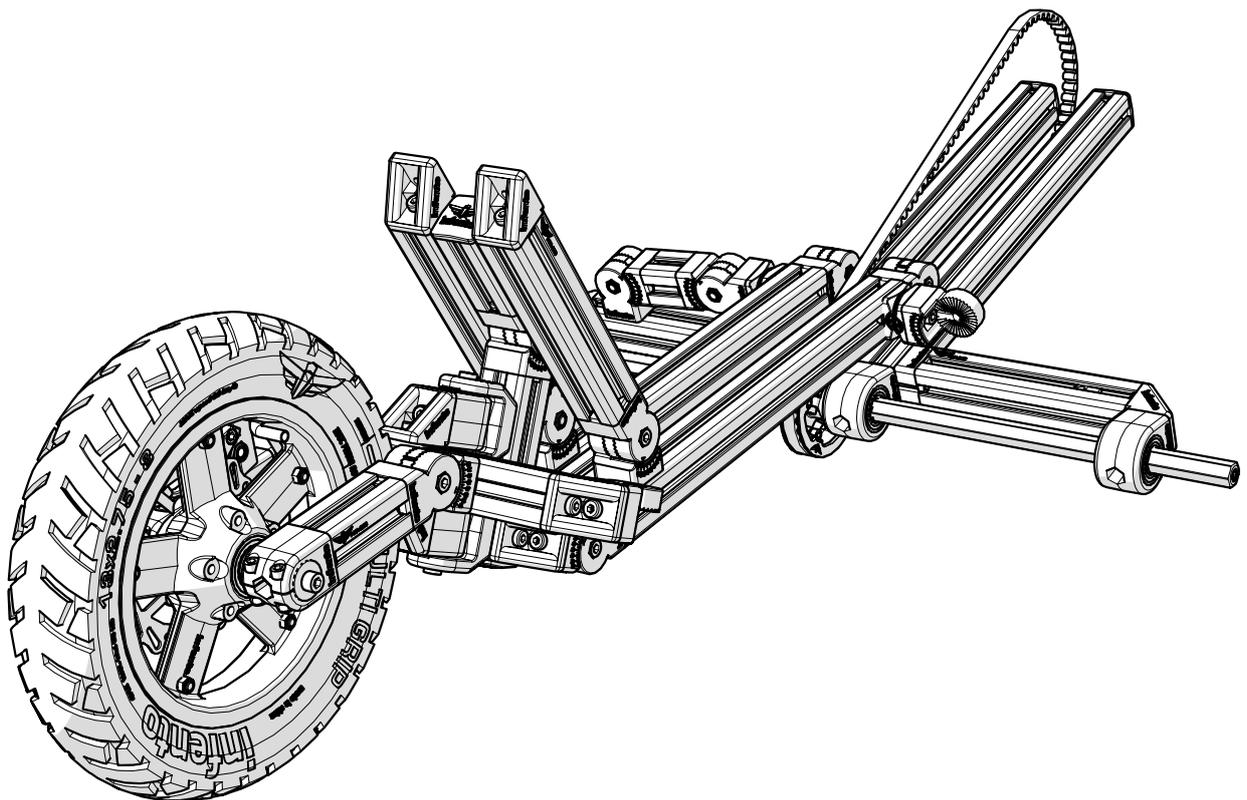
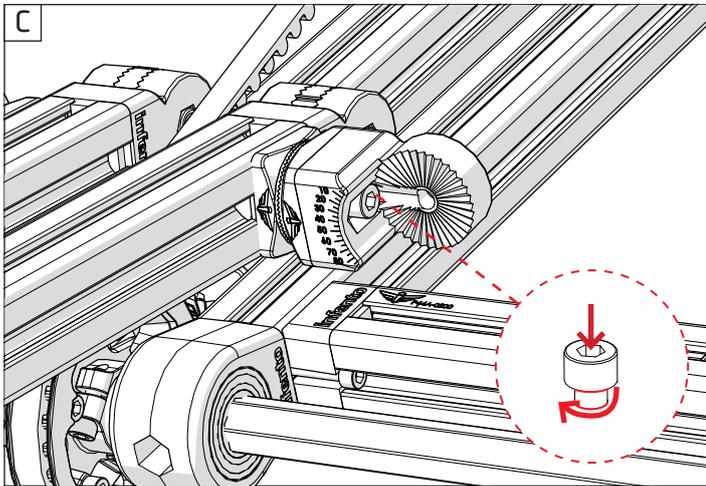
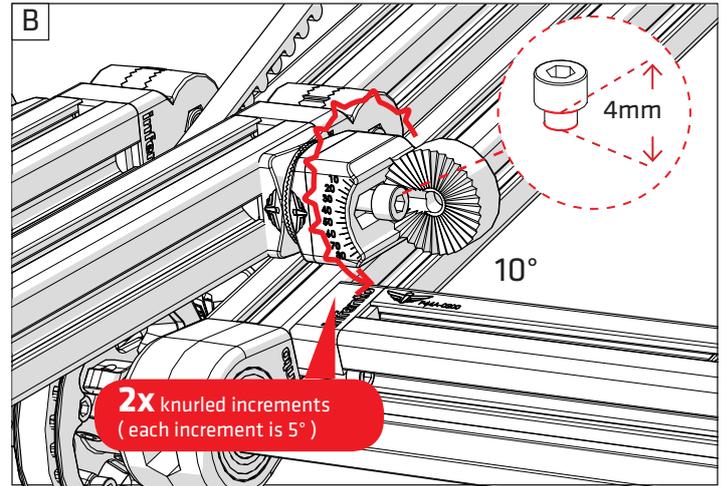
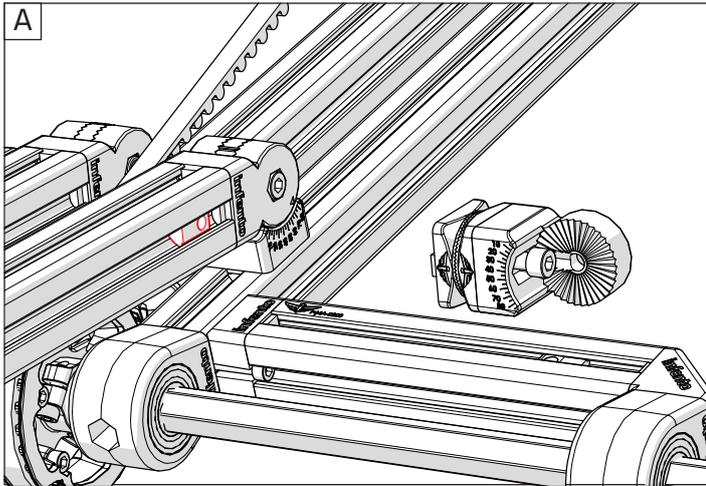


53

ride SWING



1x
Profile nut short





54

ride *SWING*

 1x
Bolt M8x20

+

 2x
T-Positioning block

+

 1x
Profile nut short

+

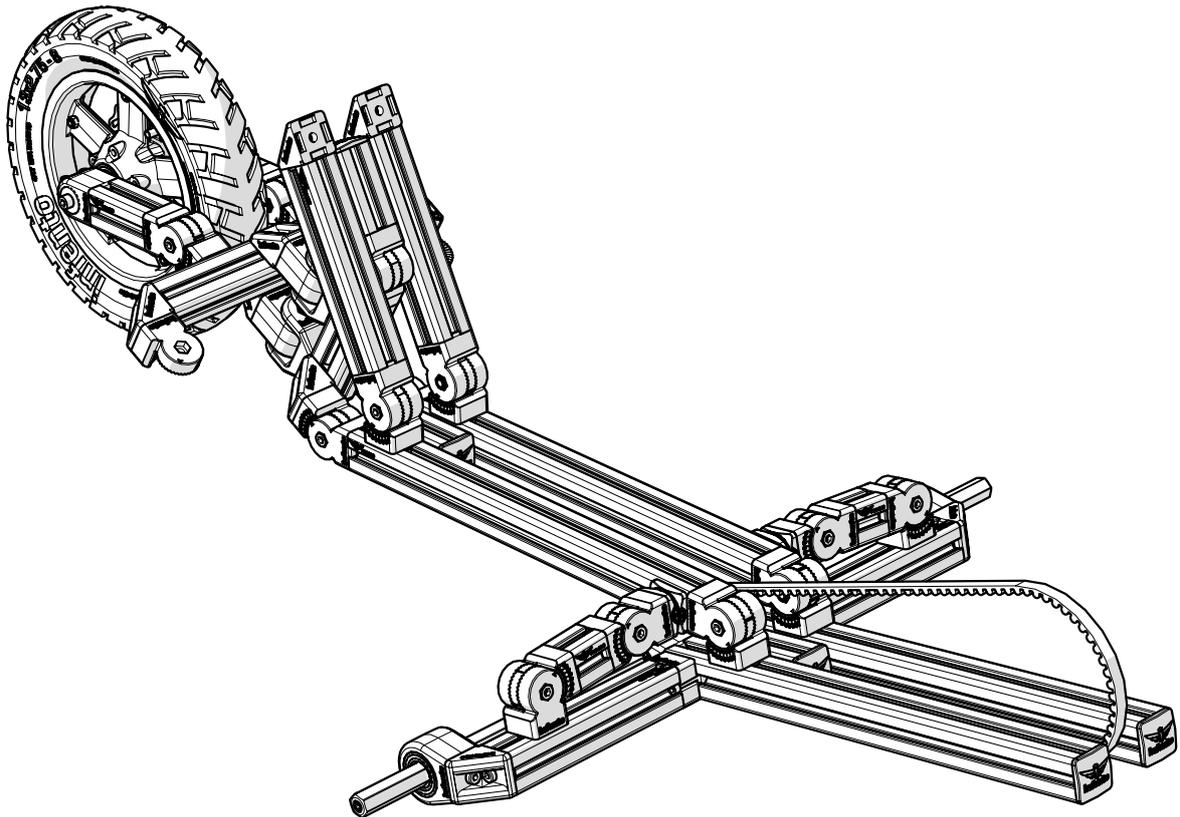
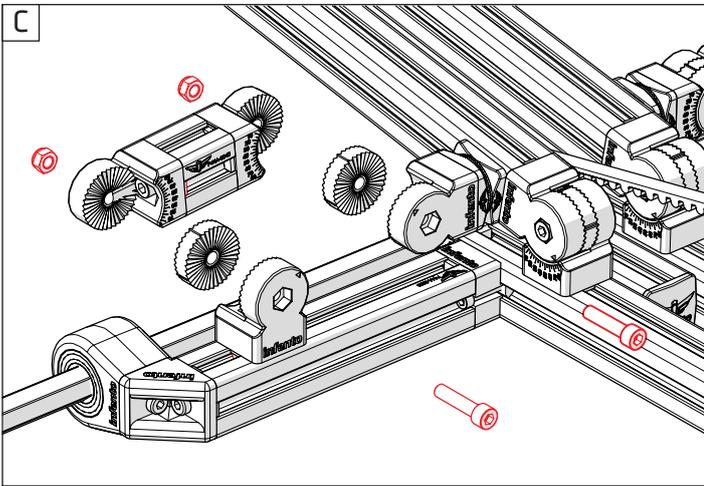
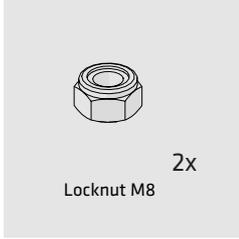
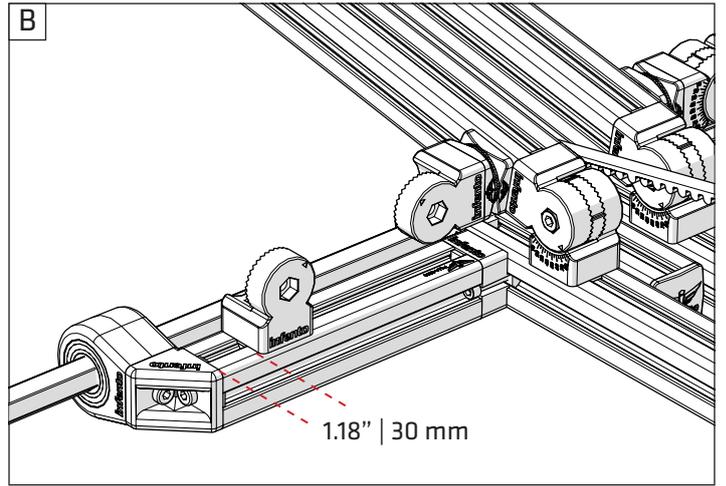
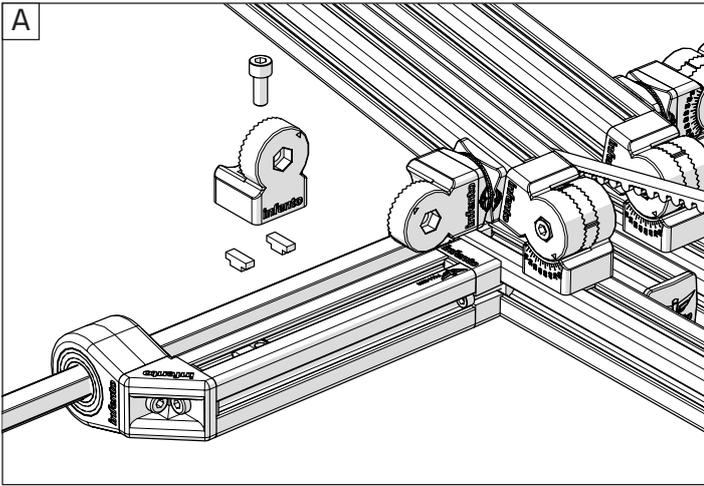
 1x
Multi angle joint

+

 2x
Bolt M8x35

+

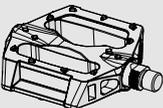
 2x
Knurled disc 1 stripe

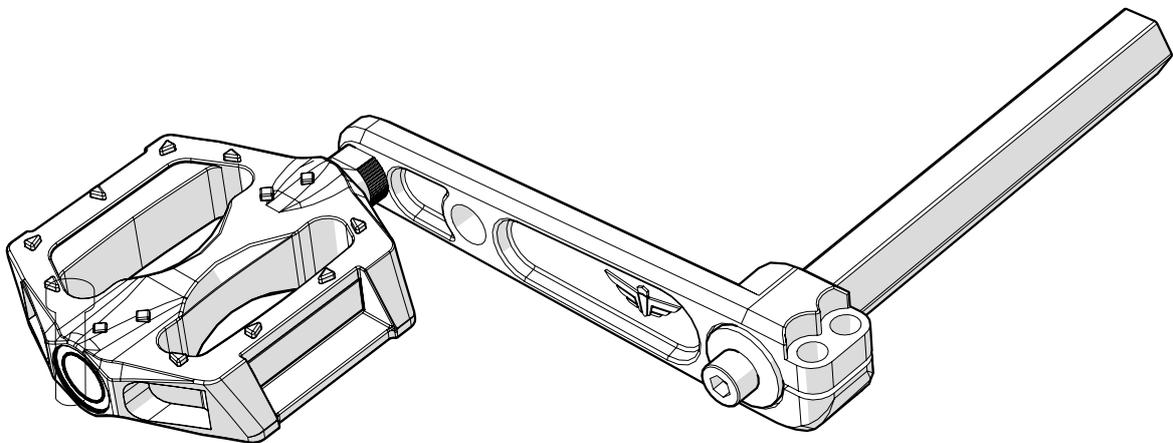
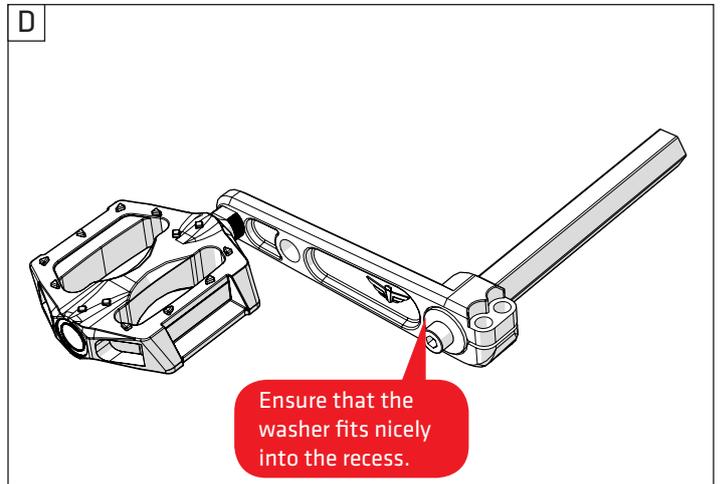
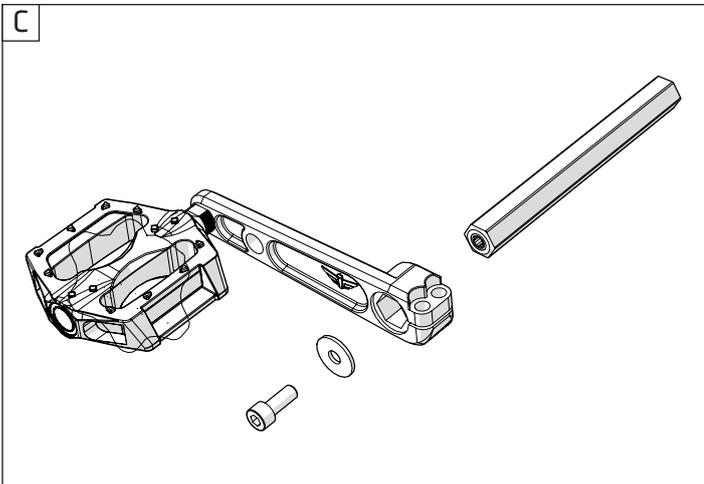
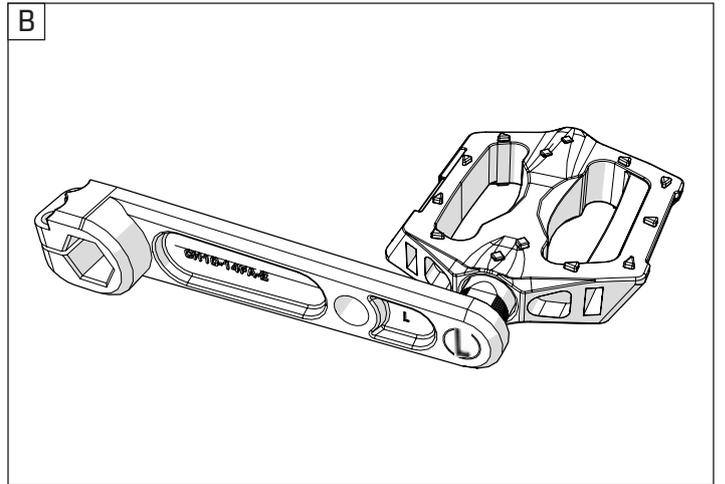
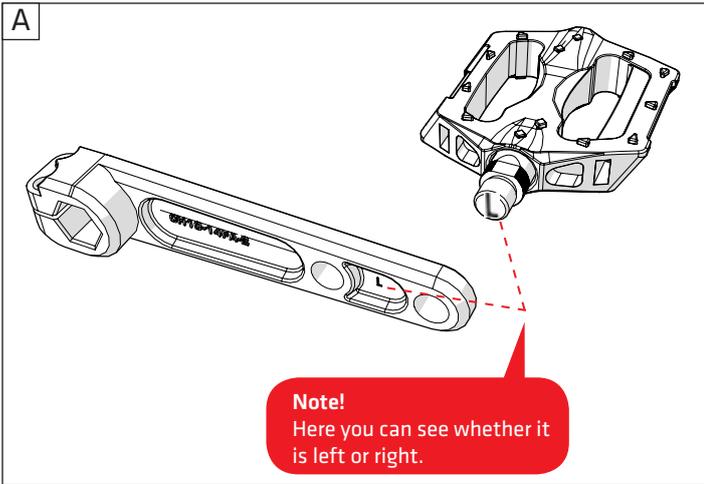




