

# BOOSTER<sup>G2</sup>

## CONSTRUCTION MANUAL

**2-5**  
YEARS



Length	87 - 113 cm / 35 - 44 inch
Max weight	23 kg / 50 lbs
Time to build	3,5 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](http://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 built. 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. Toys are to be assembled by an adult using Infento manuals.
2. All fasteners (bolts and nuts) should be fully tightened.
3. It is the responsibility of the adult who assembles this bicycle to properly install all parts included in the factory sealed shipping carton and to make the adjustments to the functional parts such as handle bar and seat and chain when necessary.

### USE – SUBSECTION

## **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? HELP NEEDED?

You can email us at:  
**[support@infentorides.com](mailto:support@infentorides.com)**  
and our team will assist you as soon as possible.



## MAINTENANCE | INSTRUCTION



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

## RECOMMENDED TOOLS



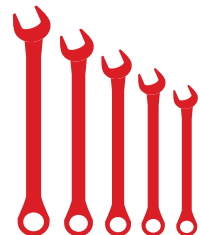
**4 x Allen key**  
3, 4, 5, 6 mm



**1 x Tapeline**



**1 x T-handle**  
for Allen key



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



1

Bolt M8x20  
(low head) 1x

+

L-joint 1x

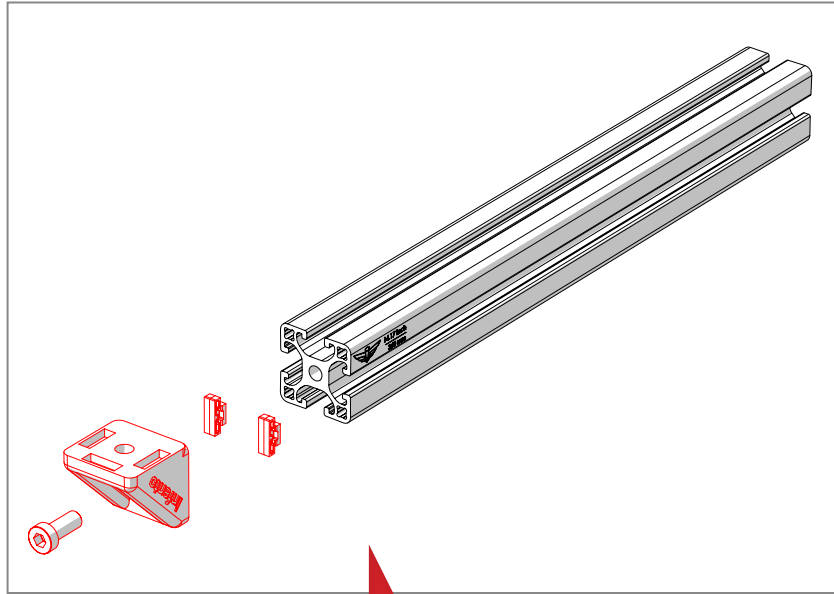
+

T-Positioning block 2x

+

Profile 1x  
14.17 inch | 360 mm

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



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

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

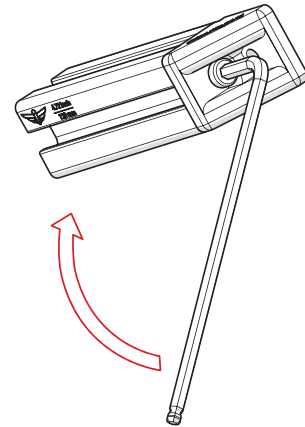


# **TOP 3** REQUIREMENTS MAKING A GREAT INFENTO EXPERIENCE:



**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



Bolt M8x20

1x

+



T-Positioning block

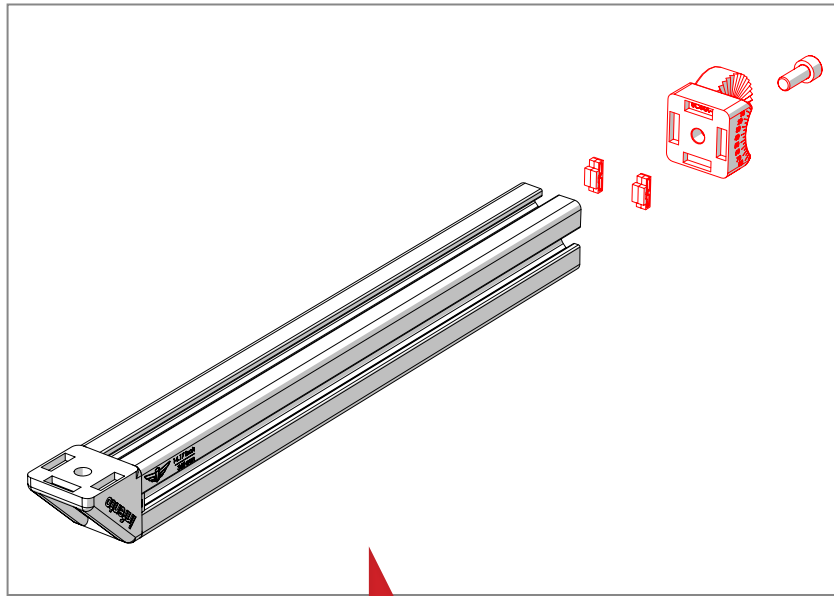
2x

+



Multi angle joint

1x



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

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





3



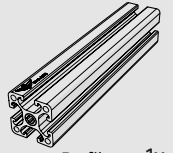
Bolt M8x30  
(low head)

+

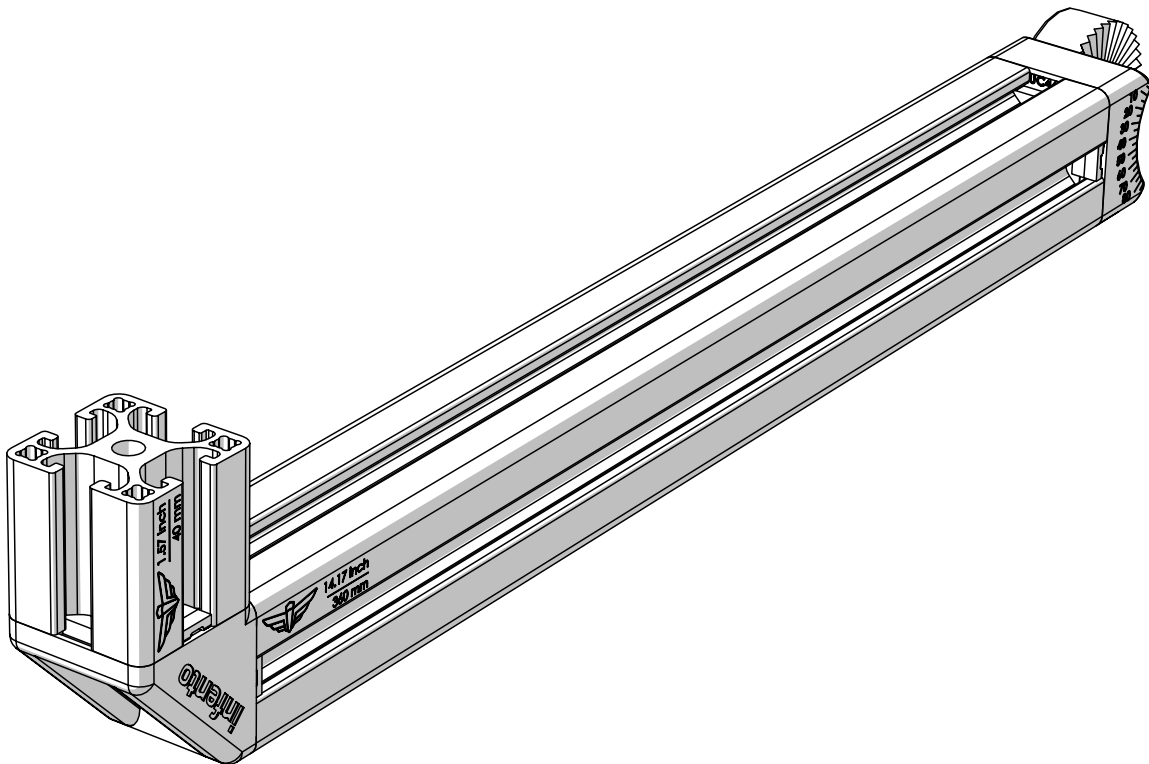
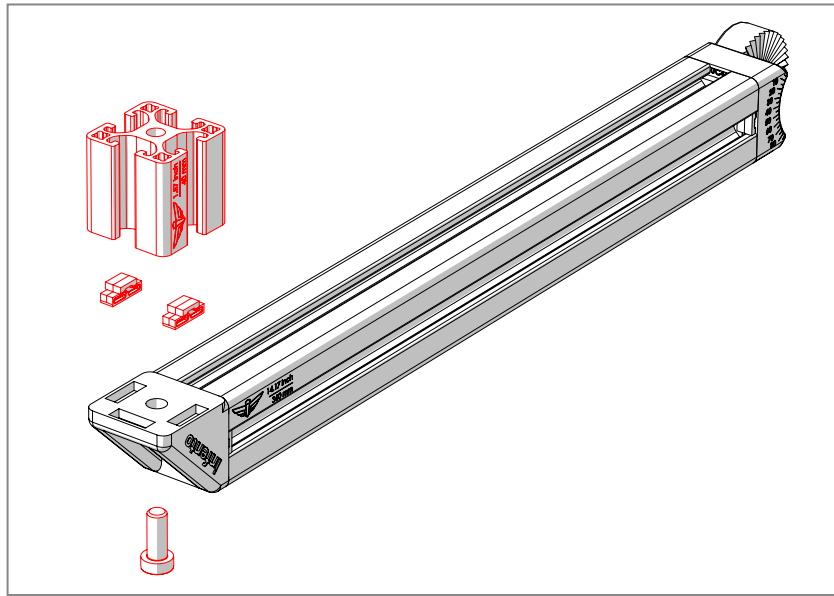


T-Positioning block  
2x

+

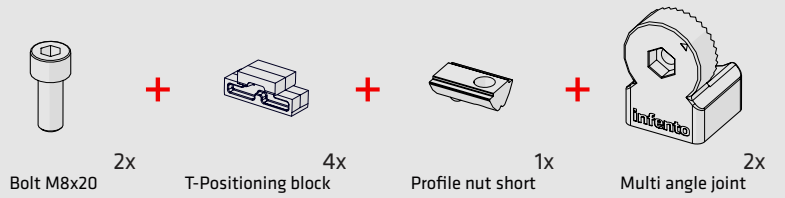


Profile 1x  
1.57 inch | 40 mm

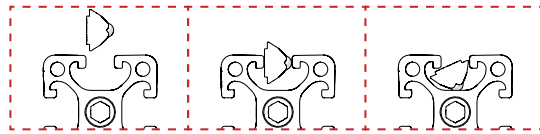
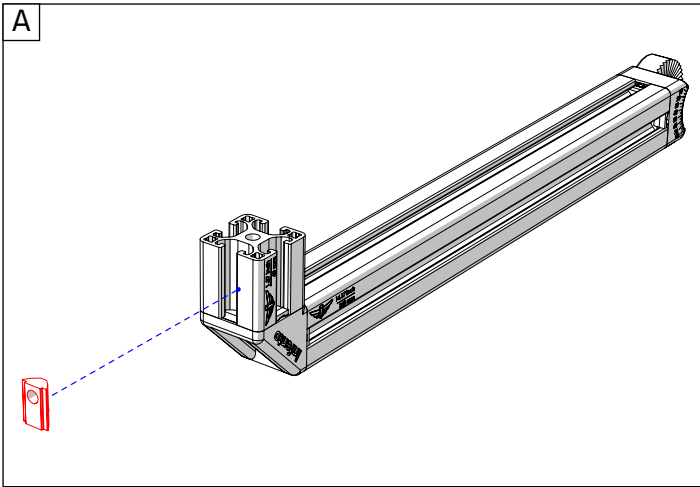




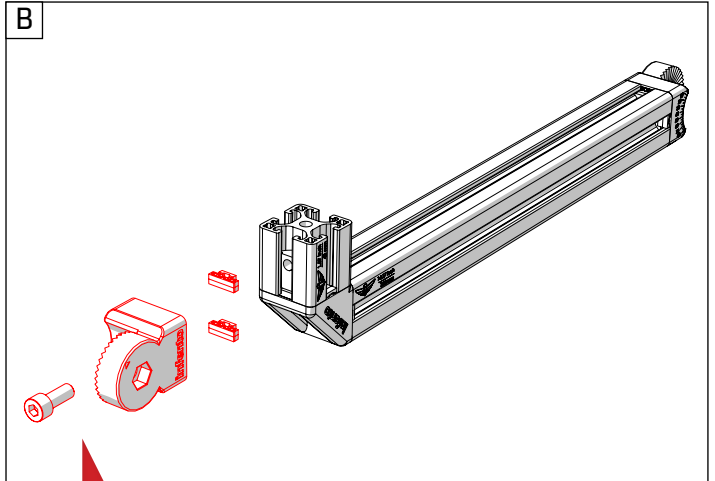
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A

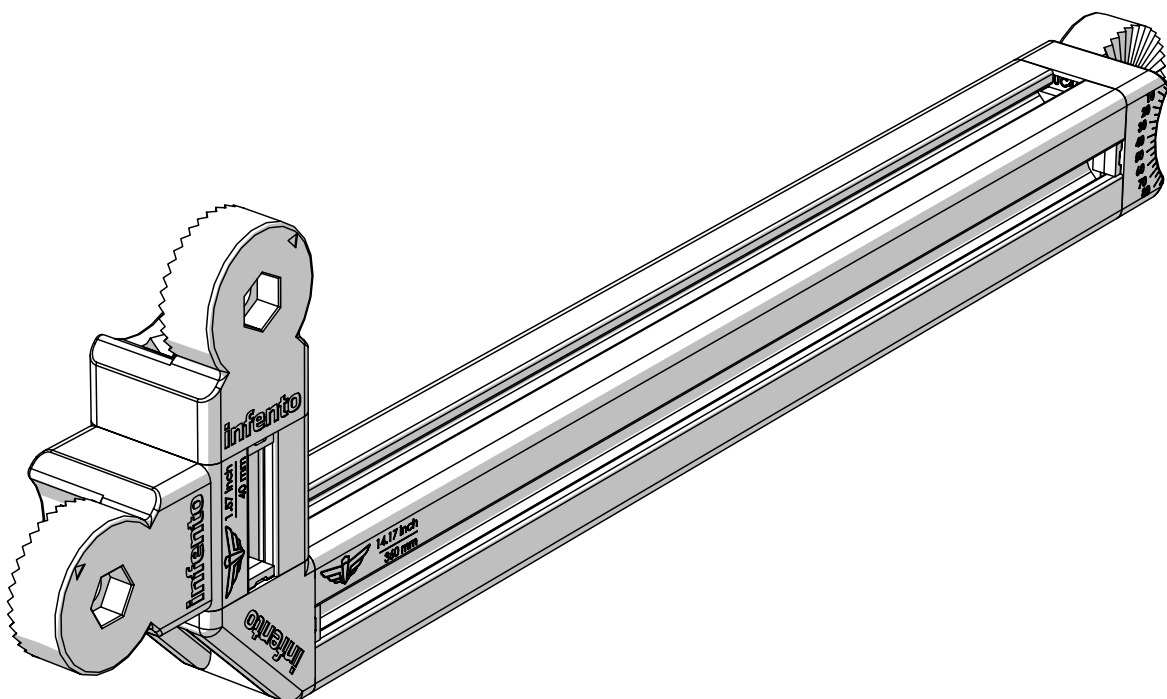
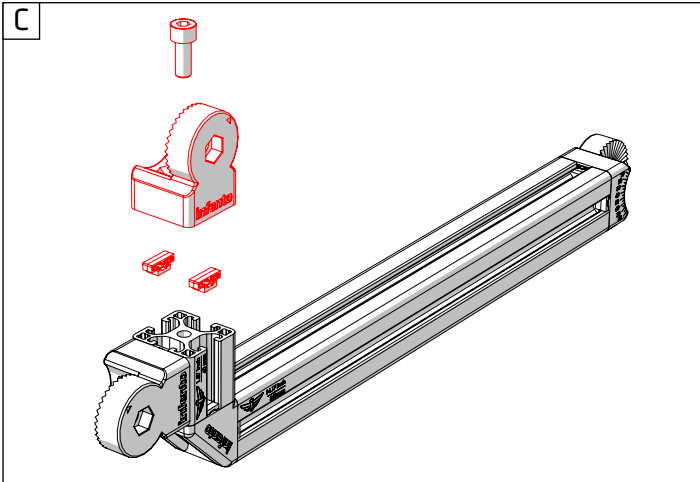


B



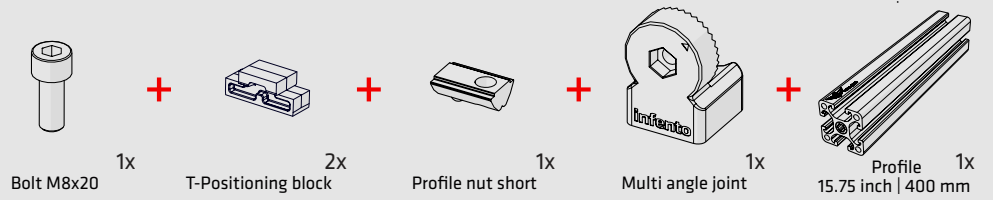
When tightening the bolt always check whether the profile nut remains perfectly straight in the slot. If this becomes crooked, you can push against the side of the profile bolt with the Allen key to correct this.

C

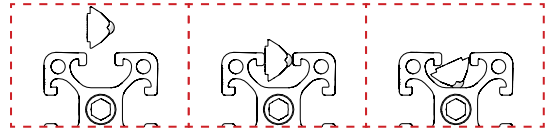
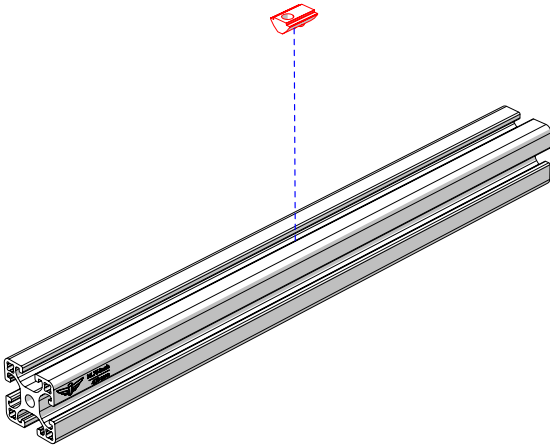




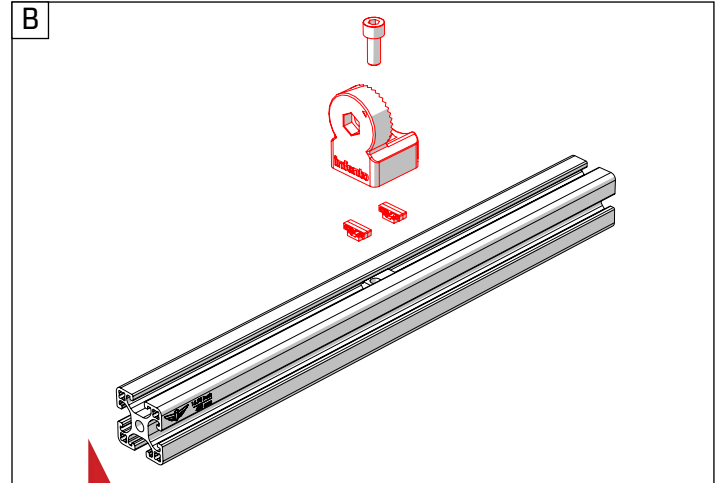
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A

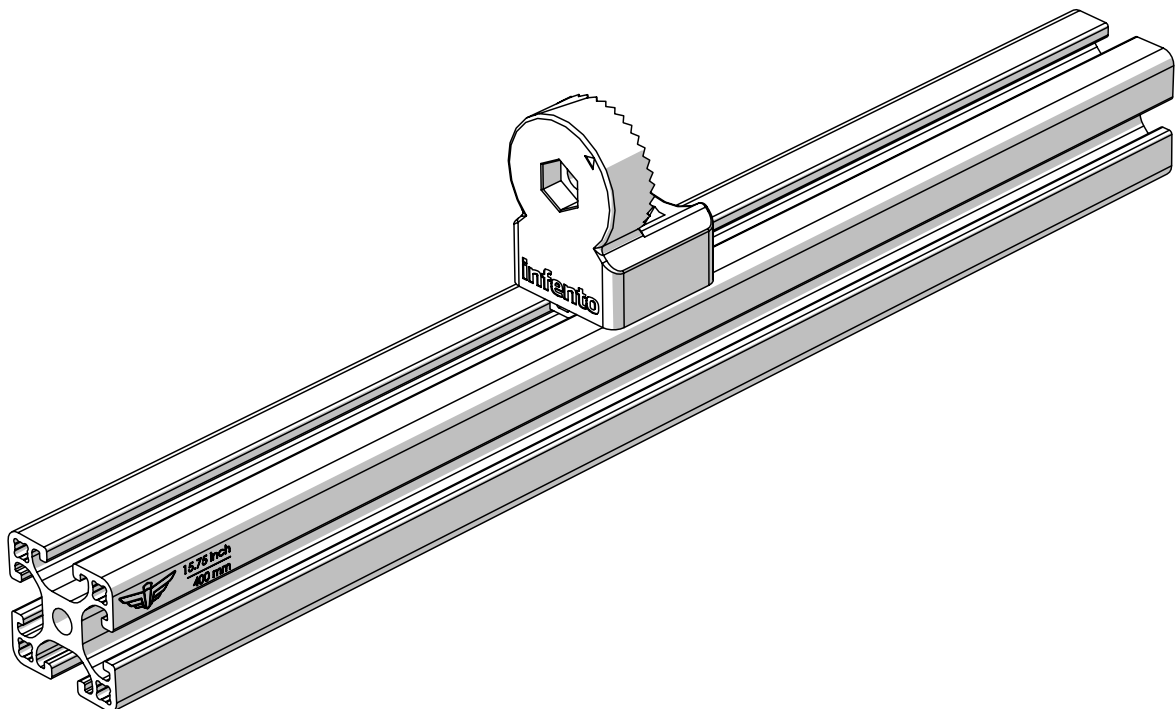
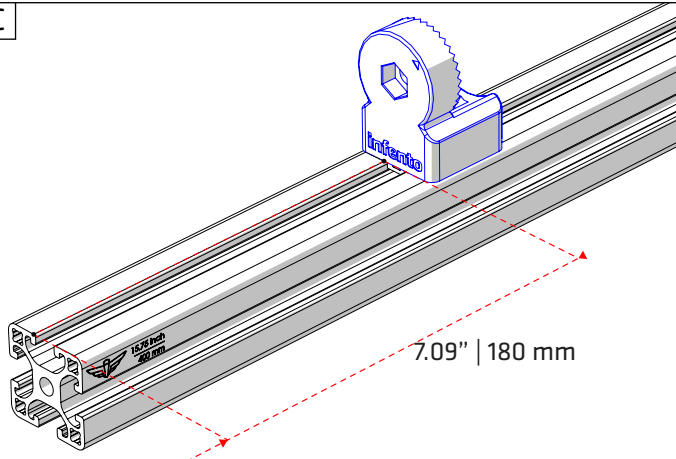


B



When tightening the bolt always check whether the profile nut remains perfectly straight in the slot. If this becomes crooked, you can push against the side of the profile bolt with the Allen key to correct this.

C





6



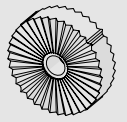
Bolt M8x35

1x



Locknut M8

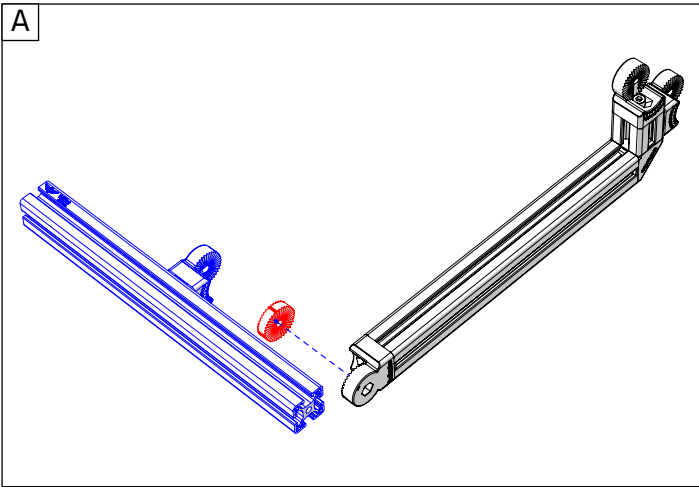
1x



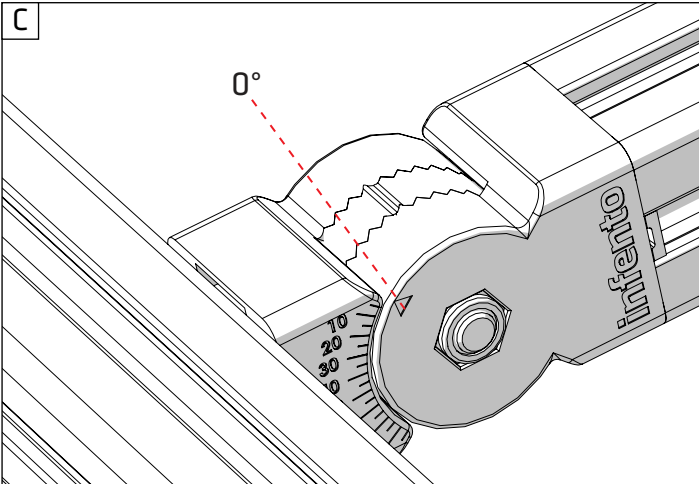
Knurled disc 2 stripes

1x

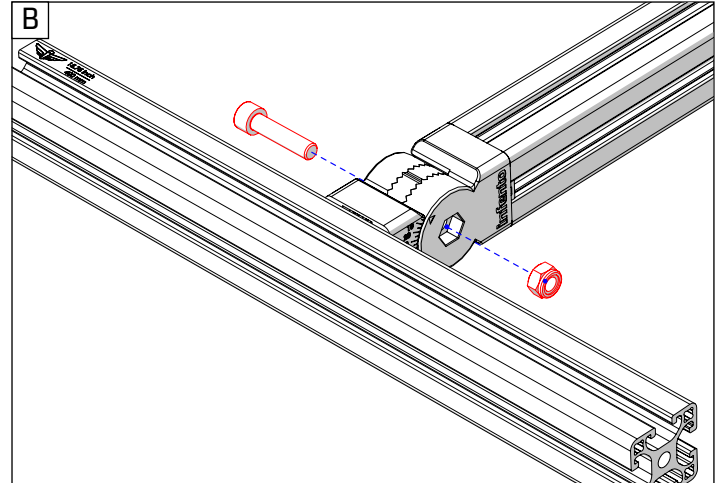
A



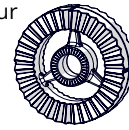
C



B



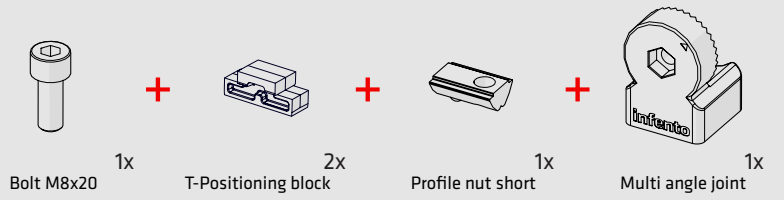
Depending on your Kit, the knurled discs can be of a different type, looking like this:



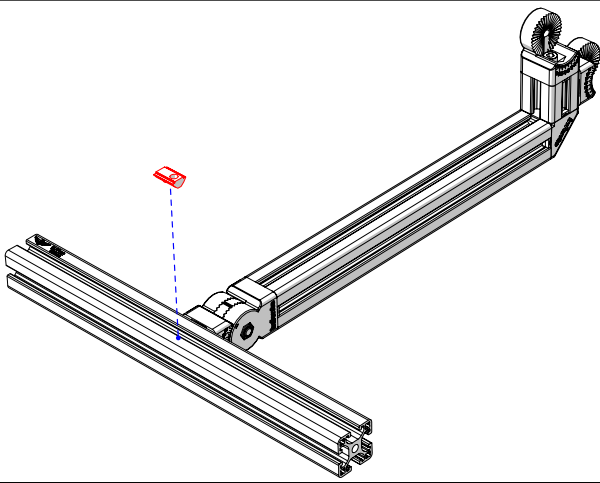
There are two different knurled discs. One for each corner ending in a 5 (5-15-25-etc. degrees), which has one stripe round the outside, and one for each corner that ends in a 0 (0-10-20-etc degrees), which has two stripes round the outside.



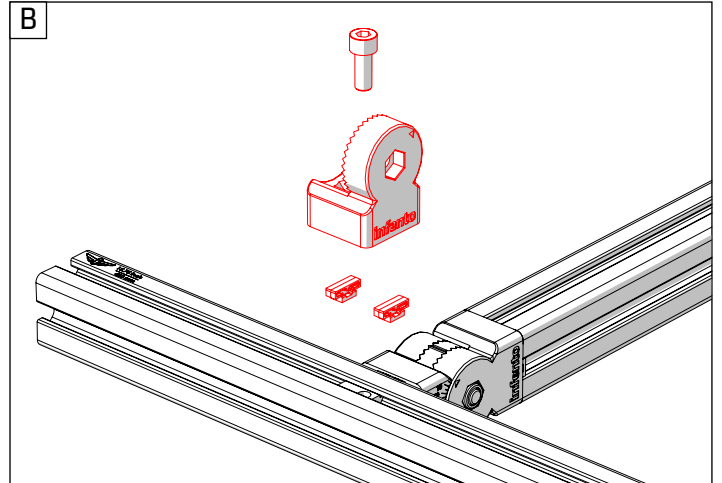
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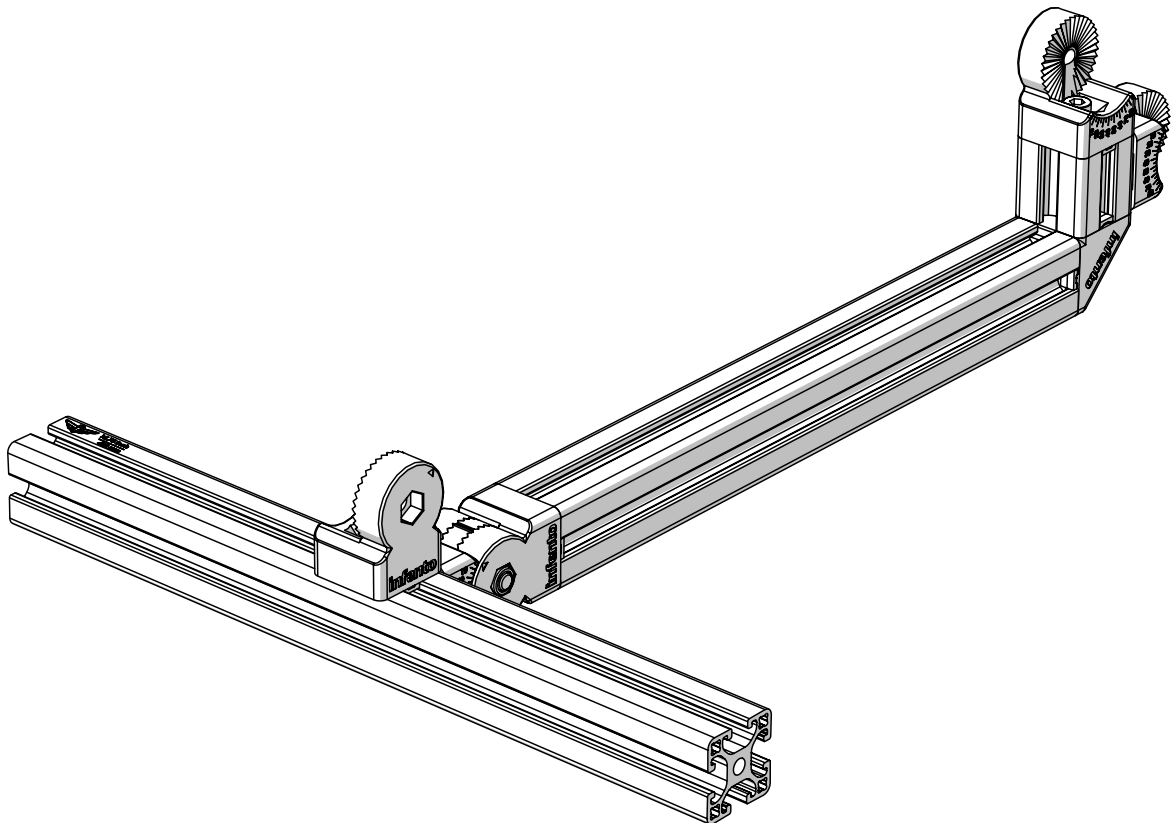
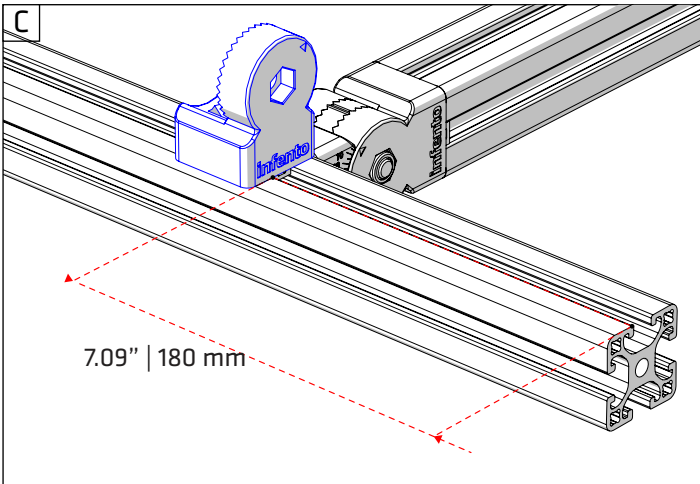
A