55

ride SWING

-  1x
-  1x
-  1x
-  1x
-  1x





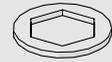
56

ride SWING



2x

Bolt M8x20



Spacer
0.08inch | 2 mm

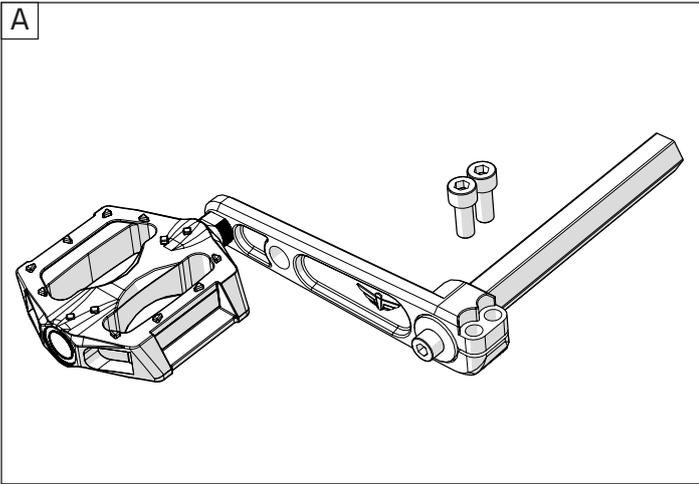


1x

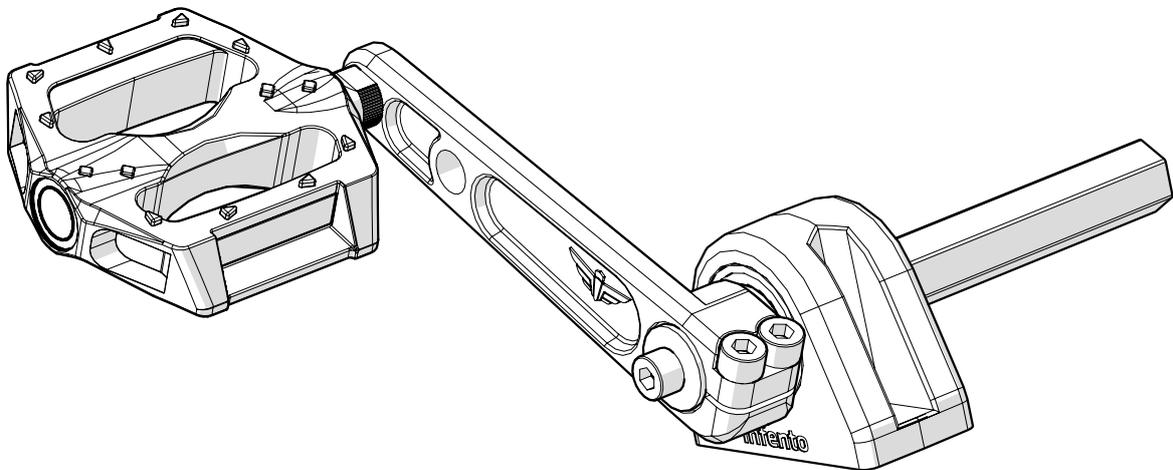
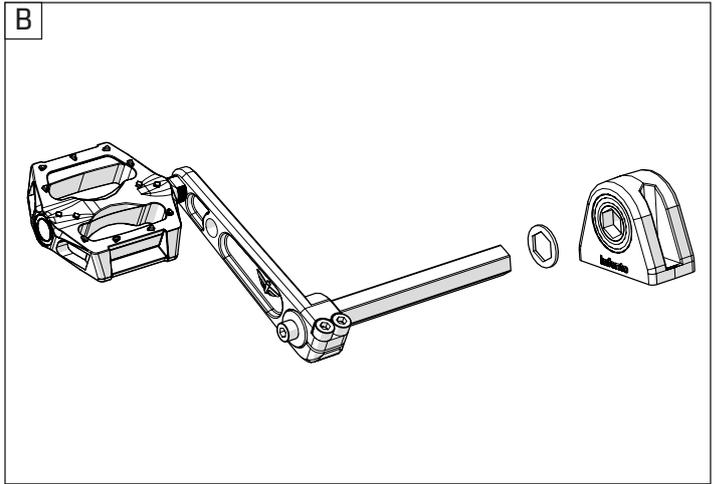
Bearingblock
40x80_hexa 19

1x

A



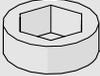
B

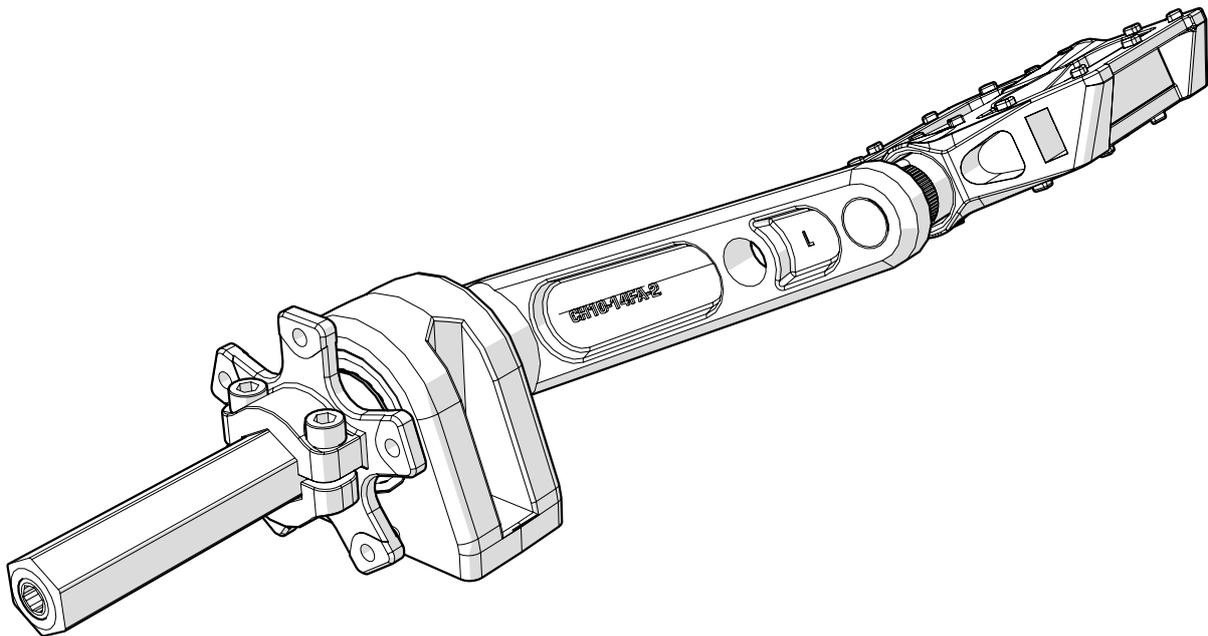
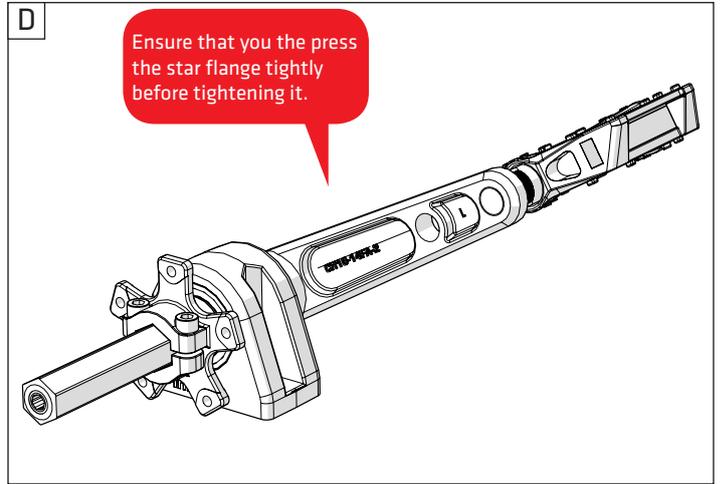
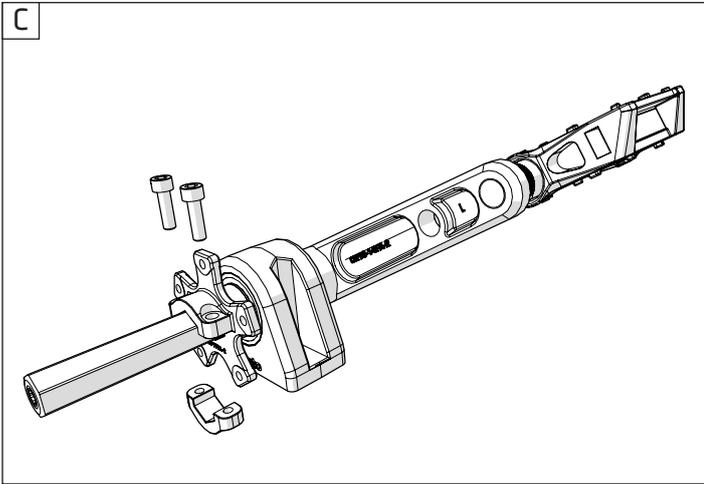
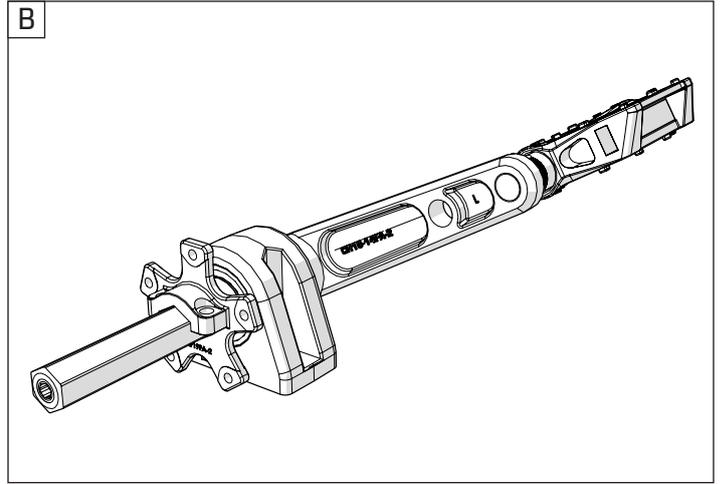
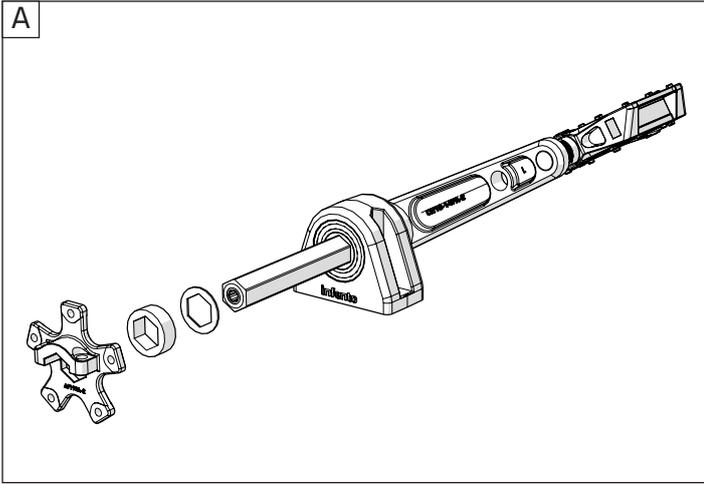




57

ride *SWING*

- 
Bolt M6x20 2x
- +
- 
Spacer 0.04inch | 1 mm 1x
- +
- 
Spacer 0.39inch | 10mm 1x
- +
- 
Clamping part holes with M6 thread 1x
- +
- 
Axle flange 1x





58

ride SWING



Bolt M6x12

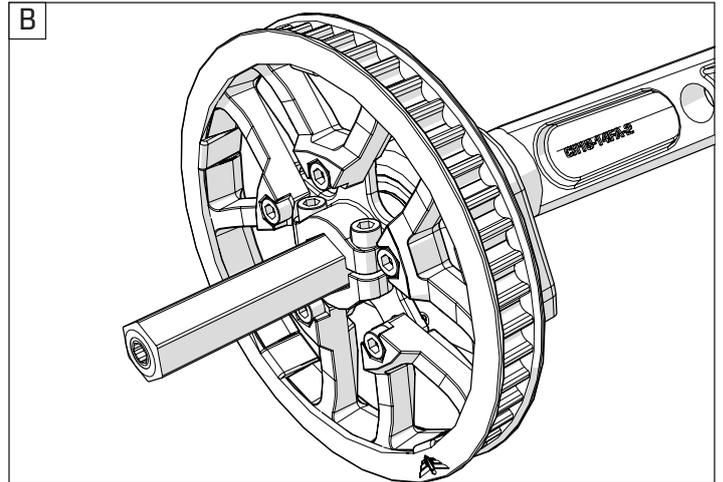
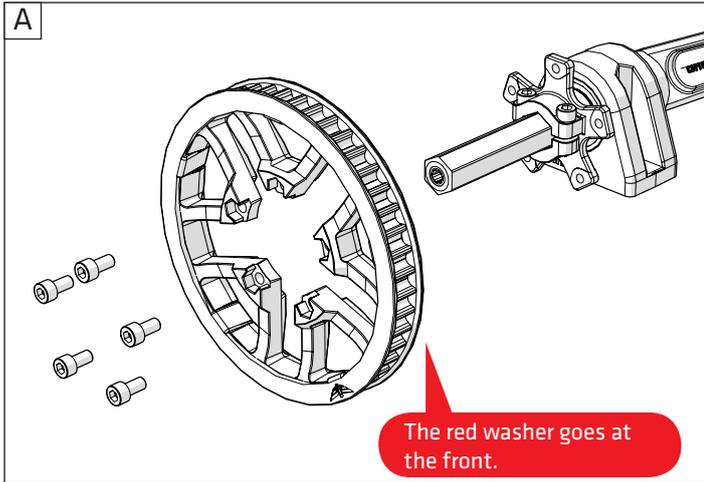


5x

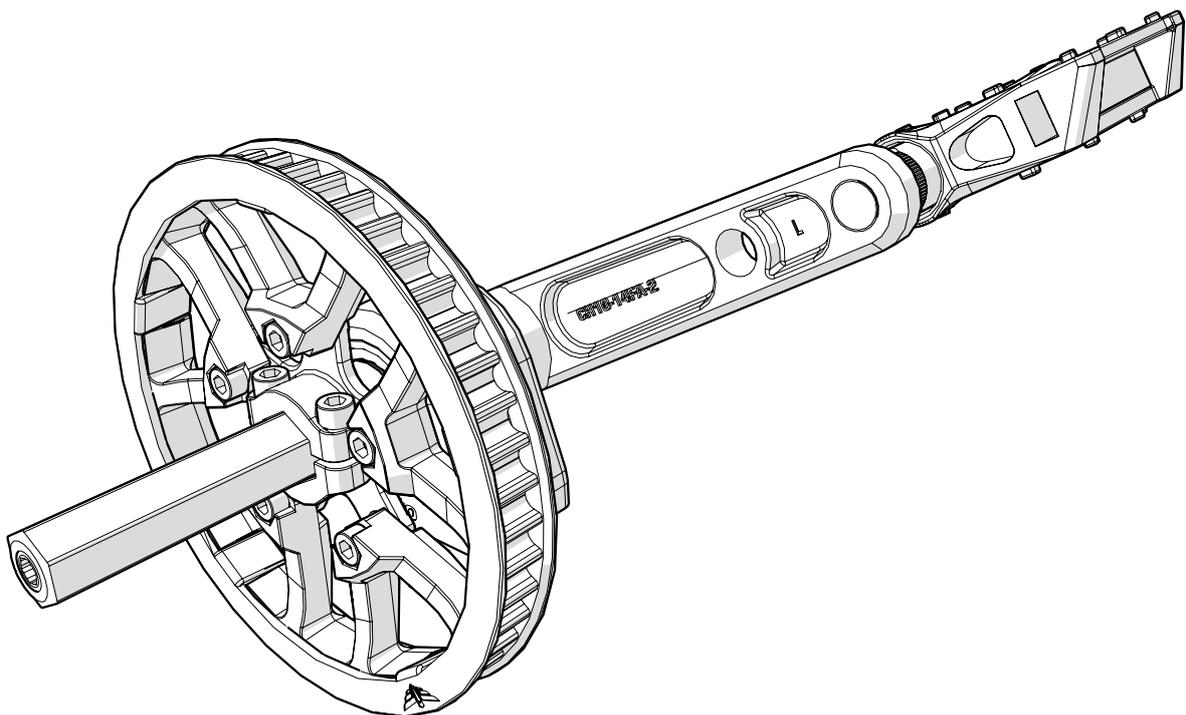


Toothed belt pulley 46T

1x



Fibreglass is processed in all plastic parts. This means the parts are much more resistant to the pressure induced by the bolts. Do you know how to test whether fibreglass has been mixed with plastic? If you pass your teeth over the surface it will feel a bit like sandpaper.





59

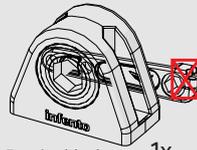
ride SWING



Spacer 1x
0.08inch | 2 mm



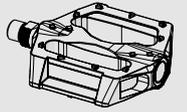
Spacer 1x
0.39inch | 10mm



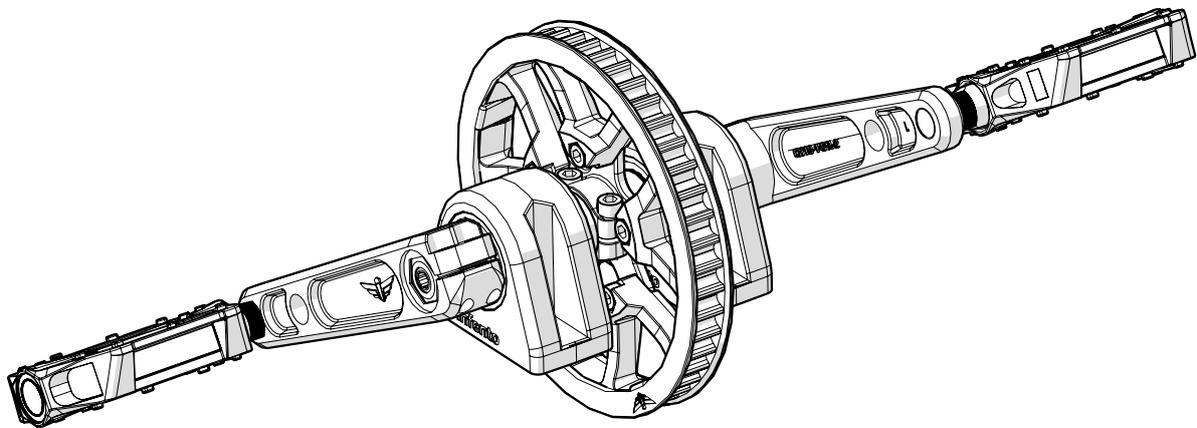
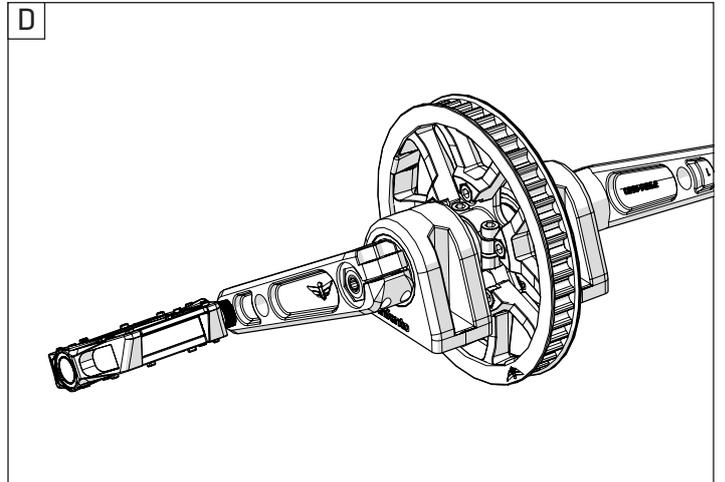
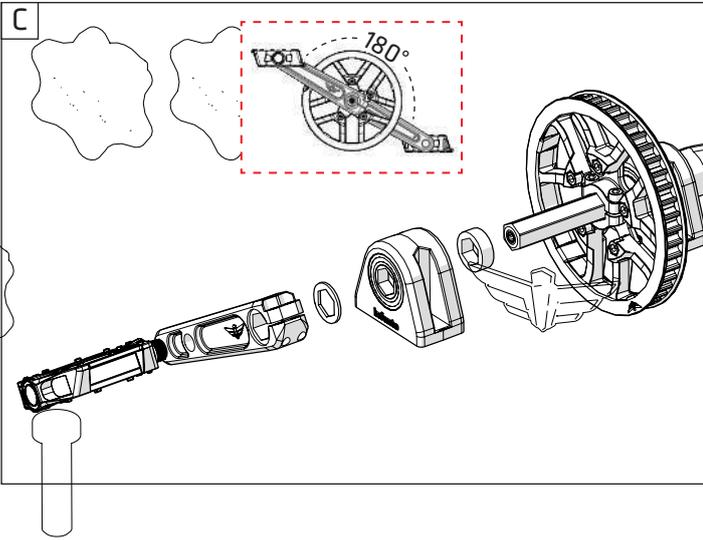
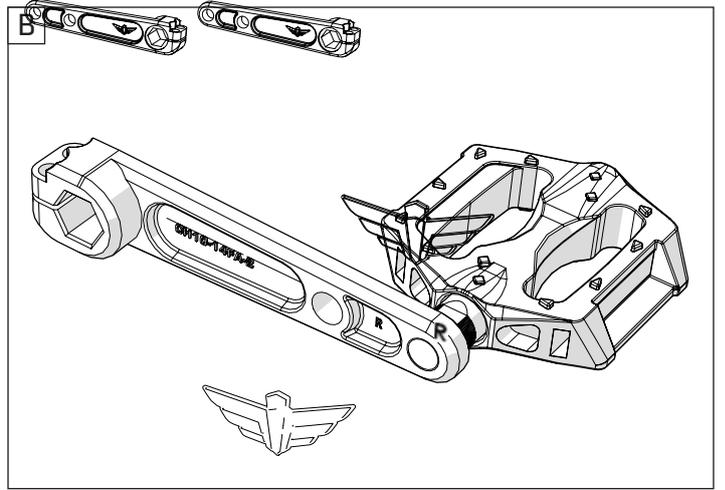
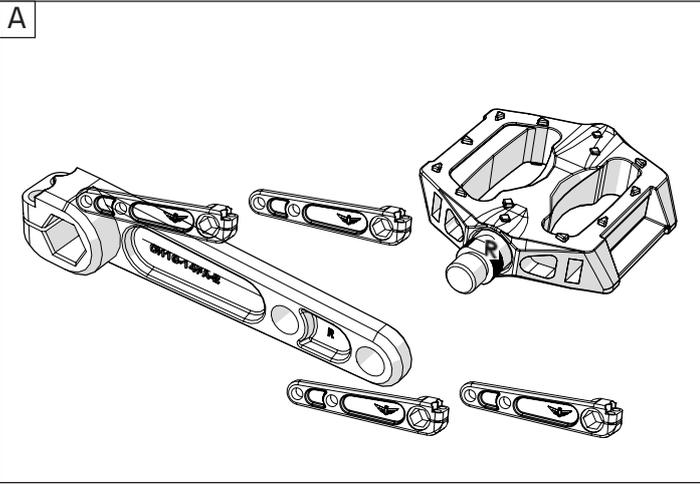
Bearingblock 1x
40x80_hexa 19



Crank small right 1x



Pedal right 1x





60

ride *SWING*



+

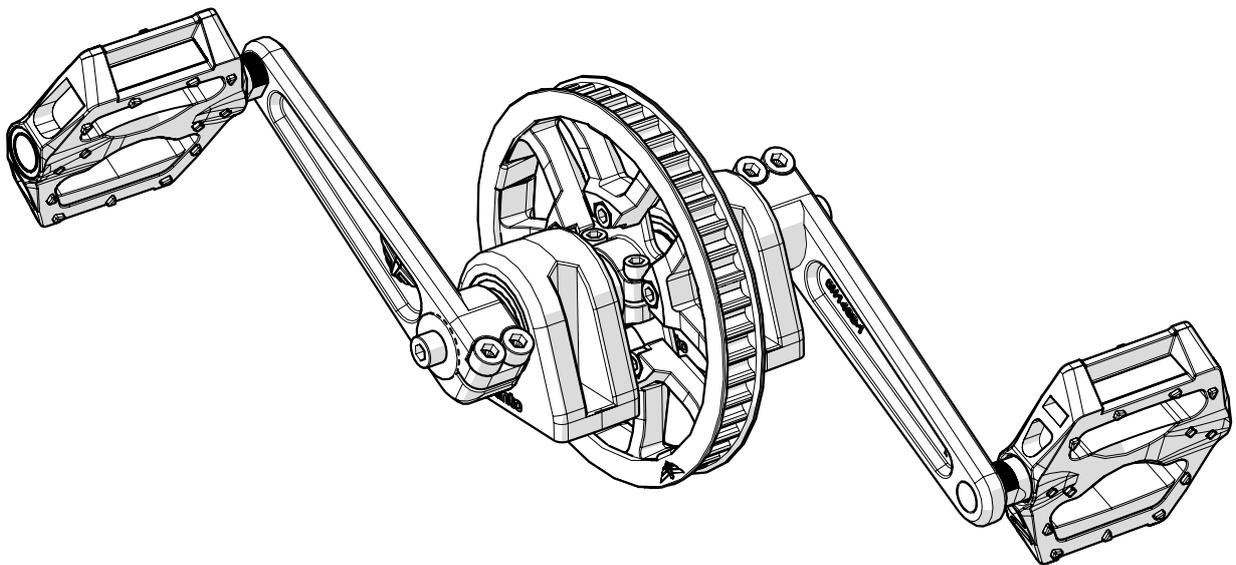
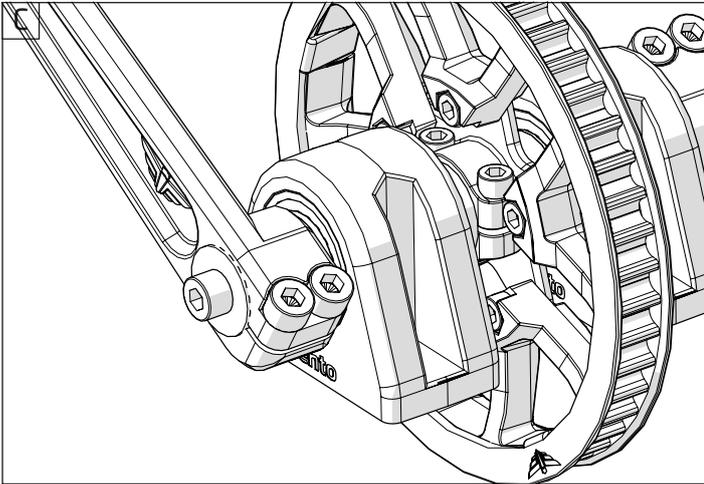
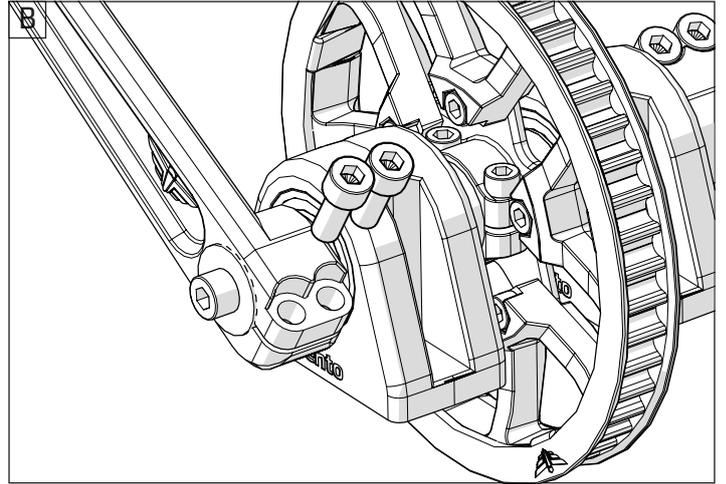
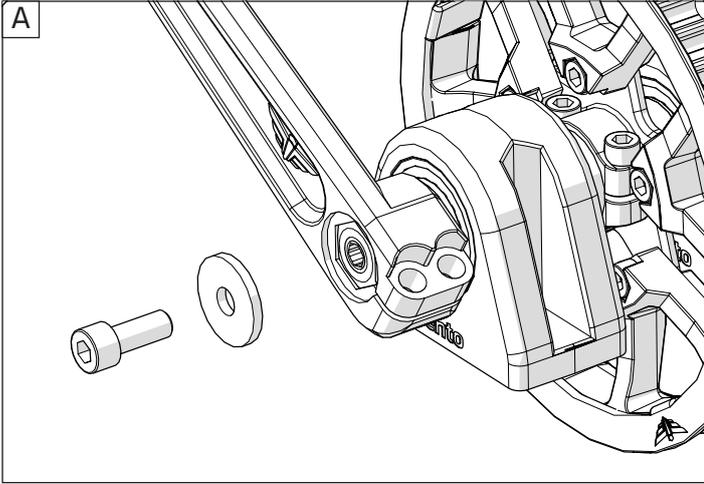


Bolt M8x20

3x

Washer M8-24

1x



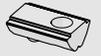


61

ride *SWING*



+

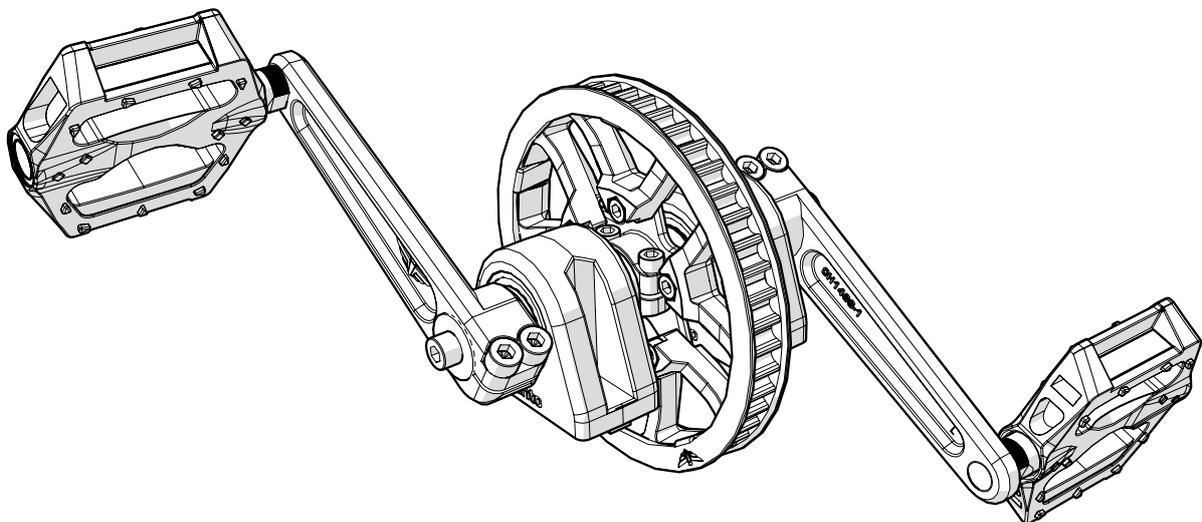
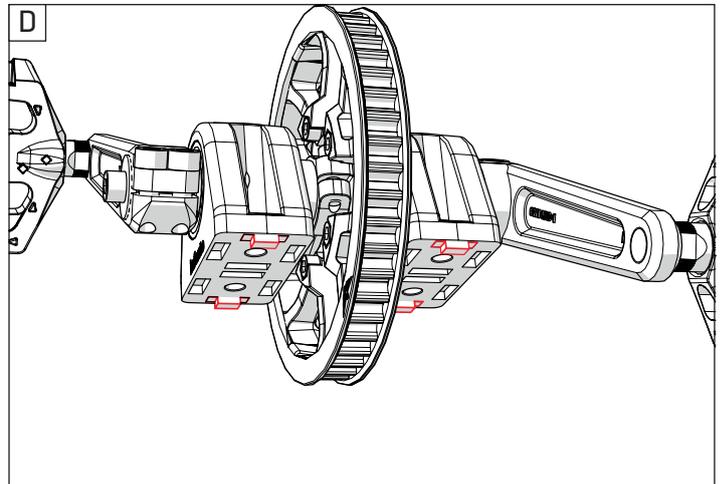
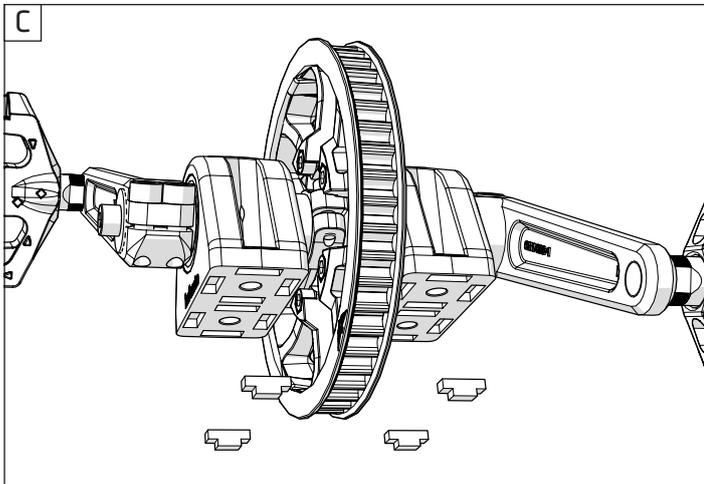
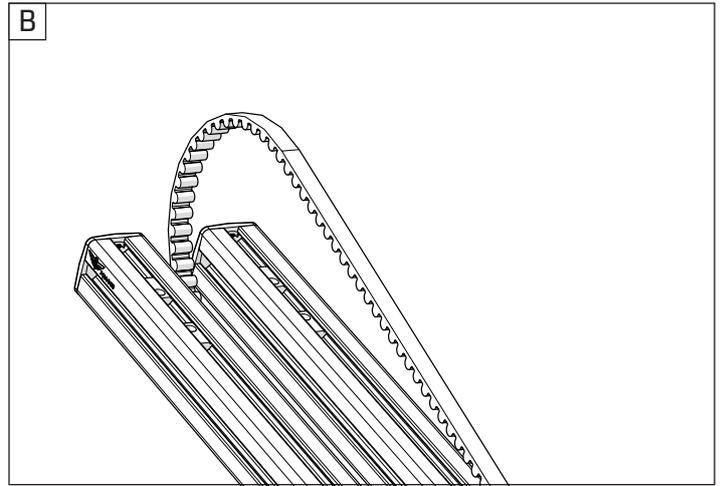
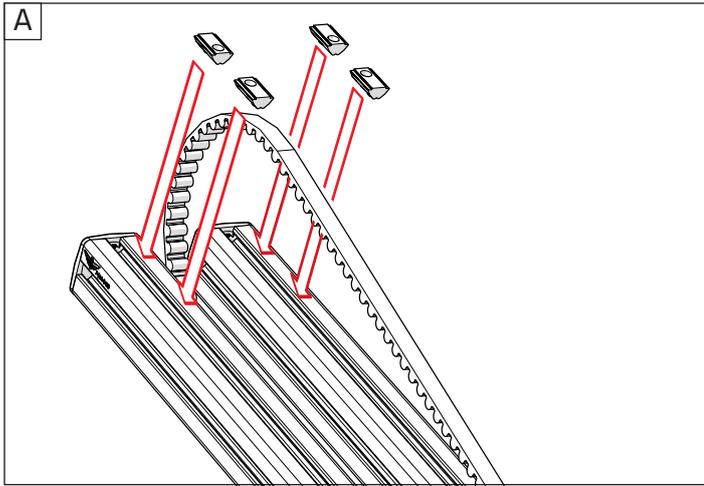