B



C





8

8x  
T-Positioning block

+

2x  
Bolt M8x45

+

2x  
0,2 in | 5 mm  
profile spacer

+

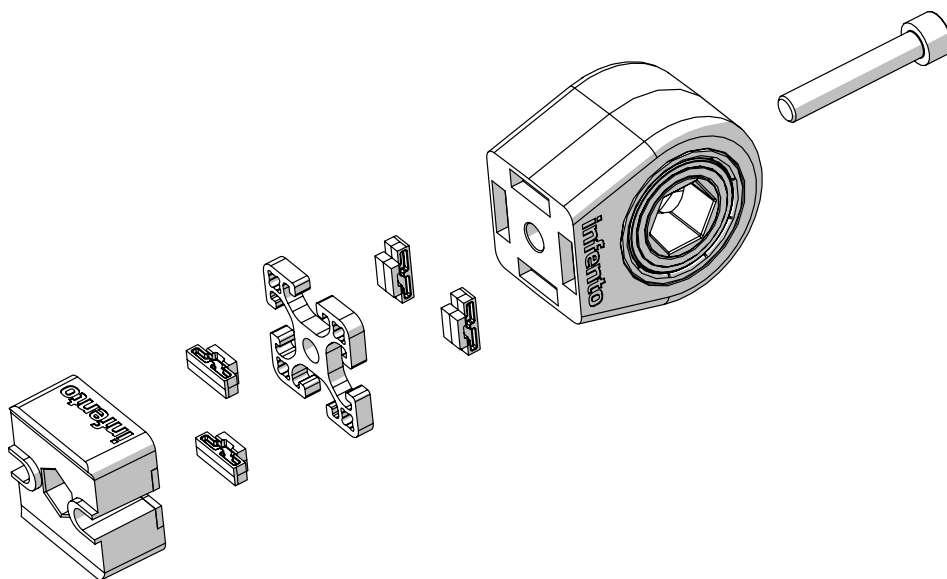
2x  
T-joint

+

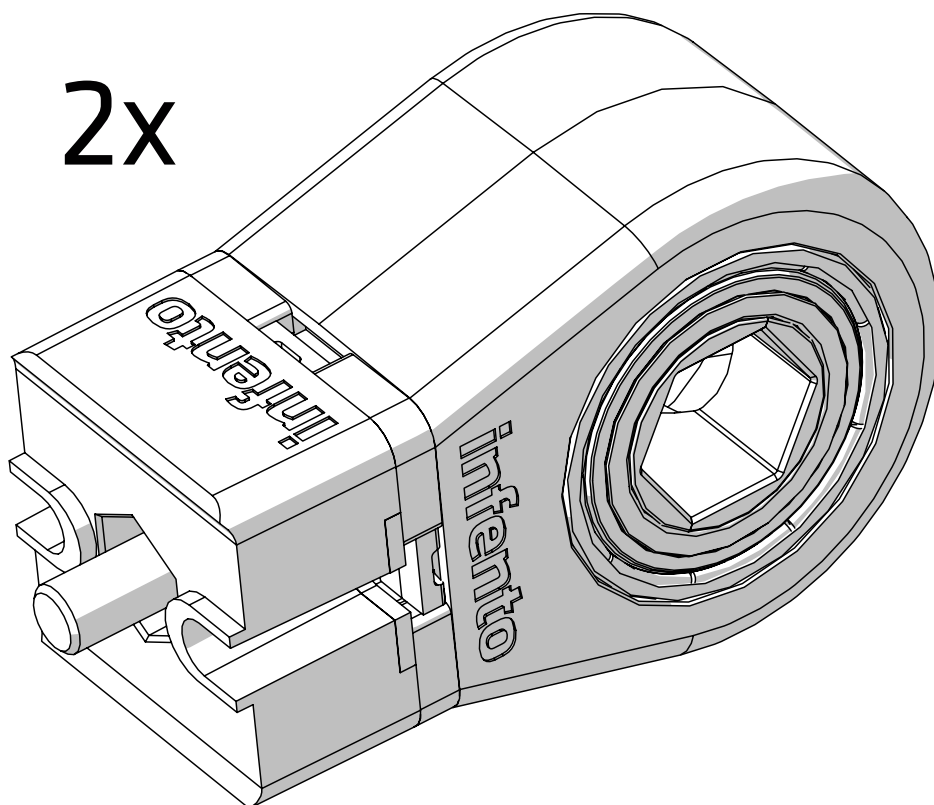
2x  
Bearing block  
40x40\_Hexa 19

Depending on your Kit,  
the T-joint might look  
like this. The new T-joint  
doubles as a profile  
connector (part A)

2x  
Profile connector (A)



2x

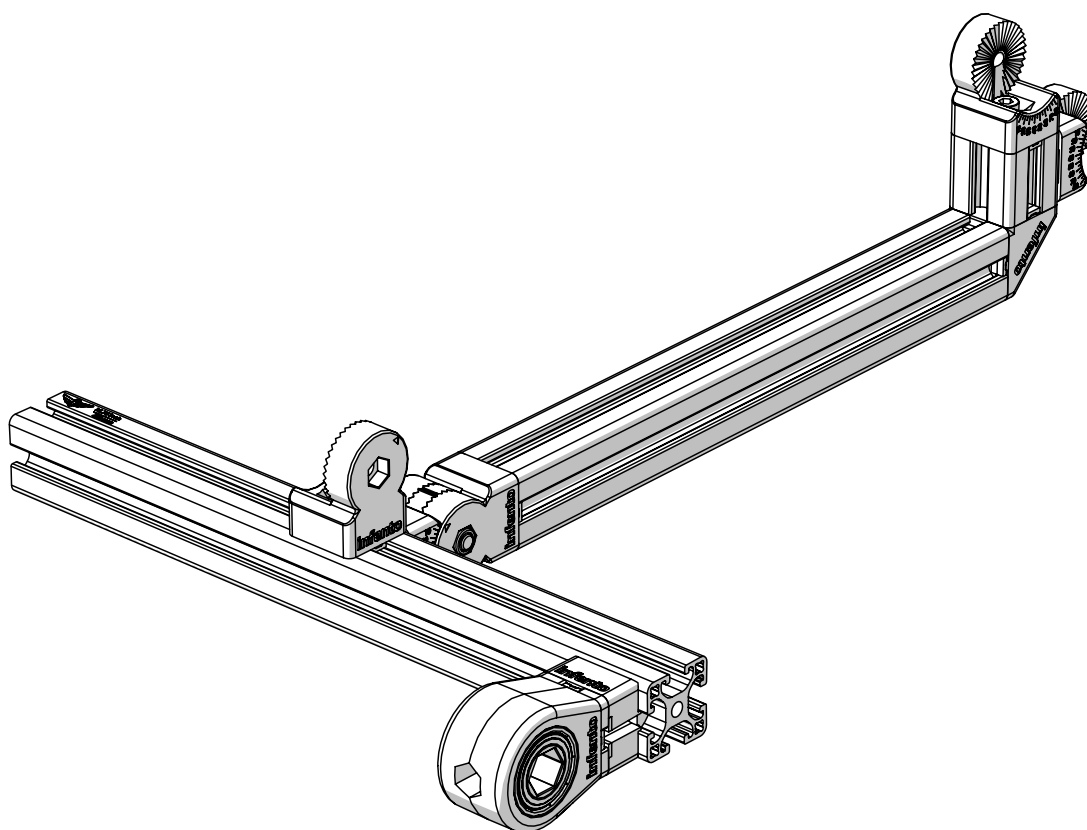
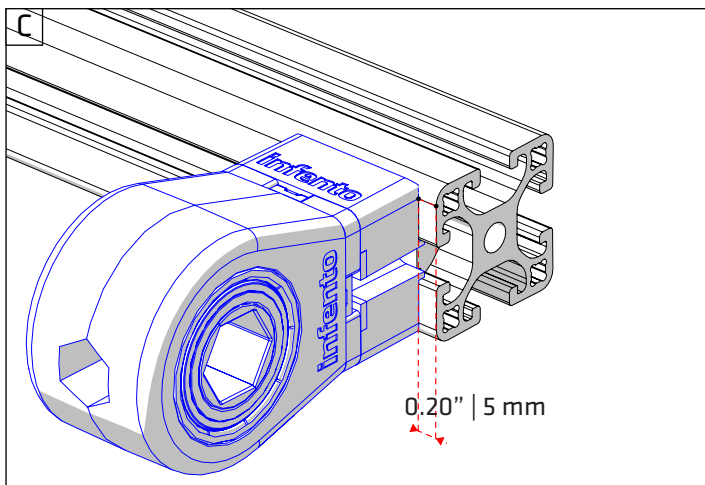
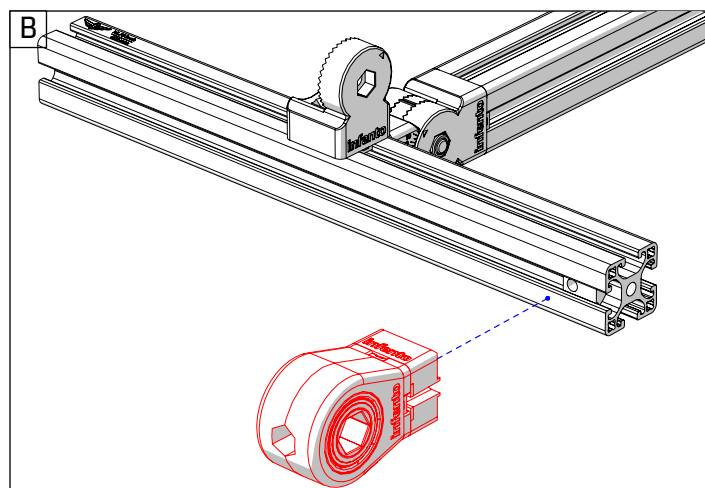
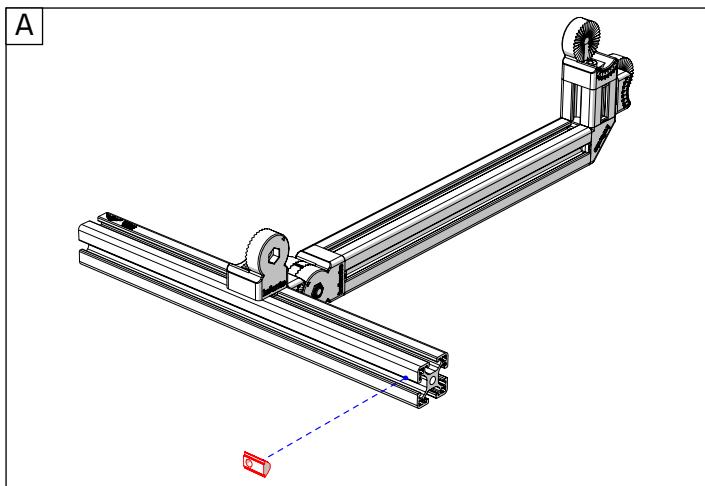




9



1x  
Profile nut short

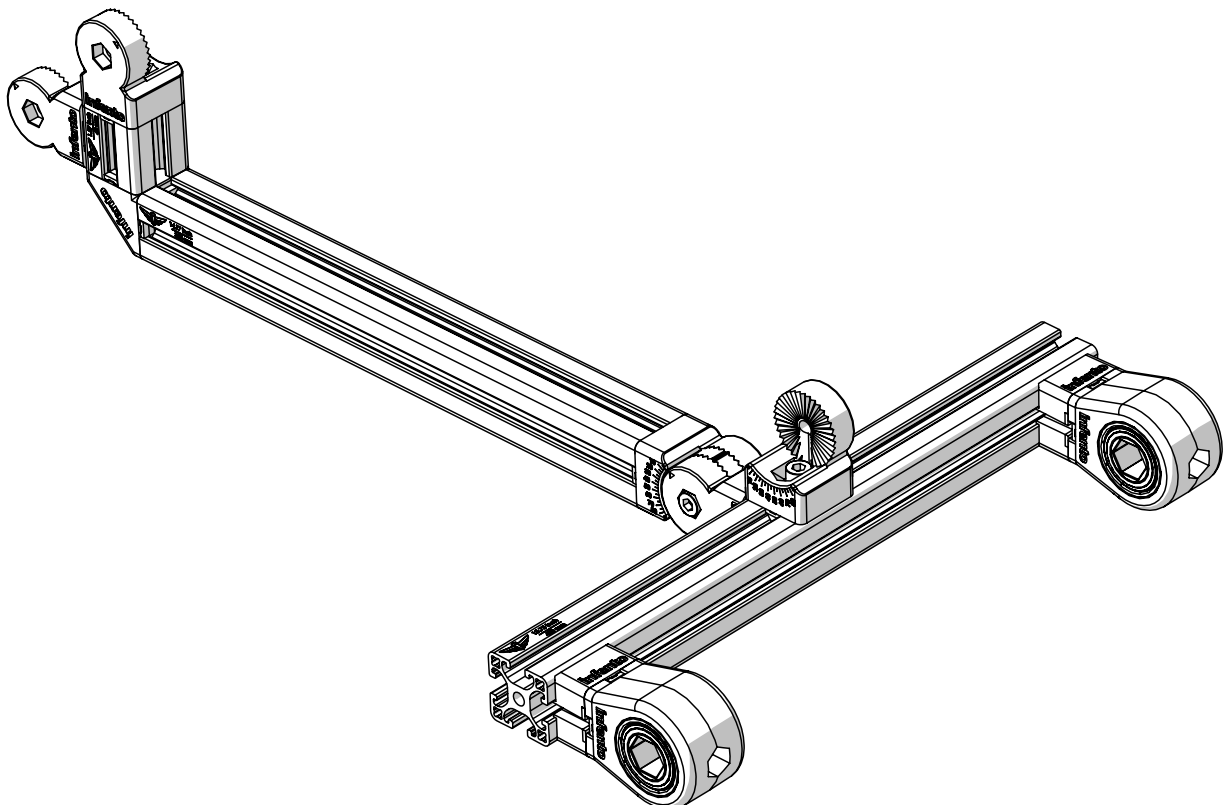
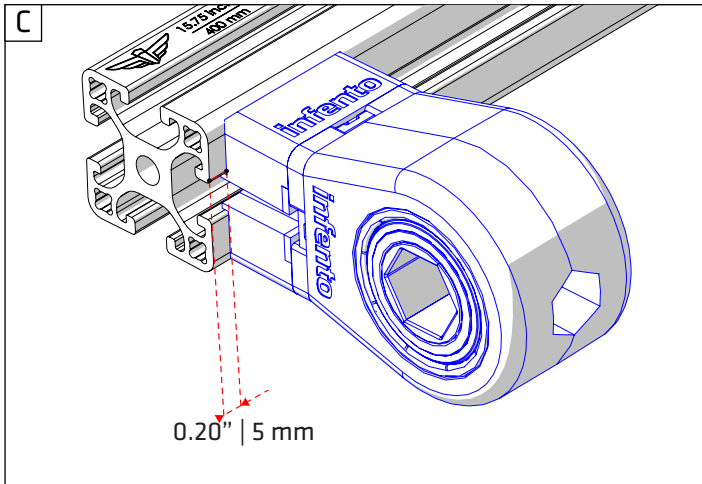
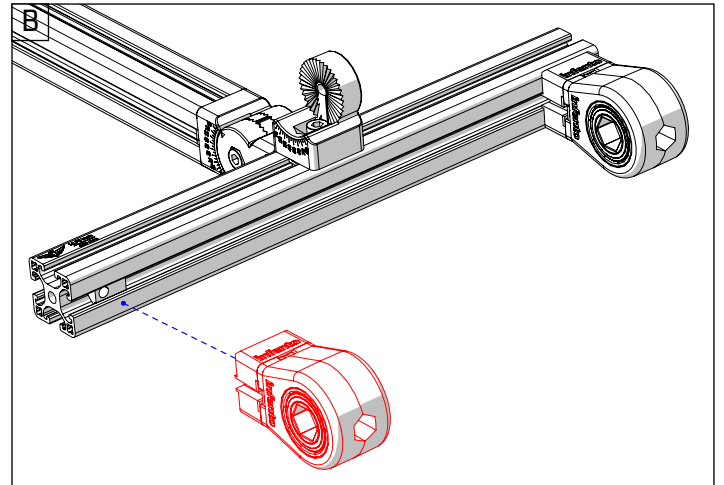
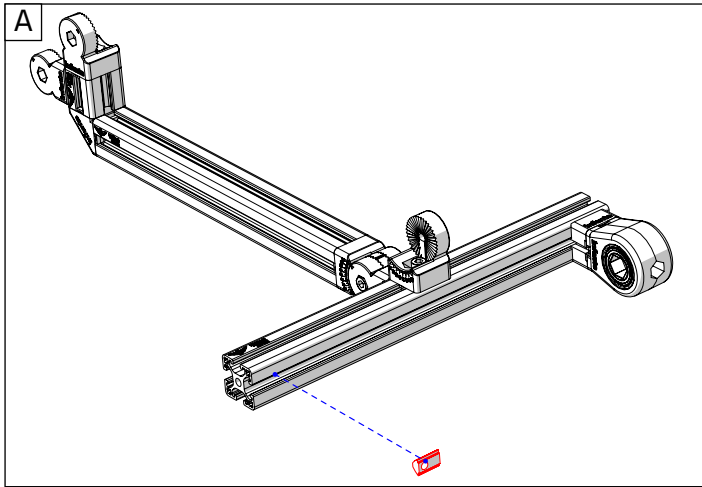




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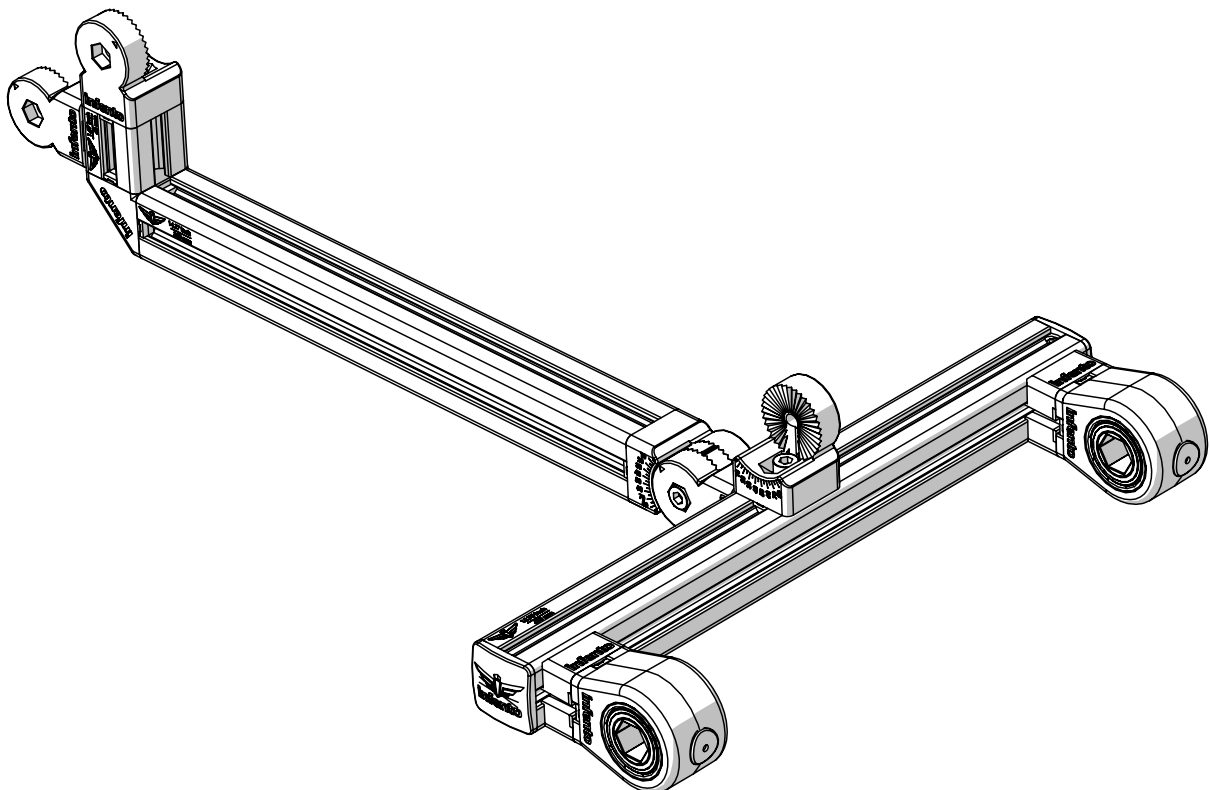
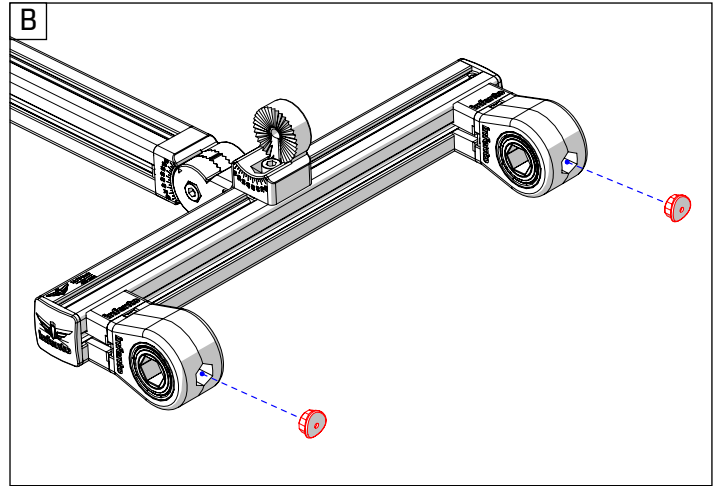
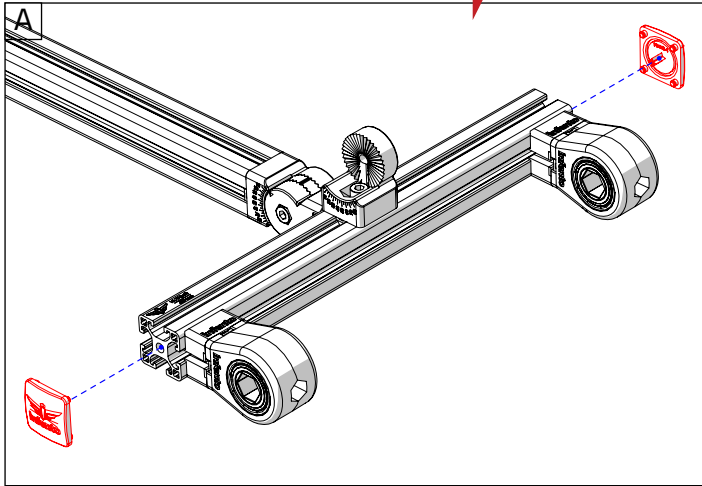
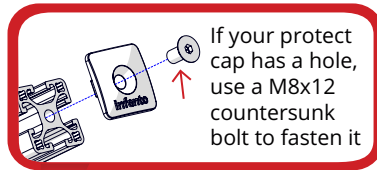
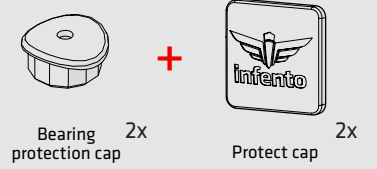


1x  
Profile nut short



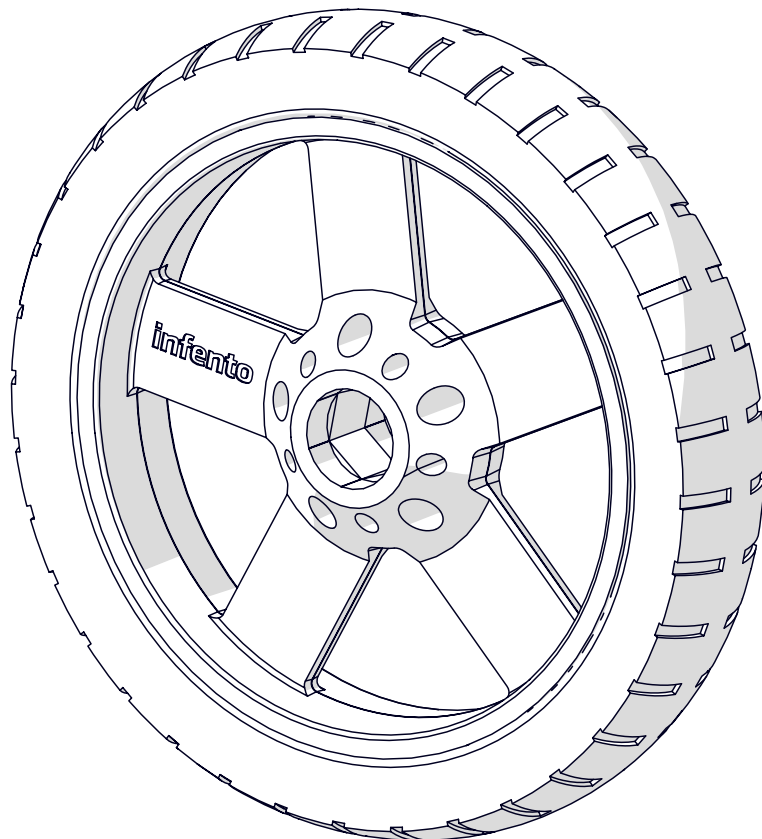
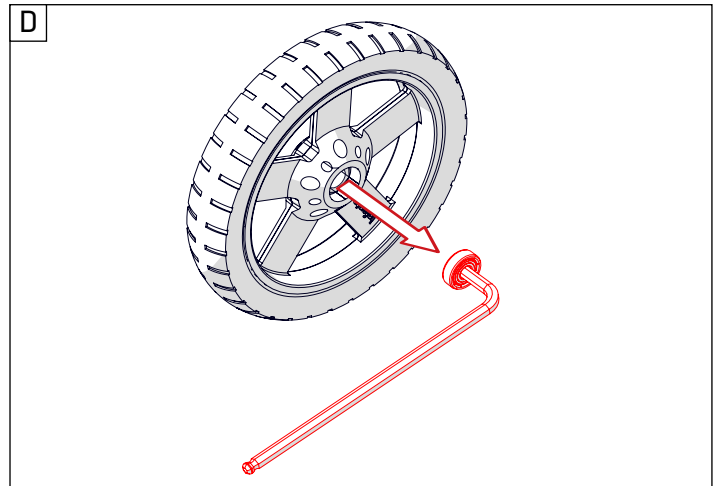
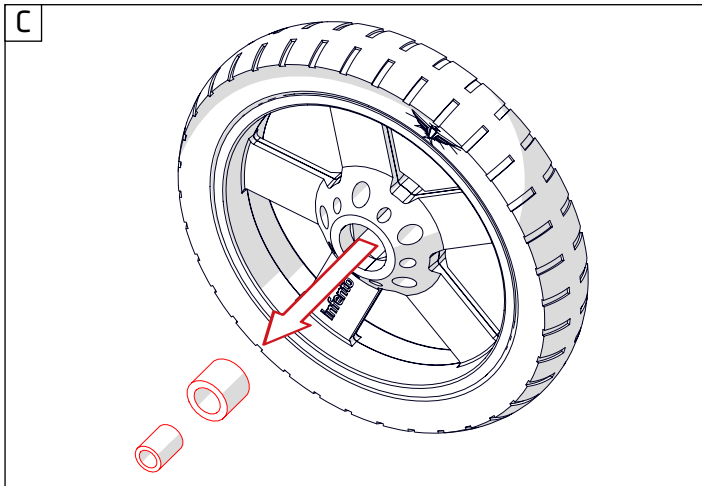
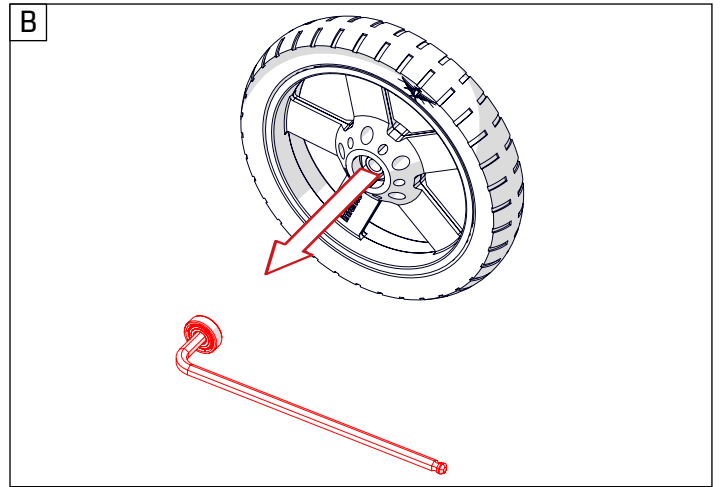
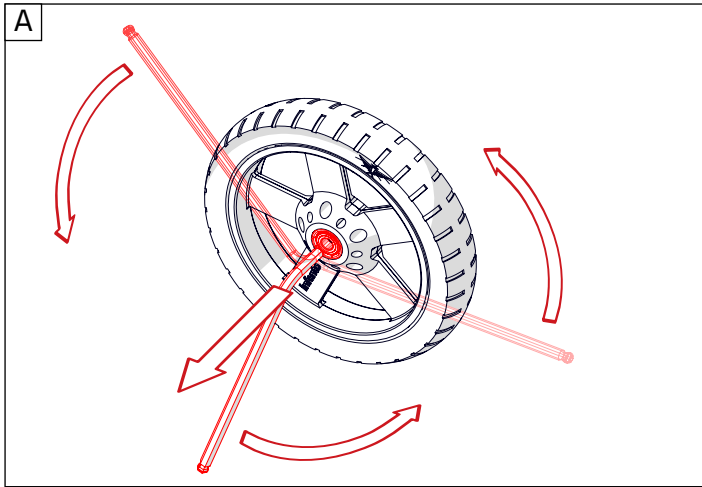
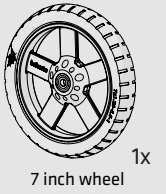


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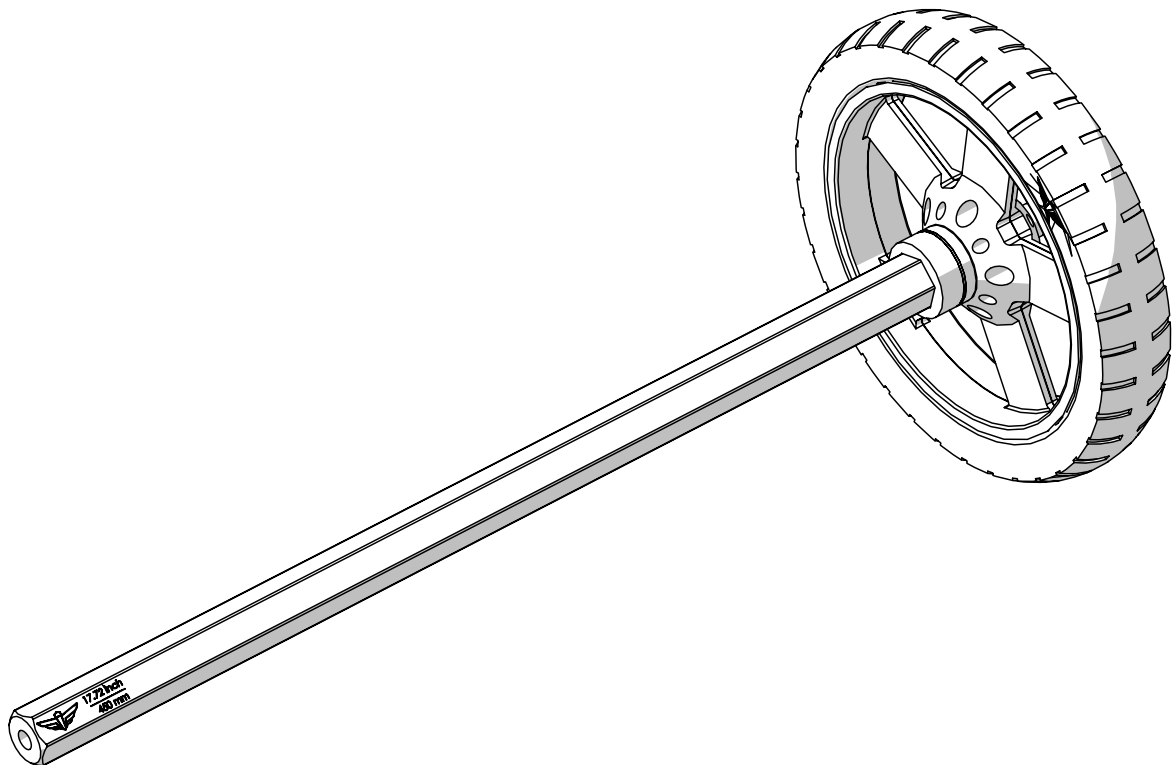
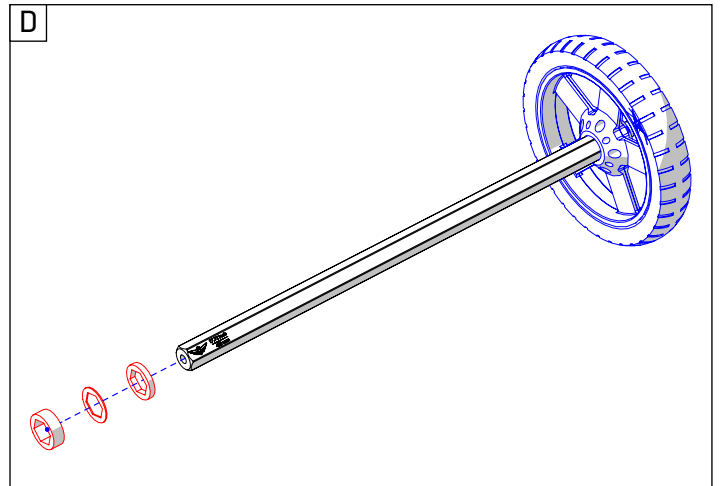
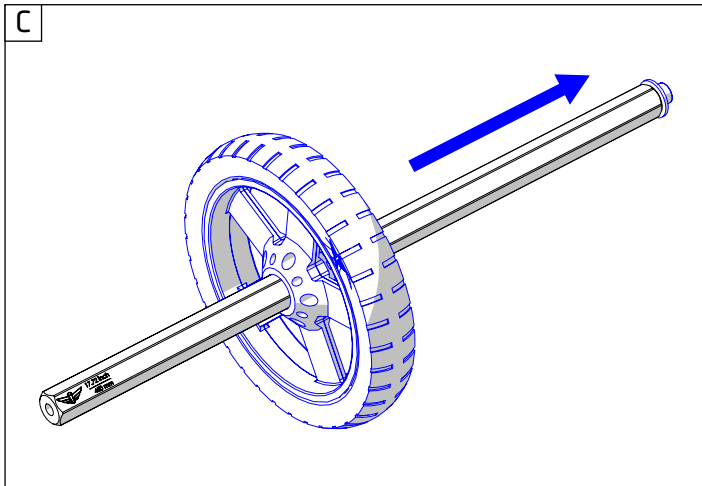
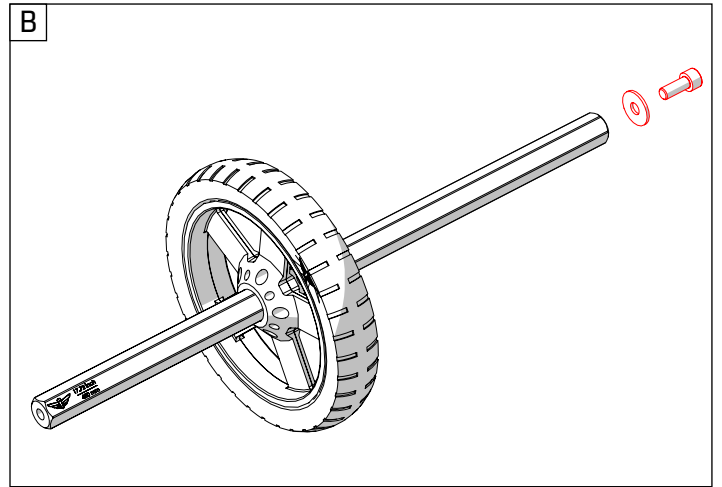
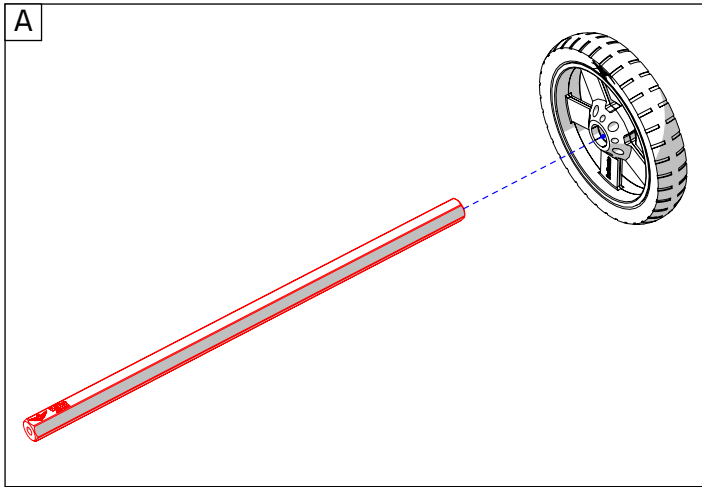
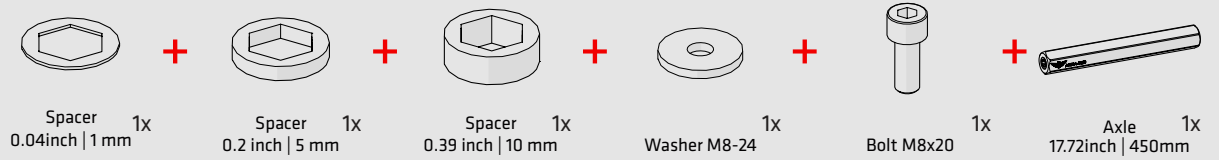


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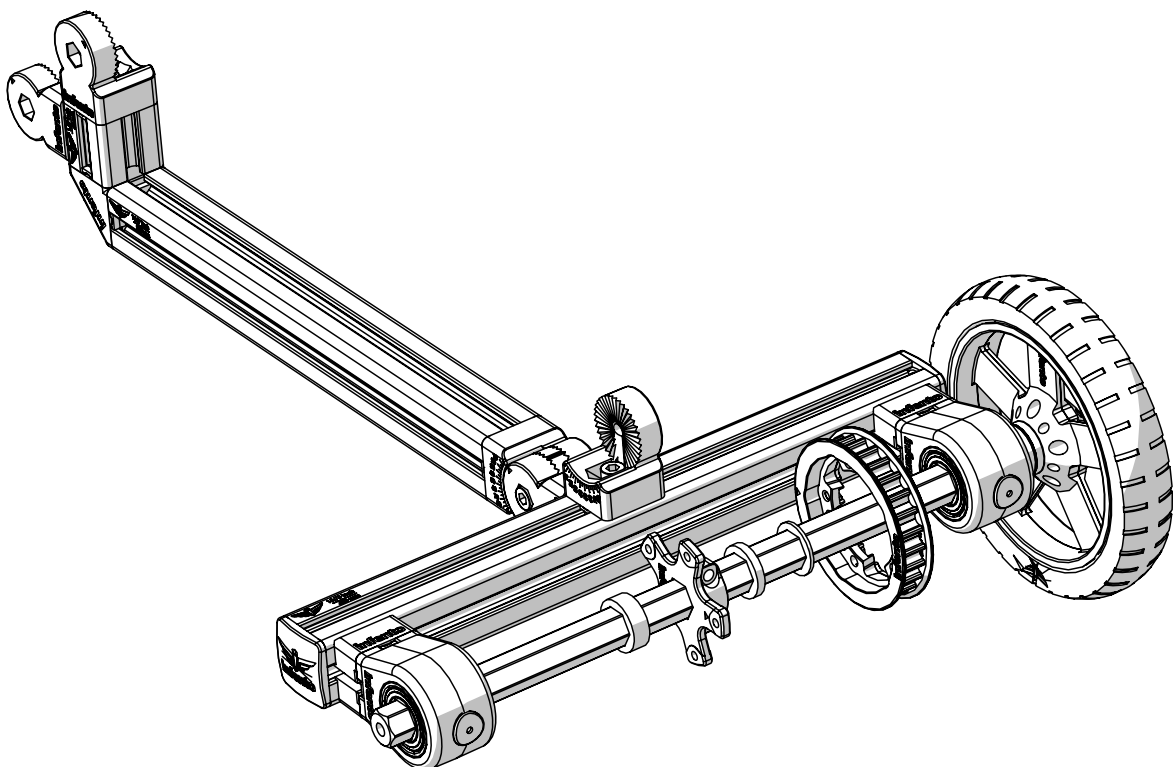
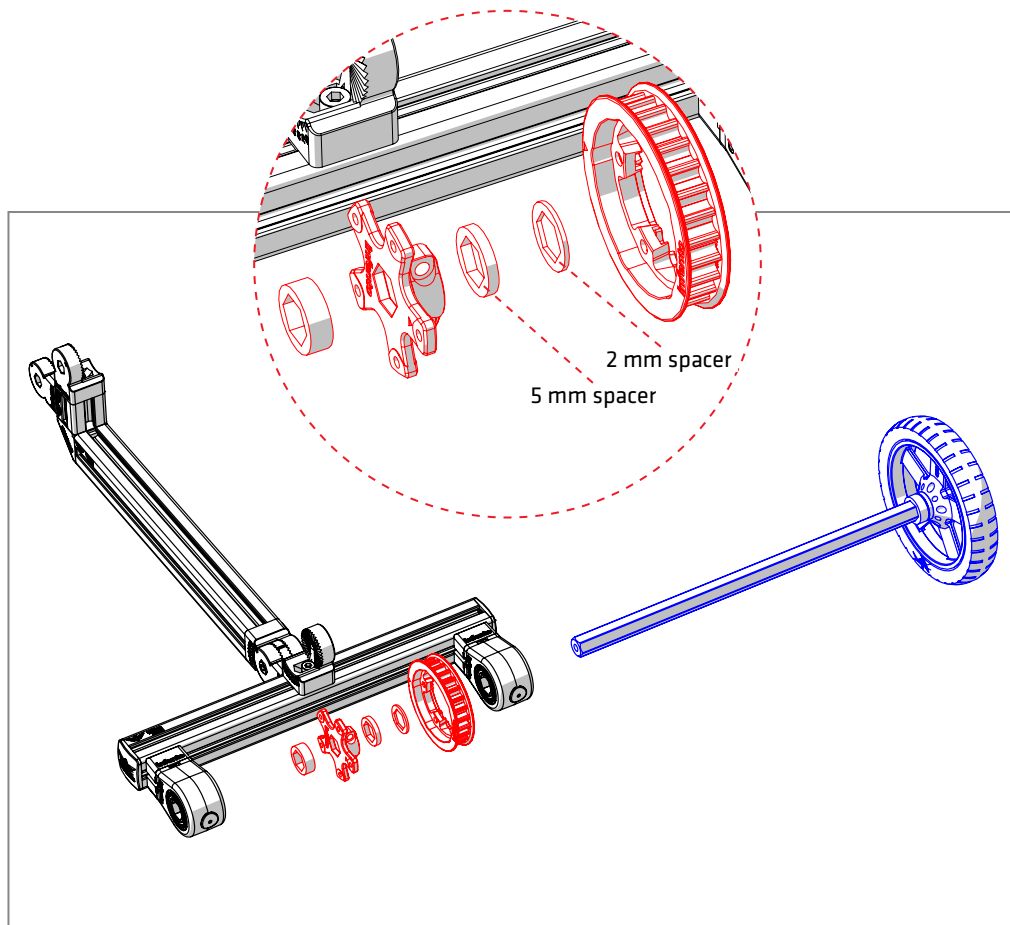
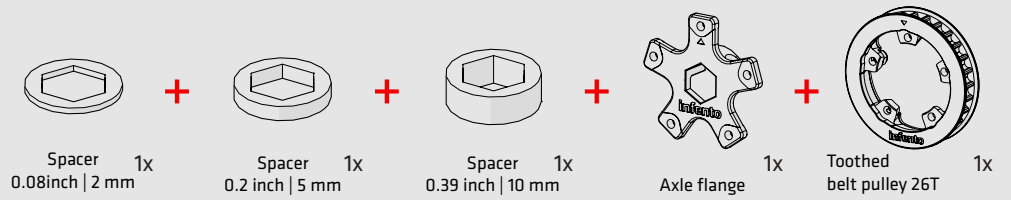


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14





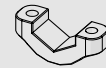
15



Bolt M6x20

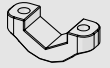
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4x

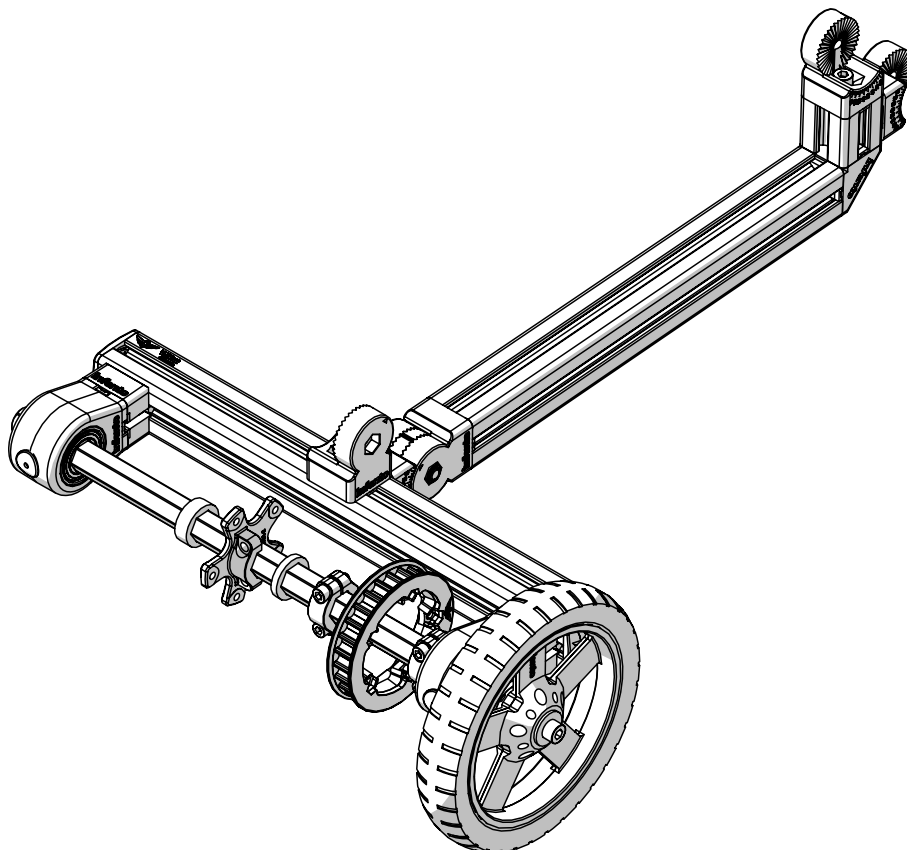
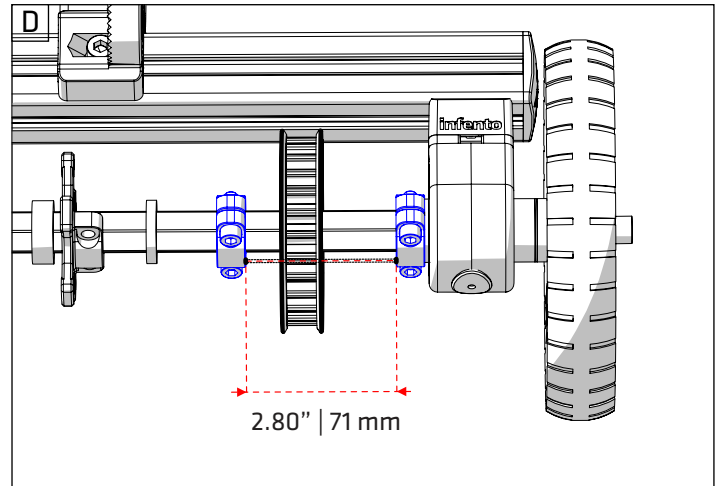
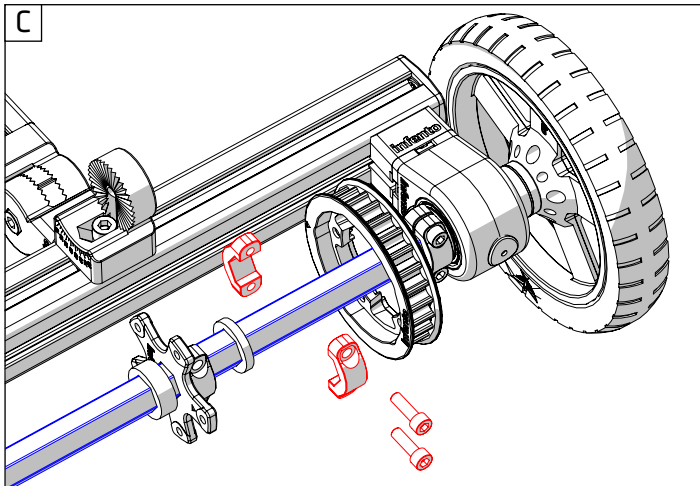
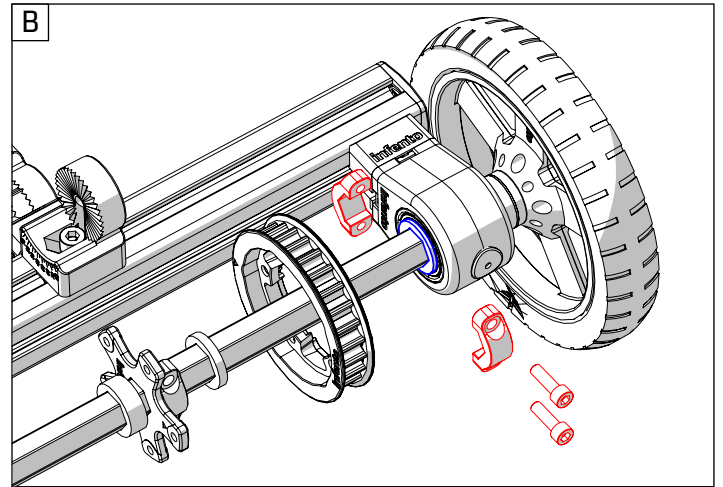
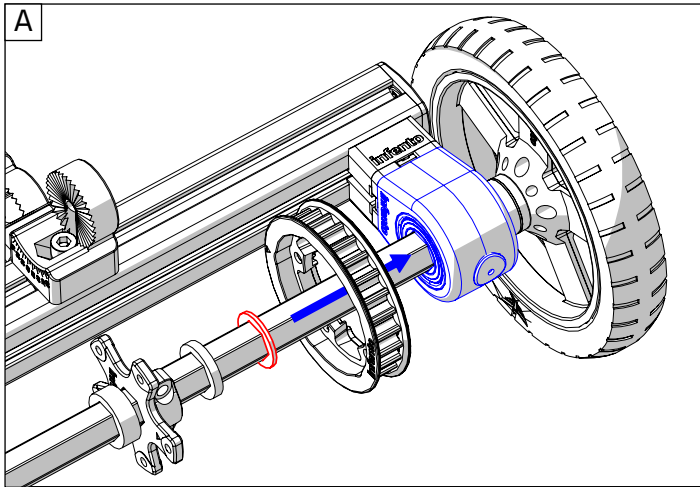


Clamping part  
holes with M6 thread

+






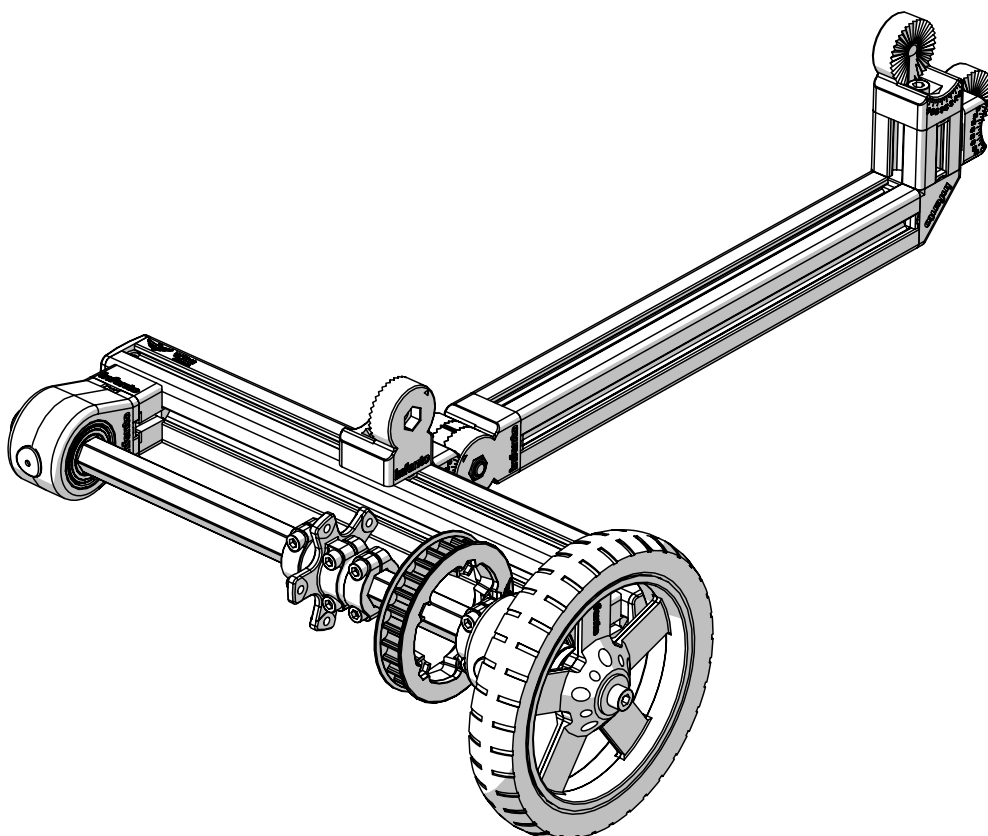
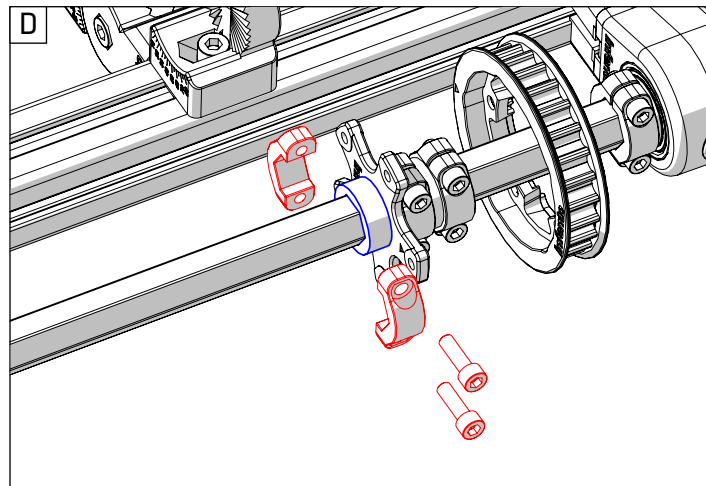
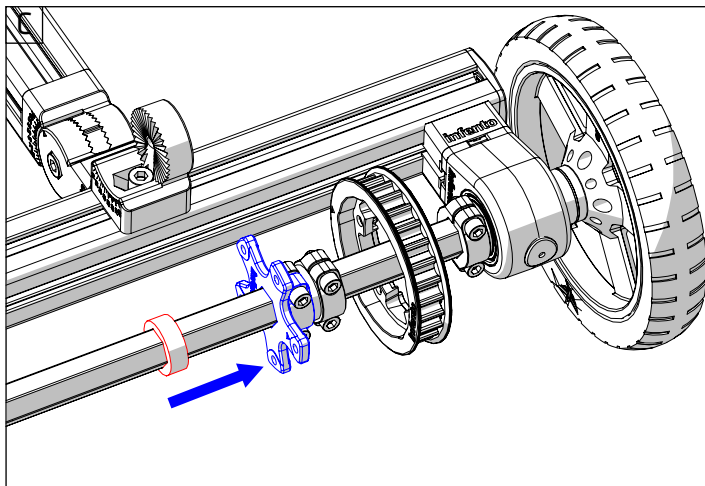
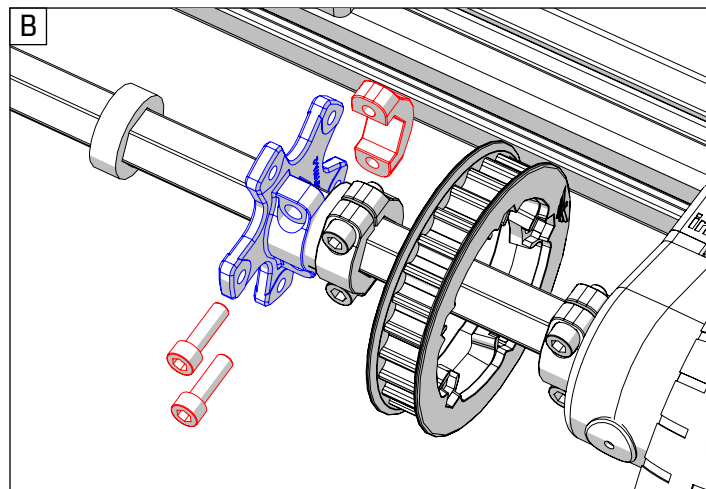
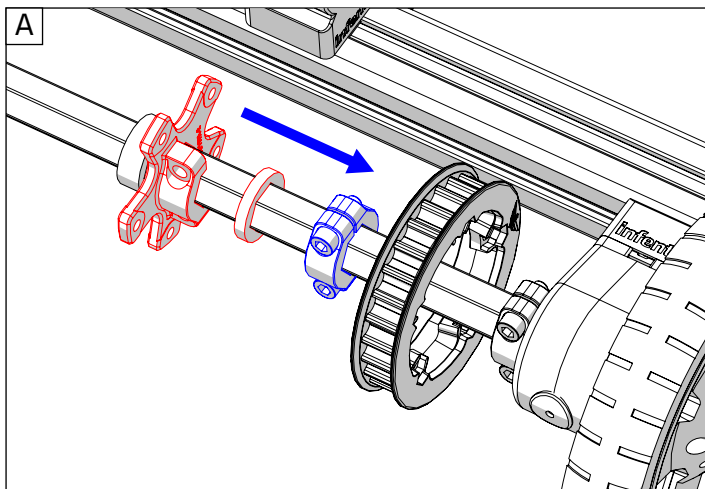
Clamping part  
holes without thread





16

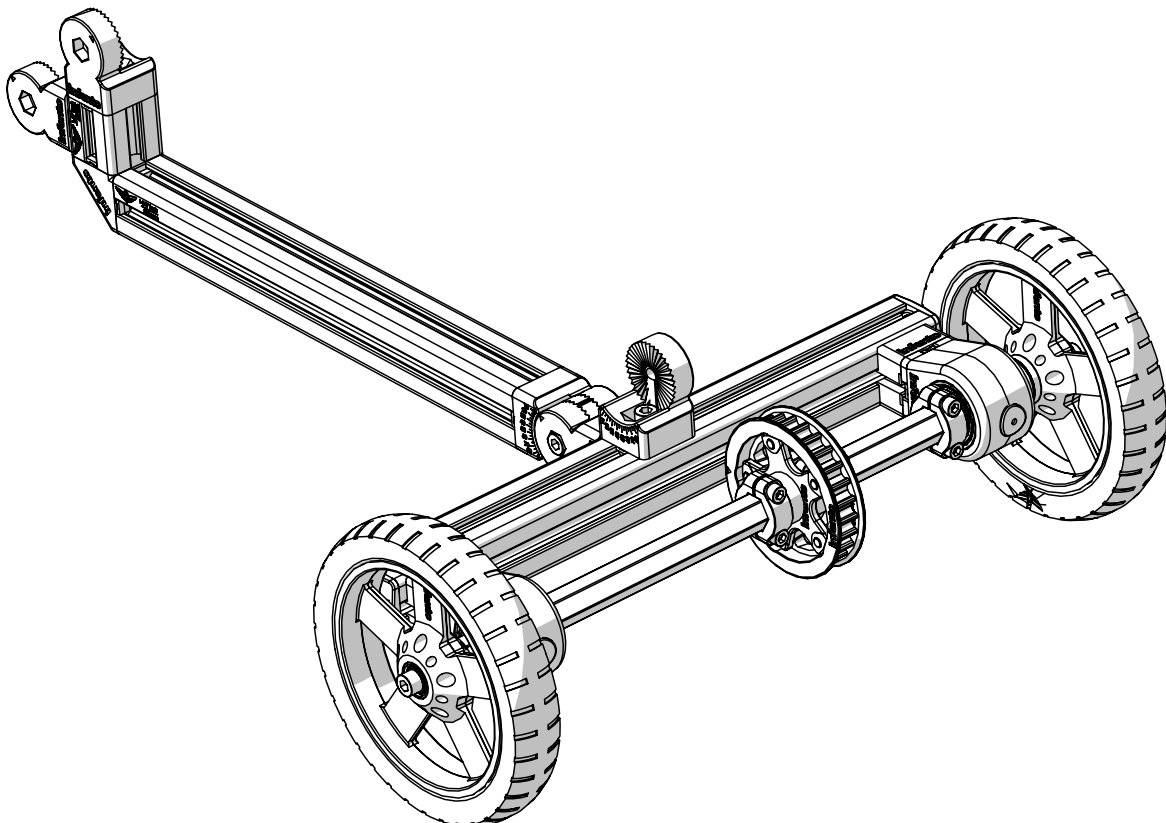
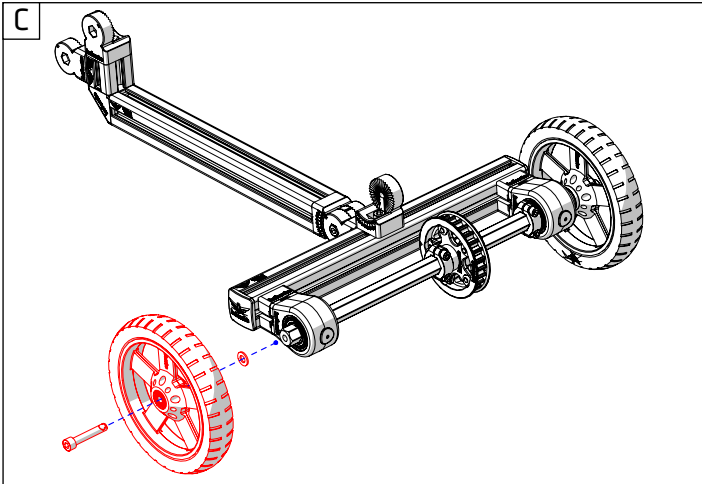
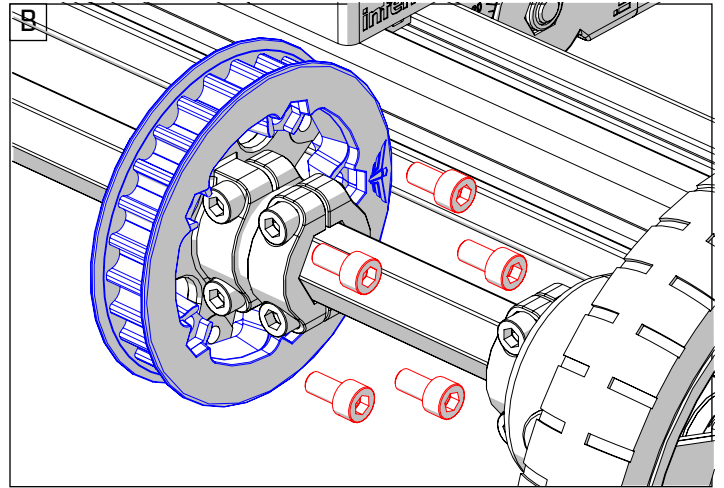
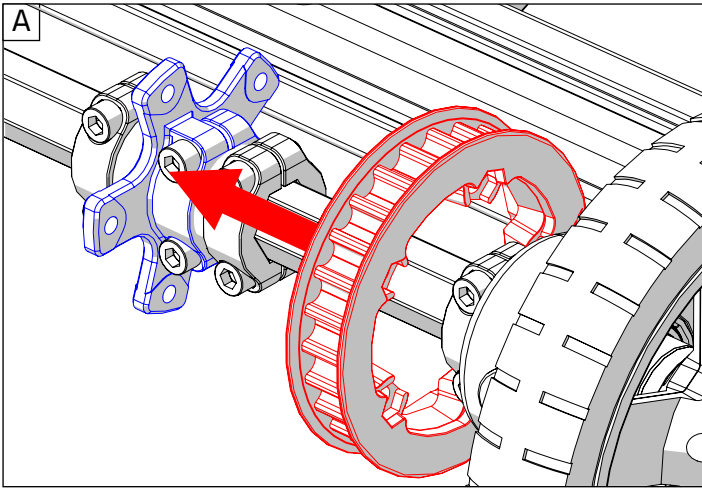
 4x Bolt M6x20  
 2x Clamping part holes with M6 thread  
 1x Clamping part holes without thread





17

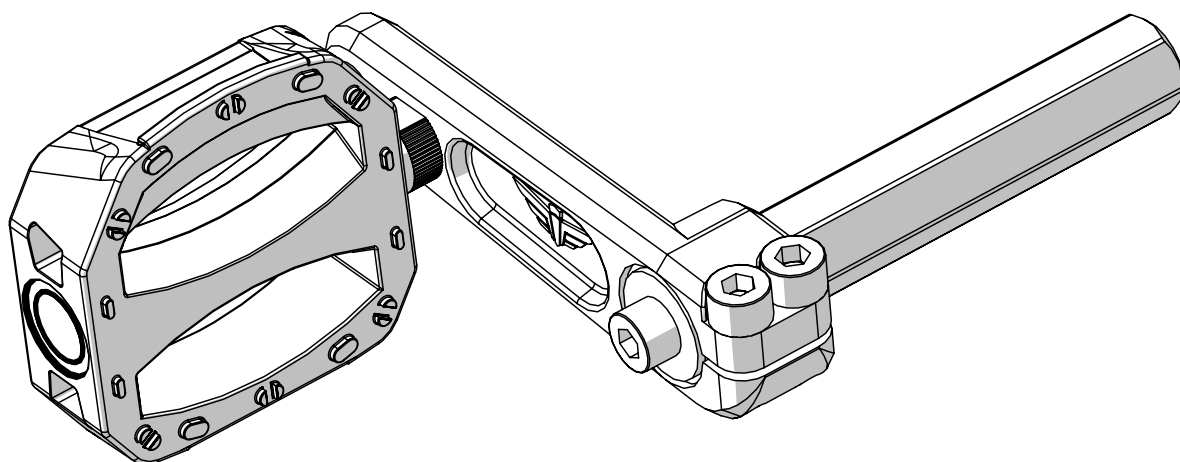
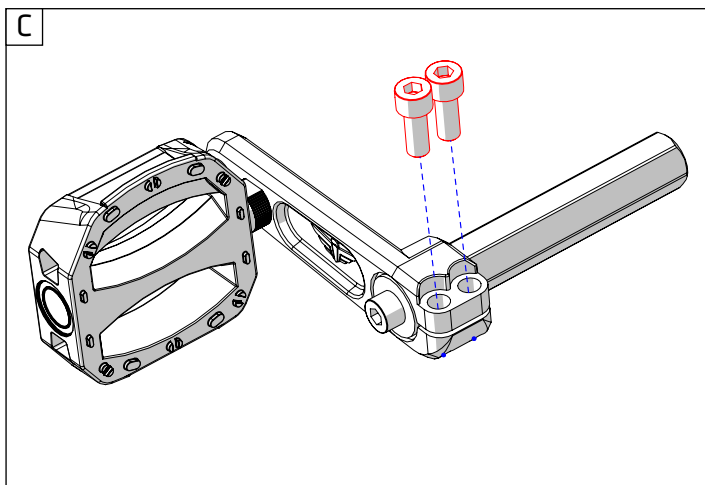
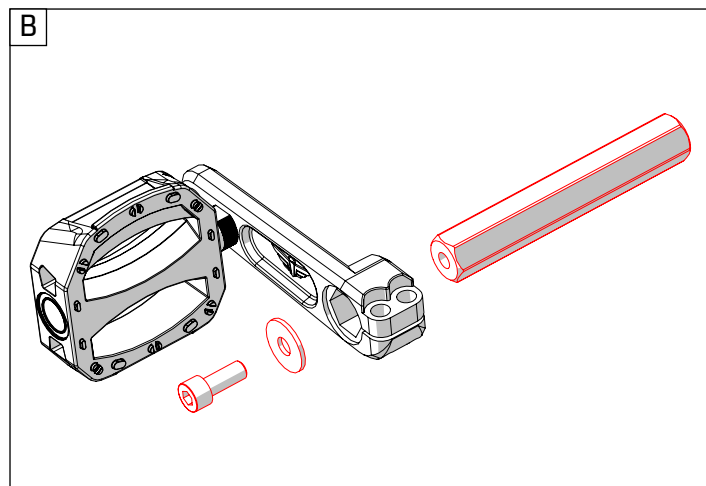
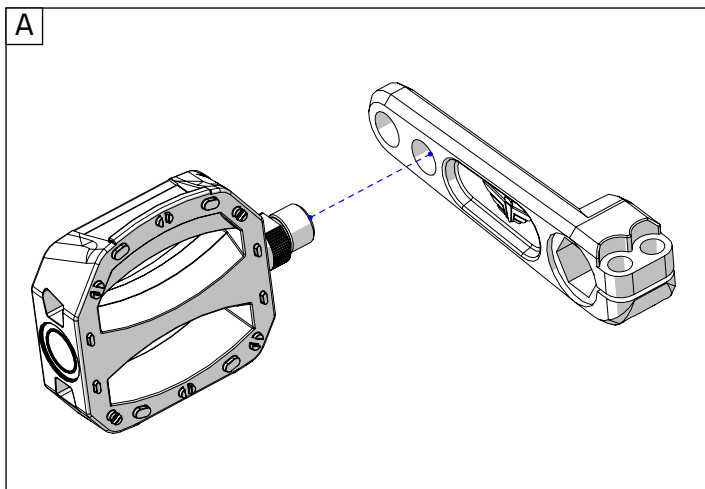
Washer M8-16 1x + Bolt M8x45 nylock 1x + 7 inch wheel 1x + Bolt M6x12 5x





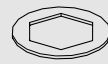
18

Bolt M8x20 3x + Washer M8-24 1x + Axle 4.8 inch | 122 mm 1x + Pedal left 1x + Crank left 1x



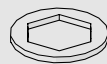


19



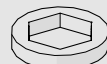
Spacer 1x  
0.04inch | 1 mm

+



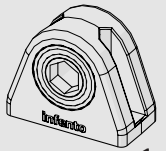
Spacer 2x  
0.08inch | 2 mm

+

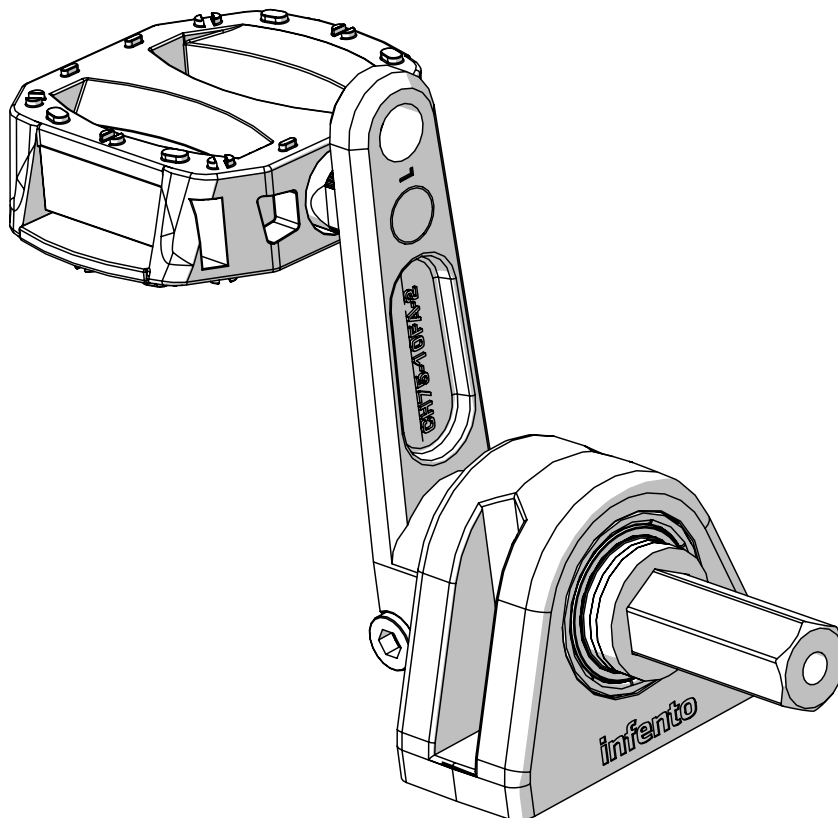
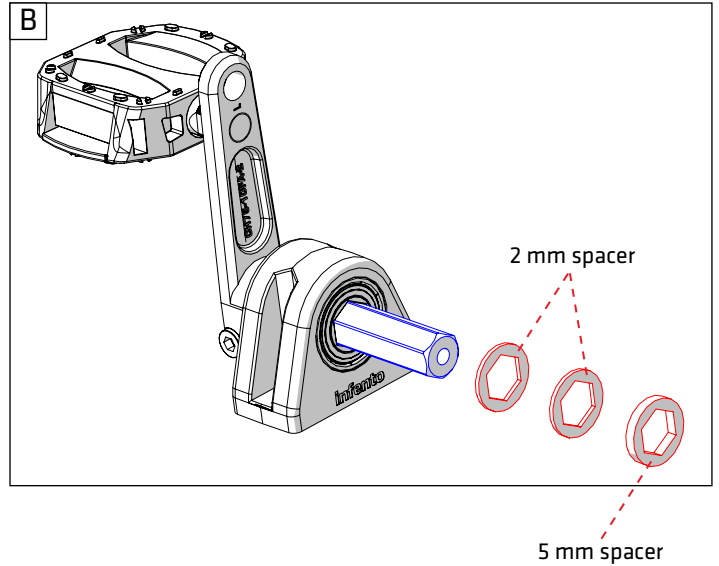
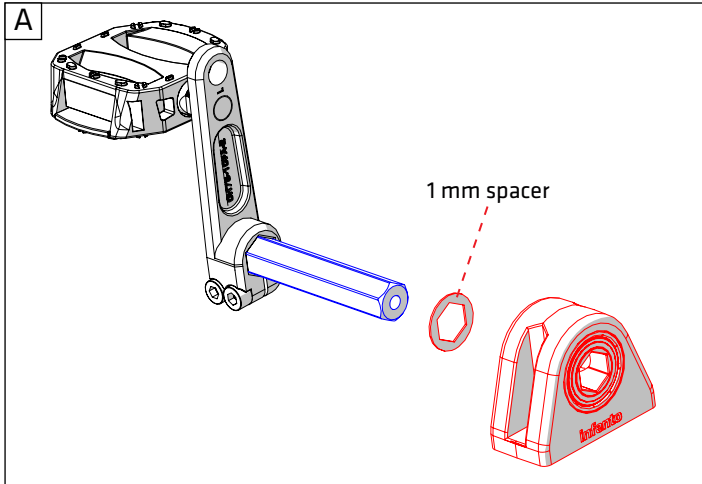