4x

T-Positioning block

4x

Profile nut short



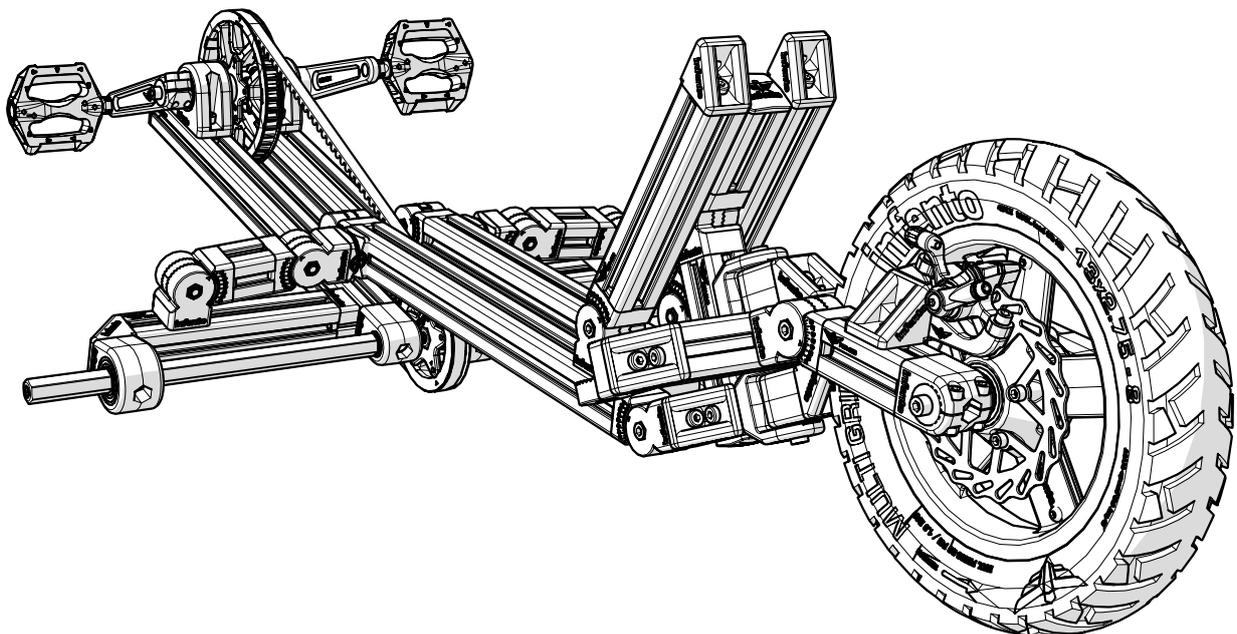
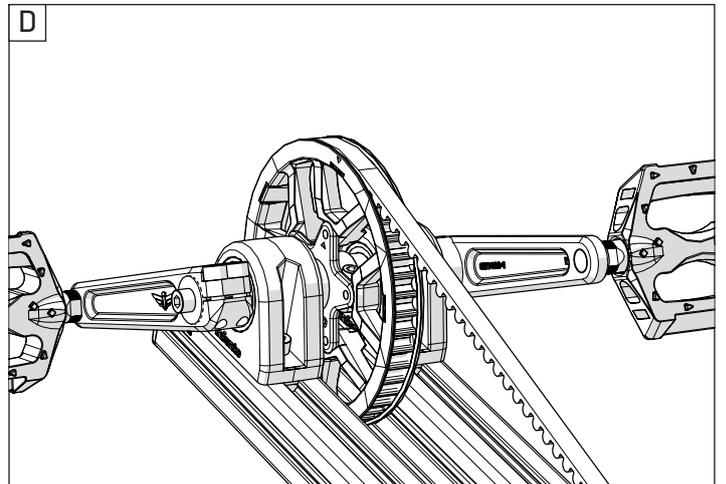
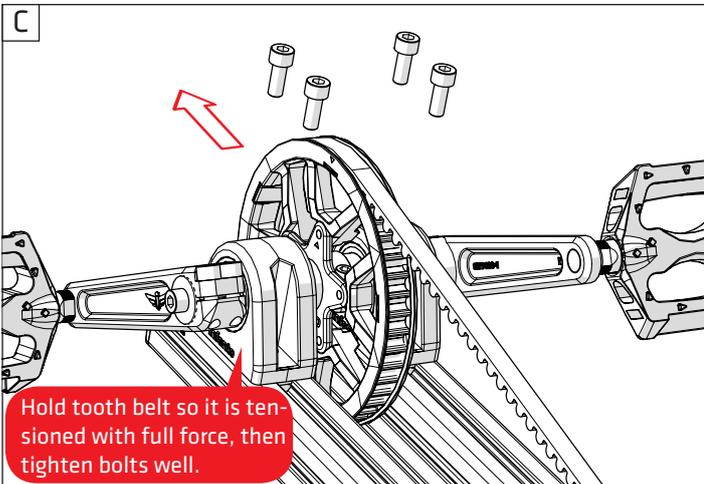
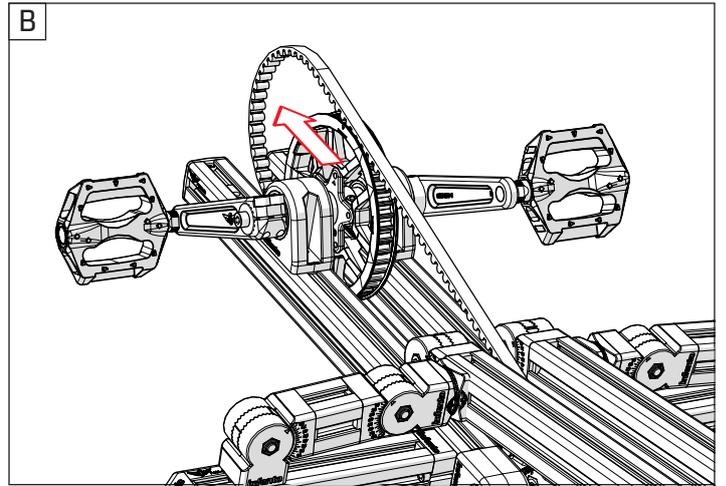
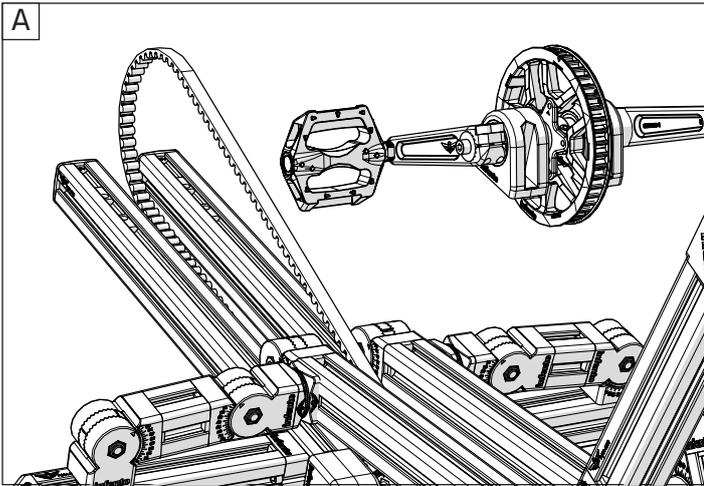


62

ride SWING



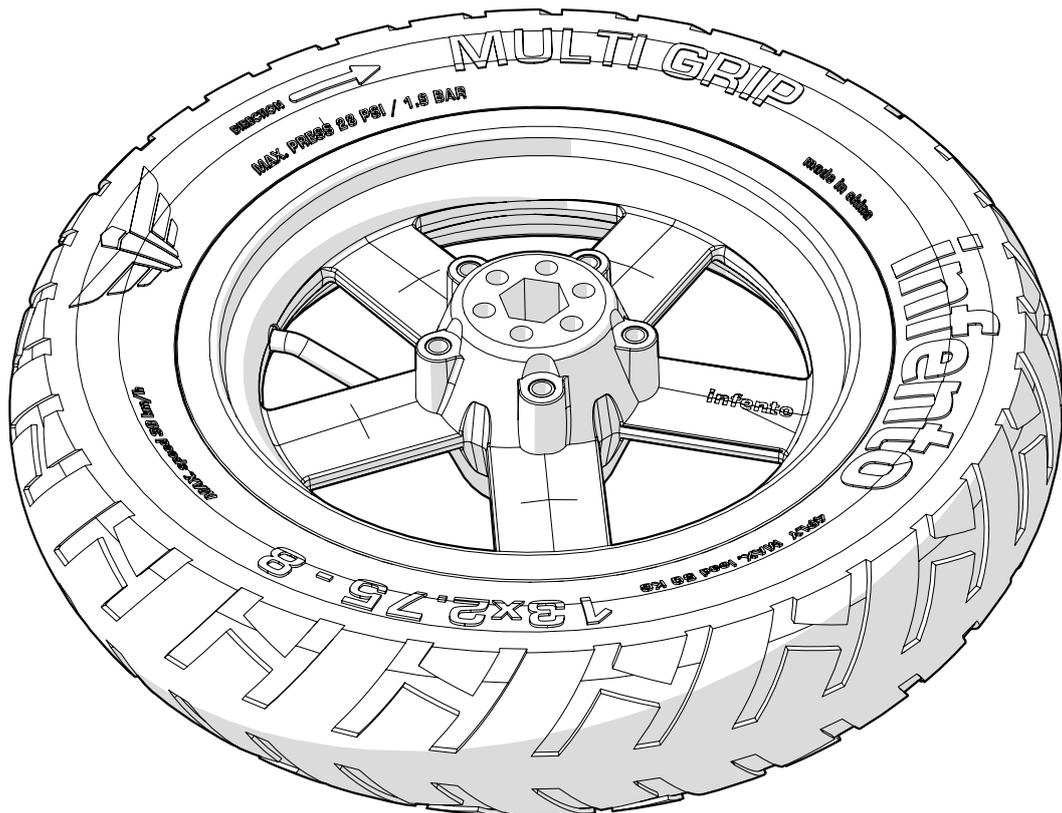
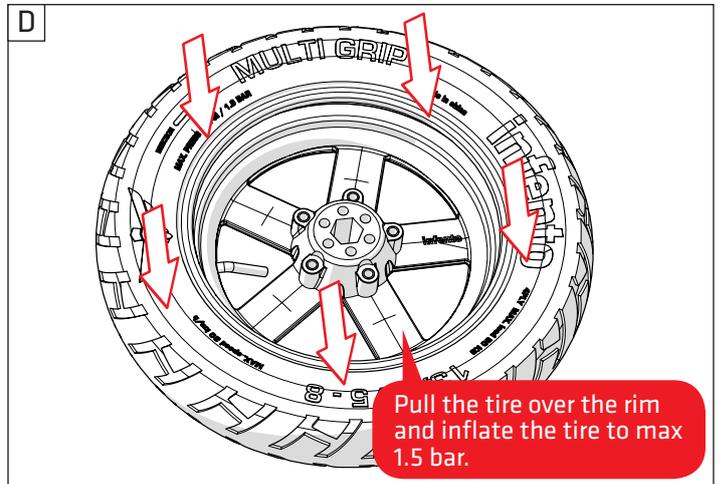
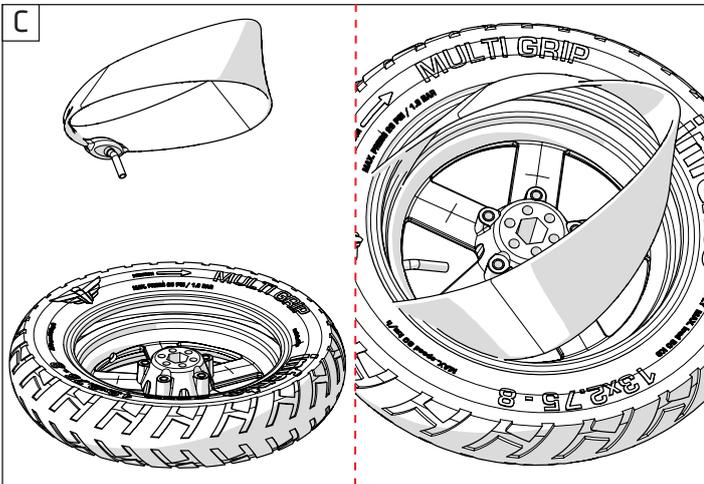
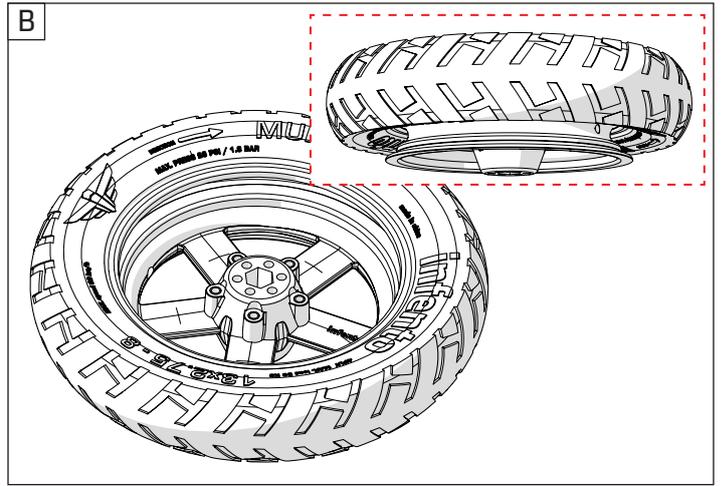
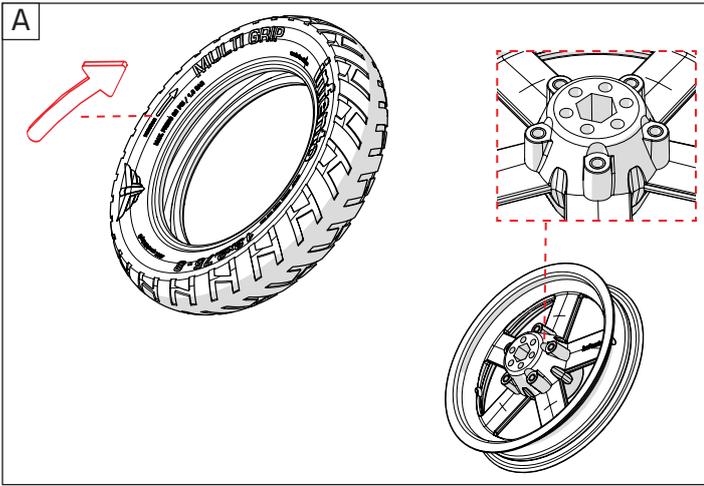
4x
Bolt M8x20





63

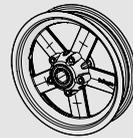
ride SWING



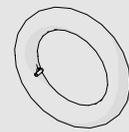


64

ride SWING



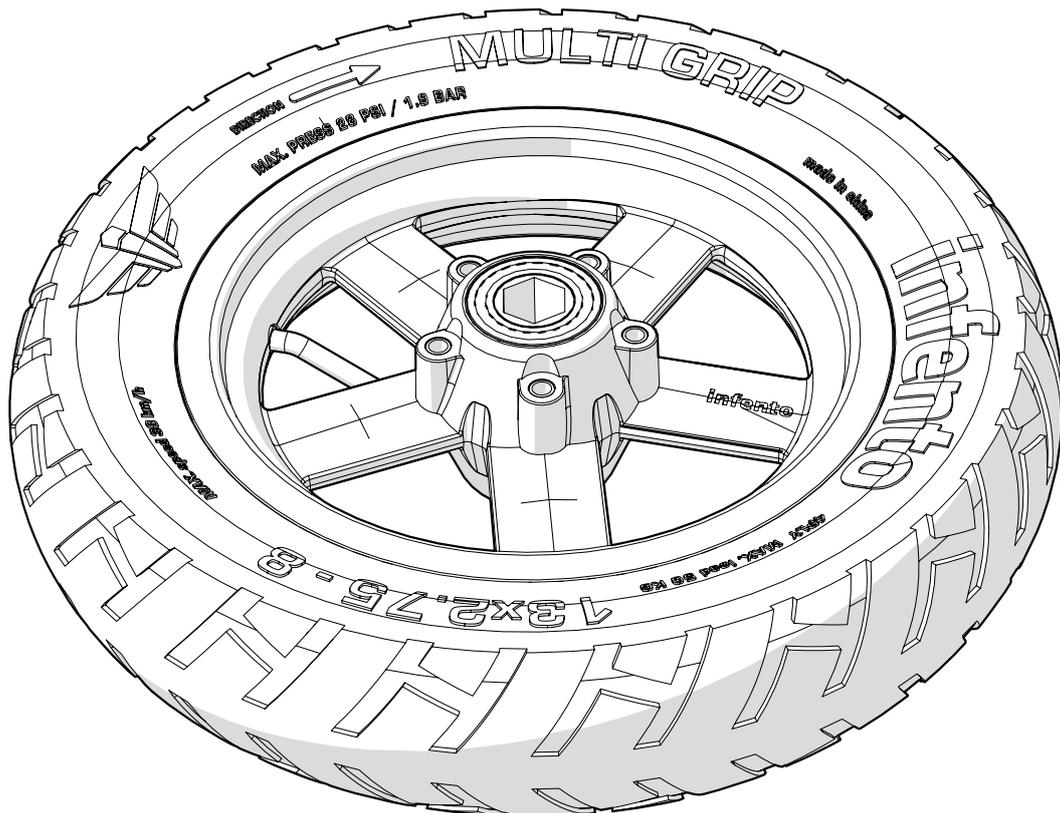
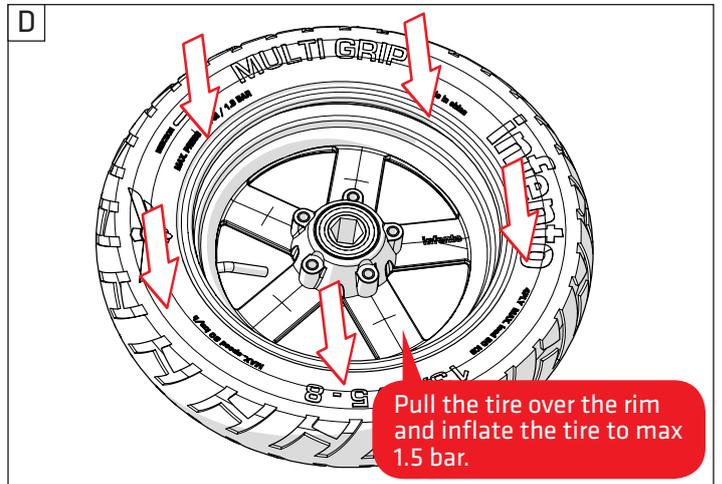
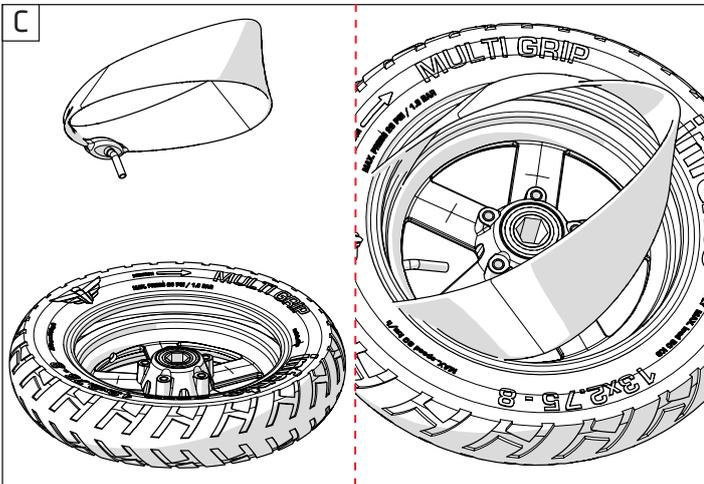
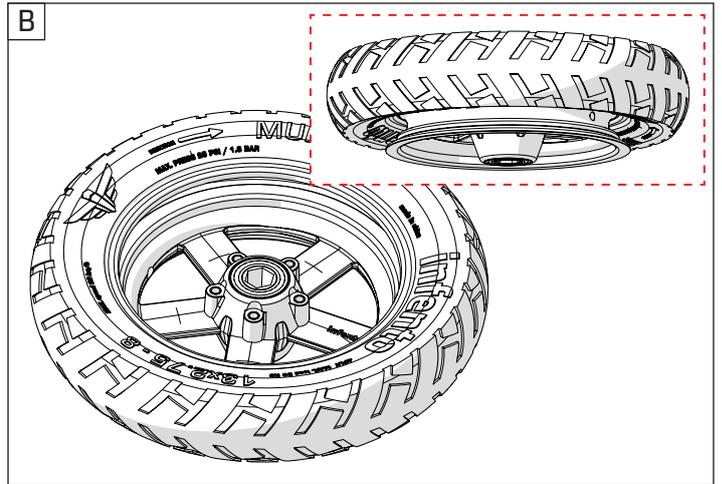
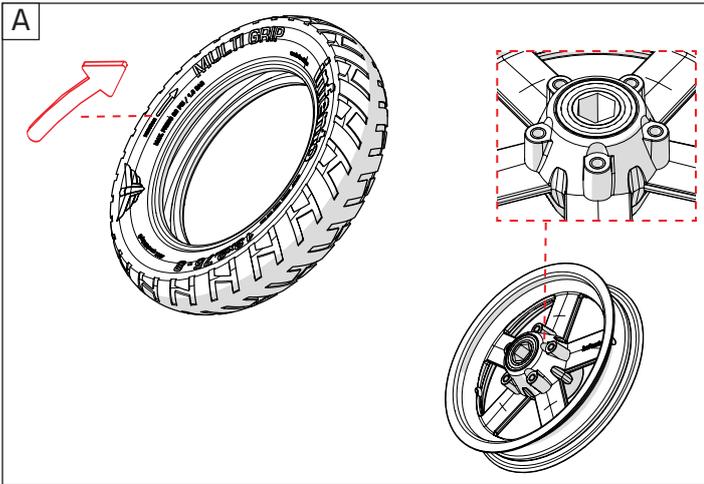
8 inch
Free spinning rim 1x