Spacer 1x  
0.2 inch | 5 mm

+



Bearingblock 1x  
40x80\_hexa 19





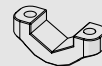
20



Bolt M6x20

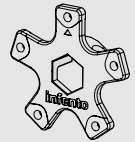
2x

+



Clamping part  
holes with M6 thread

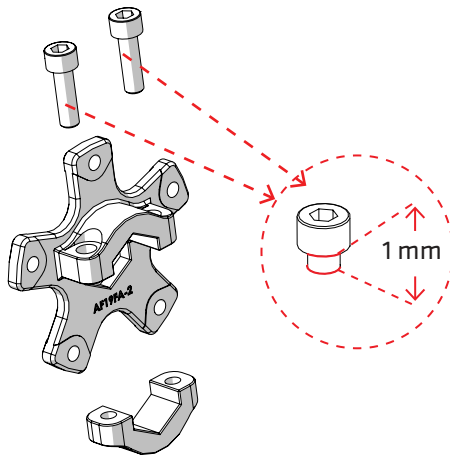
+



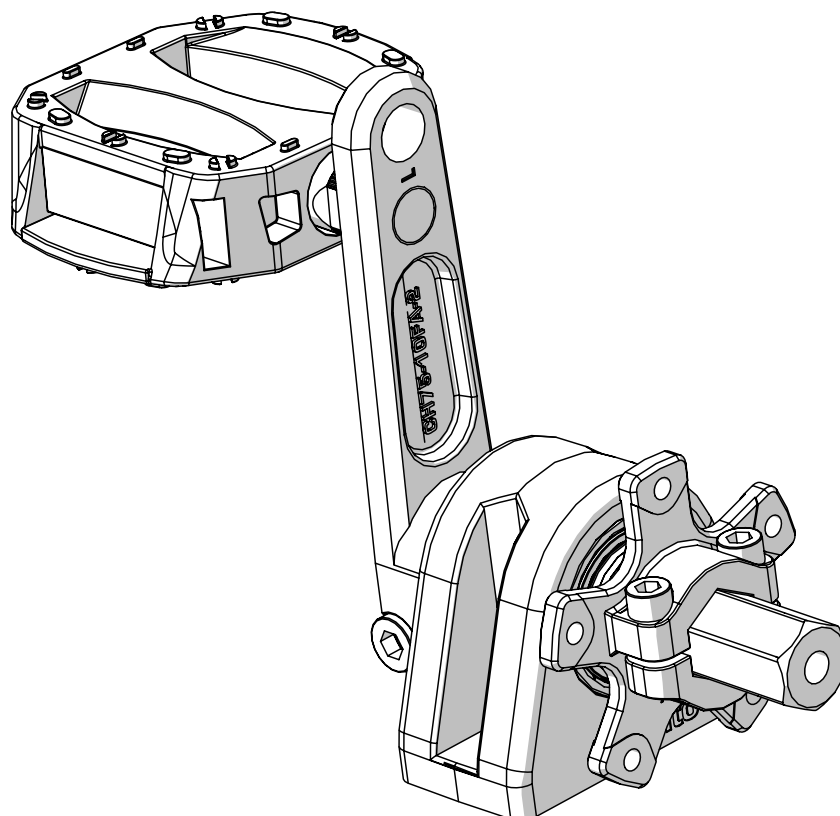
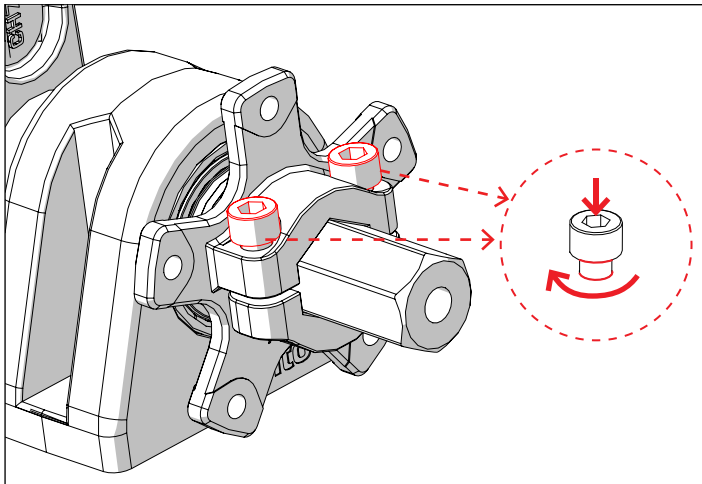
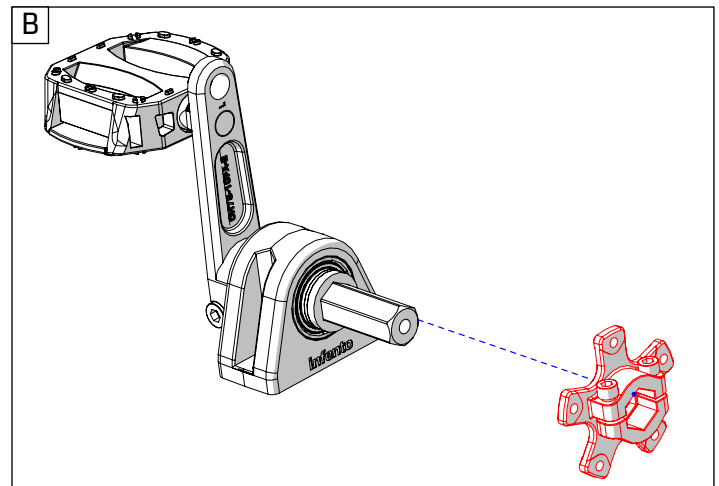
Axle flange

1x

A



B





21



Bolt M6x12

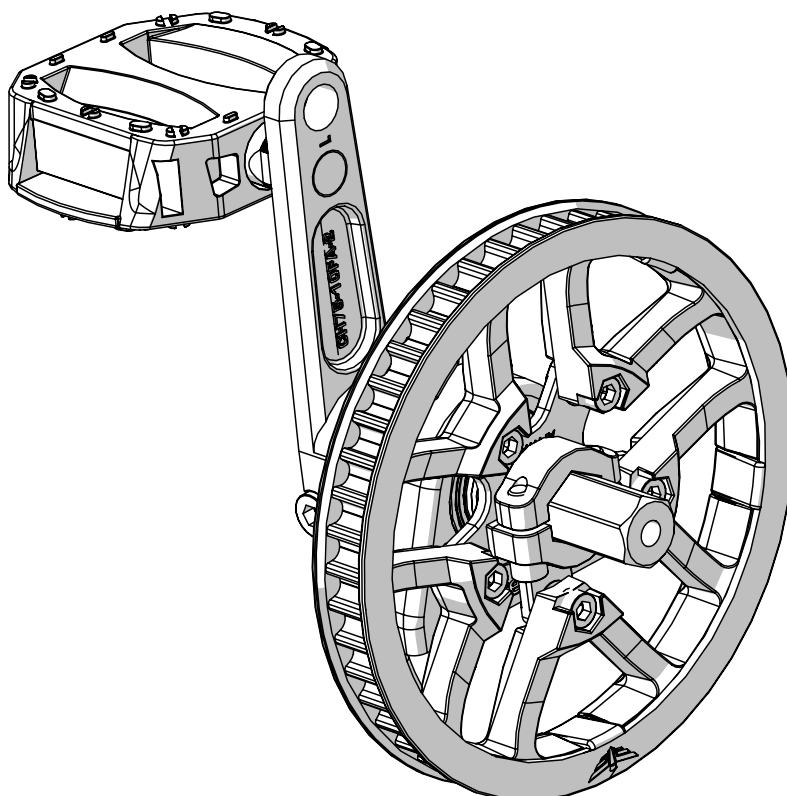
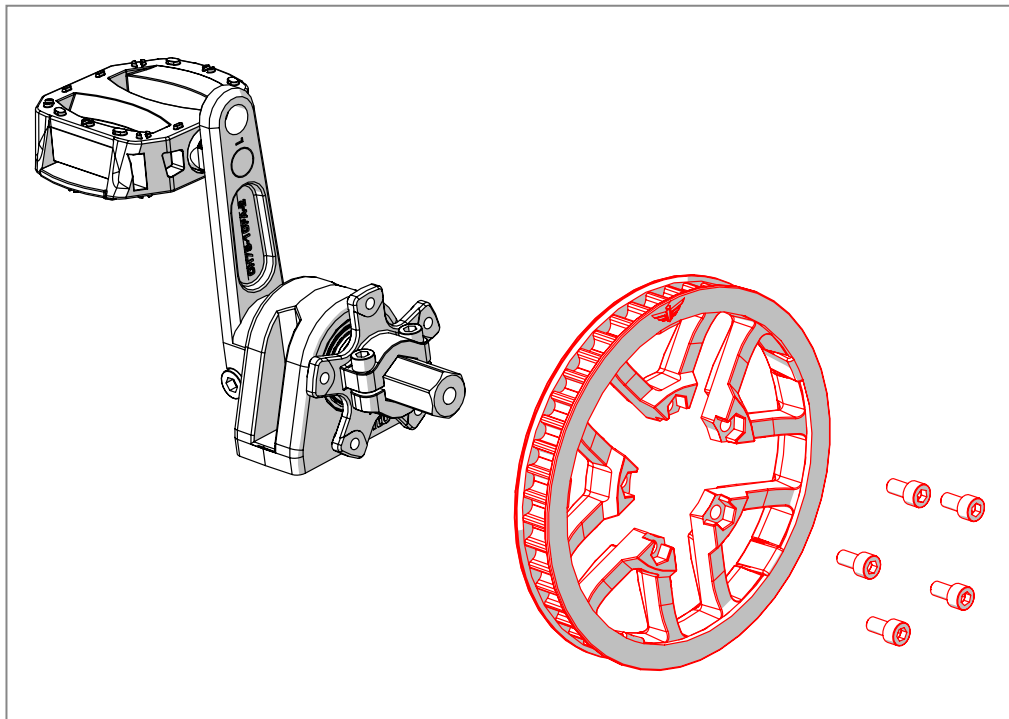
+



Toothed  
belt pulley 46T

5x

1x





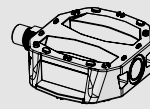
22



Bolt M8x20

2x

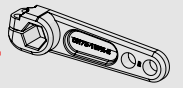
+



Pedal right

1x

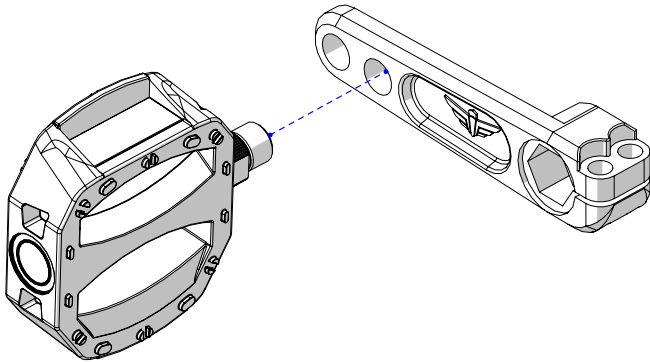
+



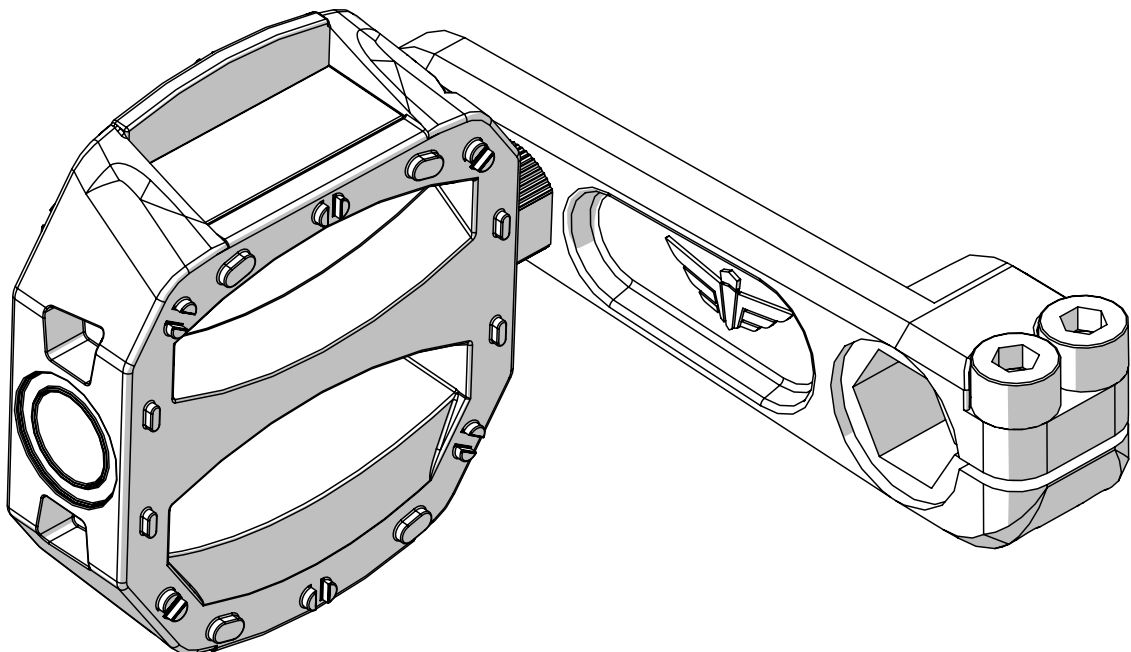
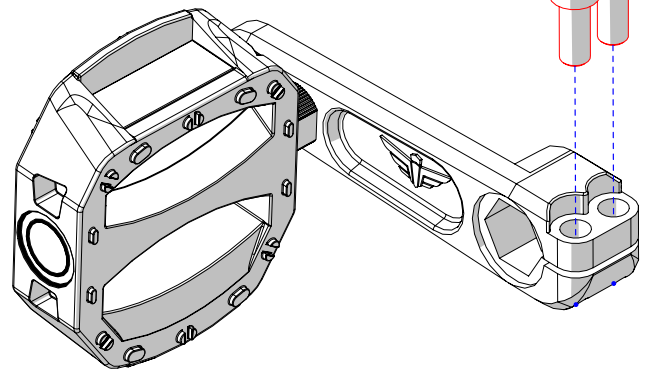
Crank right

1x

A

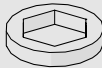






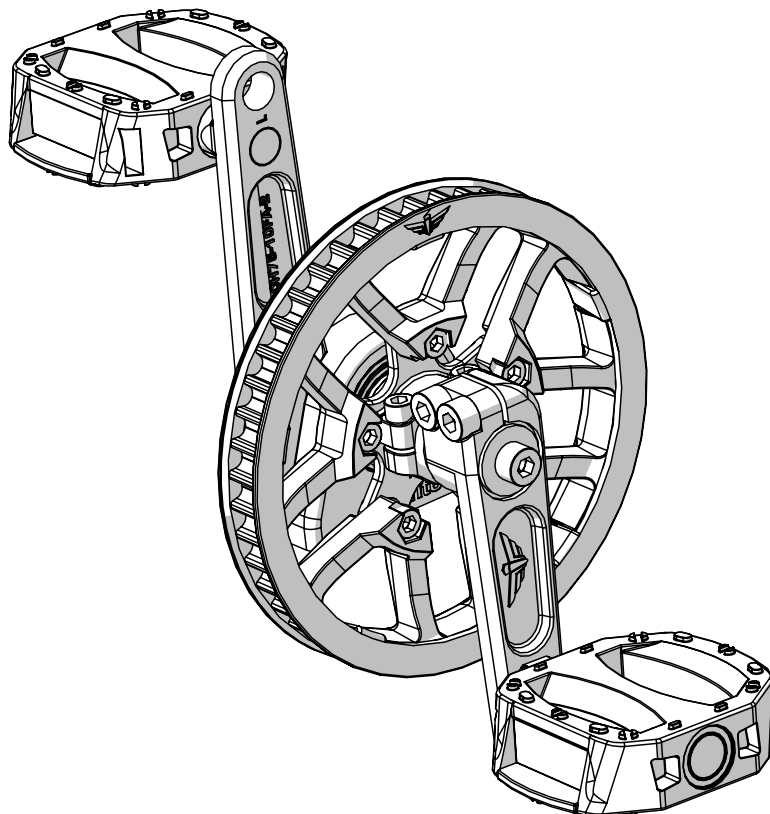
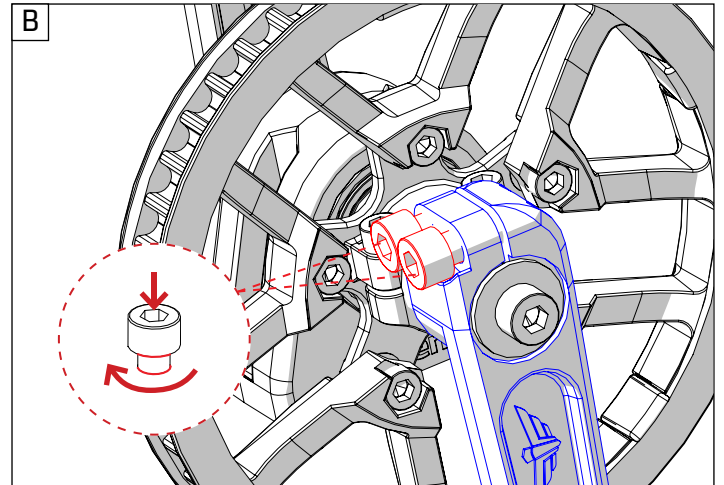
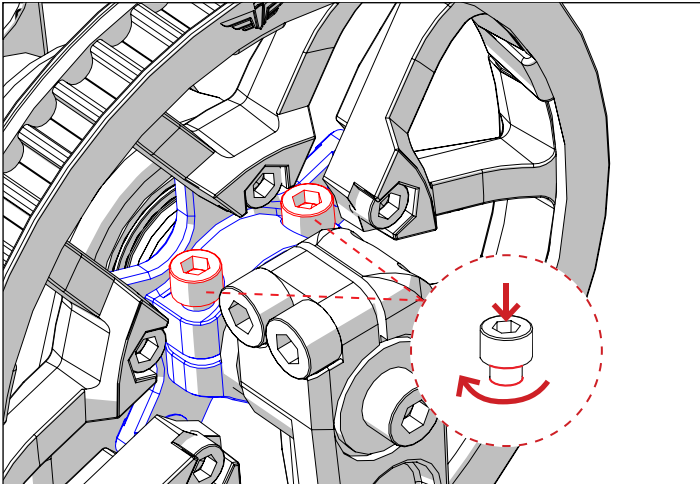
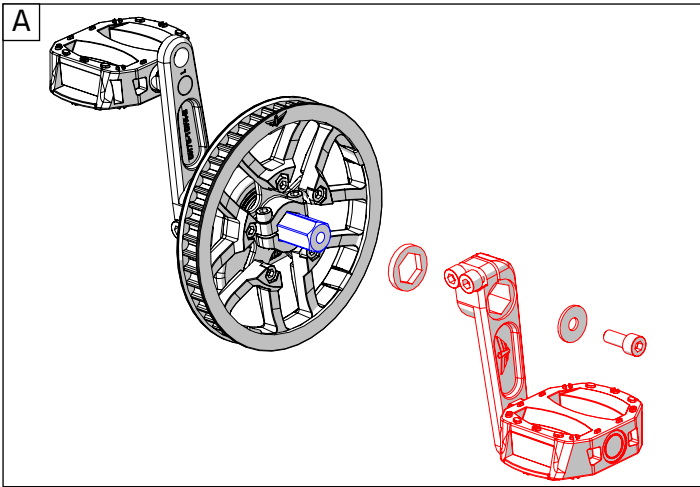
B





23

      
Spacer 1x  
0.2 inch | 5 mm Bolt M8x20 1x Washer M8-24 1x





24



Bolt M8x20

2x

+



T-Positioning block

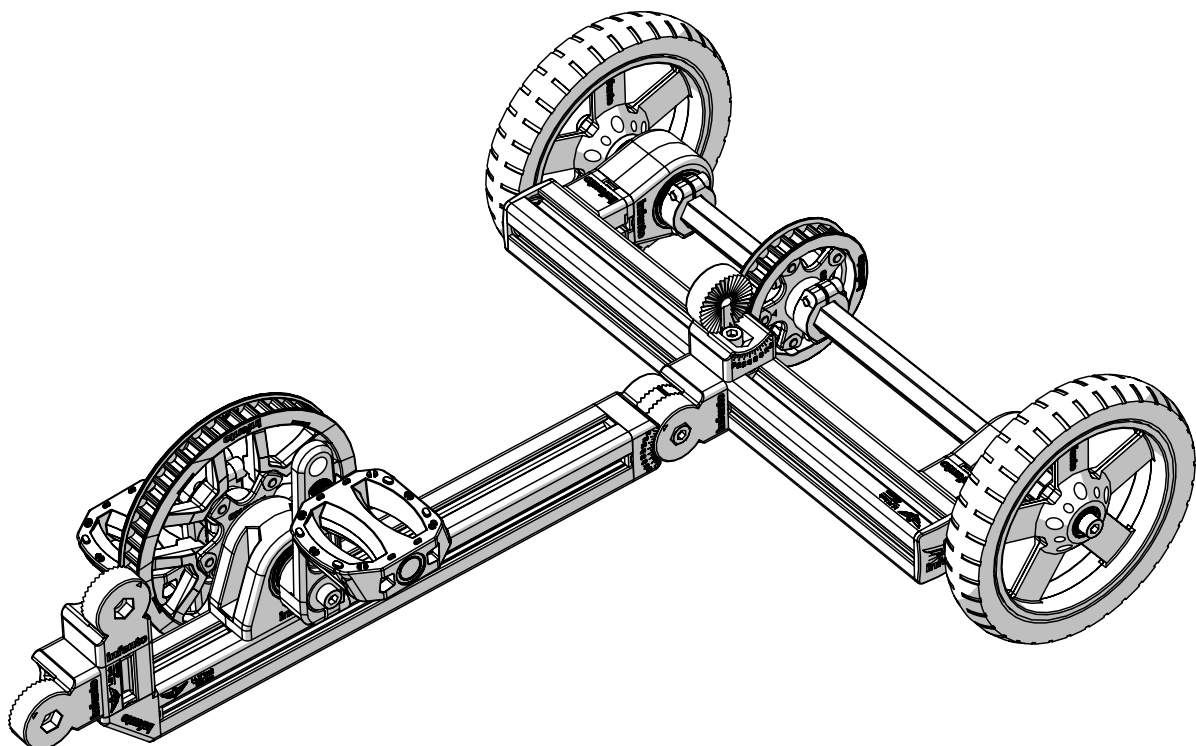
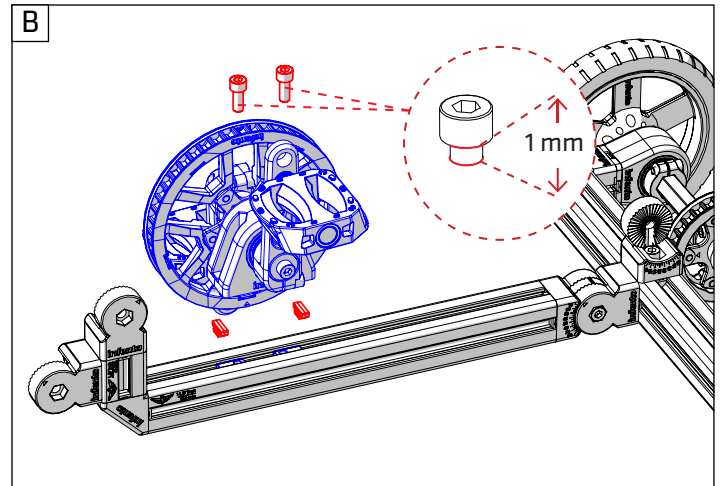
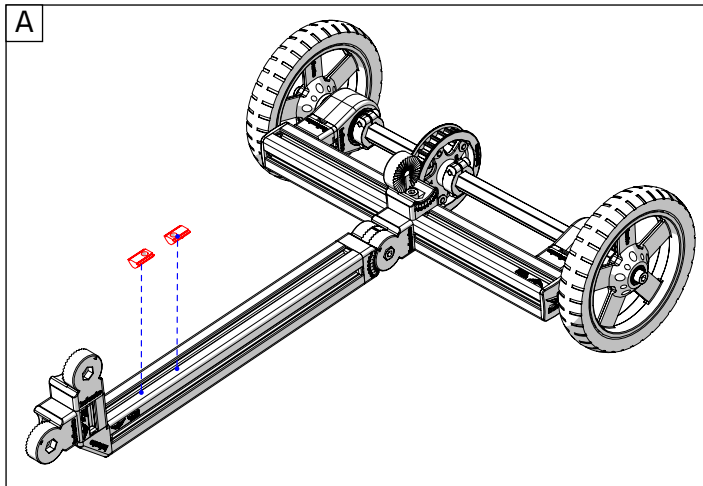
2x

+



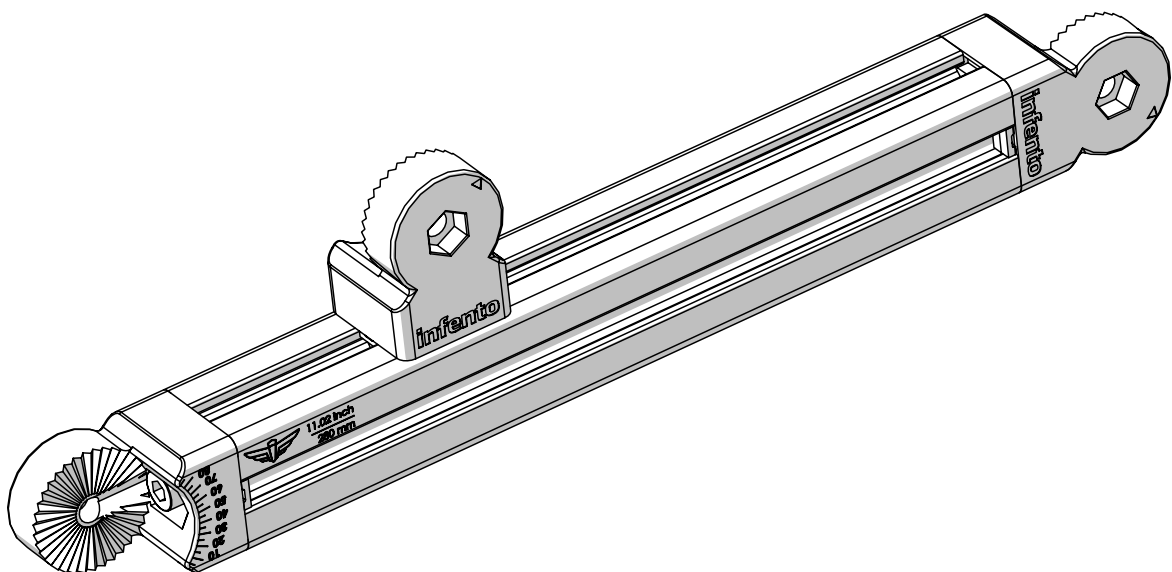
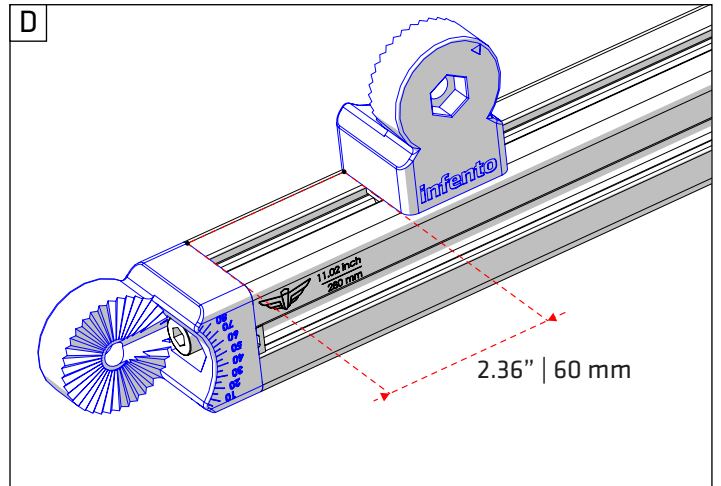
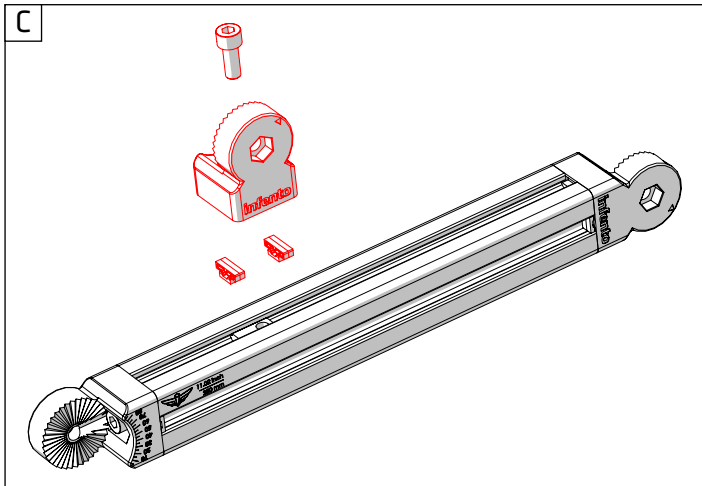
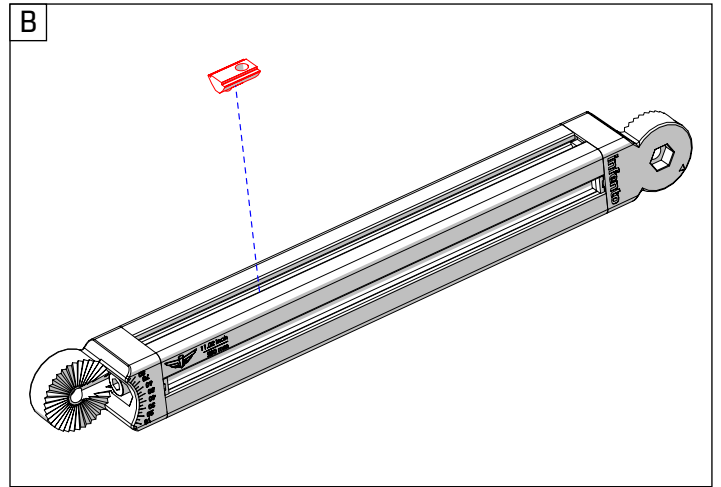
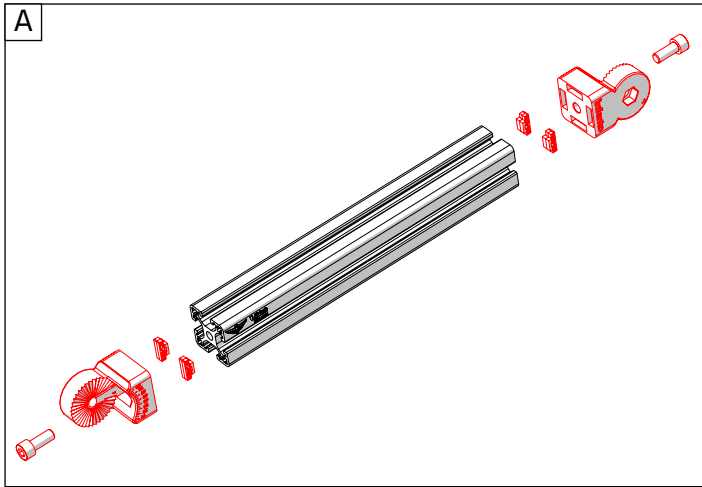
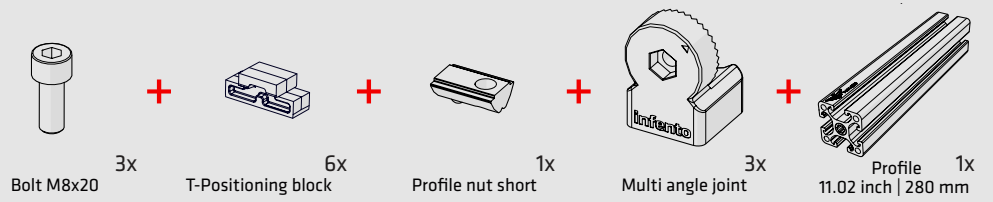
Profile nut short

2x





25





26



Bolt M8x35

1x

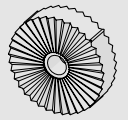
+



Locknut M8

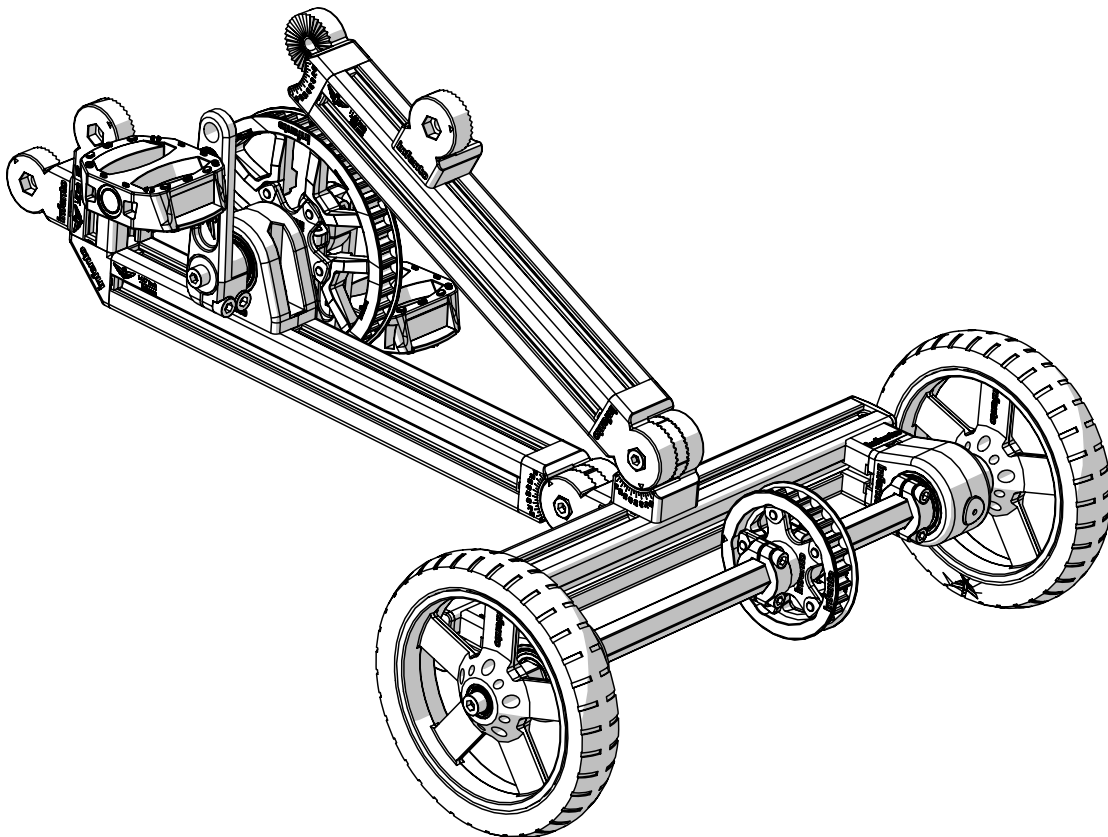
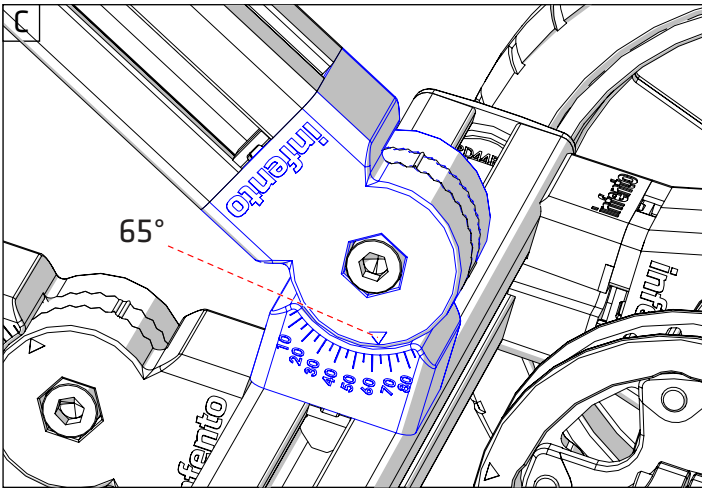
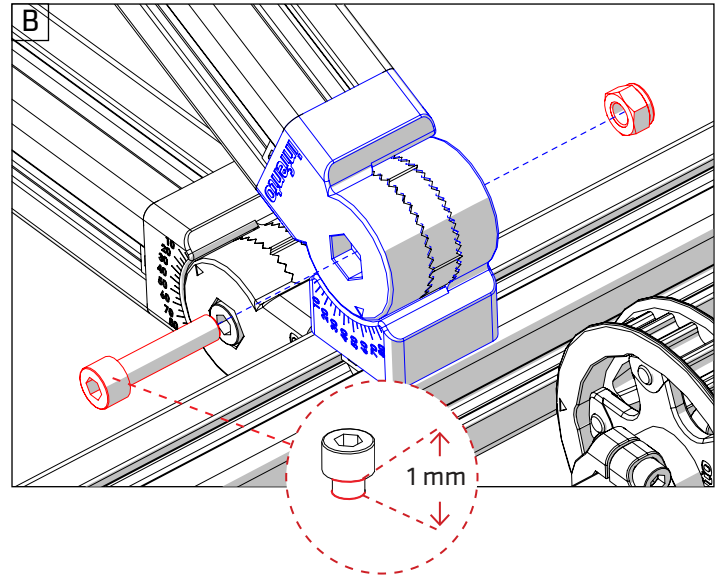
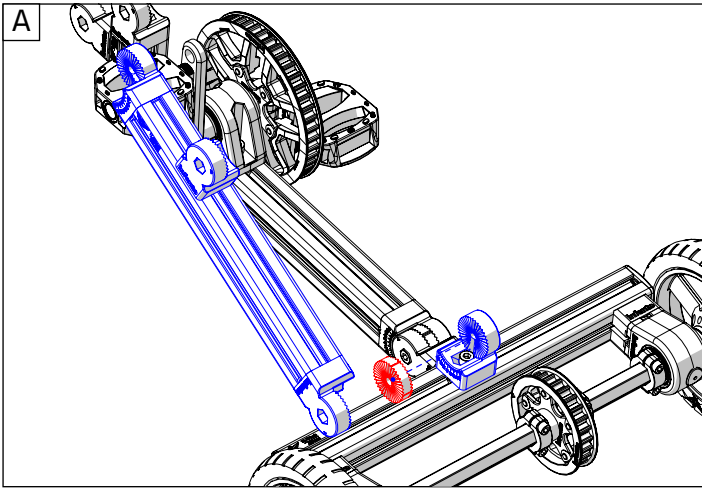
1x

+



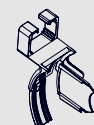
Knurled disc 1 stripe

1x




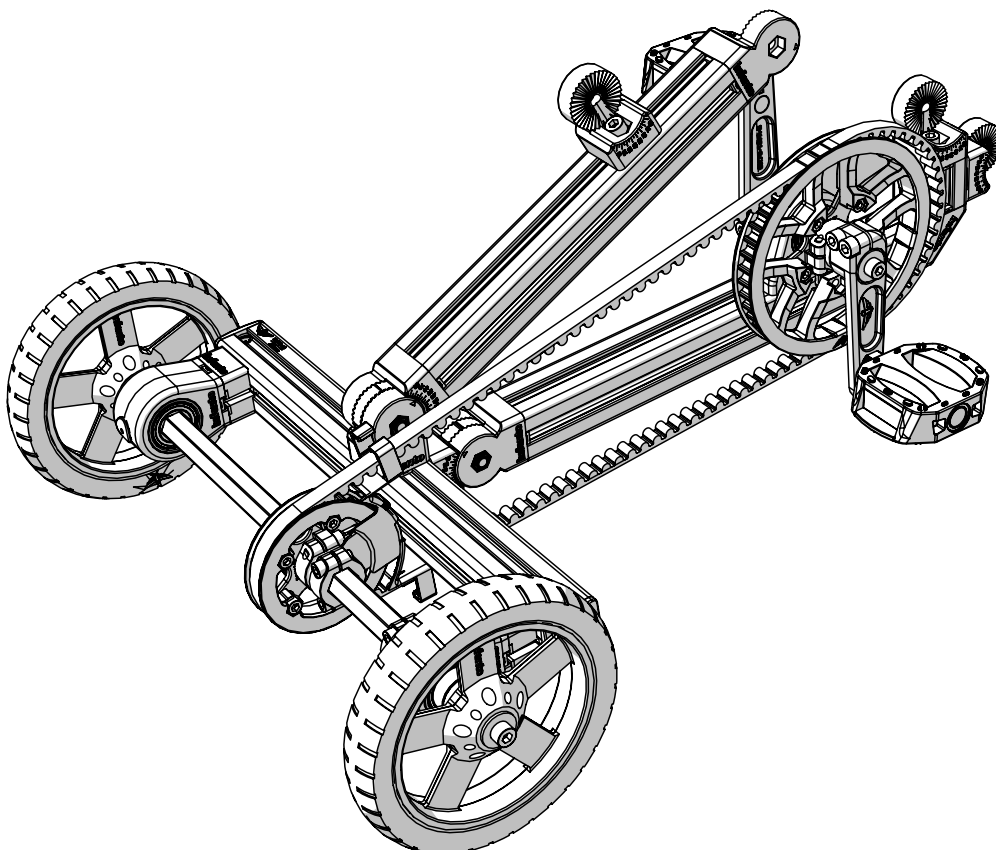
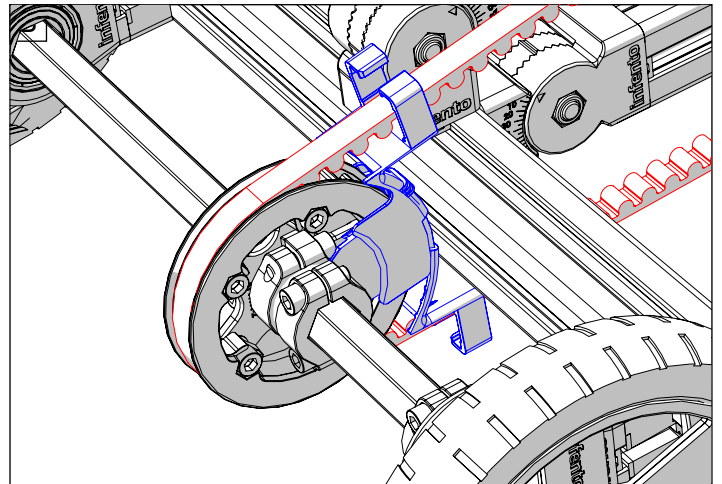
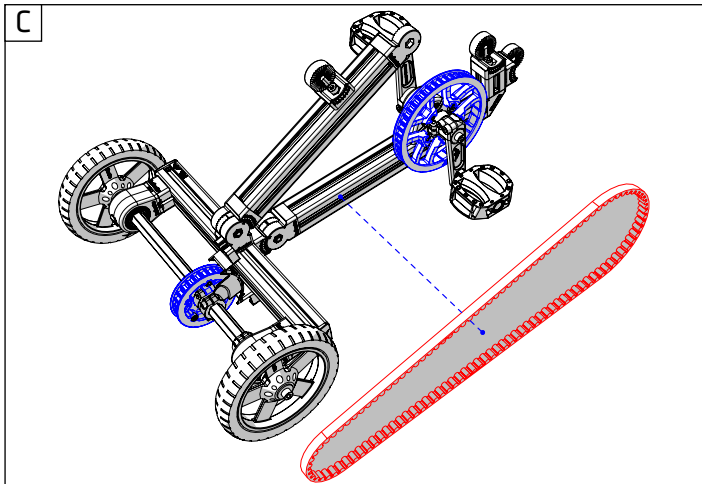
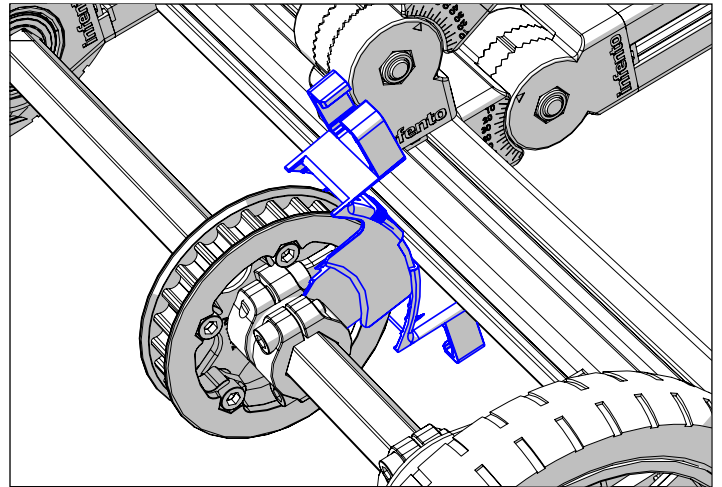
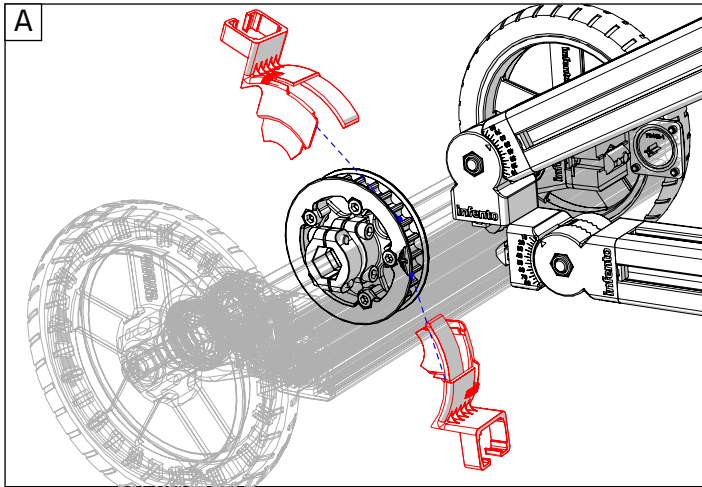


27

 2x  
Belt shield  
centre 26T

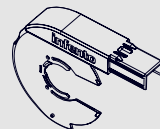
+

 1x  
Toothed belt 118T

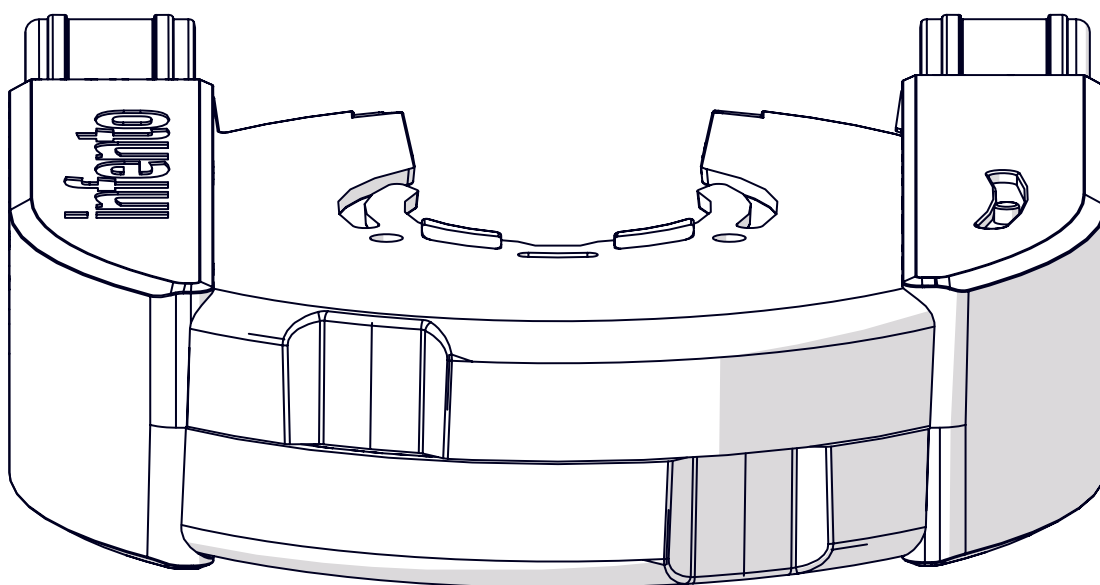
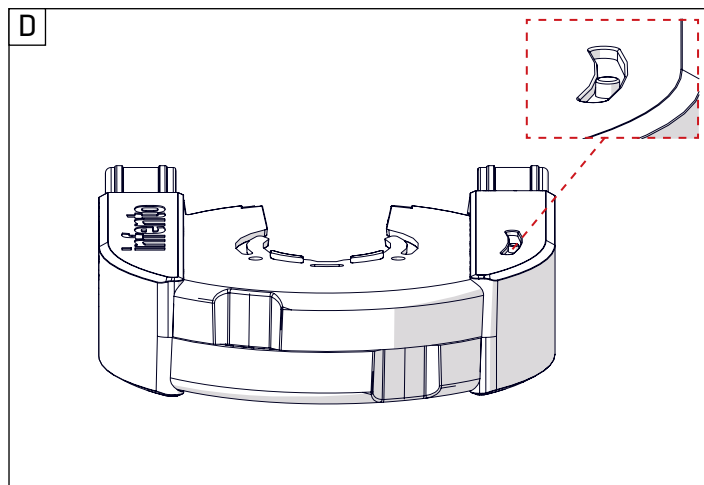
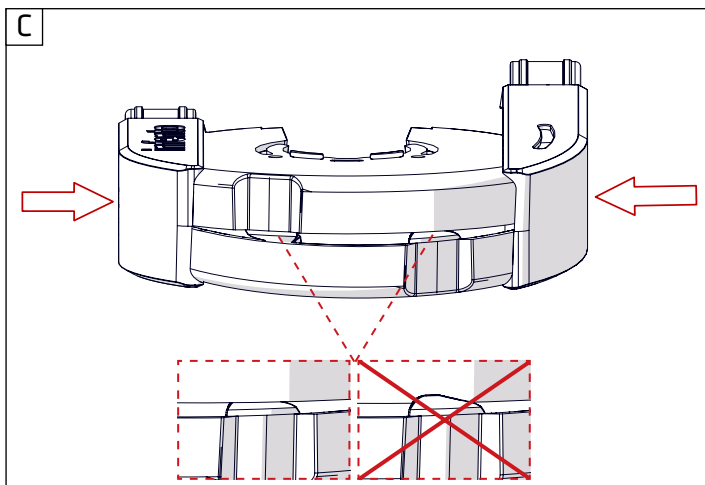
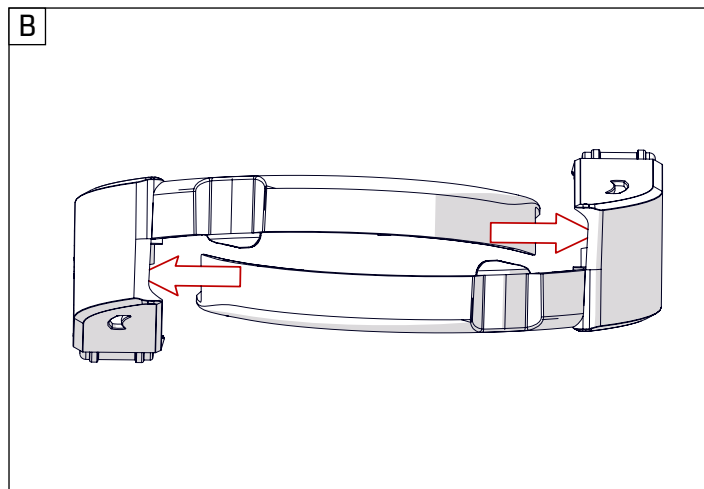
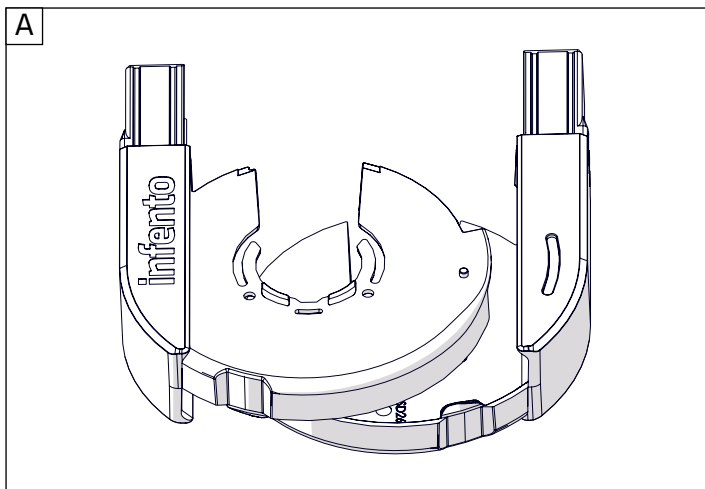




28



Belt shield 2x  
cap 26T

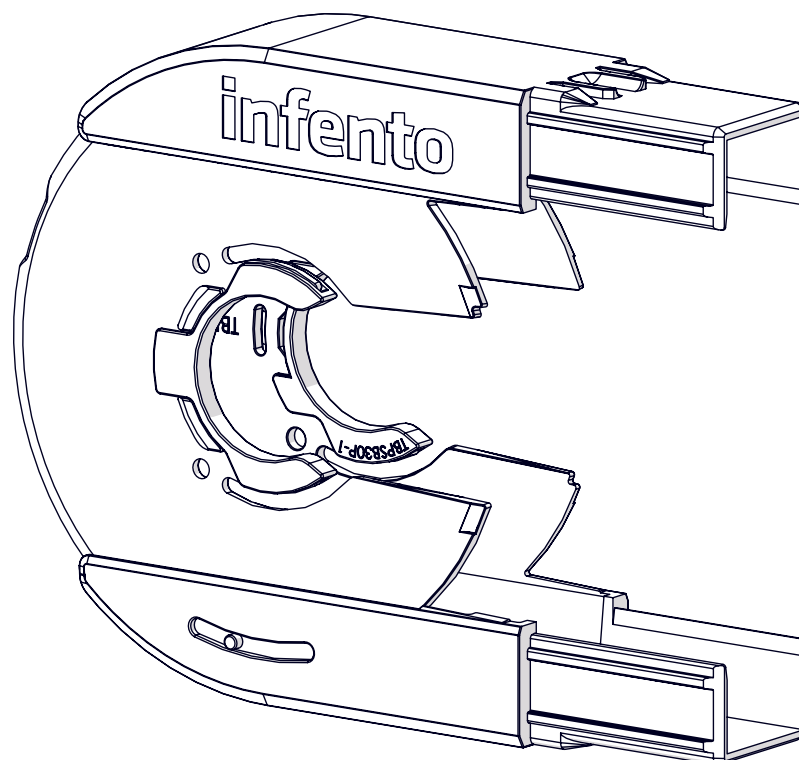
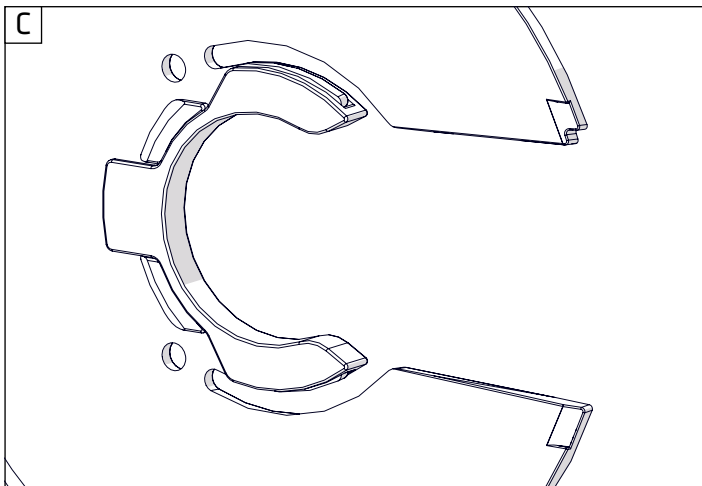
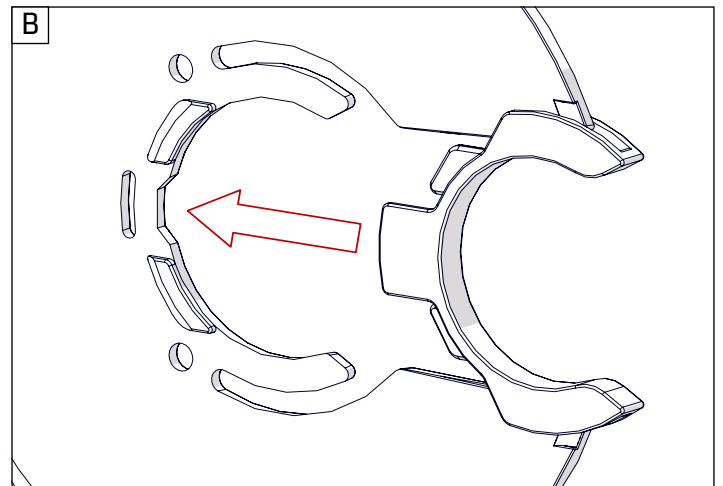
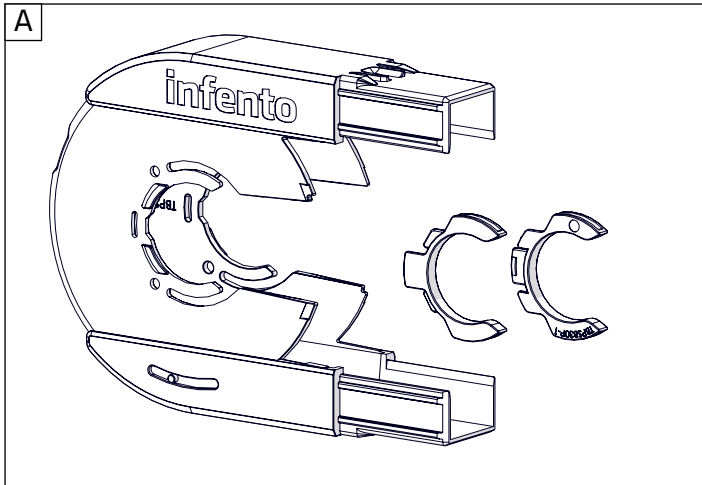


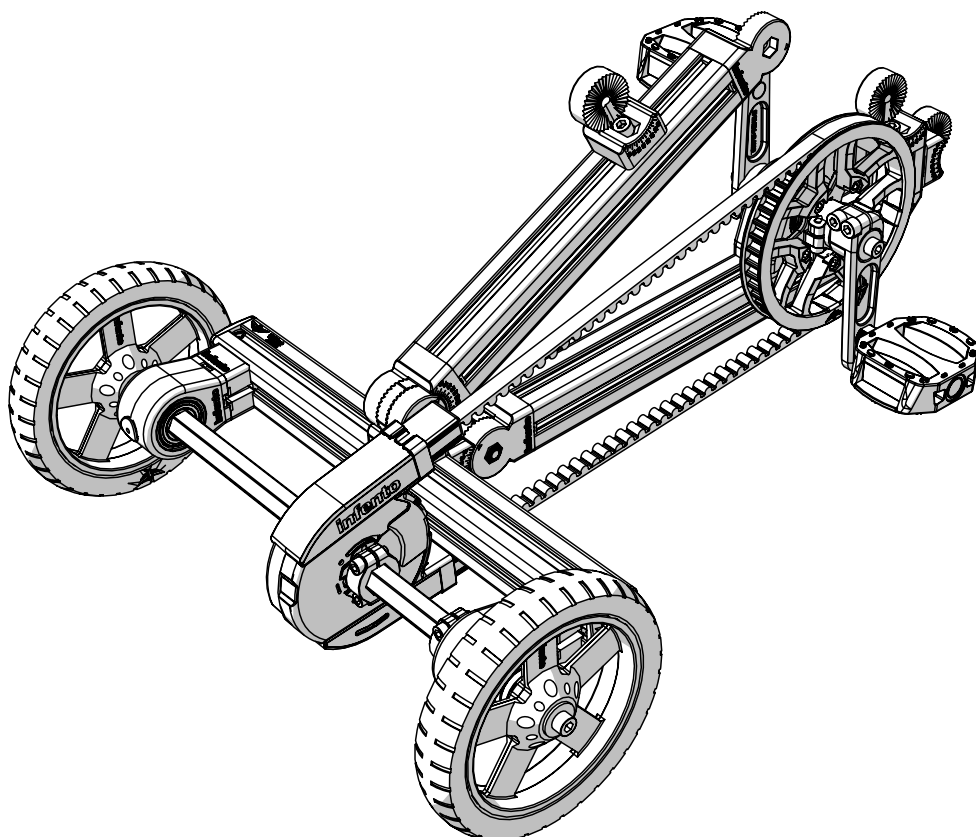
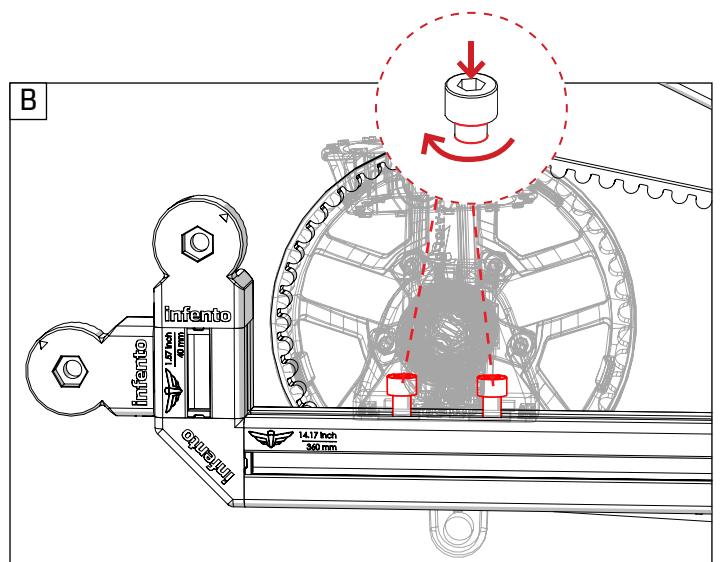
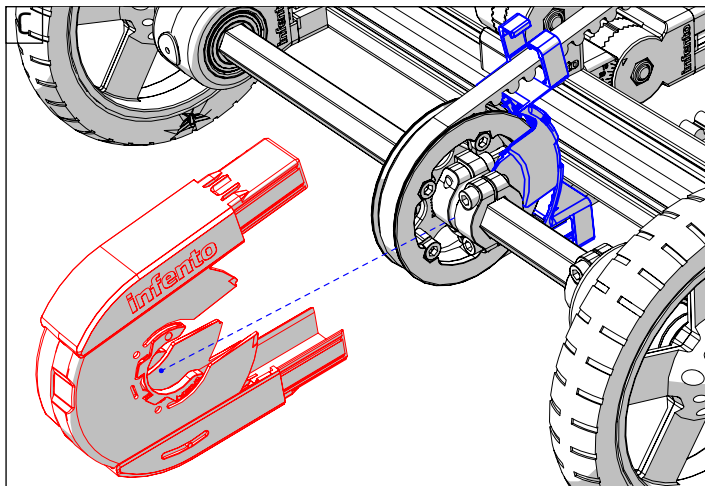
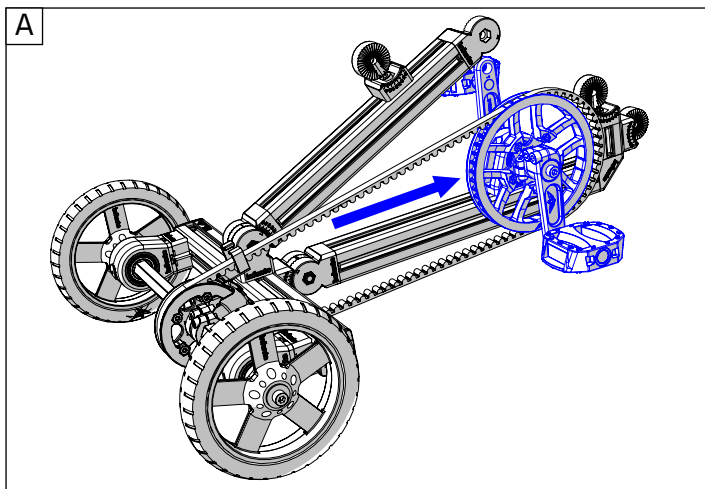


29



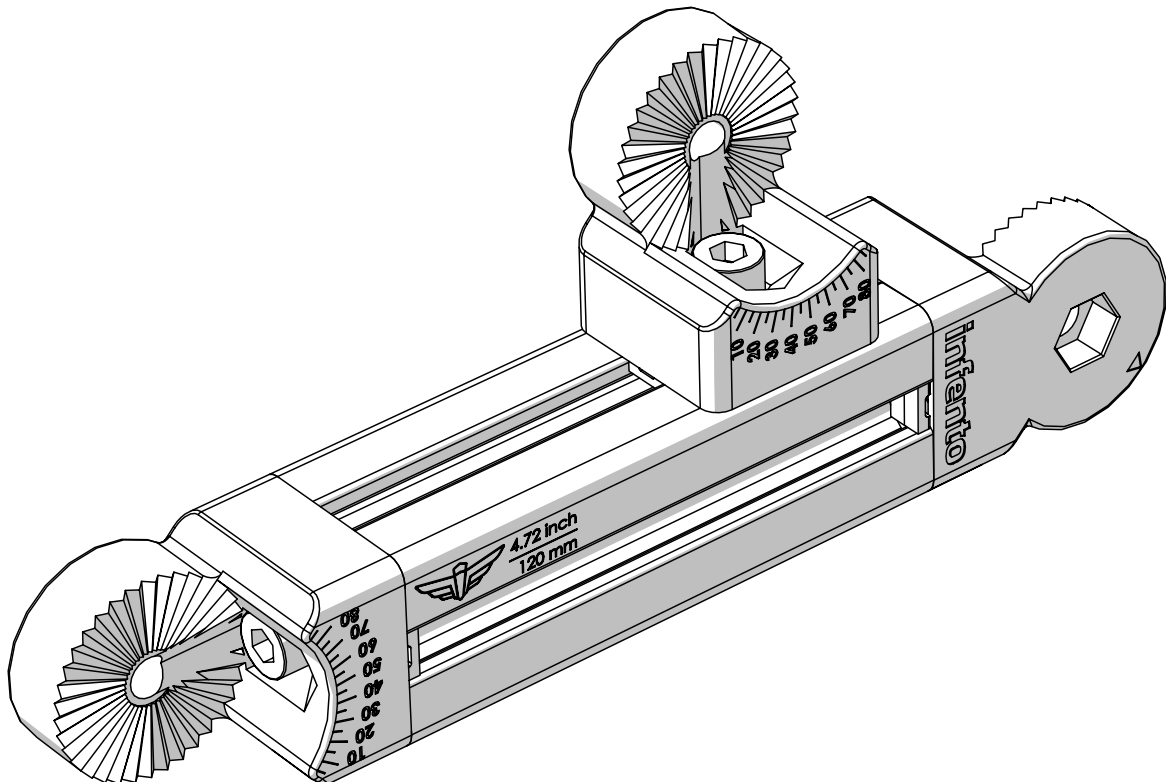
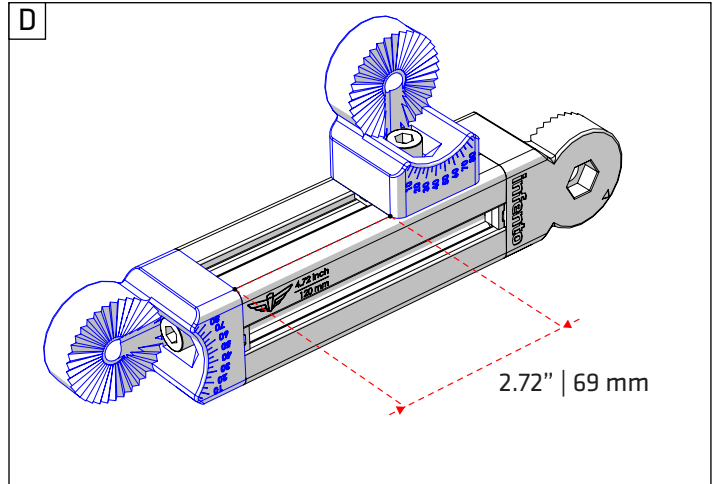
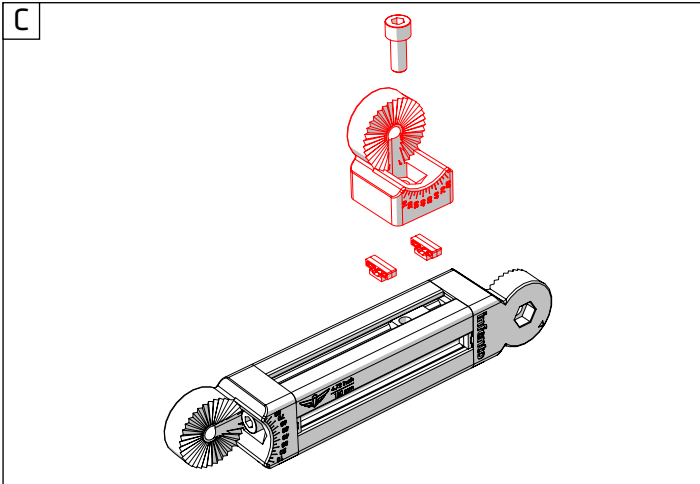
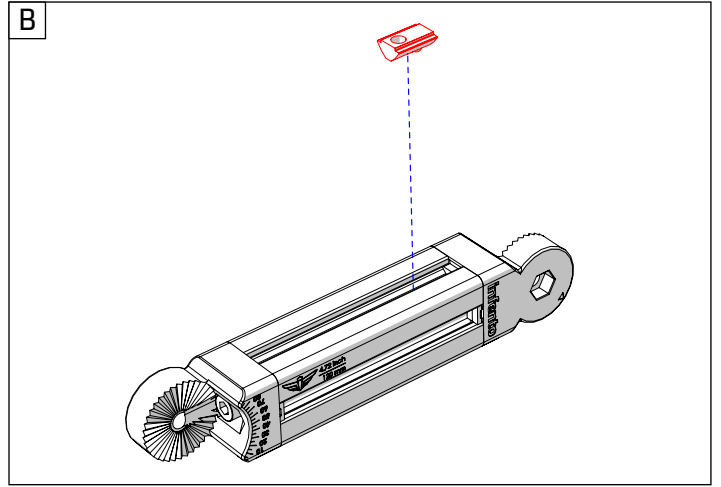
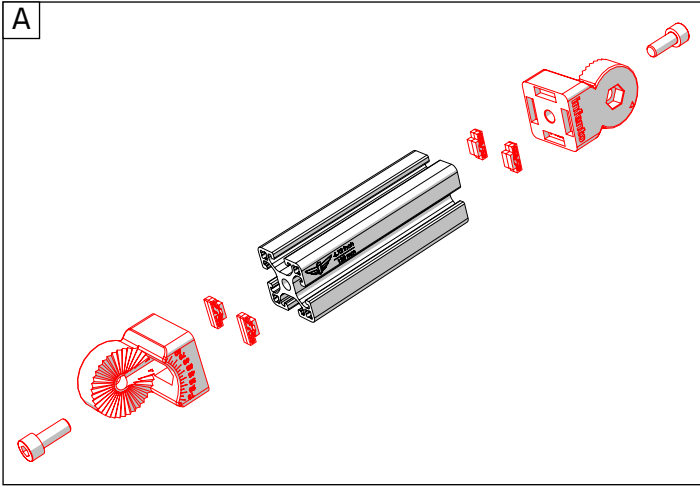
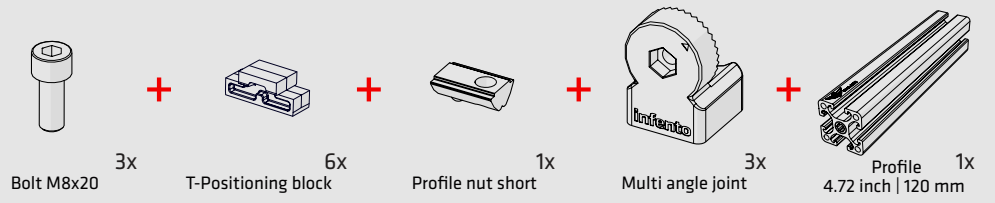
Belt shield 2x  
nylon ring