Inner tube 1x
13x2.75-8



Tire 1x
13x2.75-8





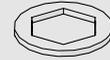
65

ride SWING



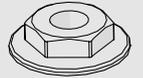
Bolt M8x20

2x



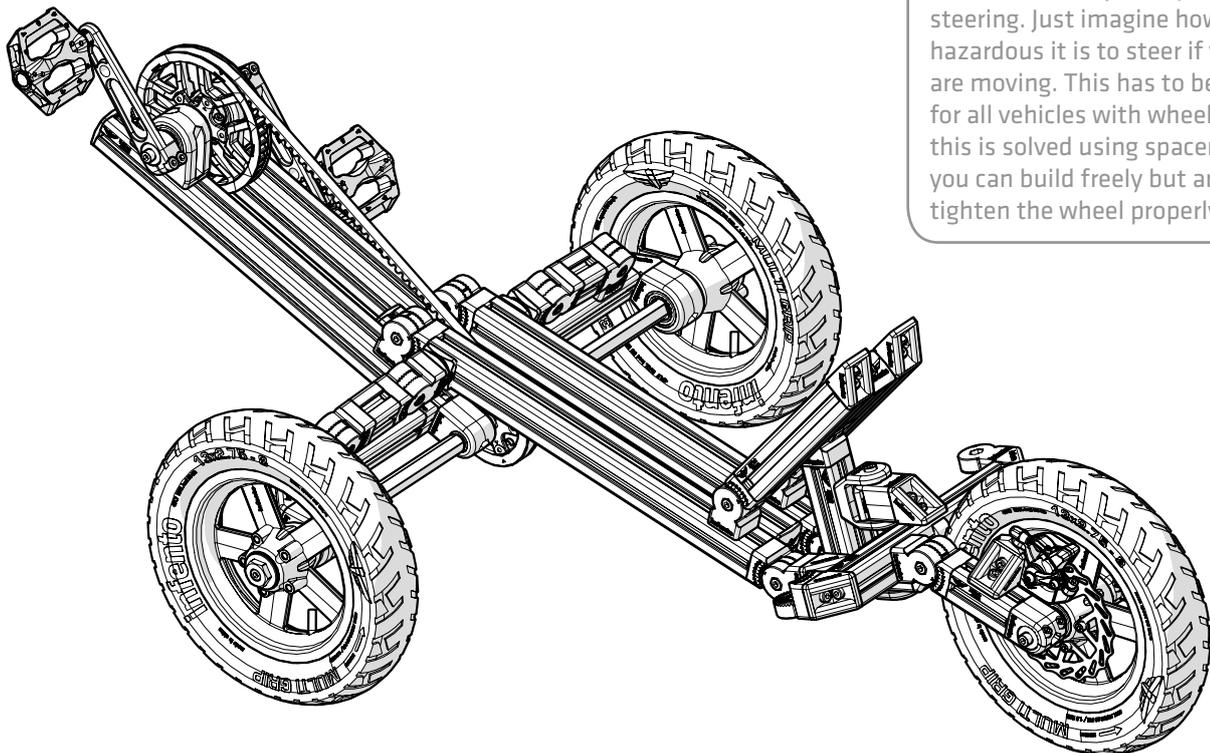
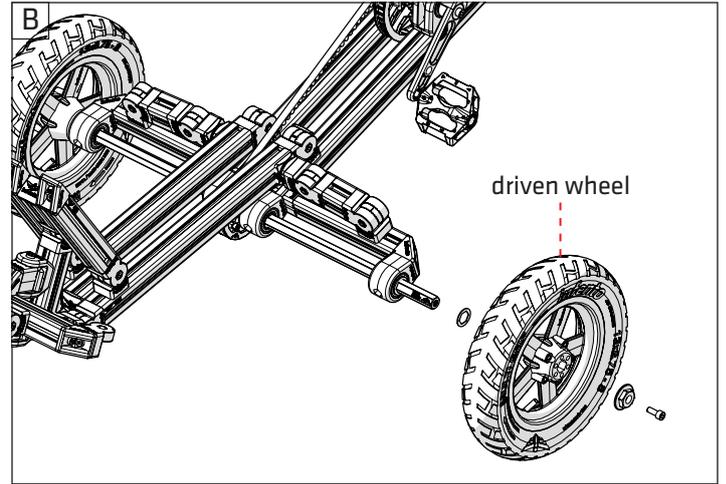
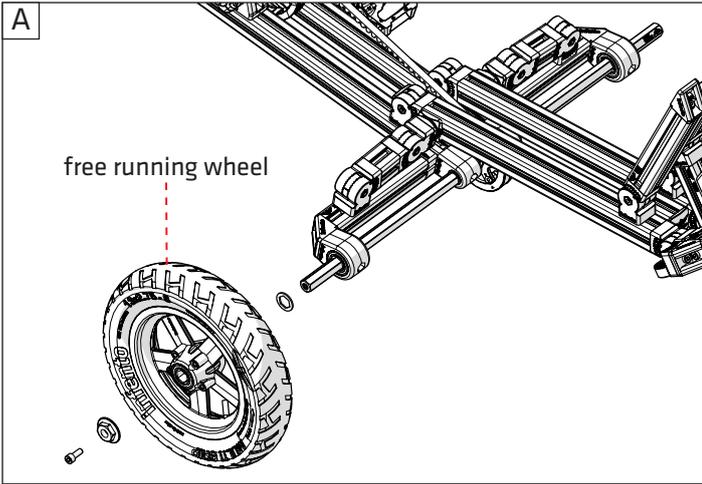
Spacer
0.08inch | 2 mm

2x



Wheel lock ring

2x

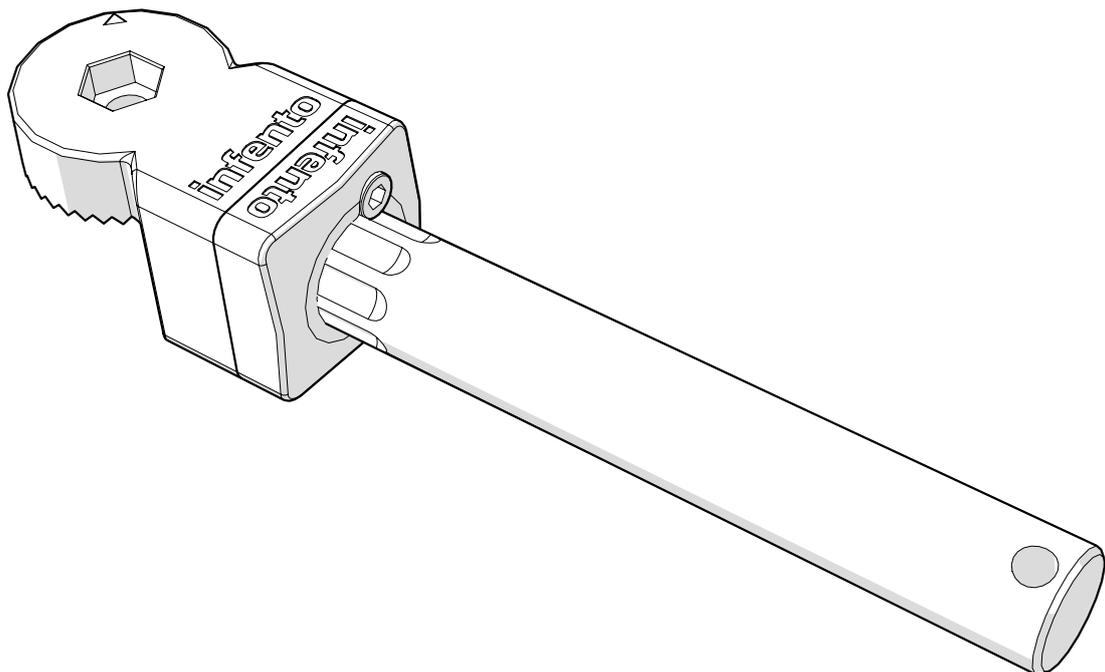
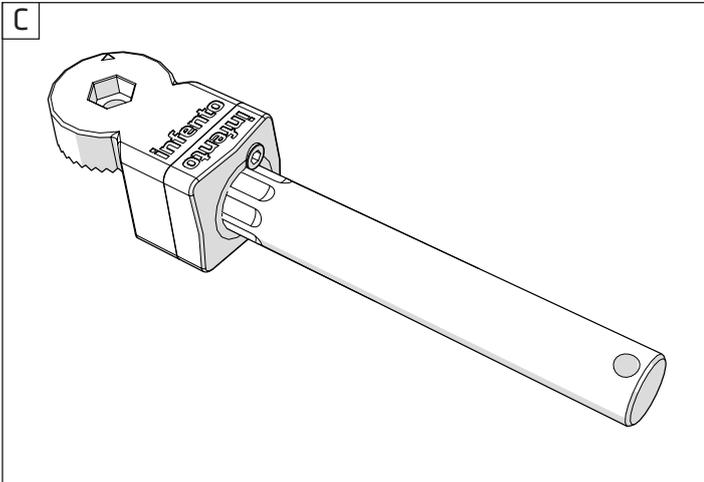
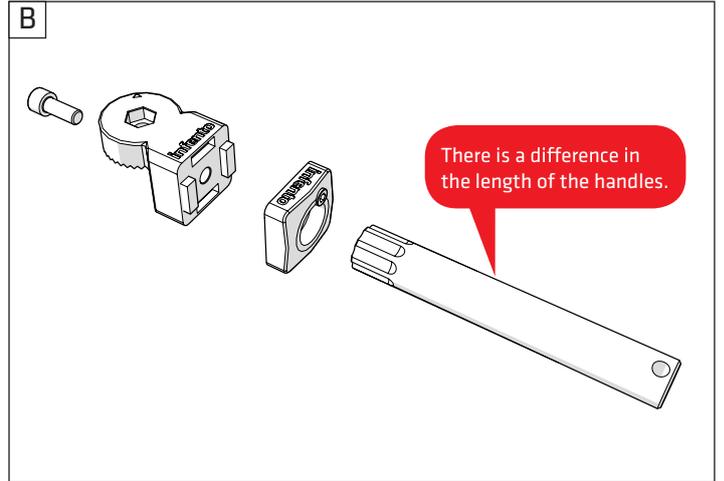
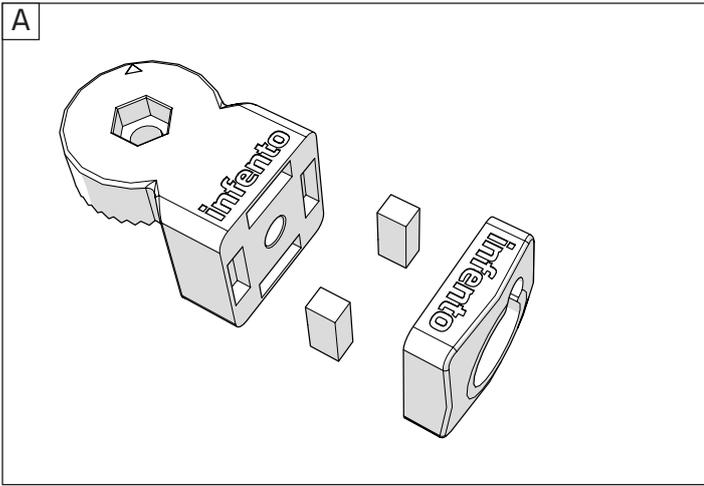
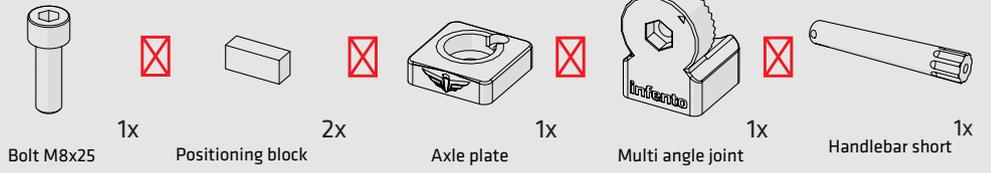


A wheel always has to be locked tightly with washers because the wheel might otherwise move over the axle. This way you ensure that the wheel does not touch anywhere and will not rattle. This is especially important when steering. Just imagine how difficult and hazardous it is to steer if your wheels are moving. This has to be considered for all vehicles with wheels. At Infento this is solved using spacer washers, so you can build freely but are still able to tighten the wheel properly.



66

ride SWING





67

ride SWING



1x

Bolt M8x35

+



1x

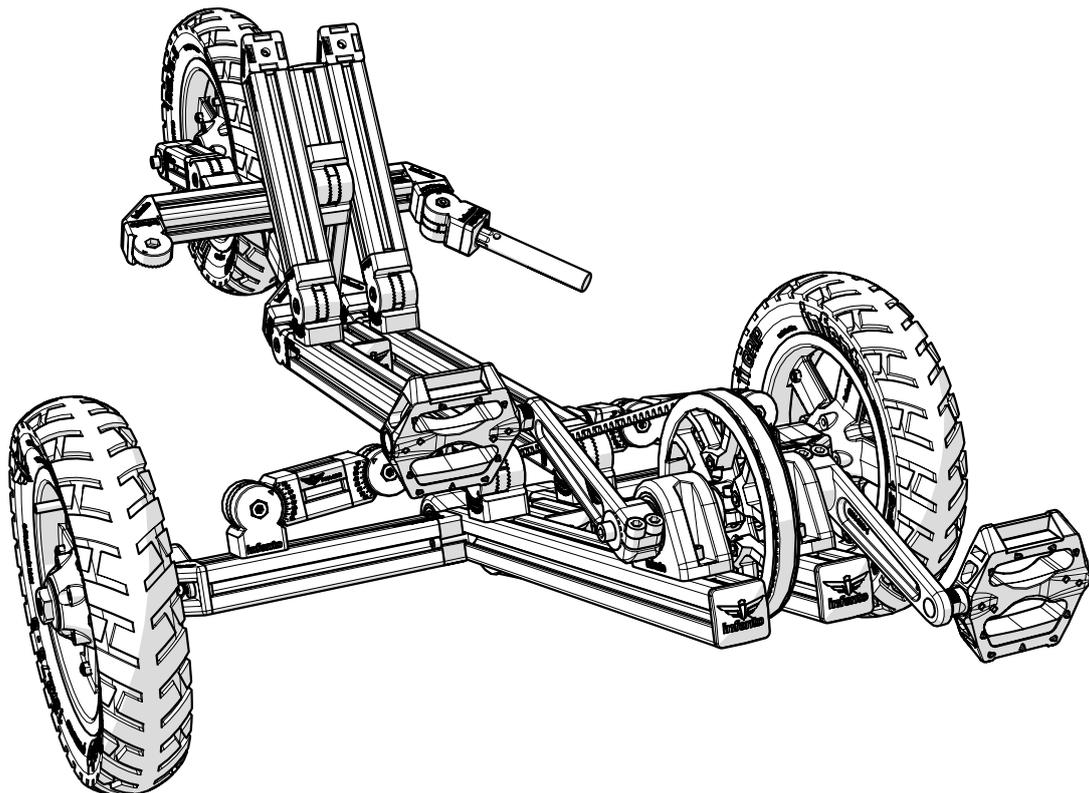
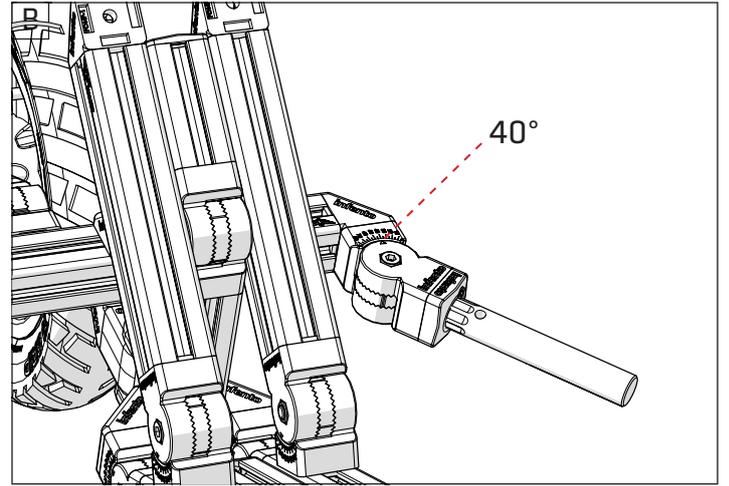
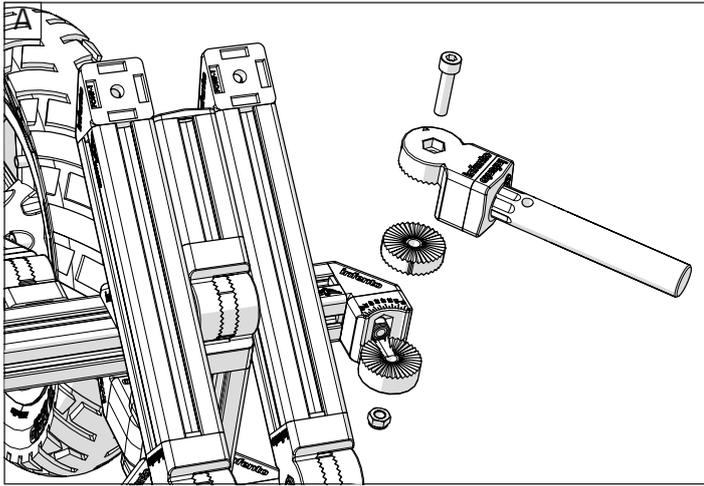
Locknut M8