31





32



2x

Bolt M8x35

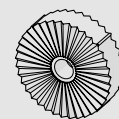
+



2x

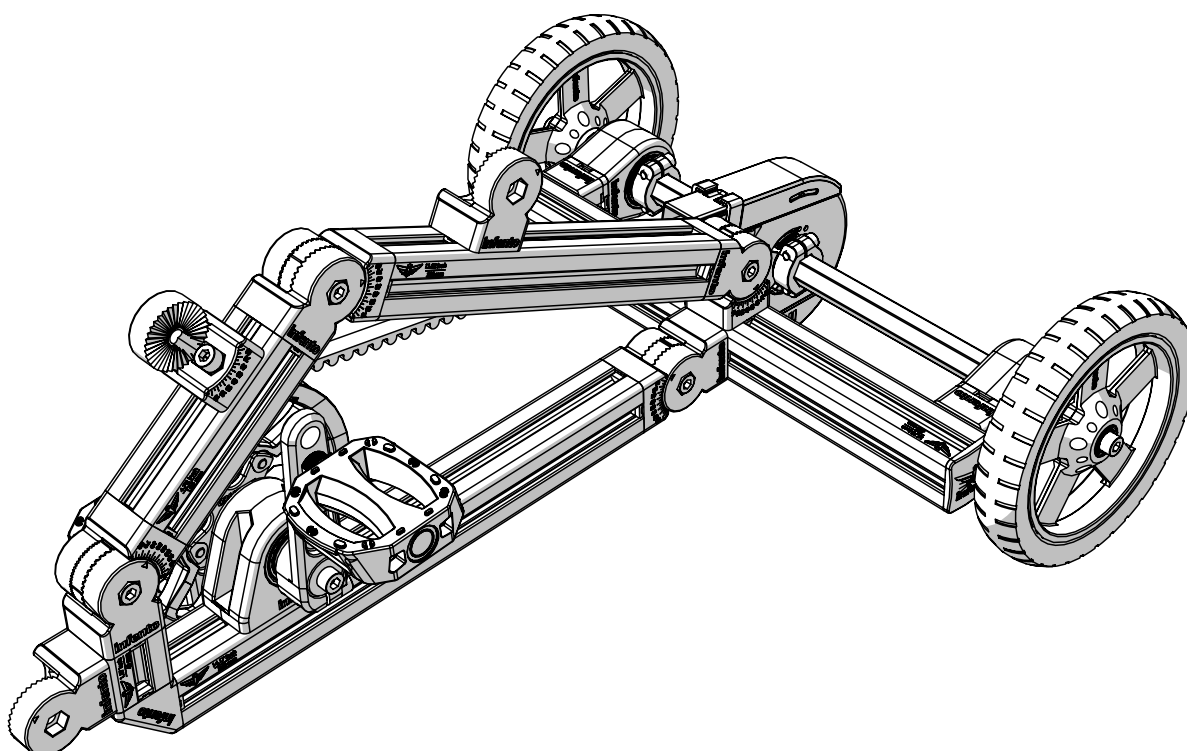
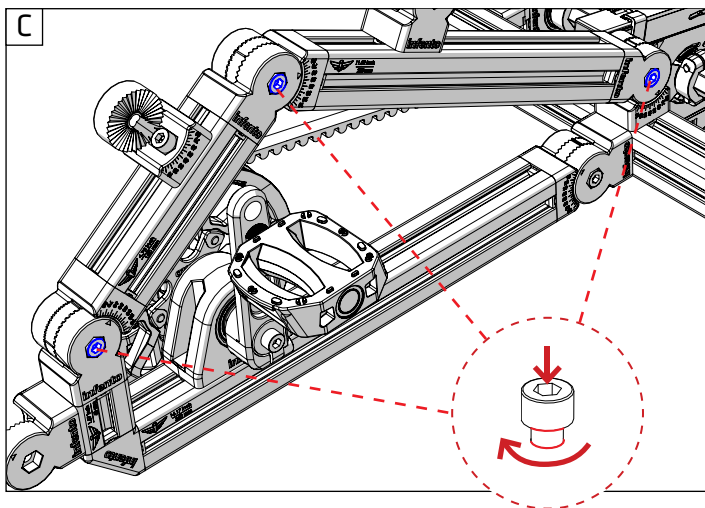
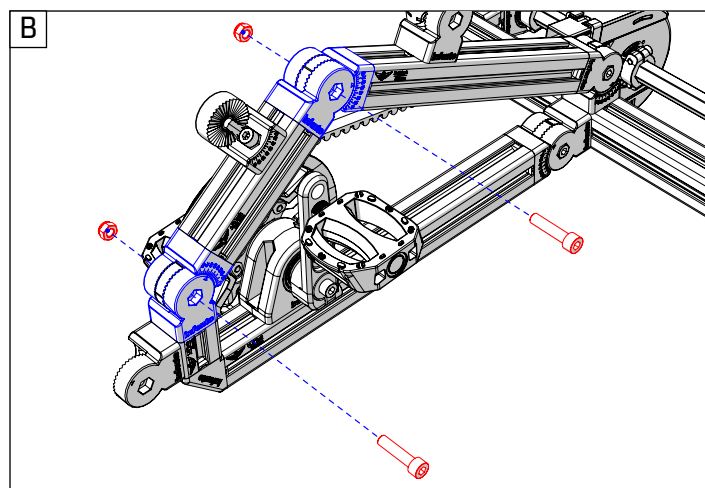
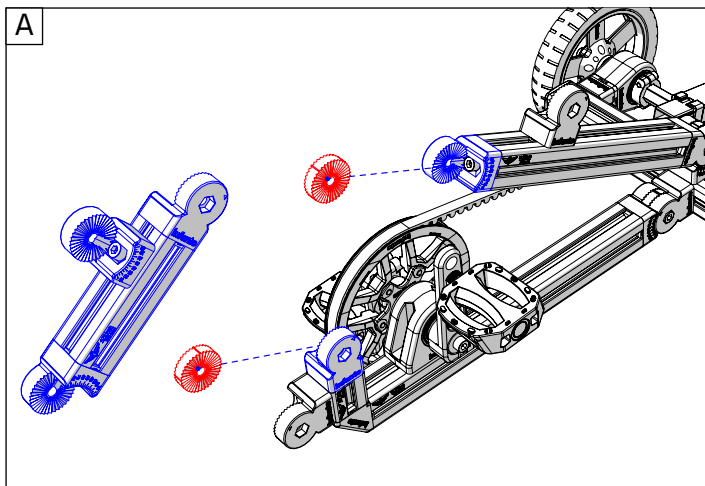
Locknut M8

+



2x

Knurled disc 1 stripe

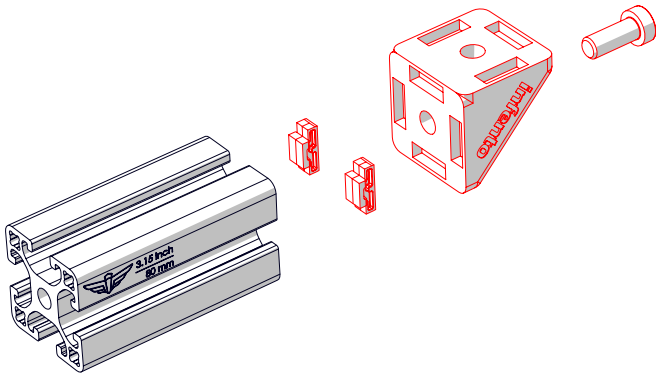




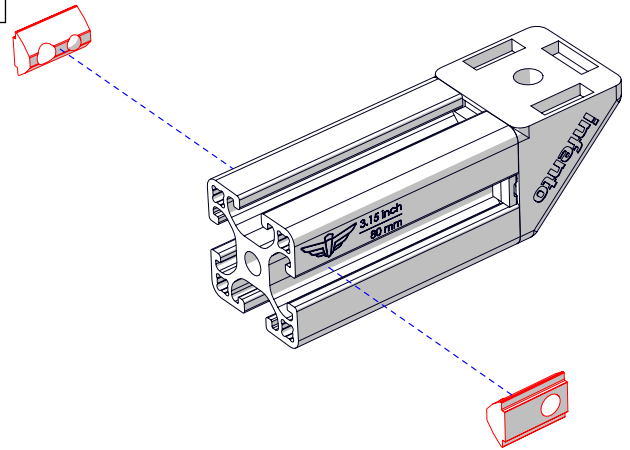
33

Bolt M8x20 (low head) 3x + T-Positioning block 6x + Profile nut short 2x + L-joint 3x + Profile 3.15 inch | 80 mm 1x

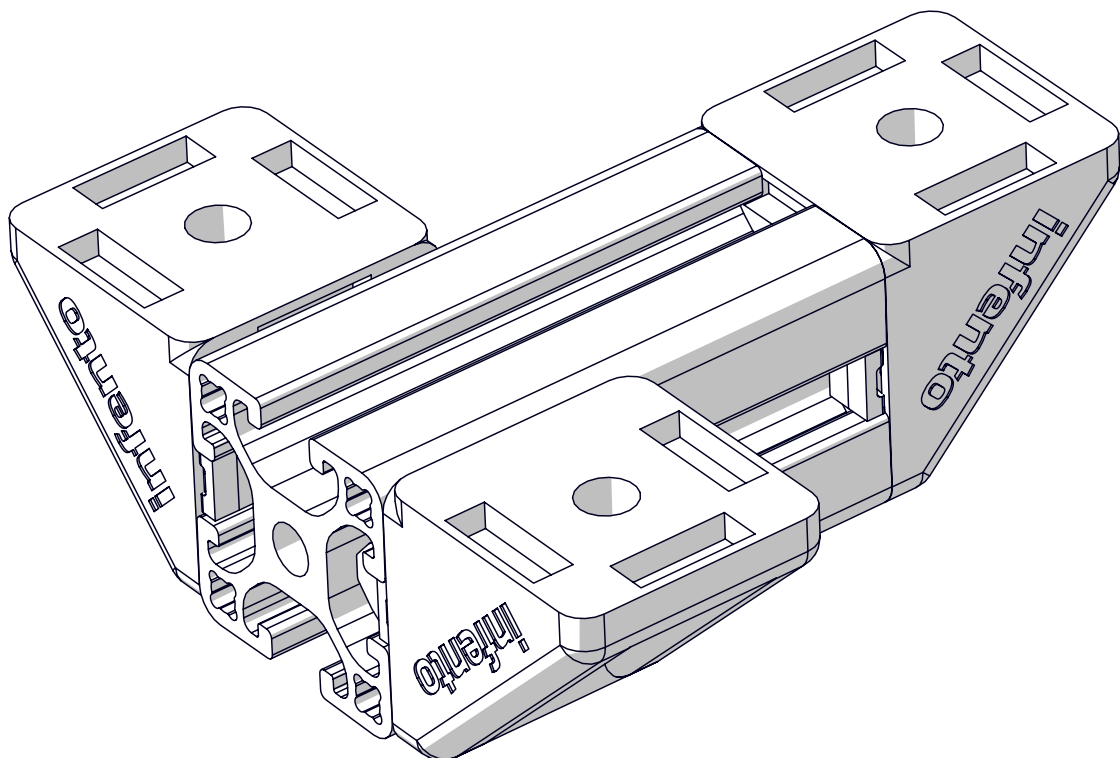
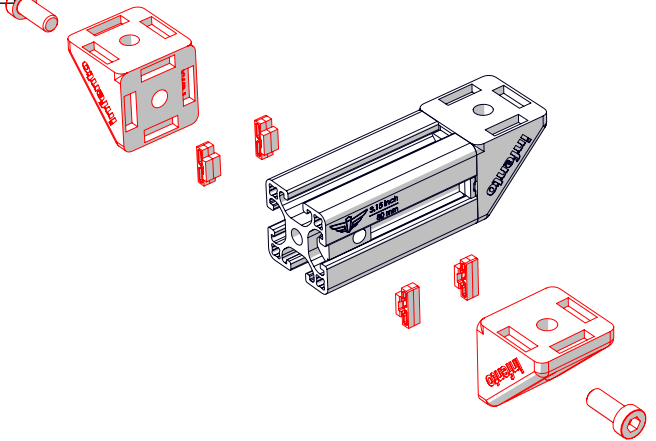
A



B



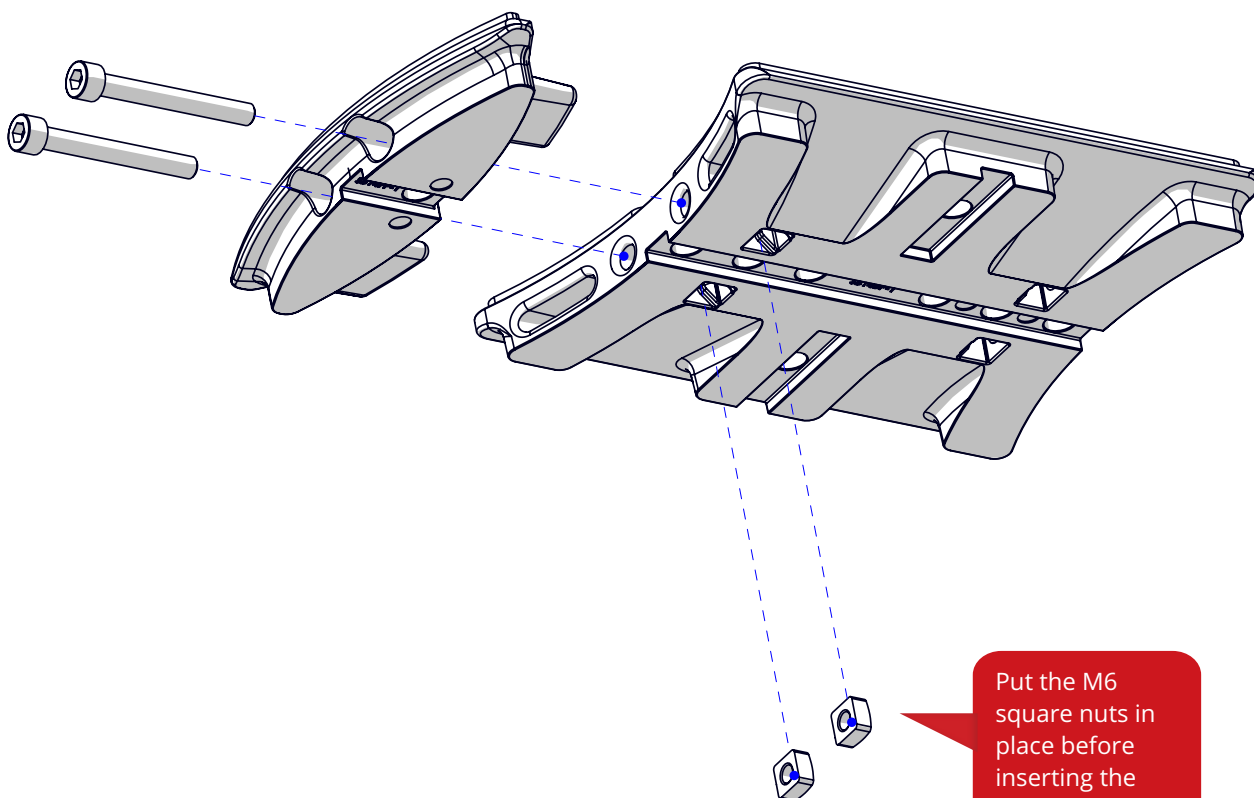
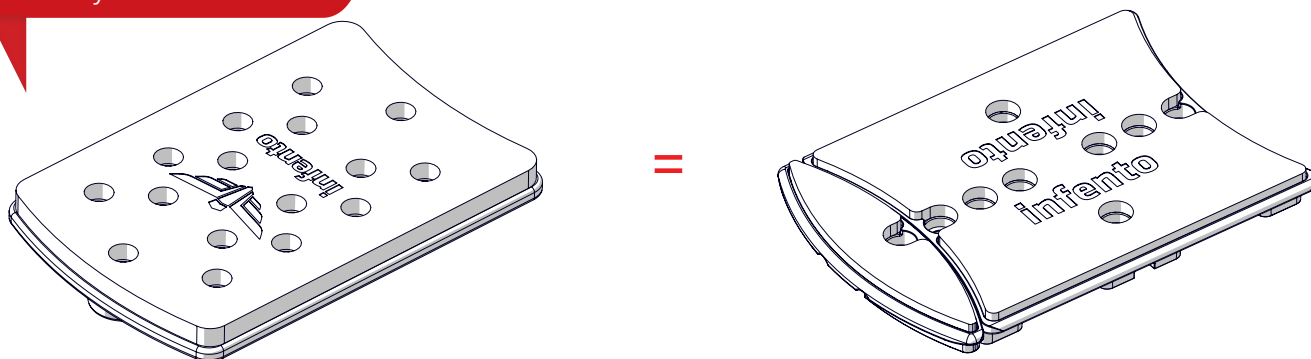
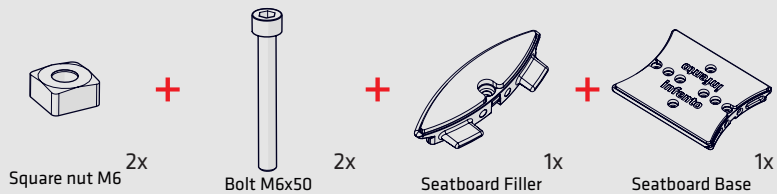
C





# 34

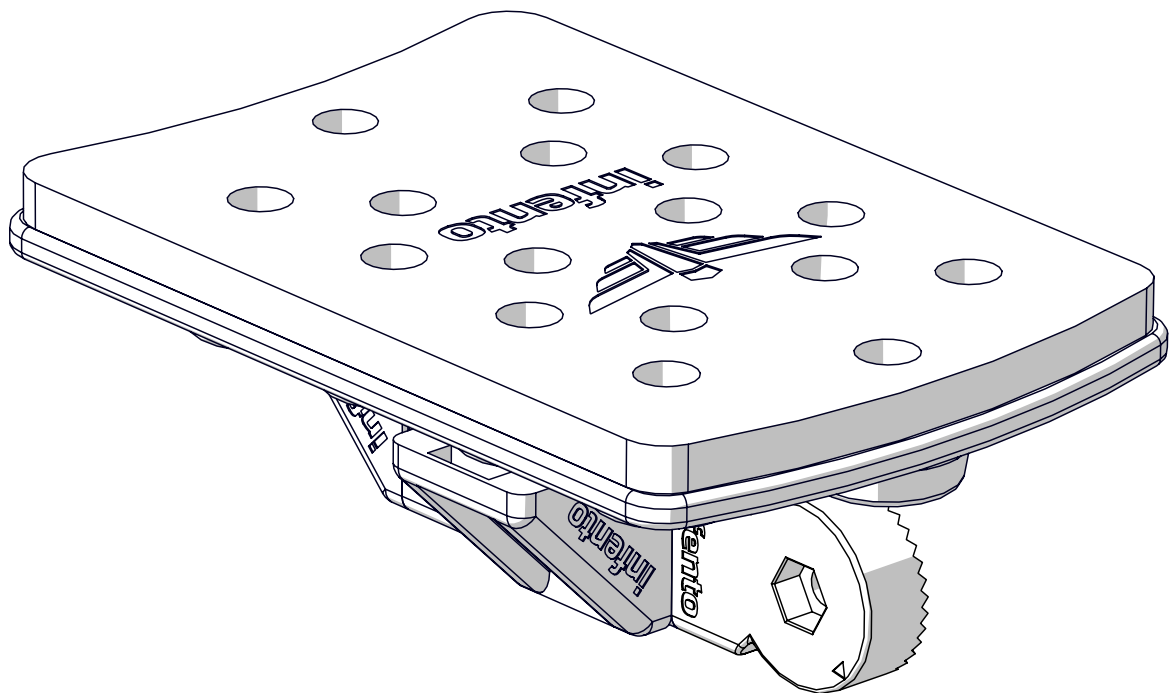
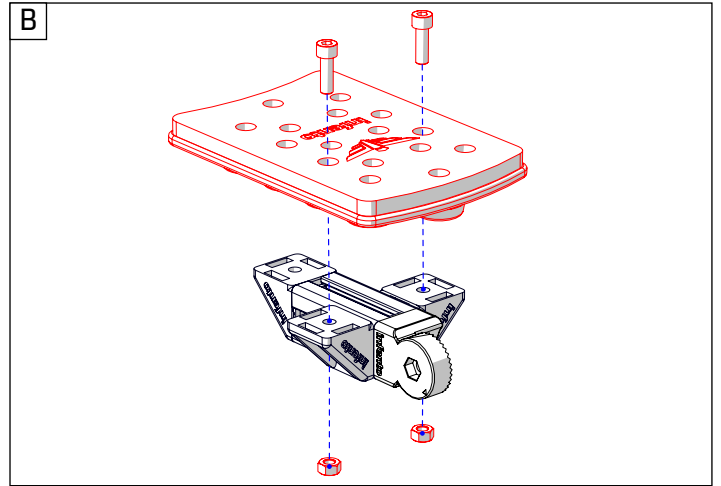
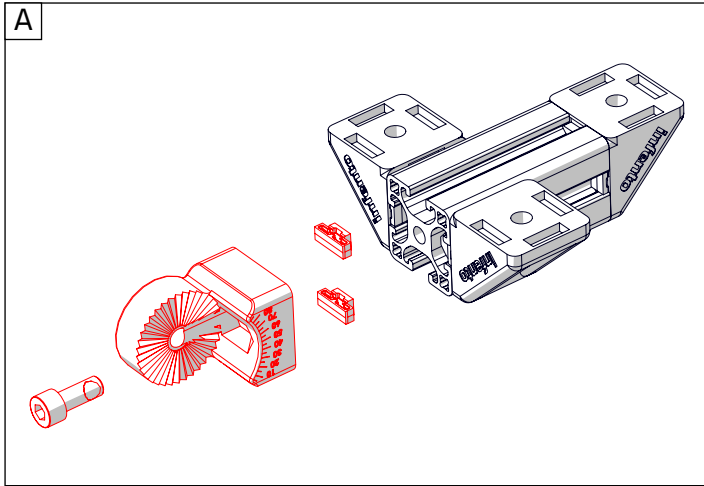
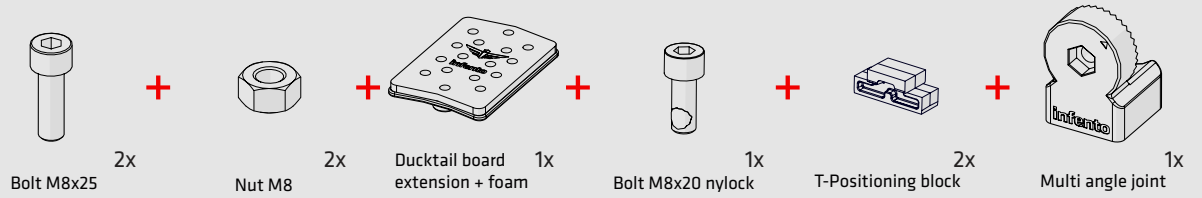
If you have this type of seat in your Kit, please skip to the next page. If not, follow the instructions below to construct your seatboard.



Put the M6 square nuts in place before inserting the M6x50 bolts.



35





36



Bolt M8x35

1x

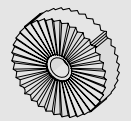
+



Locknut M8

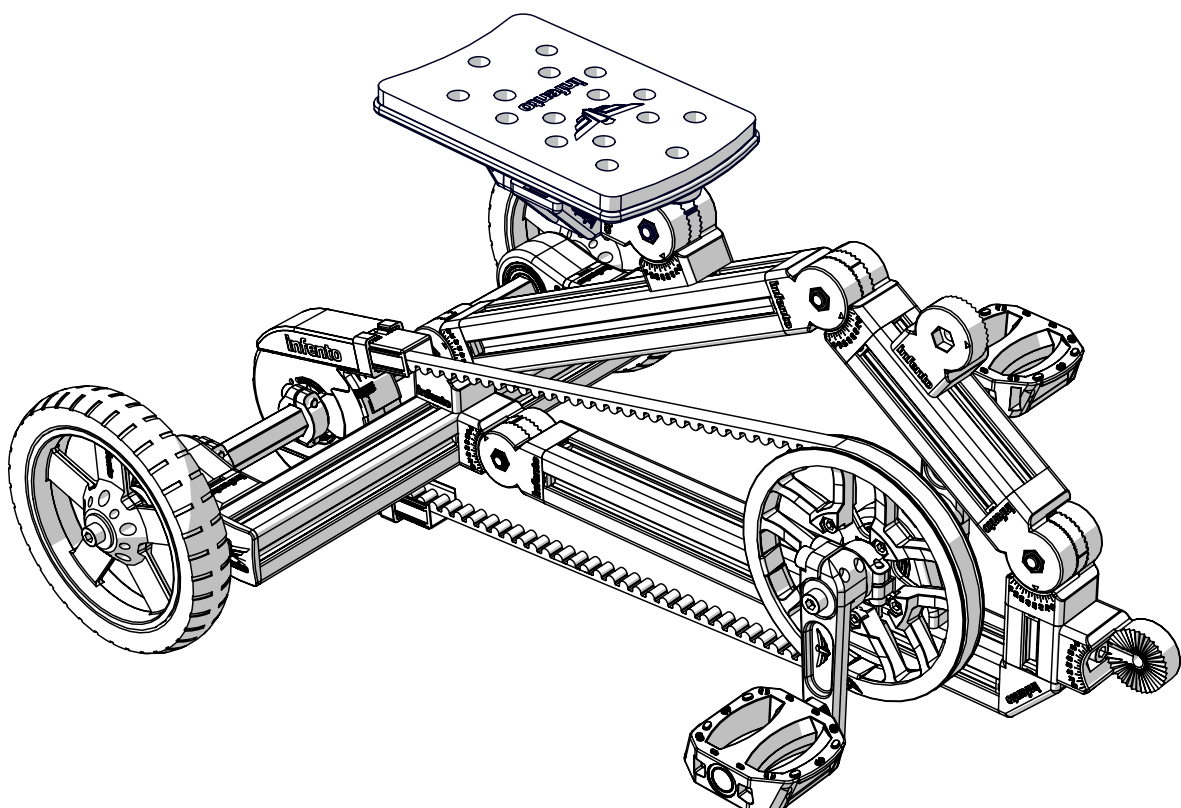
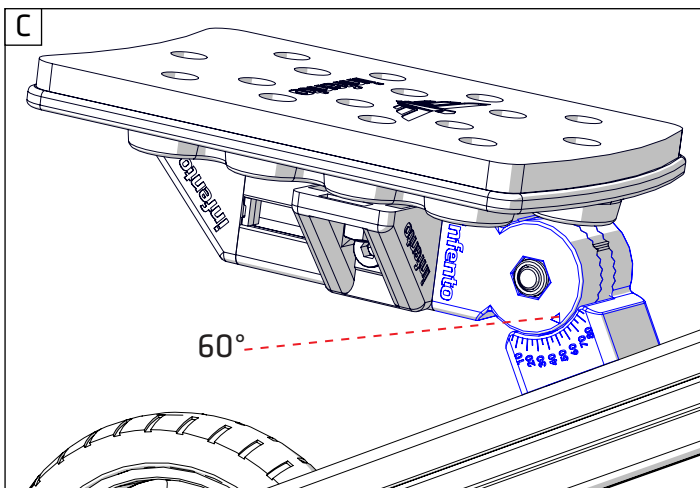
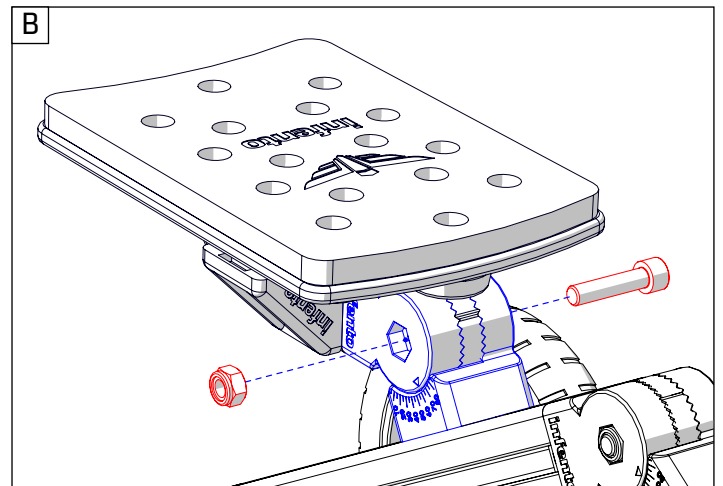
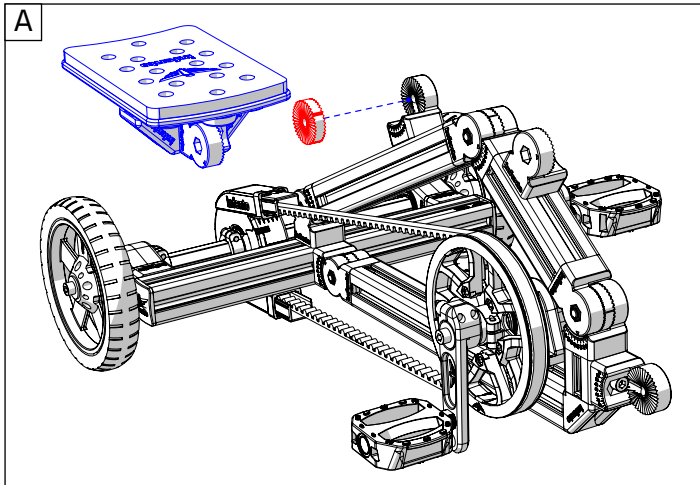
1x

+



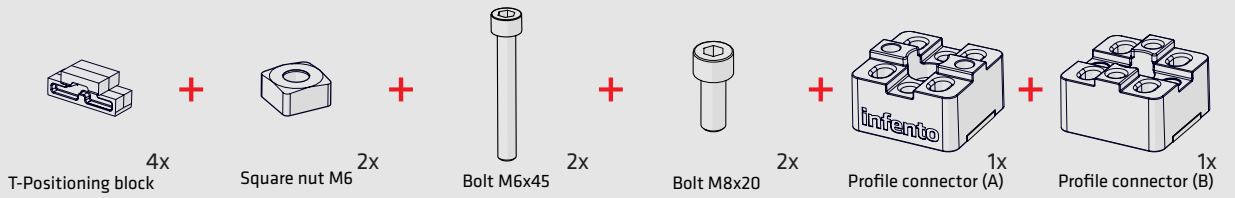
Knurled disc 2 stripes

1x

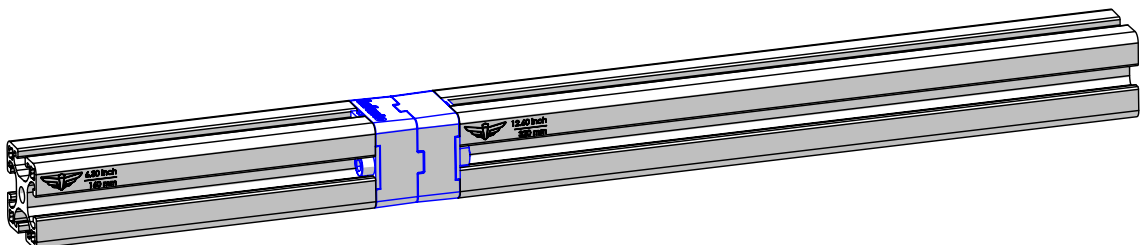
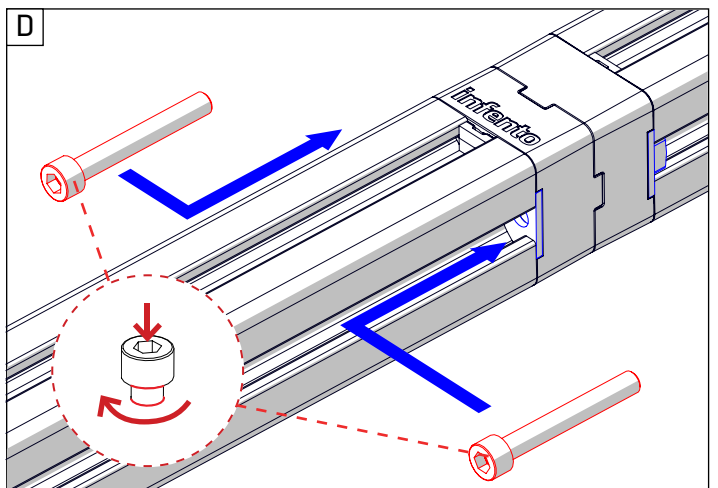
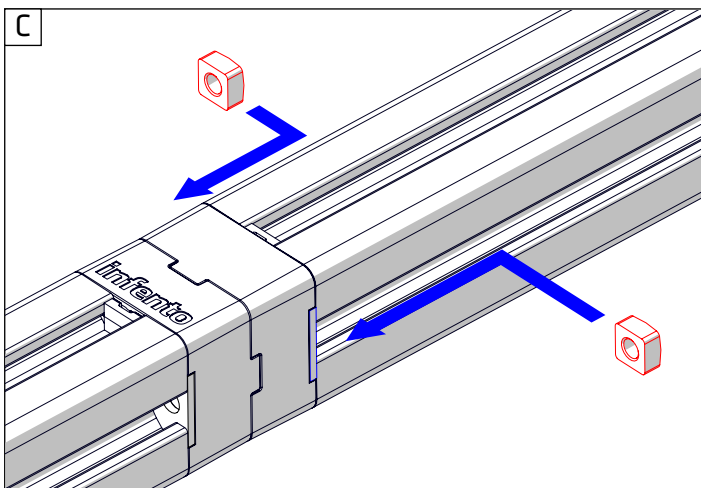
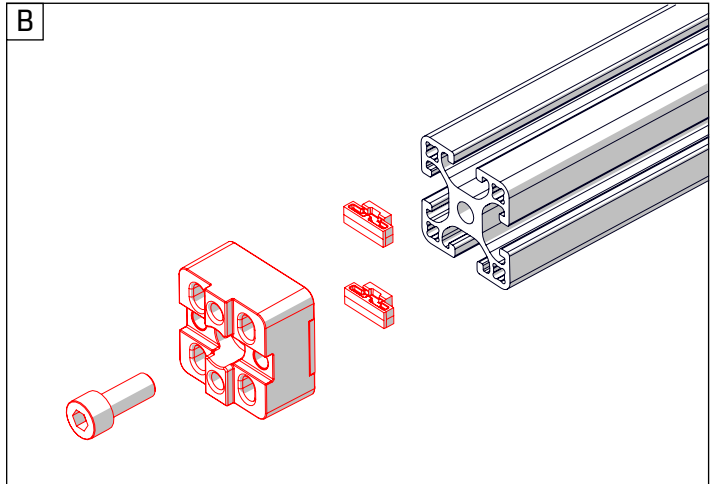
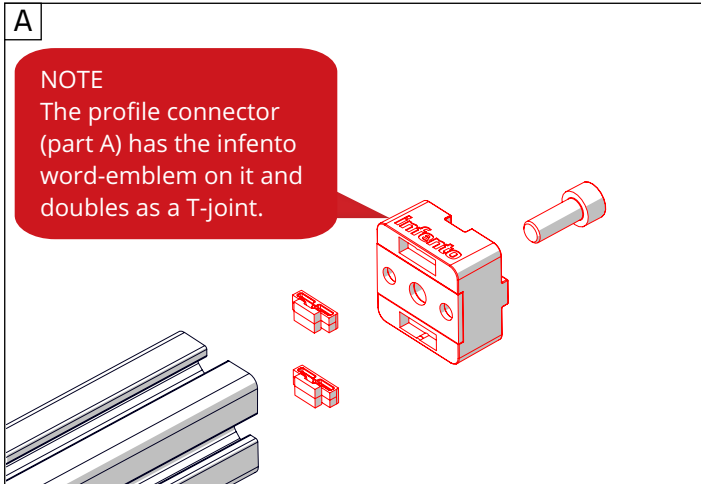
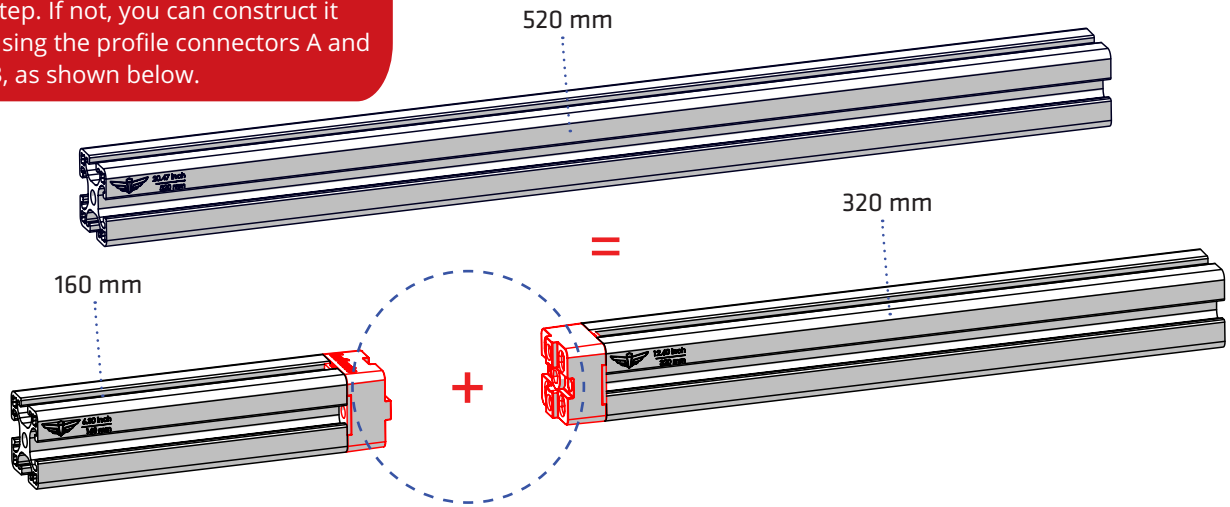




37

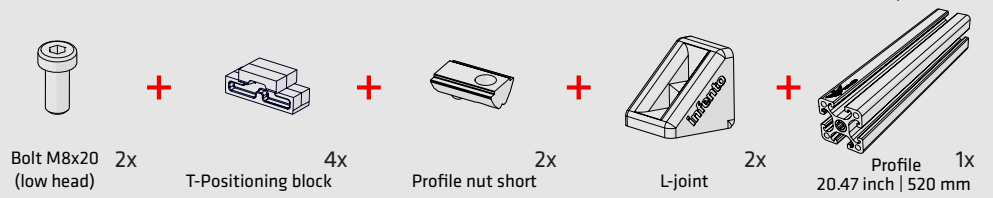


If you have the **520 mm** profile in your kit, please skip to the next step. If not, you can construct it using the profile connectors A and B, as shown below.

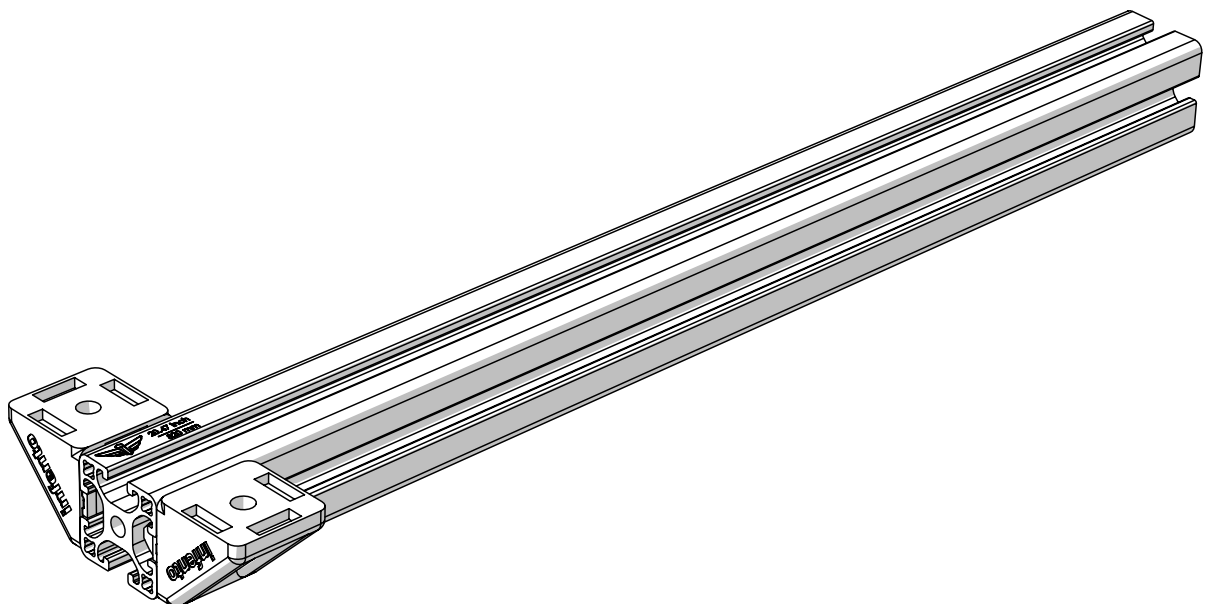
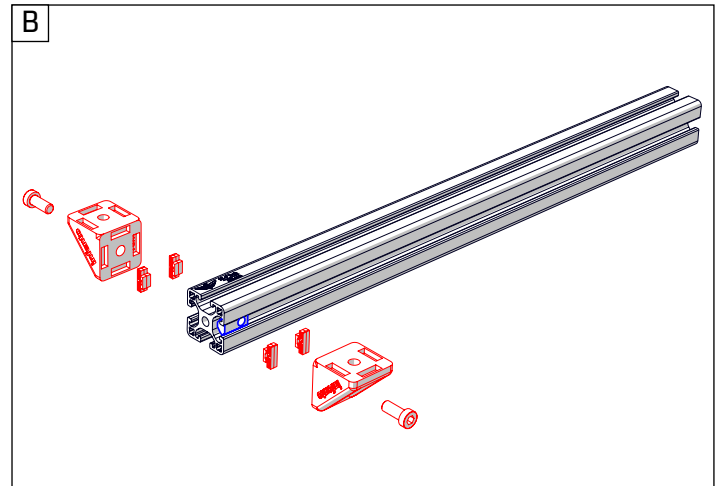
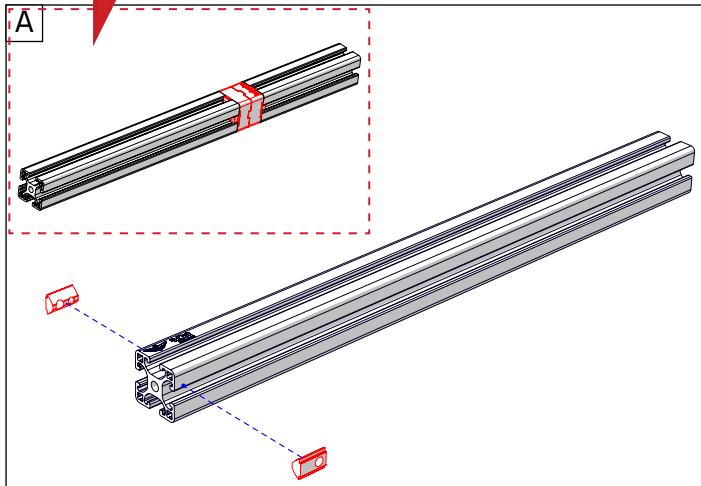




38



**NOTE**  
Place the profile connector in the same orientation as shown here, then proceed.





39



Nut M8

+

2x



Positioning block

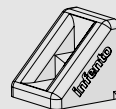
+

6x



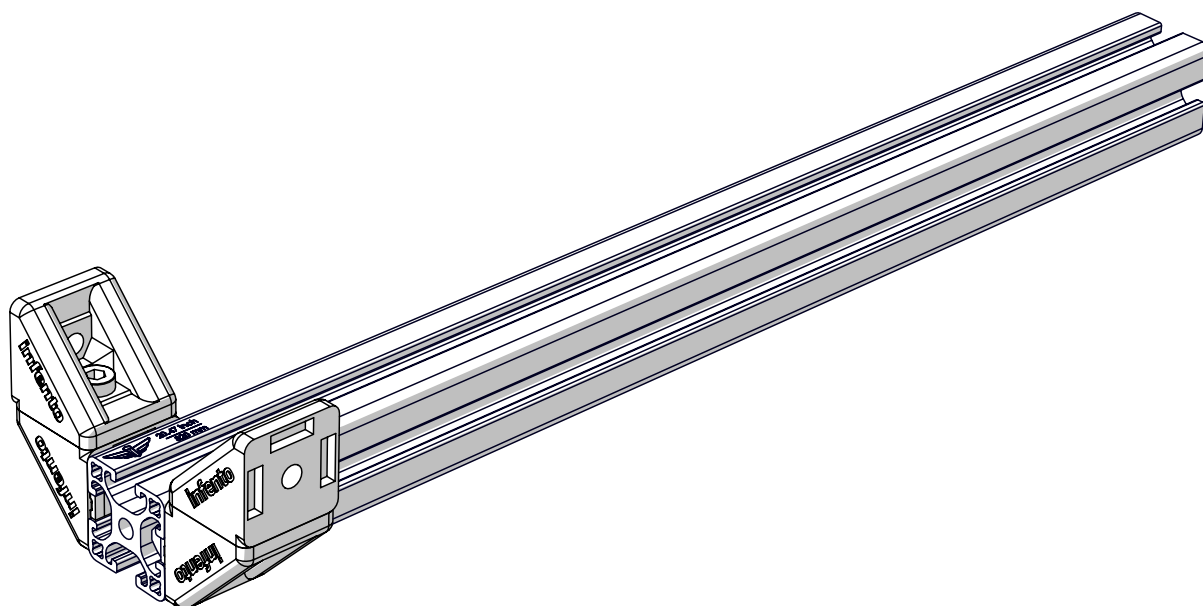
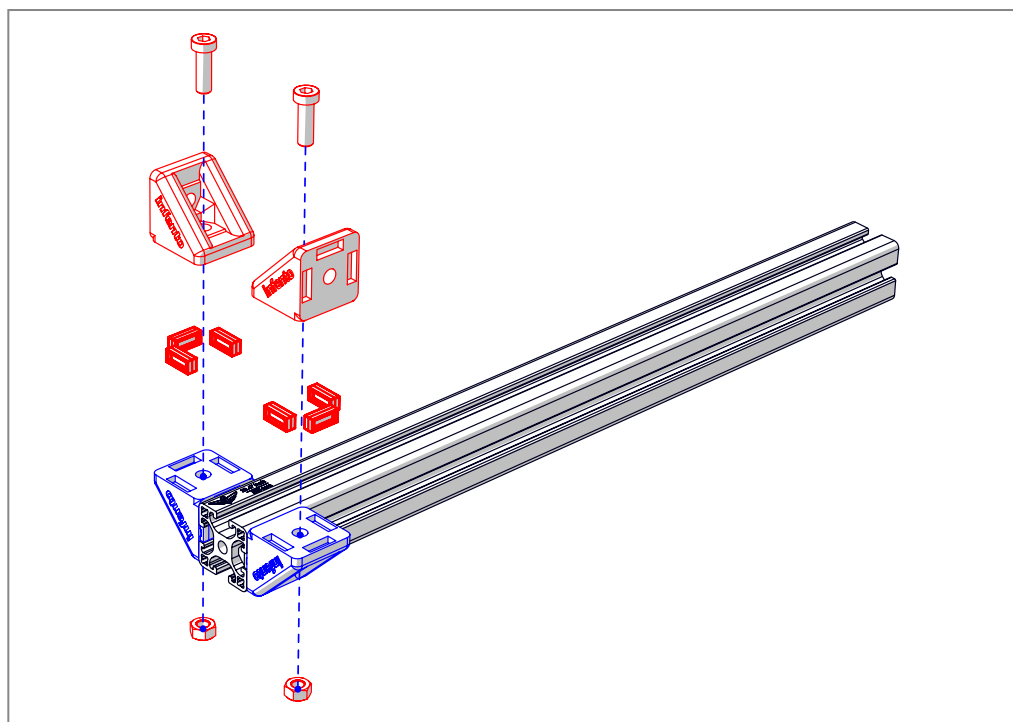
Bolt M8x25  
(low head)

+



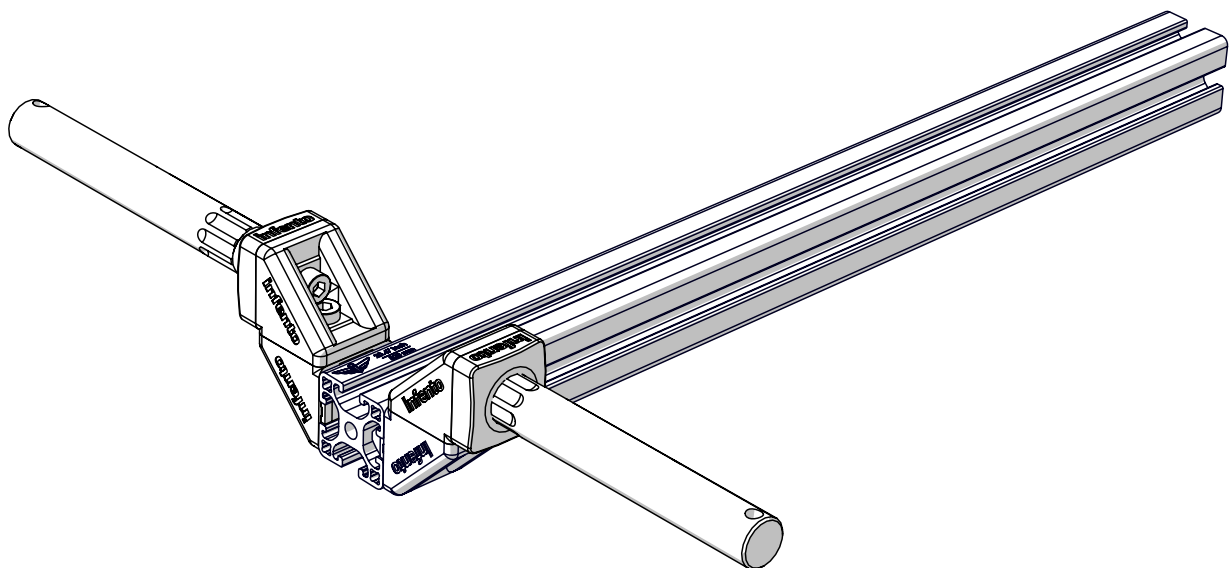
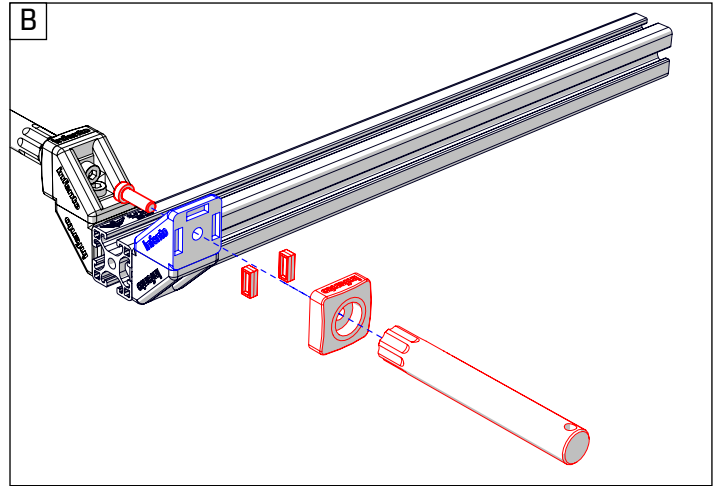
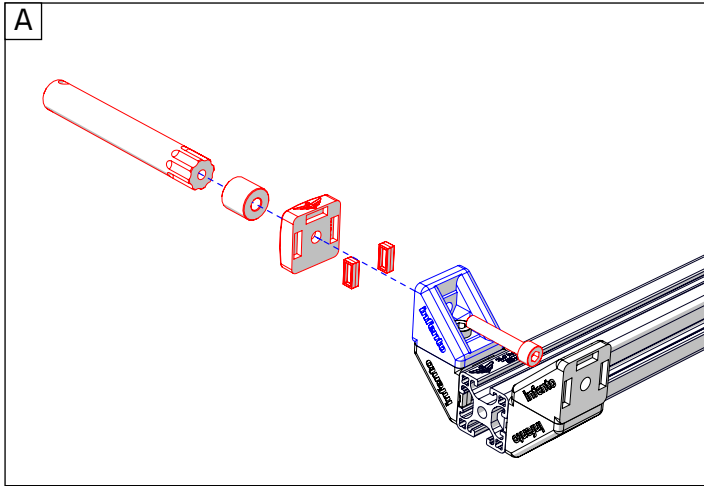
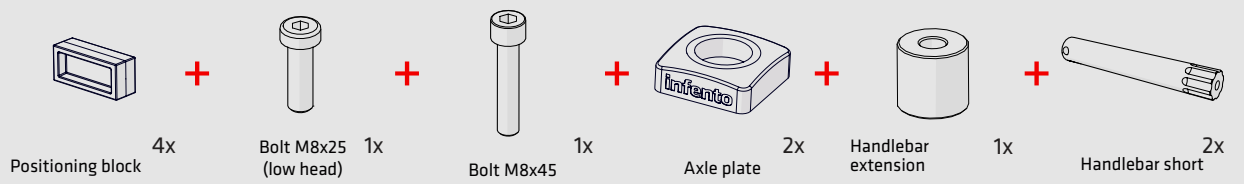
L-joint

2x





40



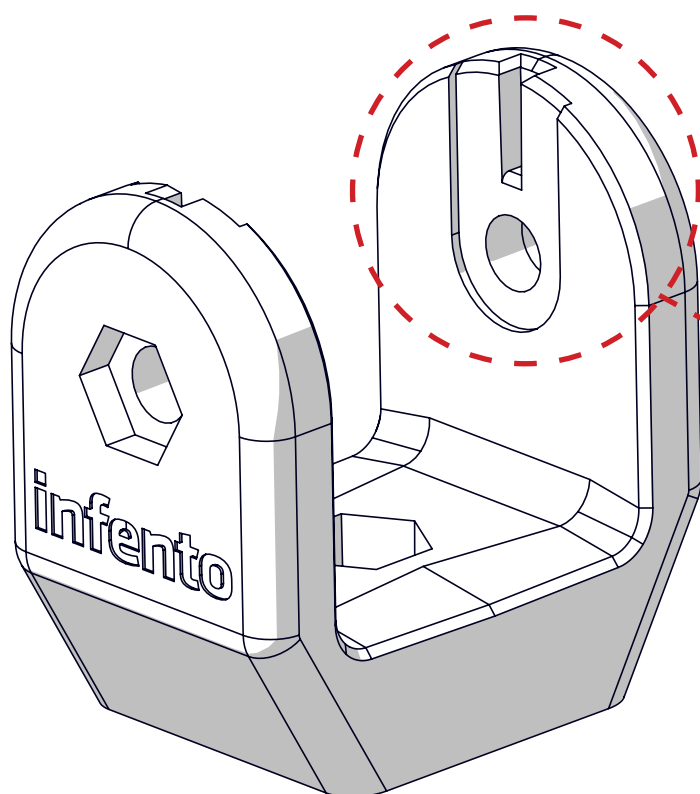


41

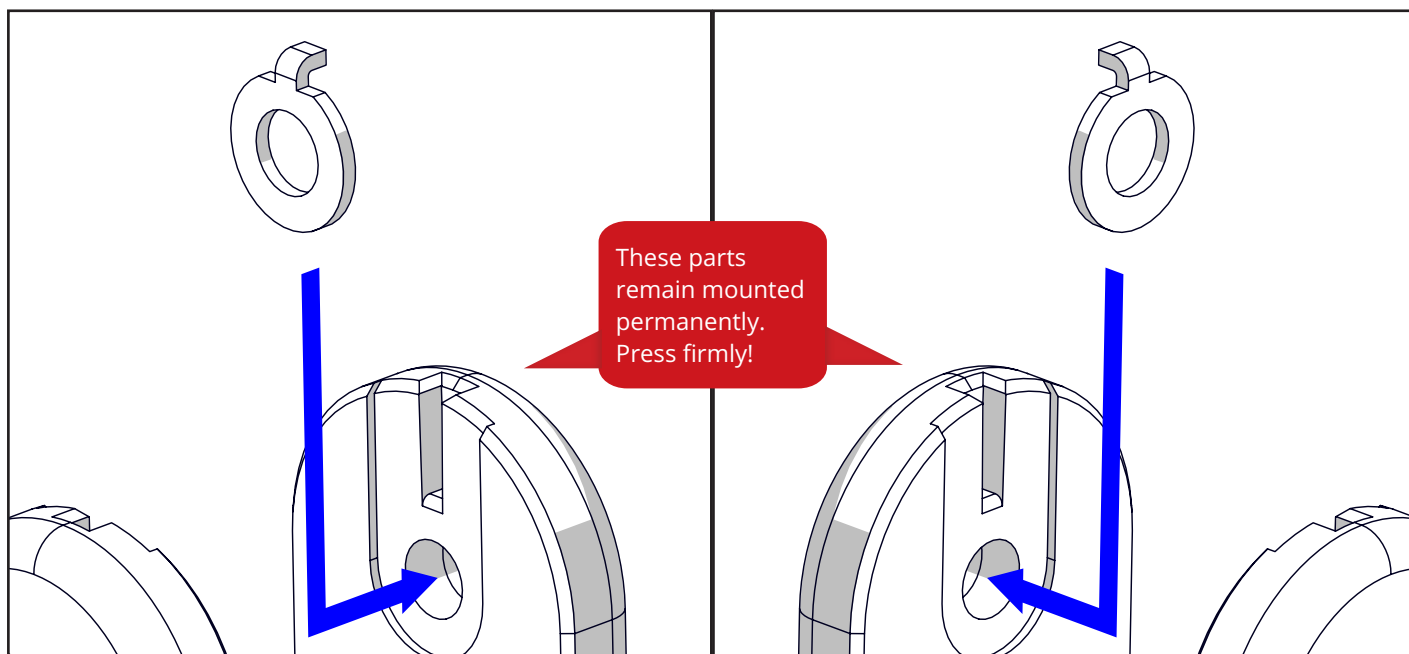
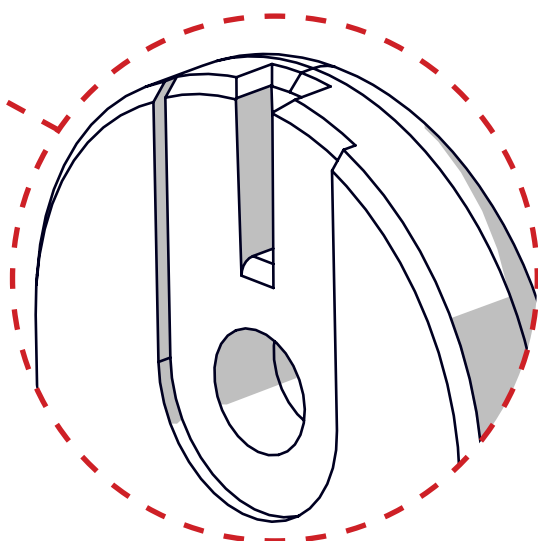
If your Kit contains a white fastener bag with 12 Nock Washers, please follow the steps on this page. If not, please skip to the next page of the manual.



2x  
Nock washer M8-16



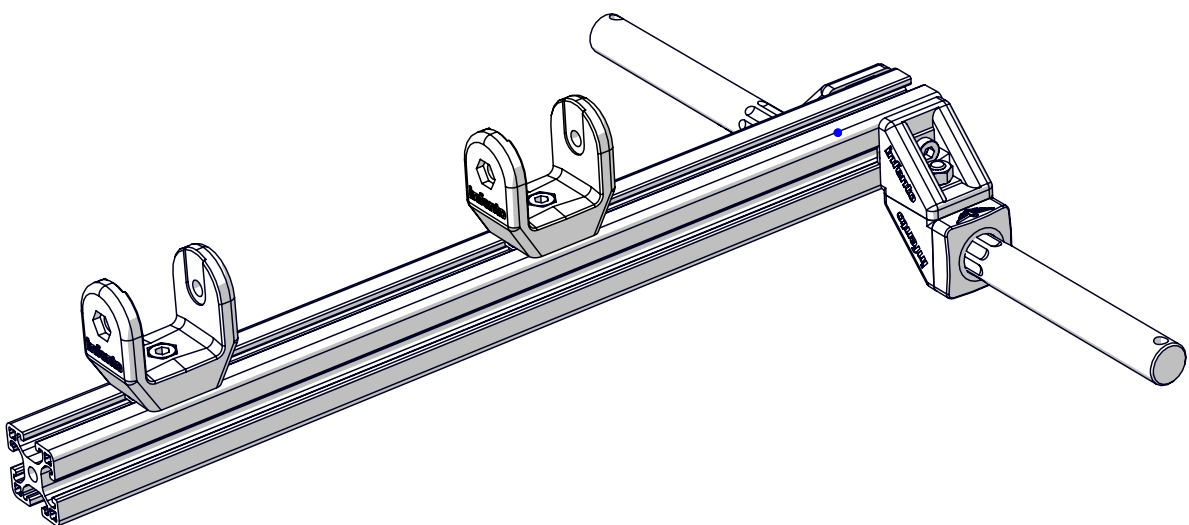
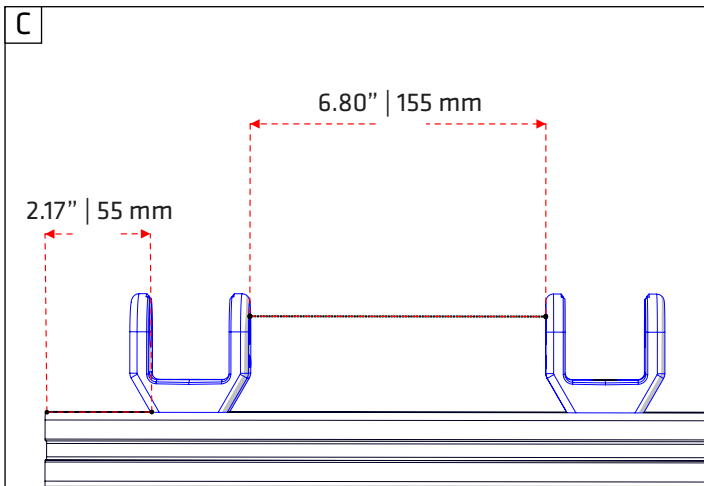
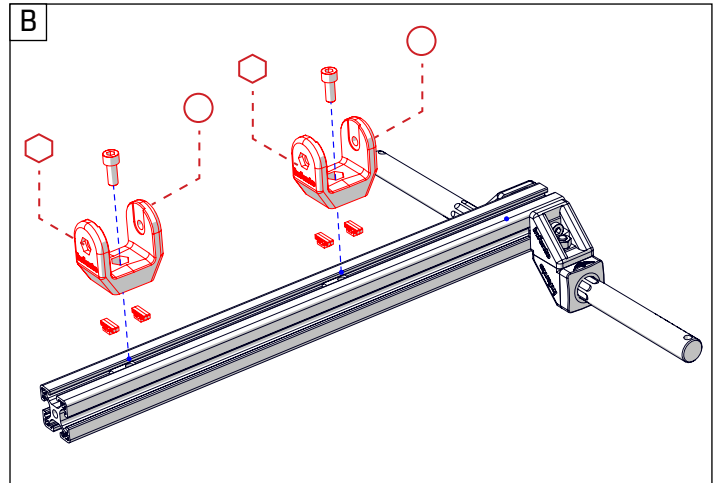
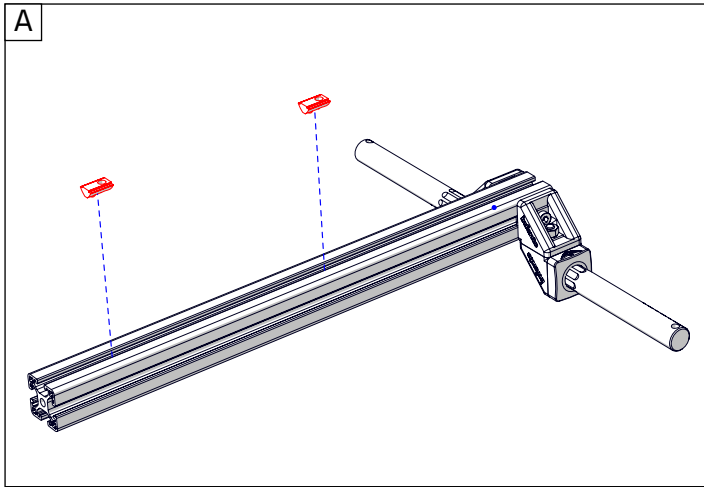
This is the U-block. Before being able to use this part, you need two Nock Washers M8-16. Press these washers into the slots.





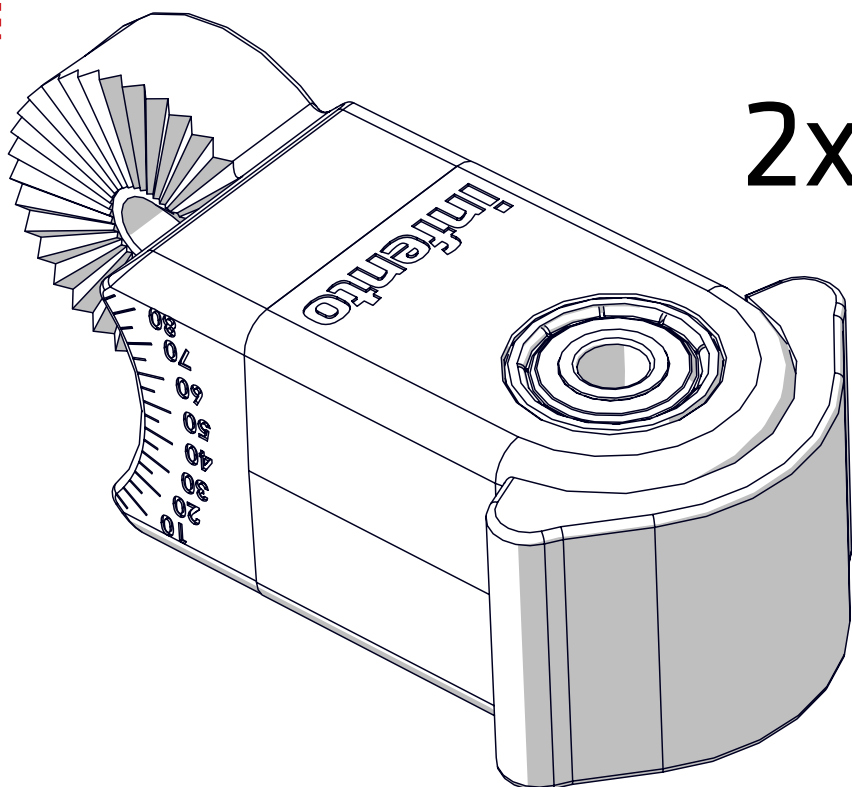
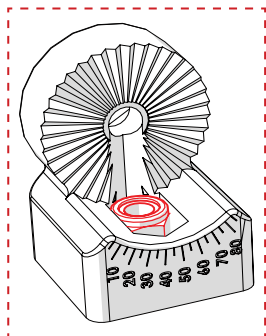
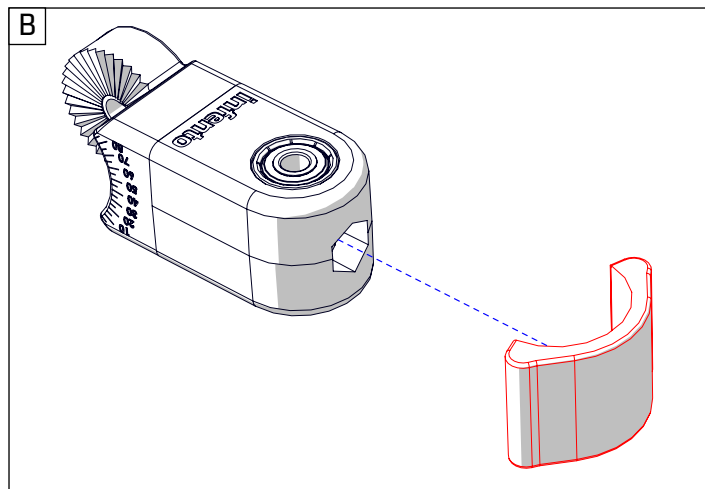
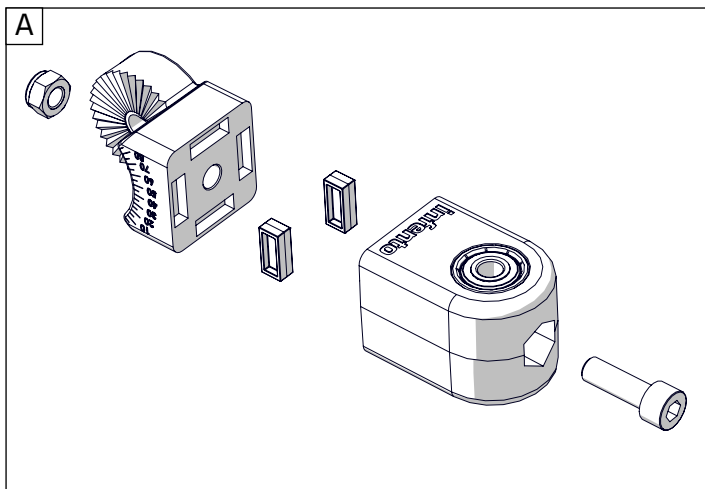
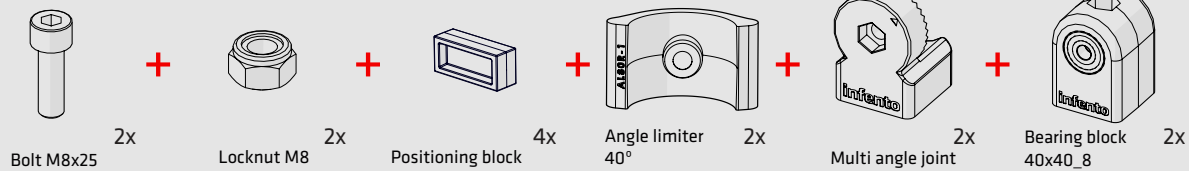
42

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





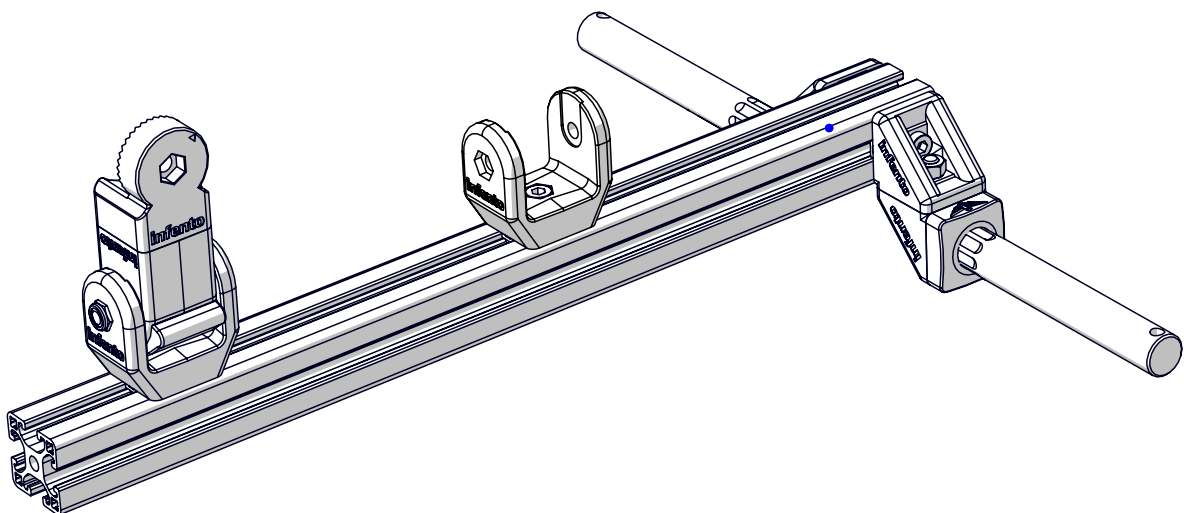
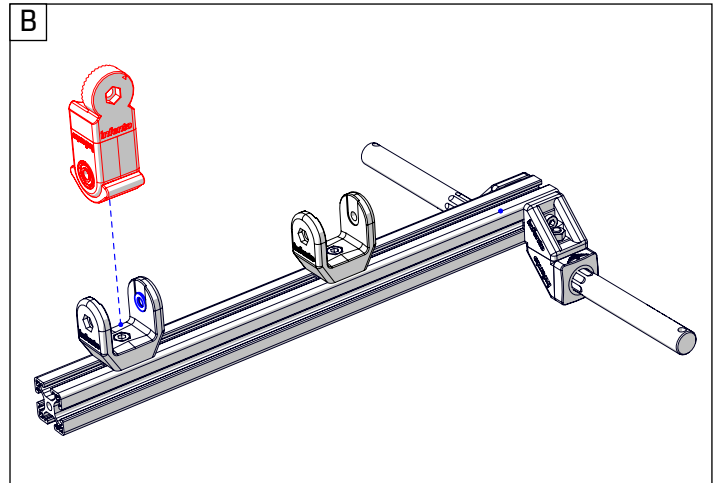
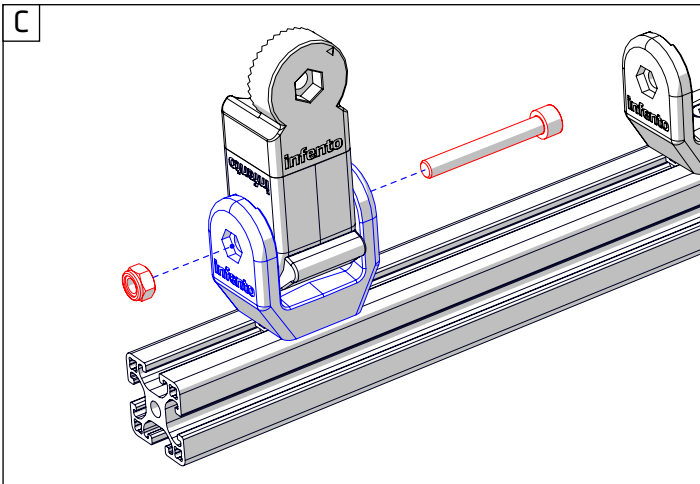
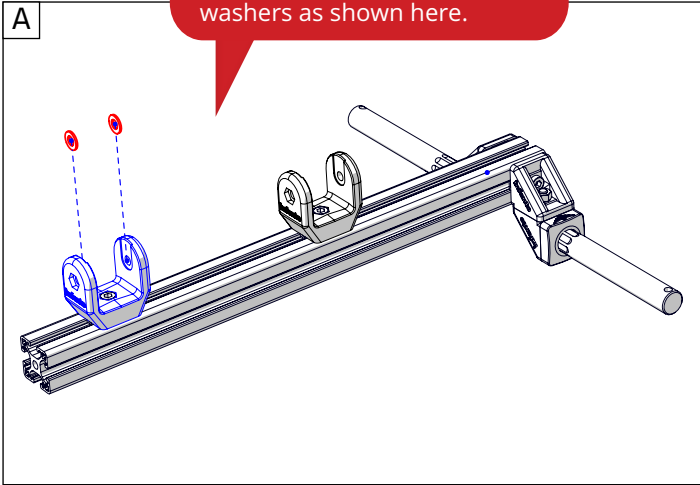
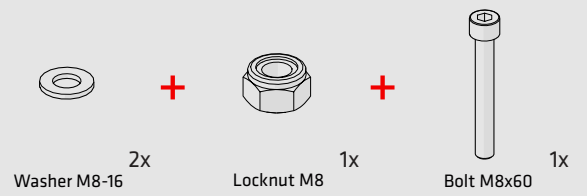
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If your U-block or Kit doesn't have the M8-16 Nock Washers, you can use the regular M8-16 washers as shown here.