+



1x

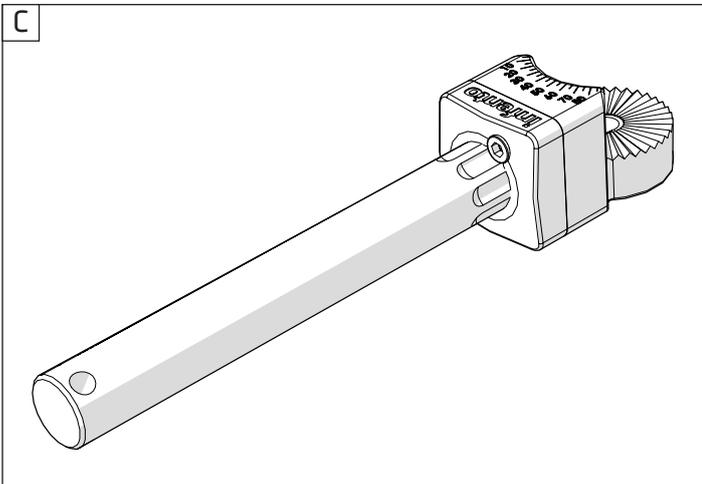
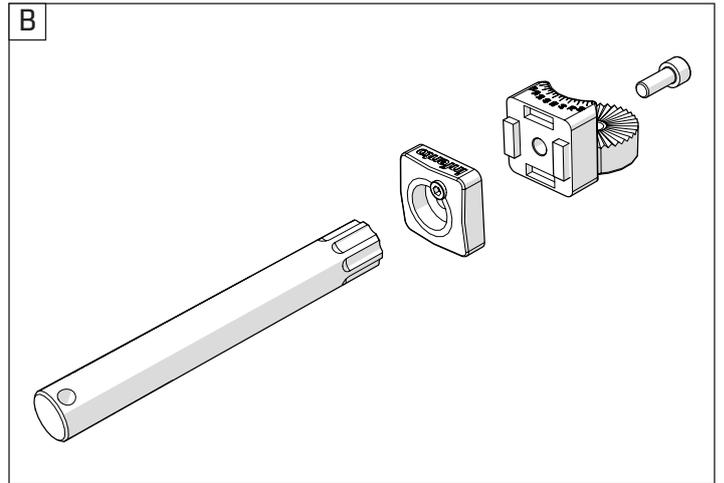
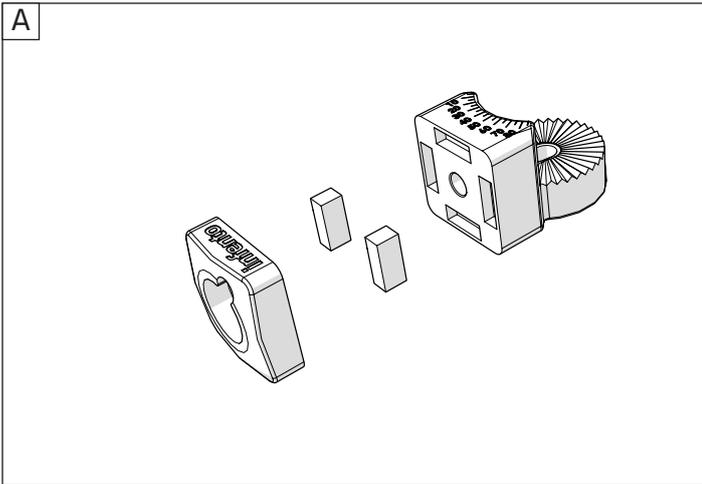
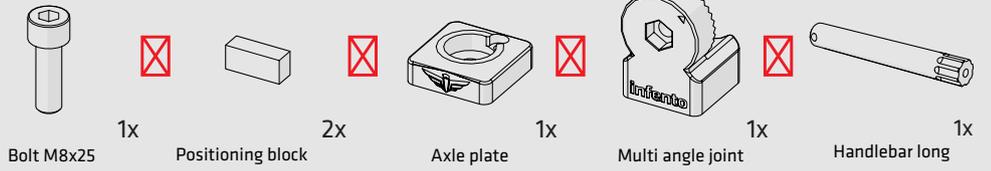
Knurled disc 2 stripes



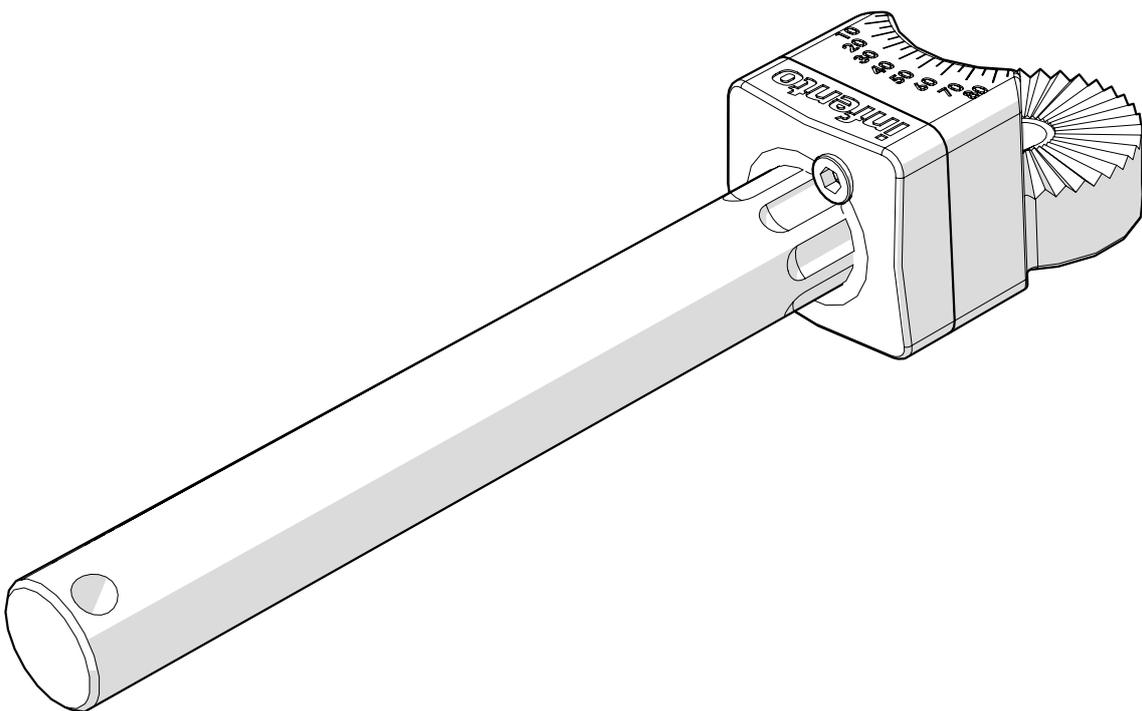


68

ride SWING



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.





69

ride SWING



1x

Bolt M8x35

+



1x

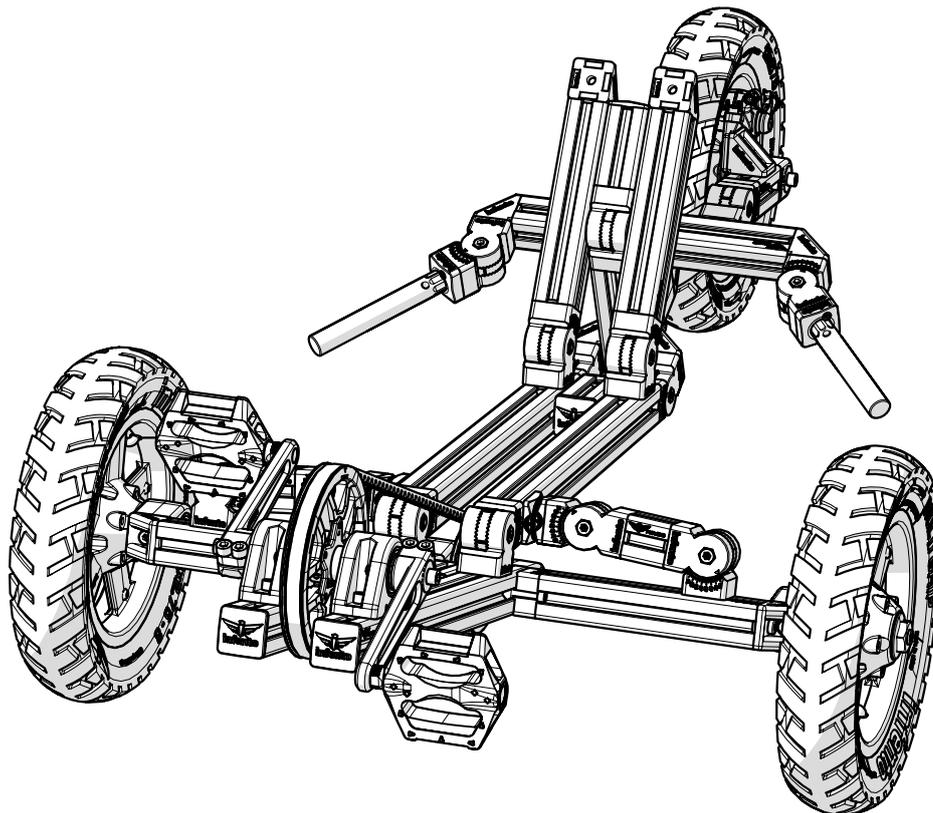
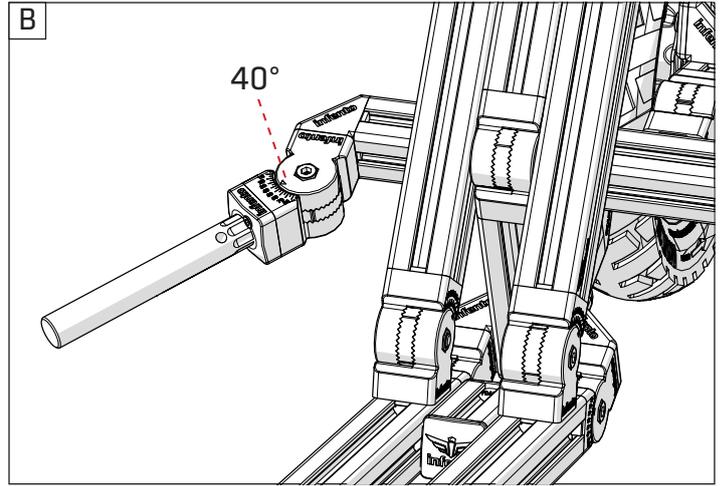
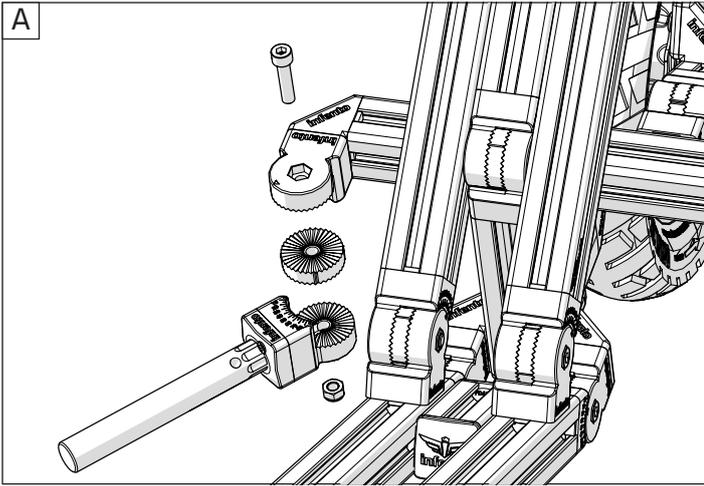
Locknut M8

+



1x

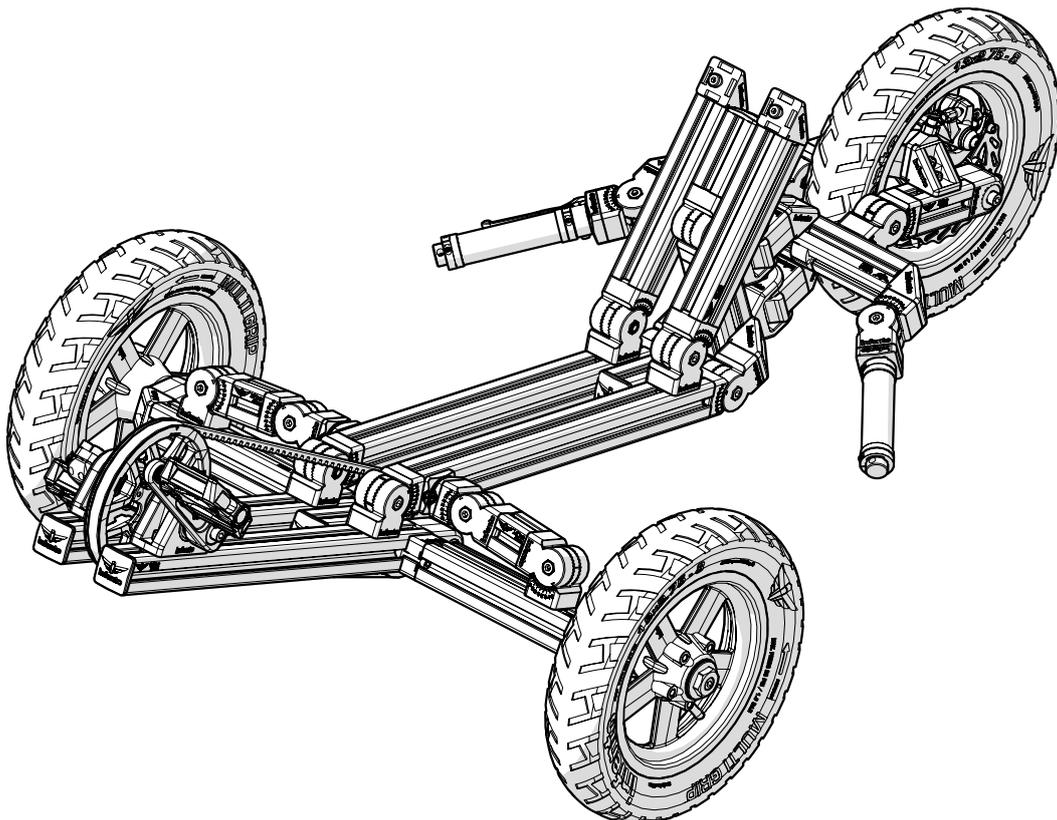
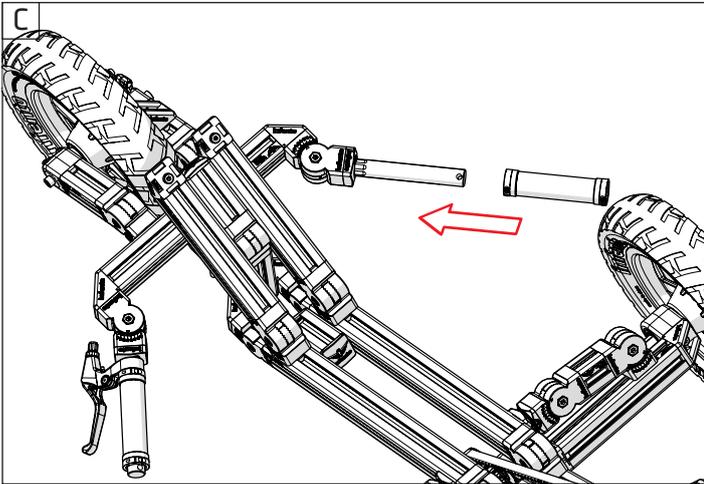
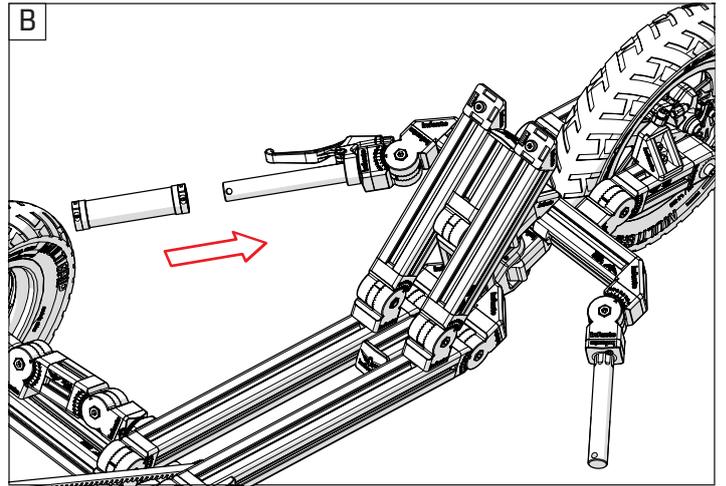
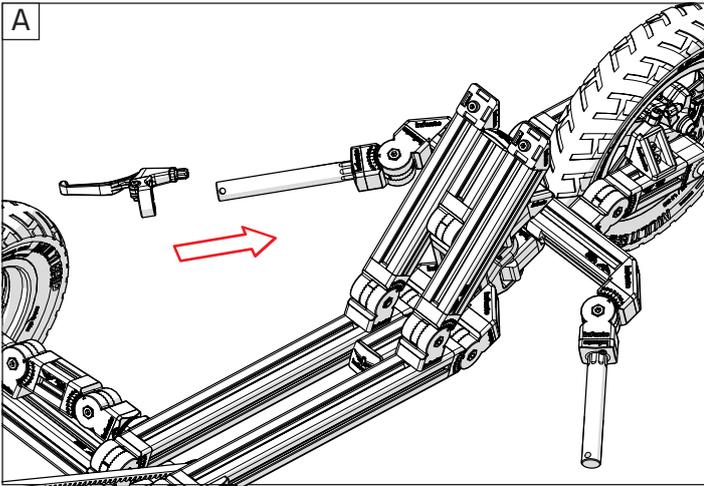
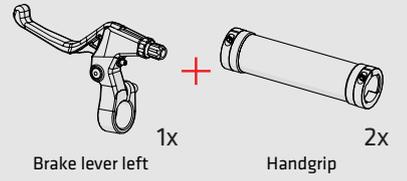
Knurled disc 2 stripes





70

ride SWING





71

ride SWING



+



+



+



+



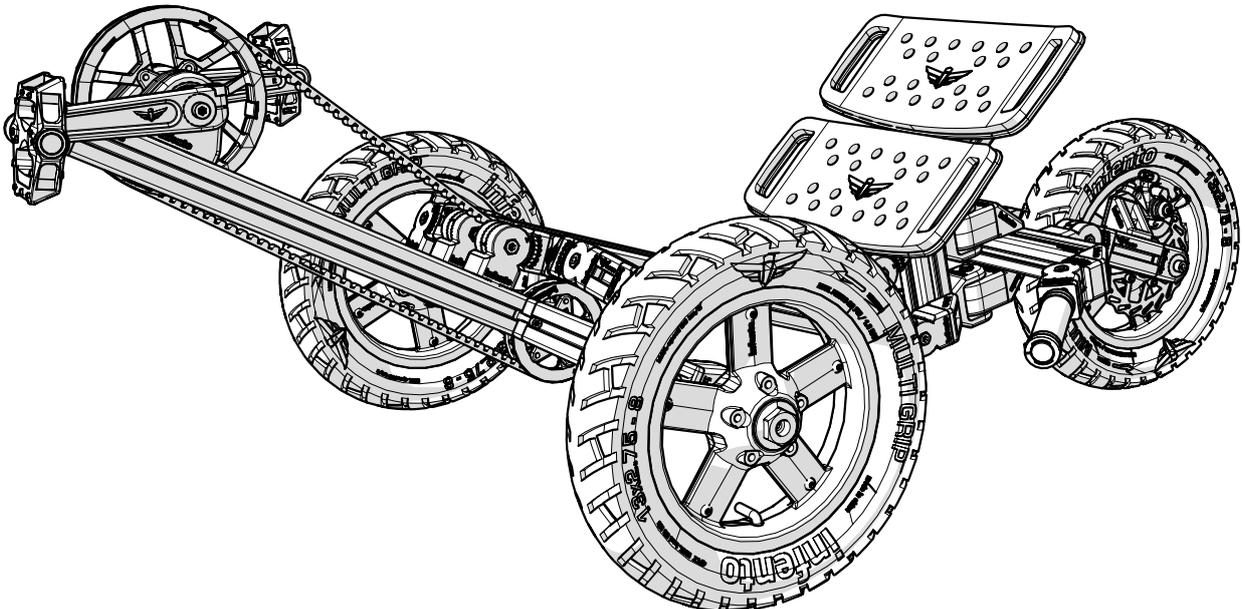
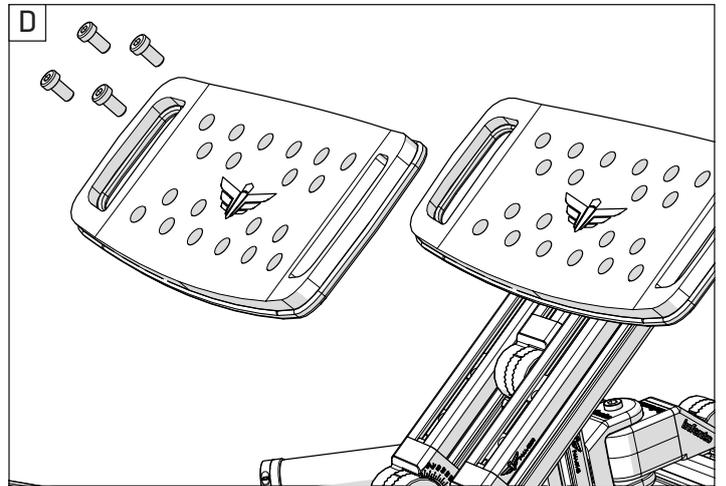
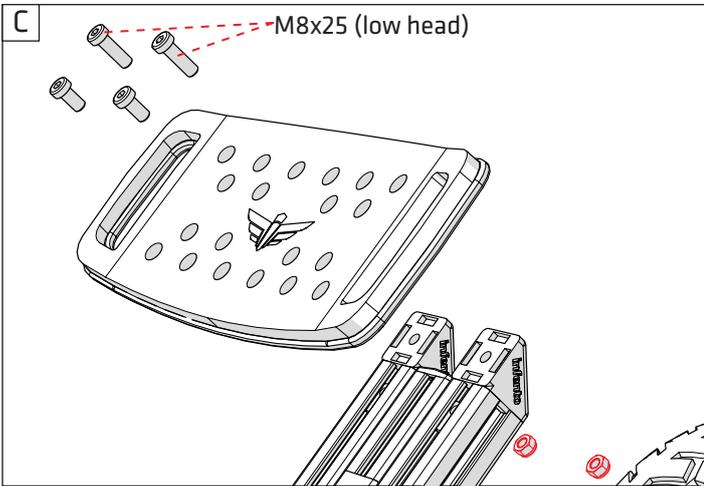
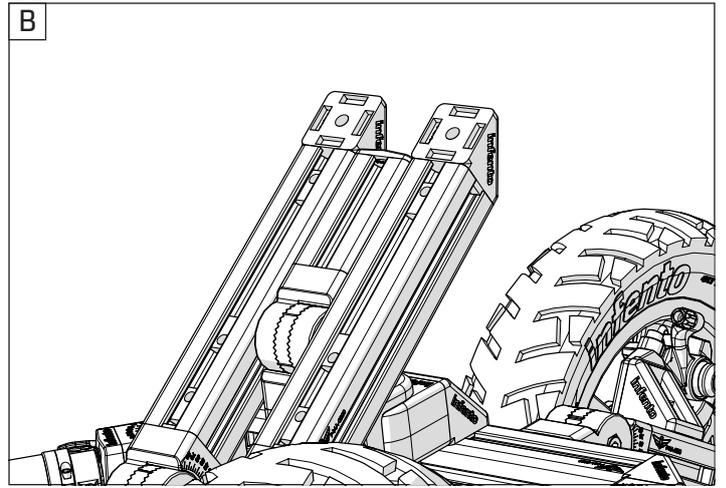
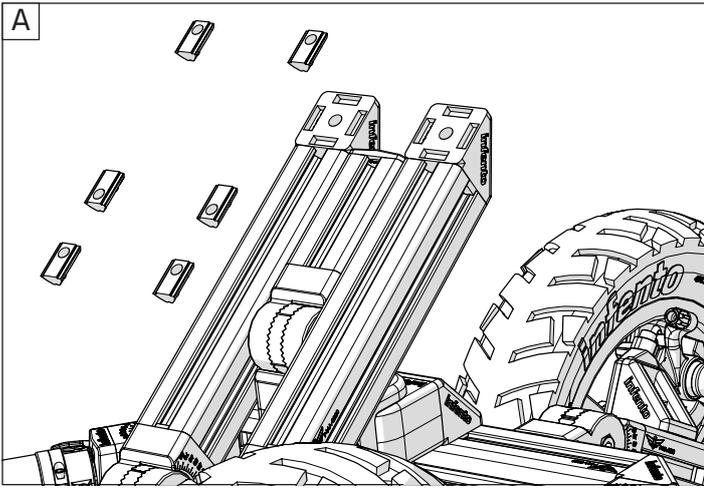
Bolt M8x16 (low head) 6x

Bolt M8x25 (low head) 2x

Nut M8 2x

Profile nut short 6x

Seatboard 2x





72

ride *SWING*



Bolt M8x16
(low head)

+



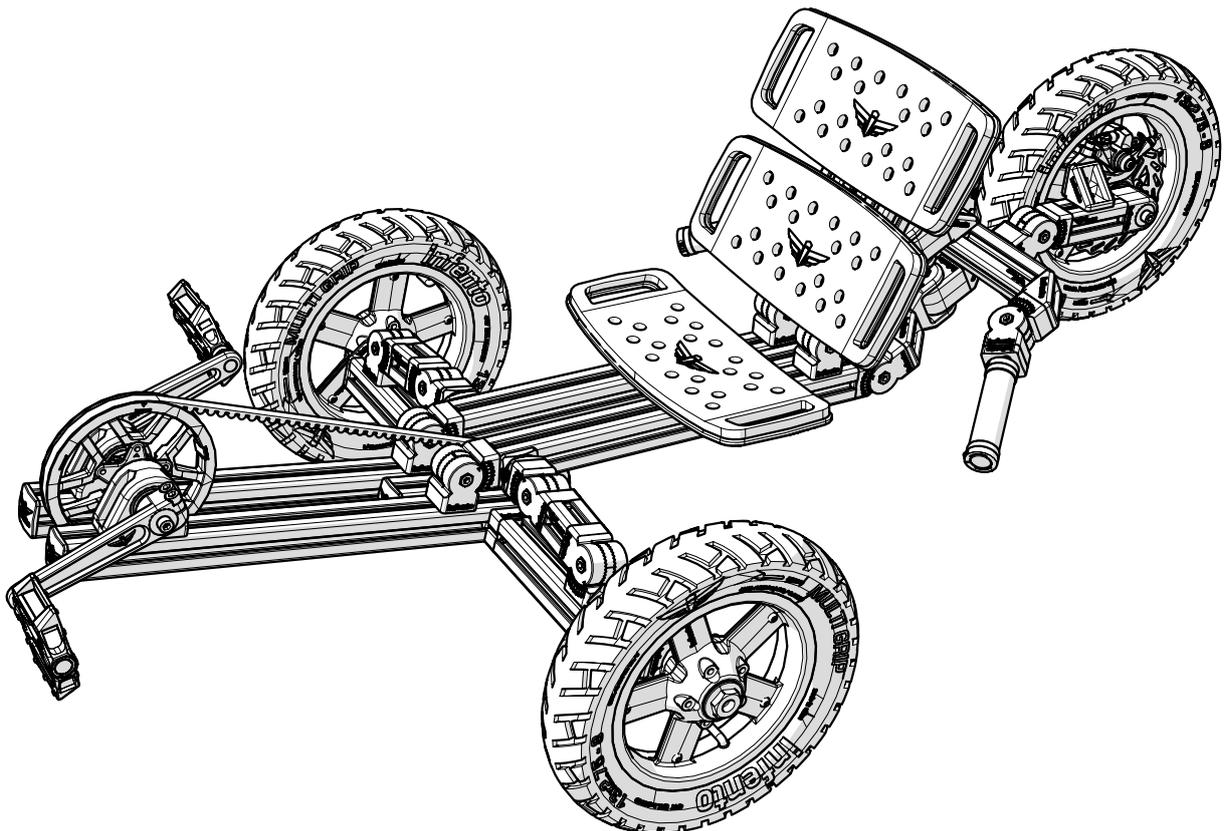
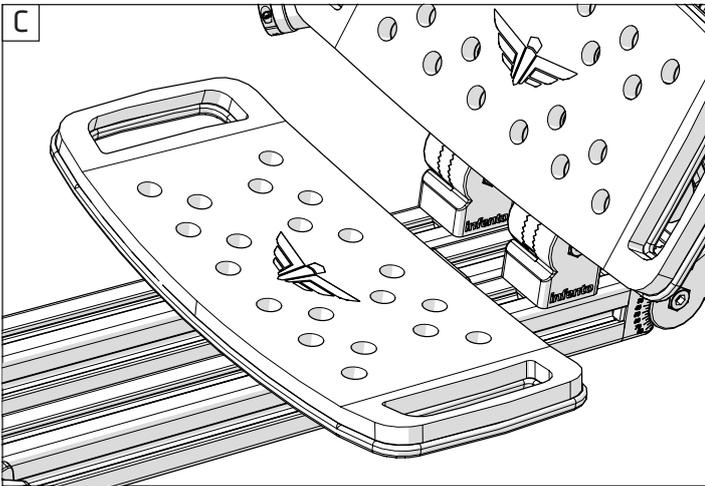
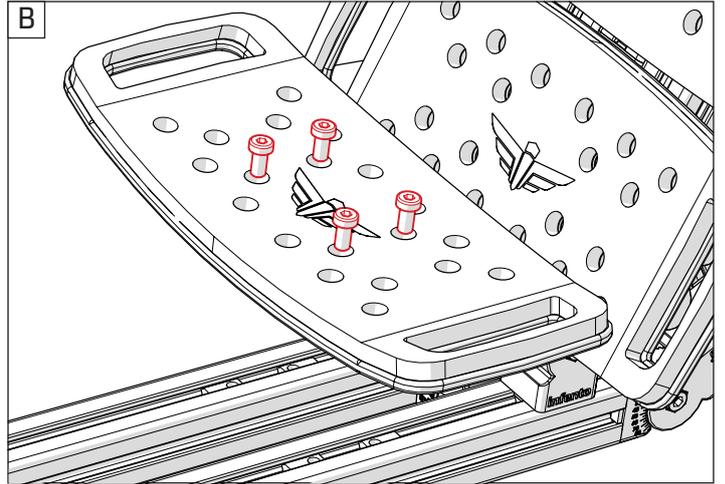
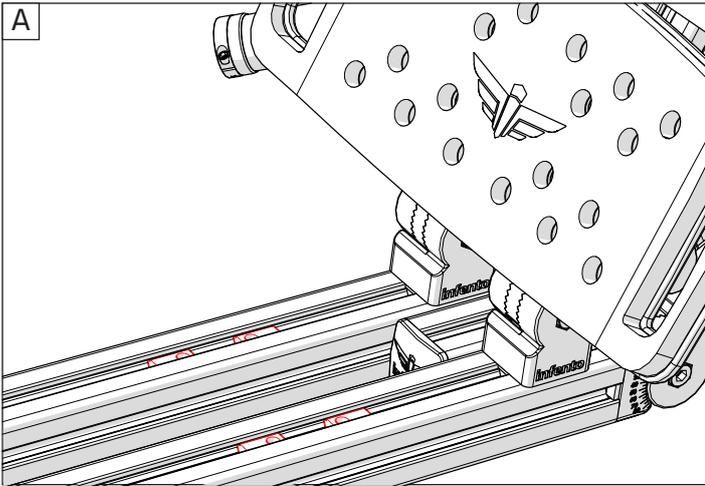
Profile nut short

+



Seatboard

1x



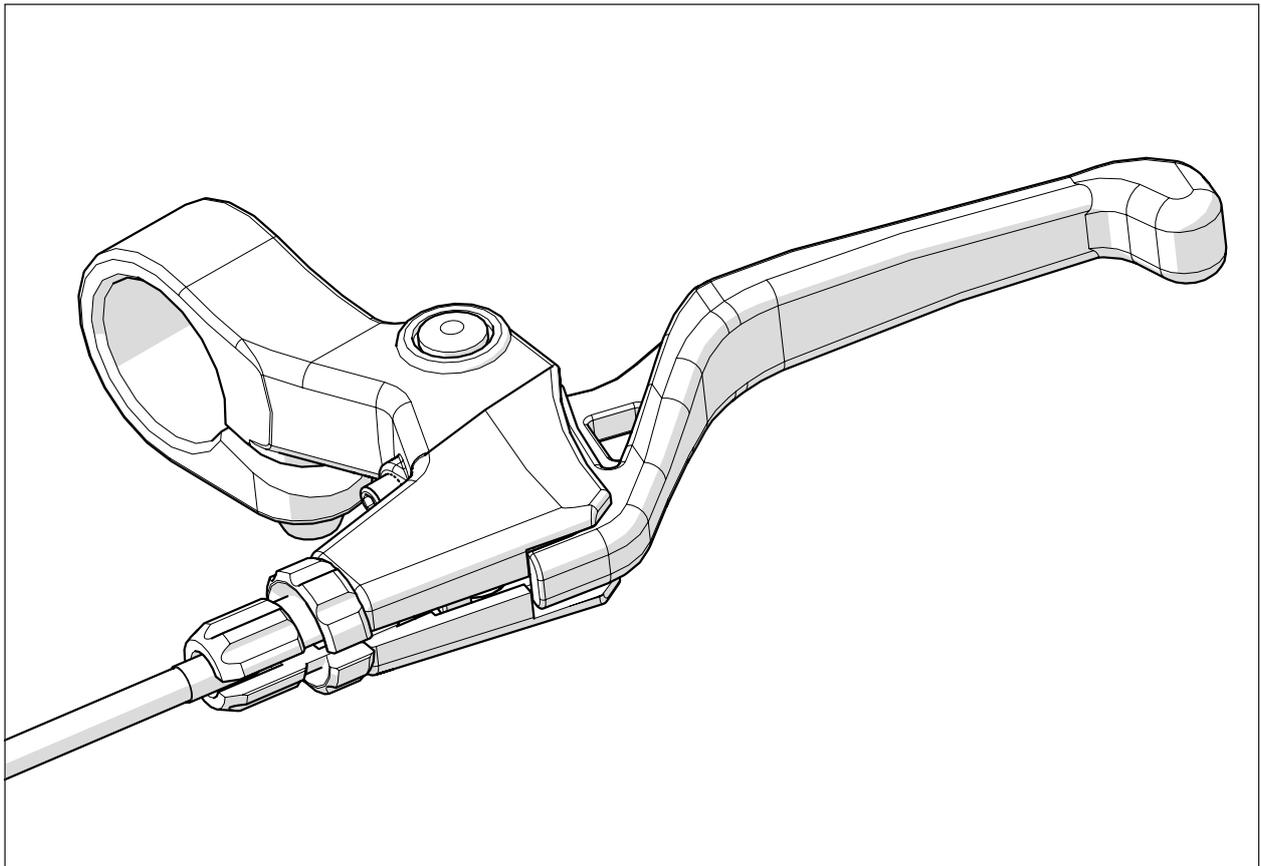
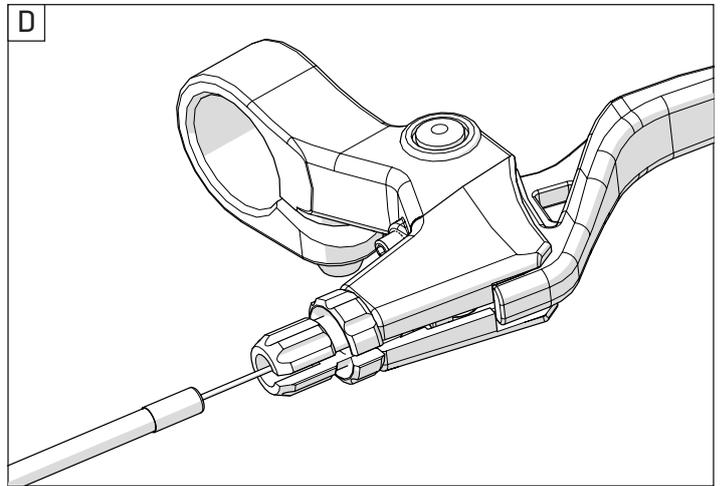
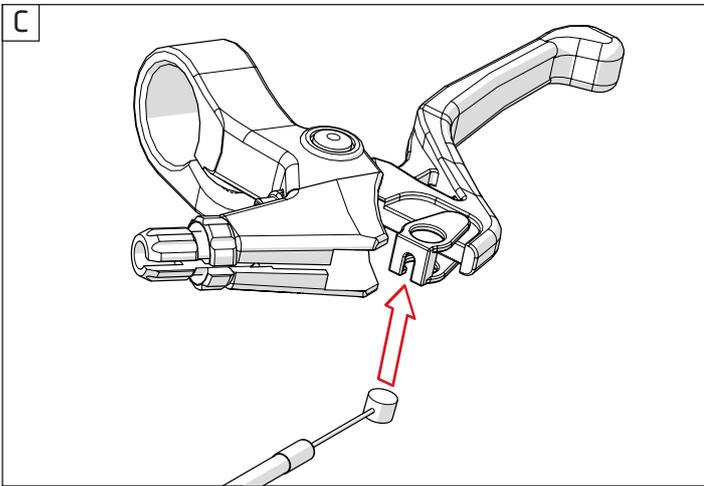
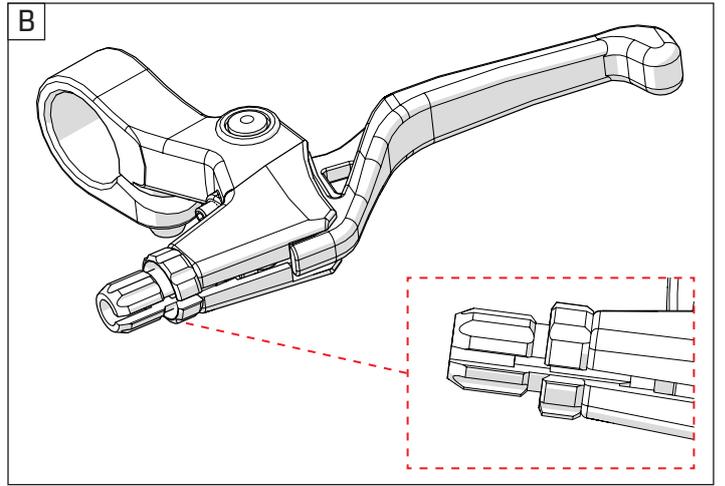
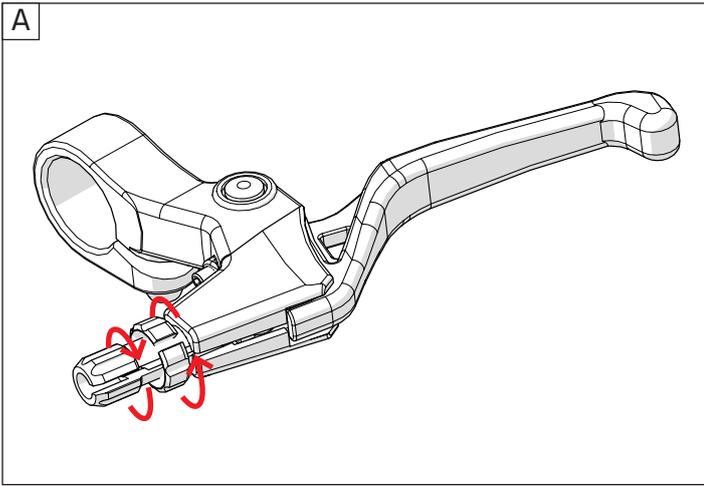


73

ride SWING



Brake cable 1x
27.56 in | 700 mm





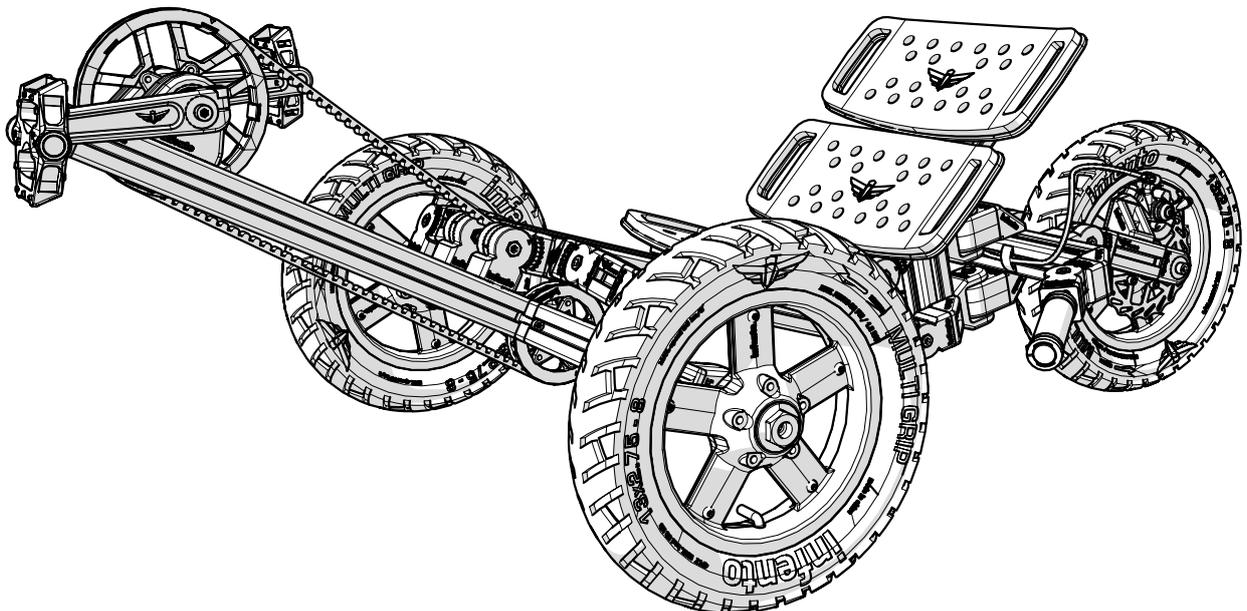
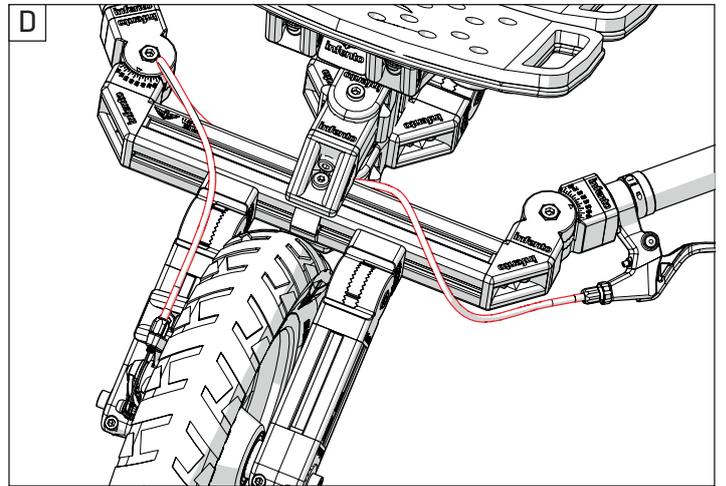
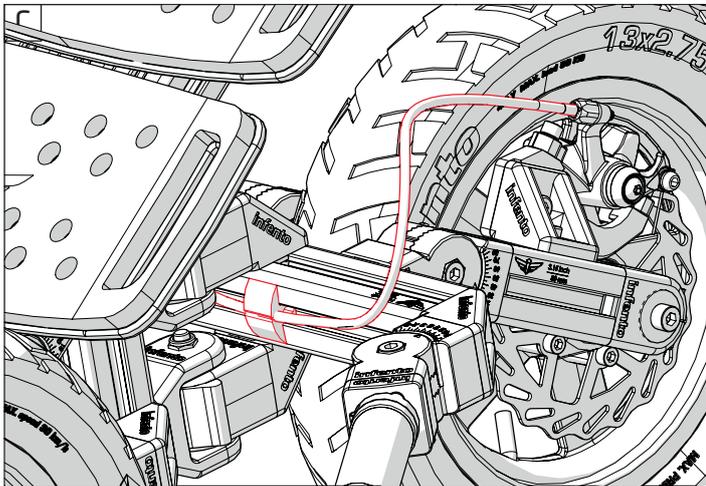
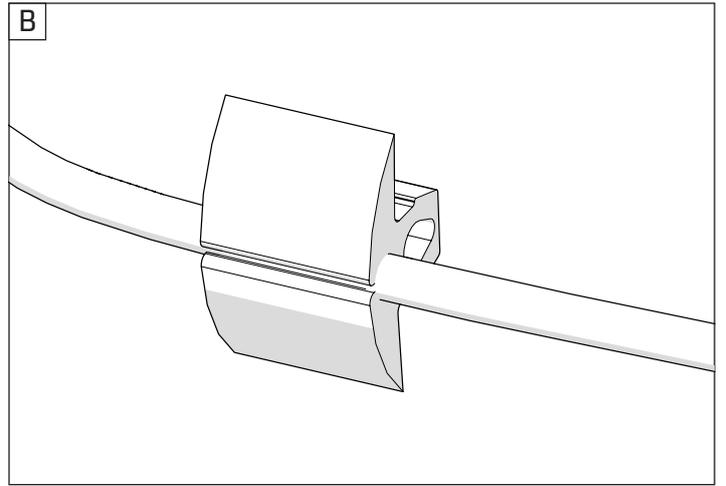
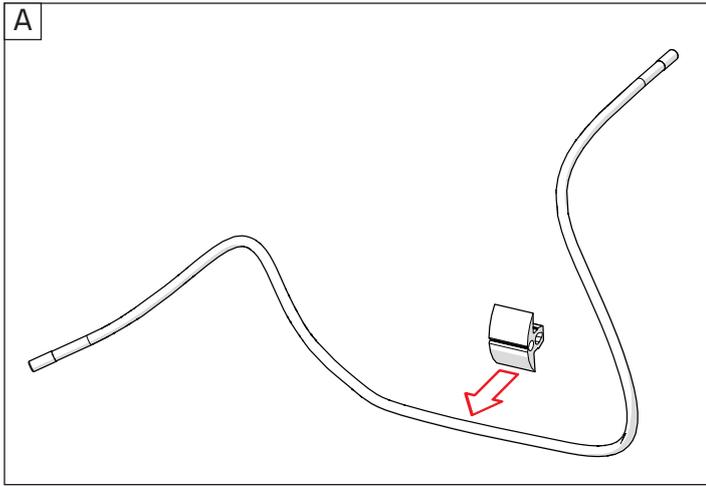
74

ride SWING



1x

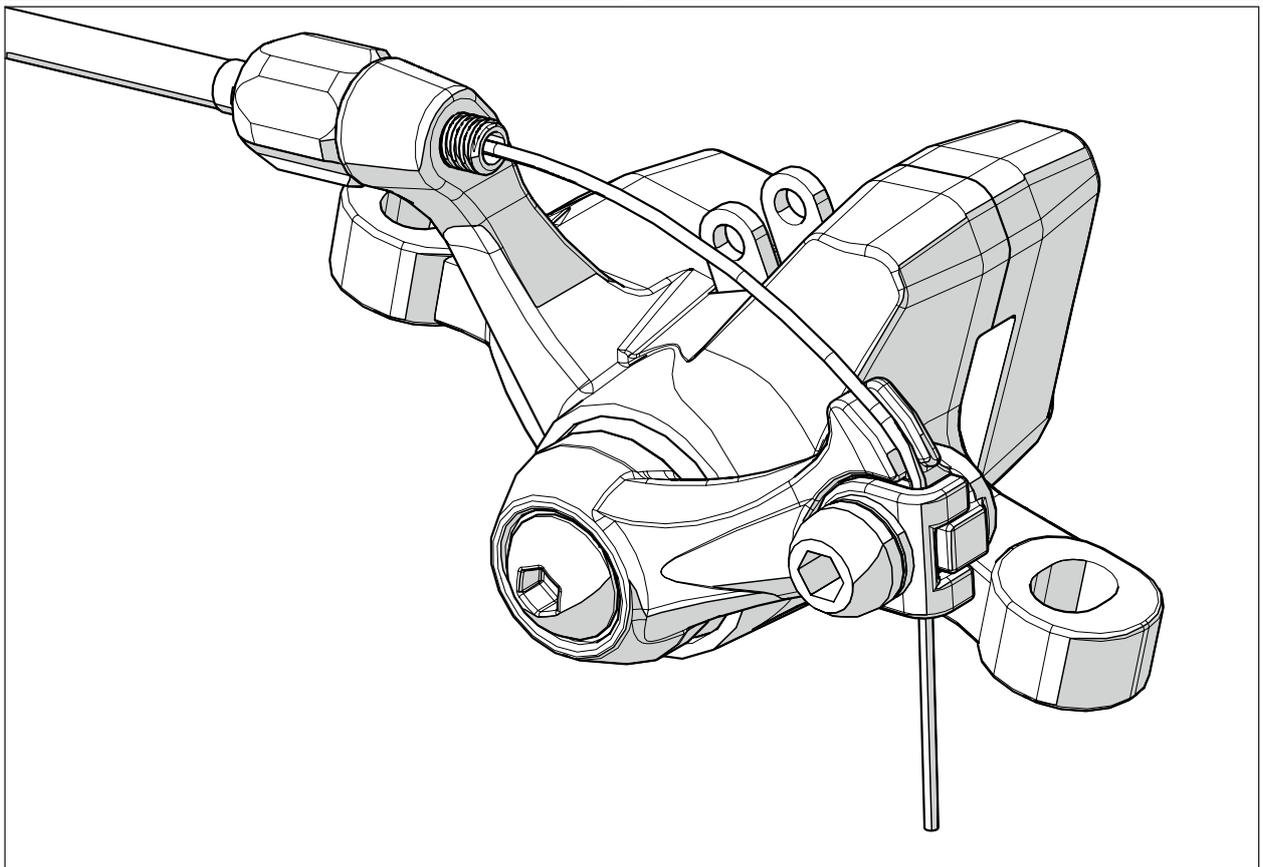
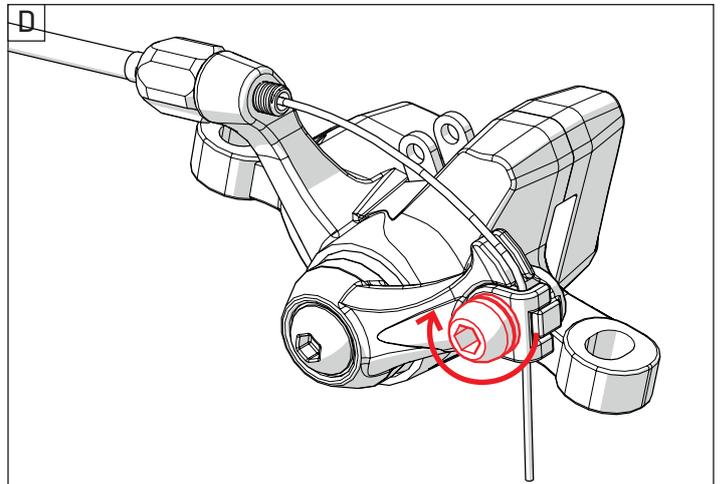
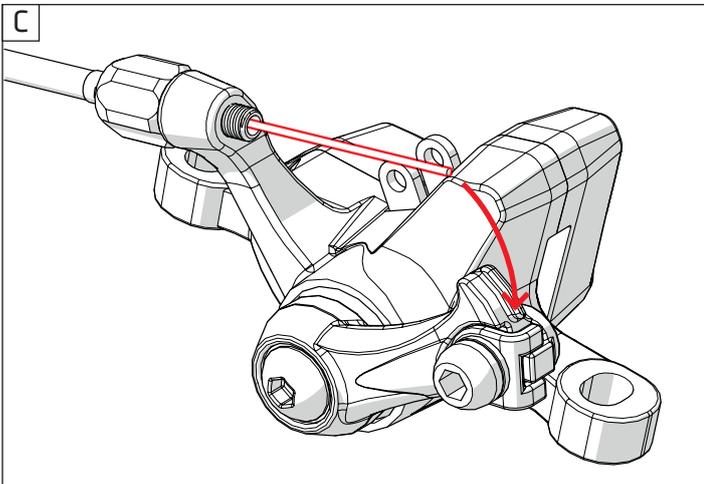
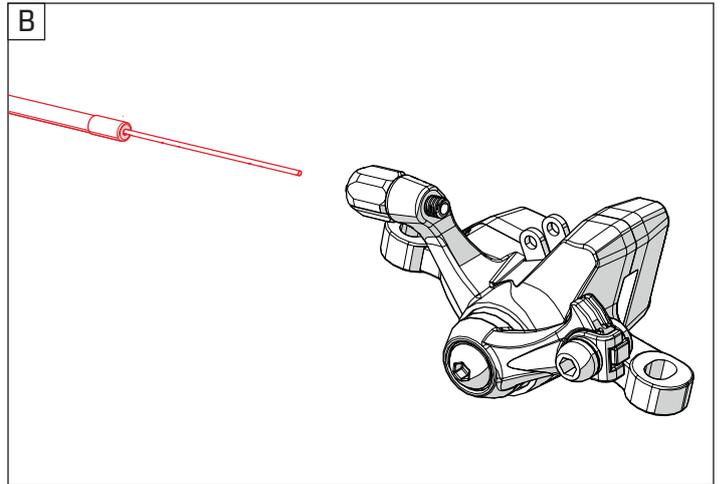
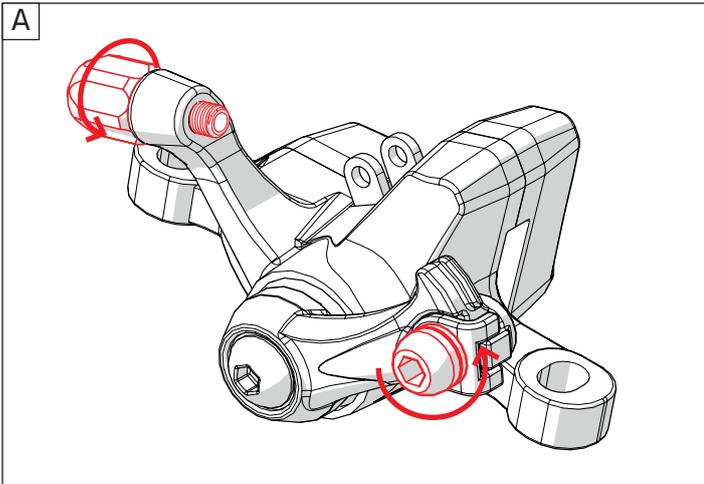
Brake cable clip





75

ride SWING



SWING^{G2}



THANK YOU FOR READING ME!