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Protect cap

1x

+



Washer M8-16

2x

+



Locknut M8

1x

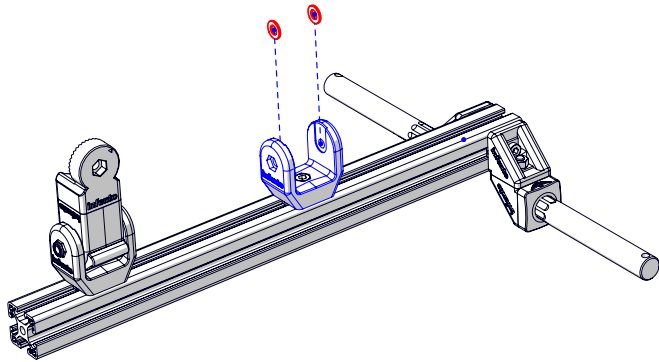
+



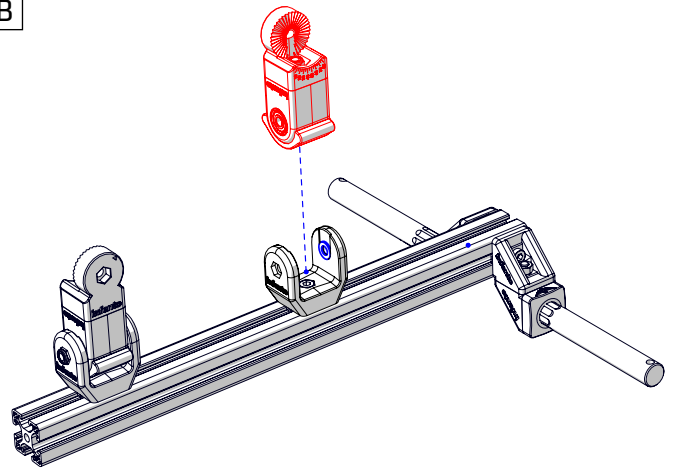
Bolt M8x60

1x

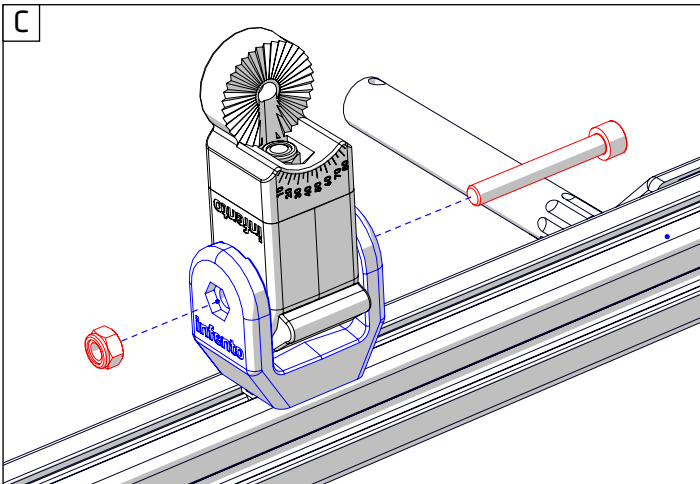
A



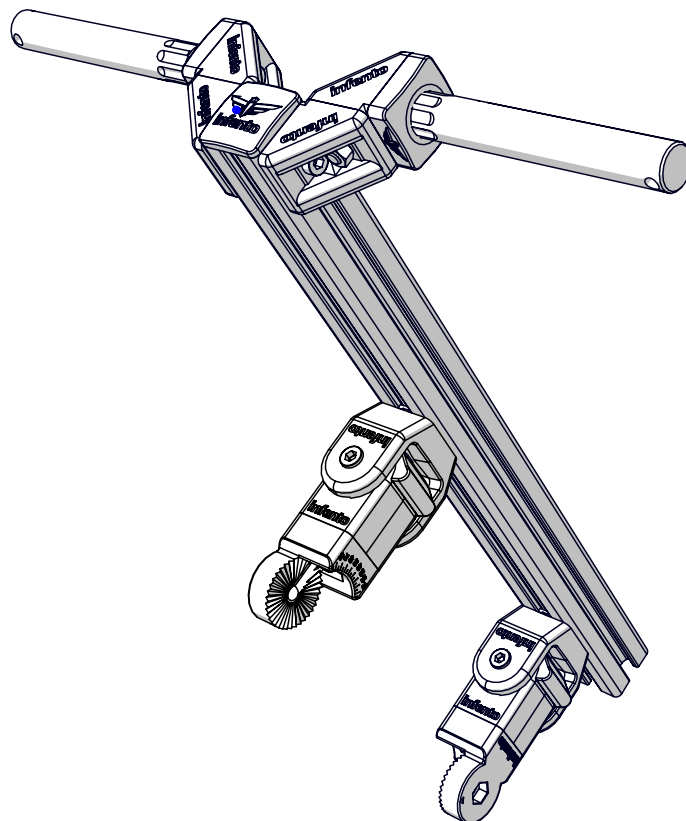
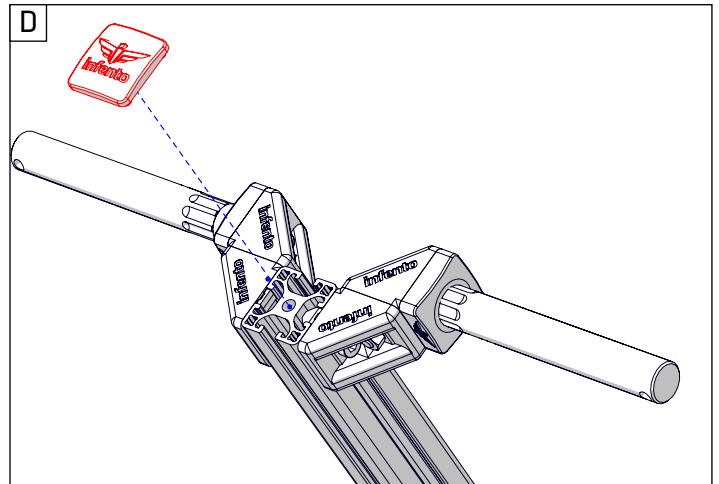
B



C



D



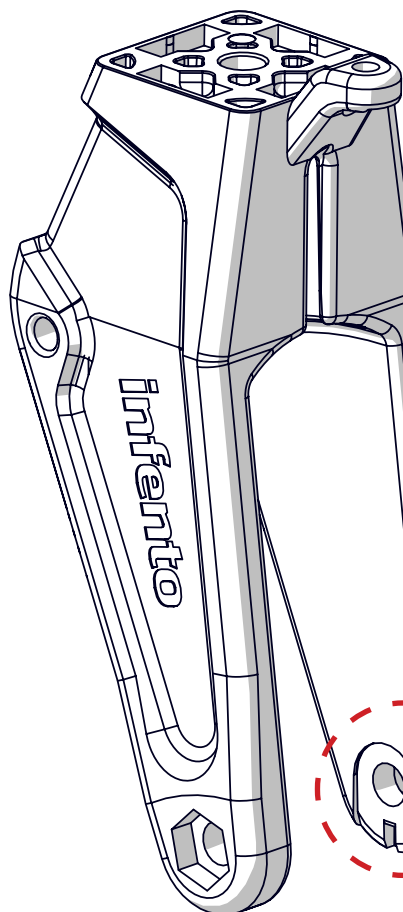


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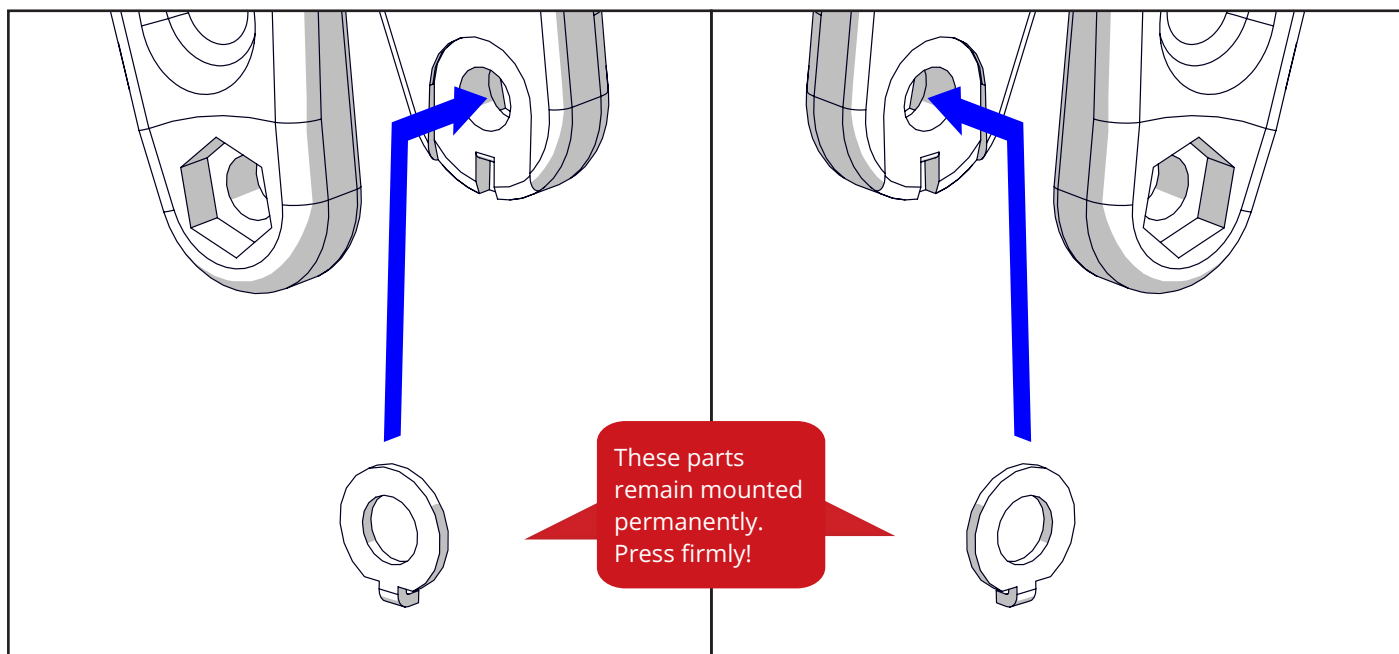
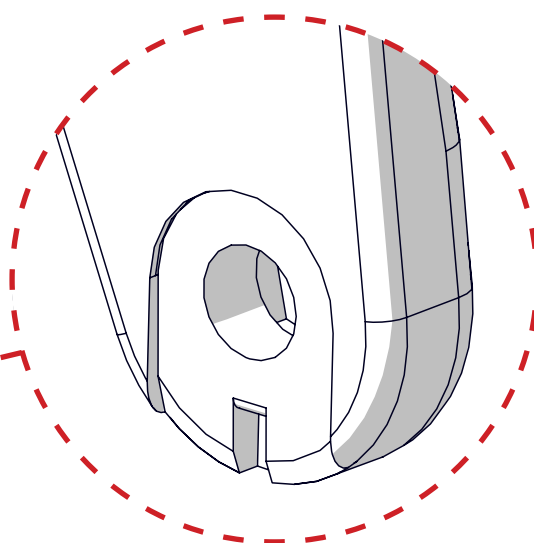
If your Kit contains a white fastener bag with 12 Nock Washers, please follow the steps on this page. If not, please skip to the next page of the manual.



2x  
Nock washer M8-16



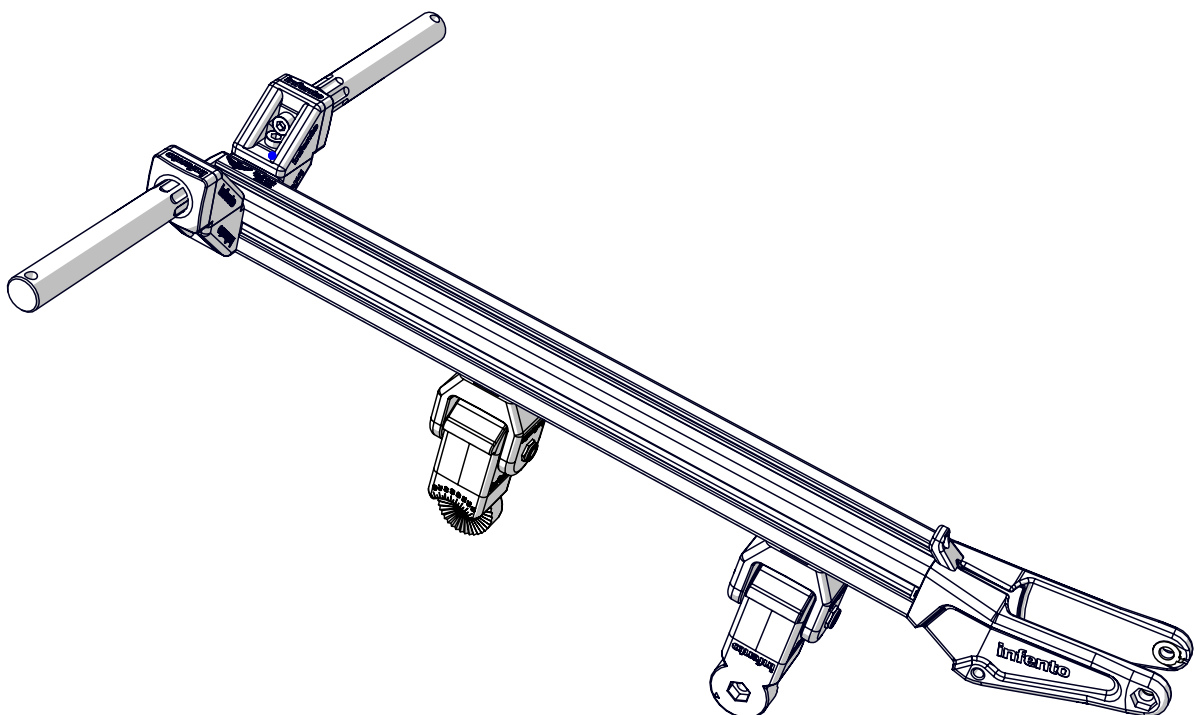
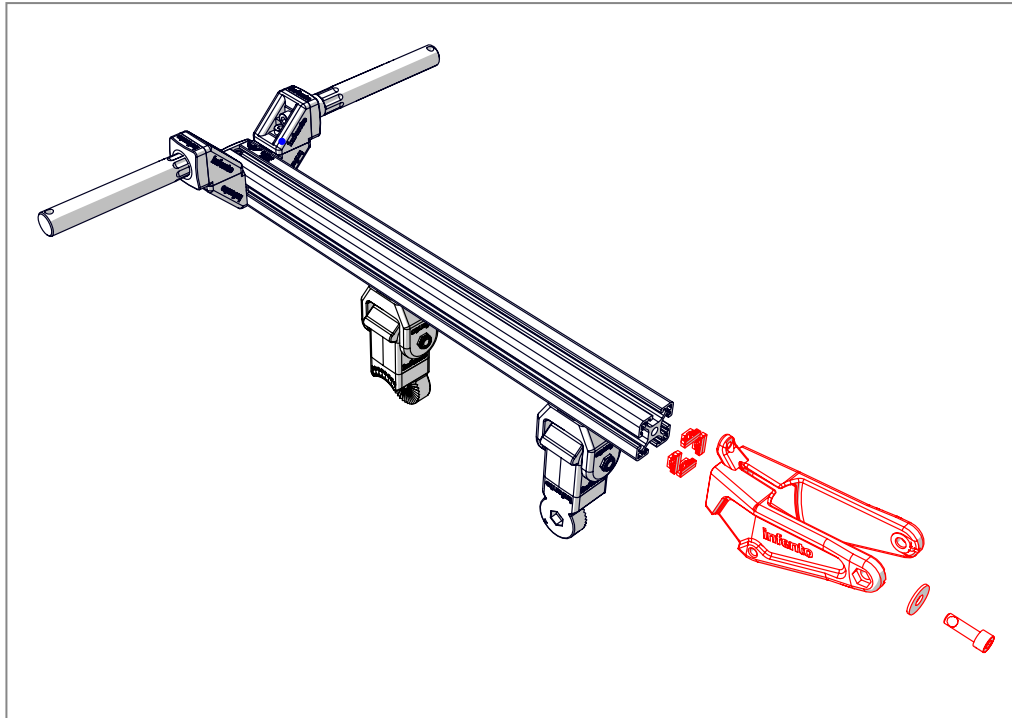
This is the 7" Wheelhouse. Before being able to use this part, you need two Nock Washers M8-16. Press these washers into the slots.





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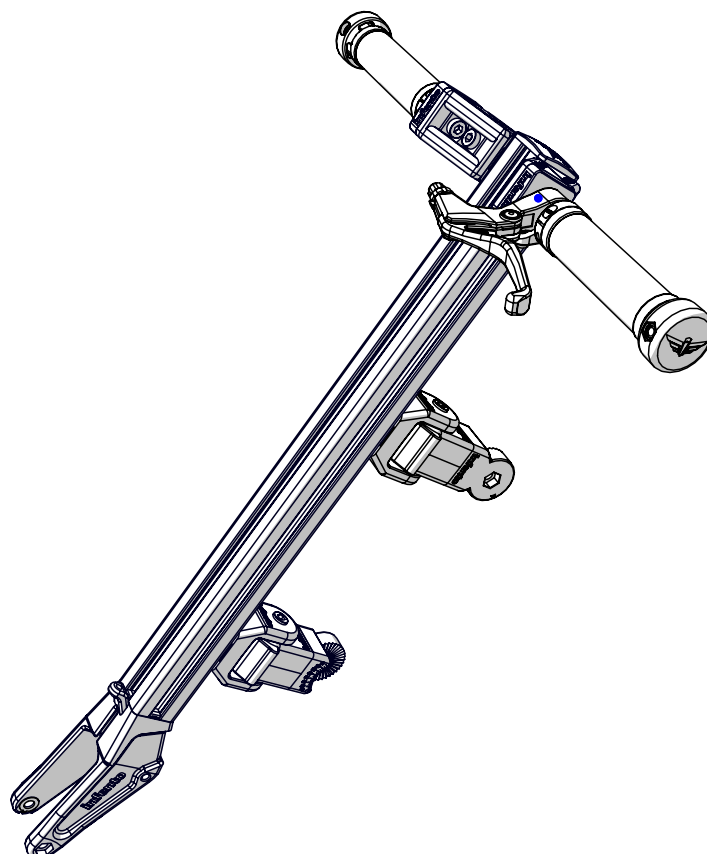
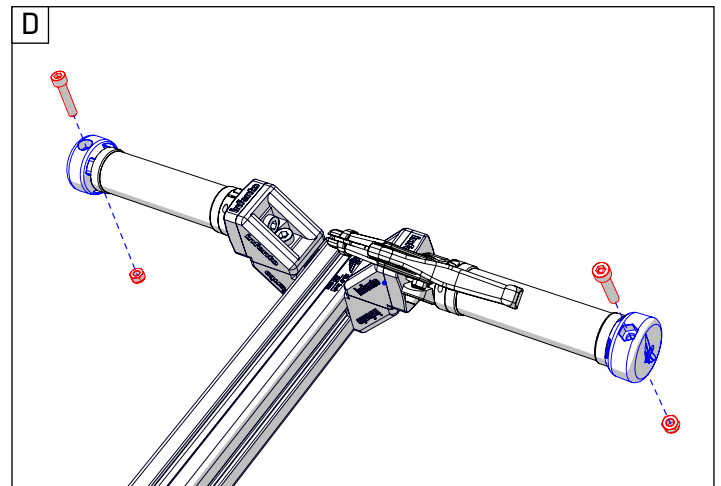
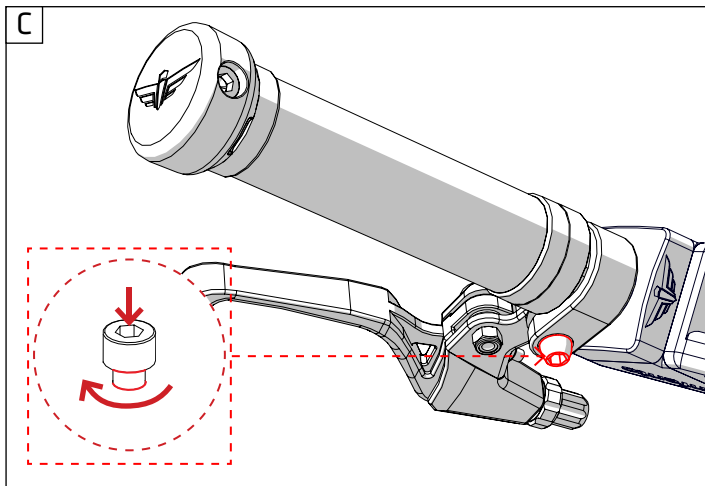
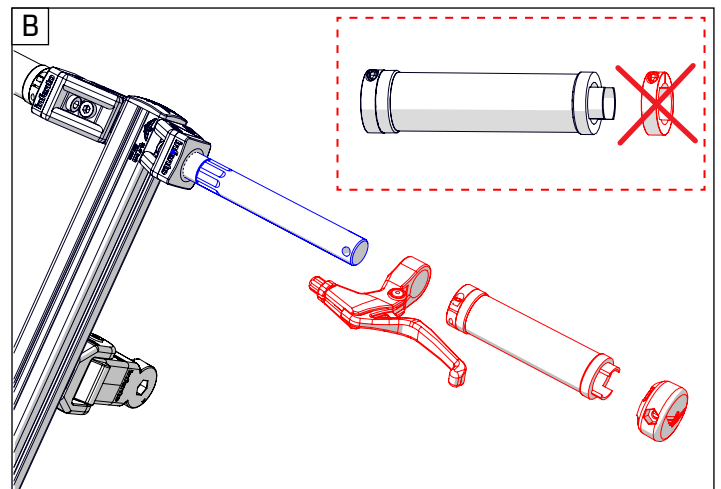
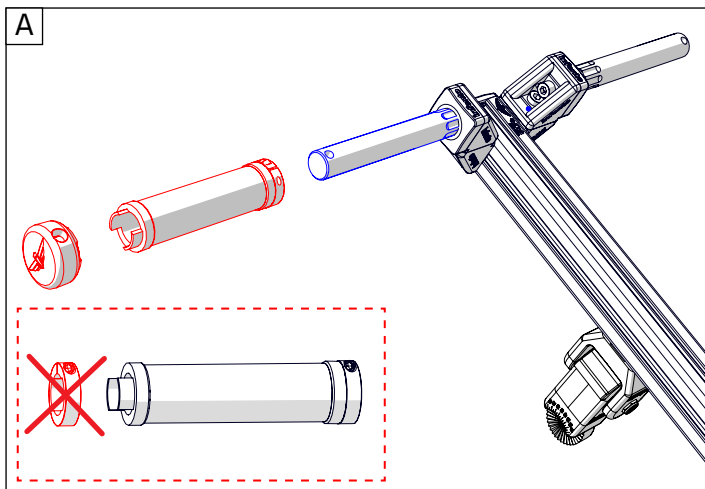
- T-Positioning block 4x    Washer M8-24 1x    Bolt M8x25 nylock 1x    7 inch wheel house 1x





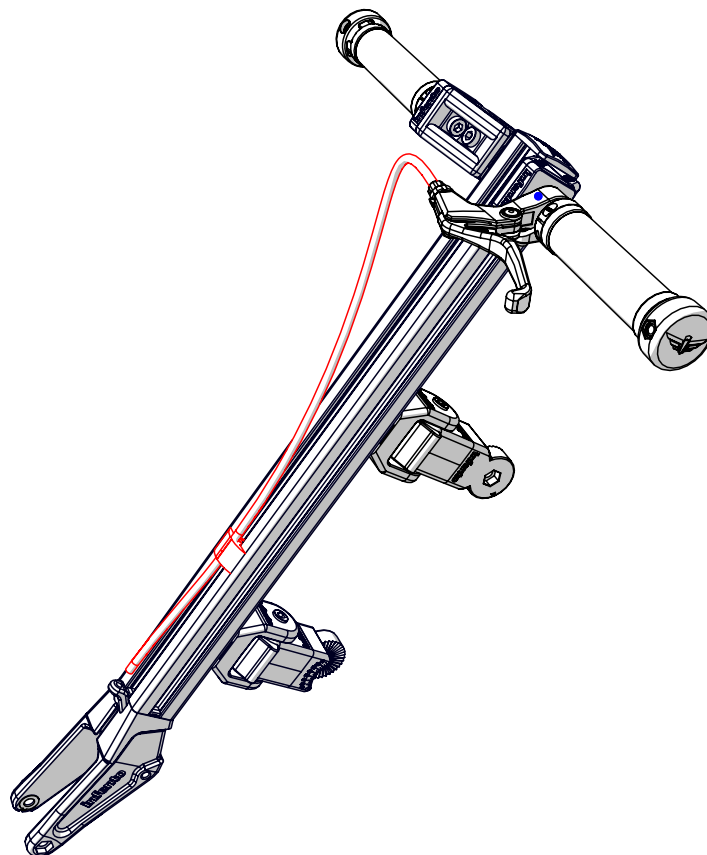
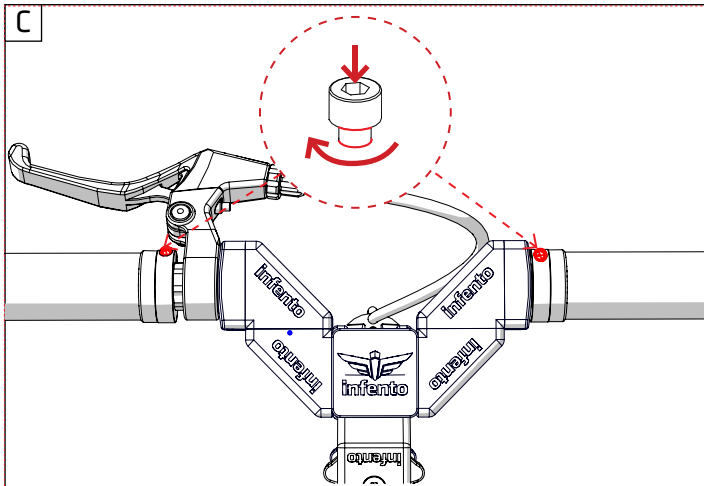
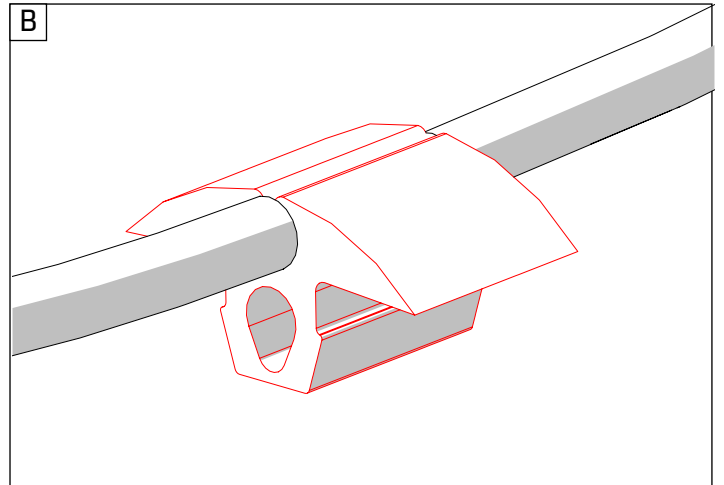
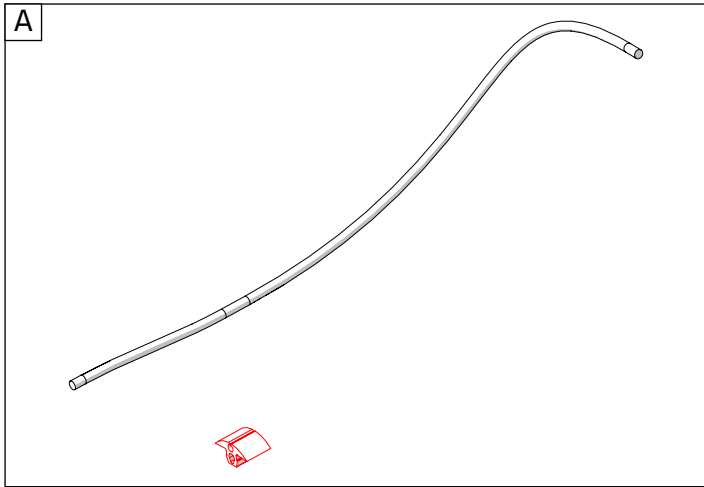
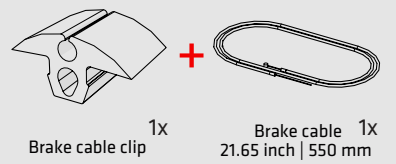
48

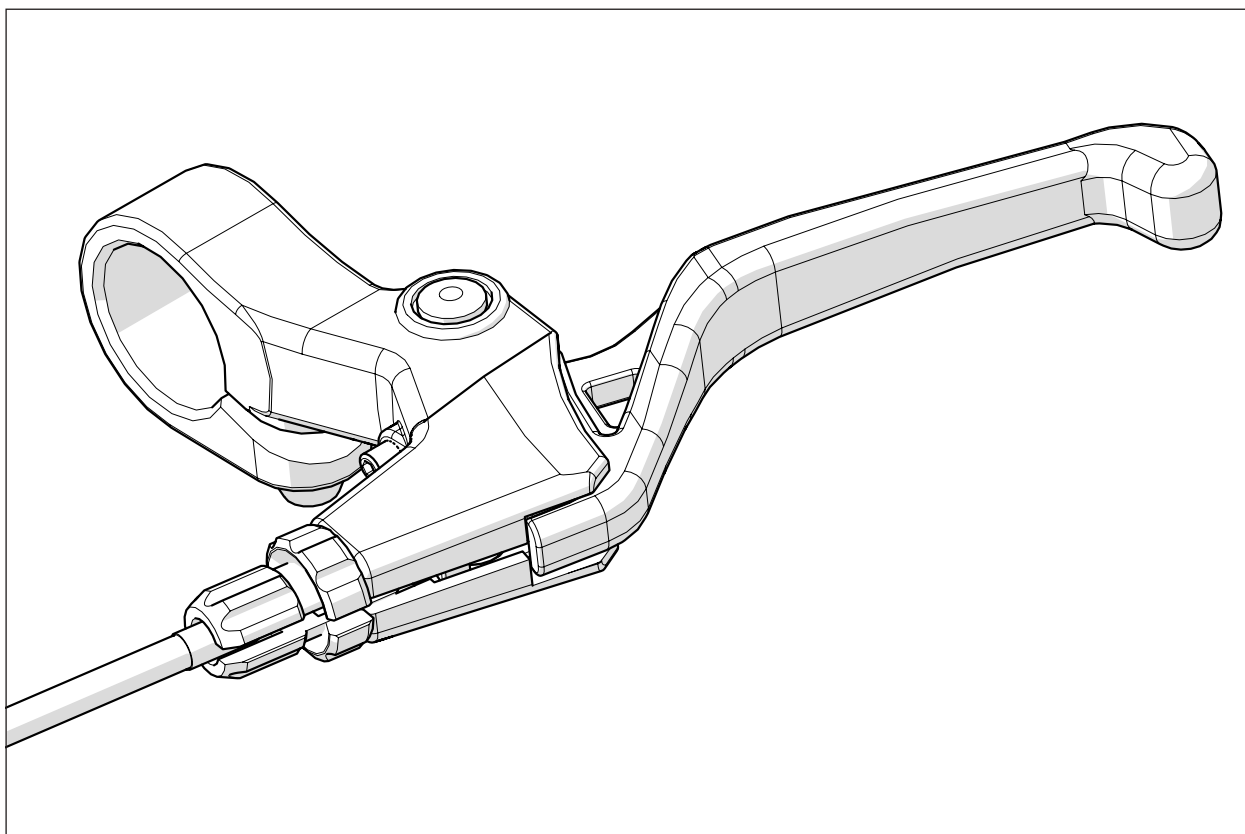
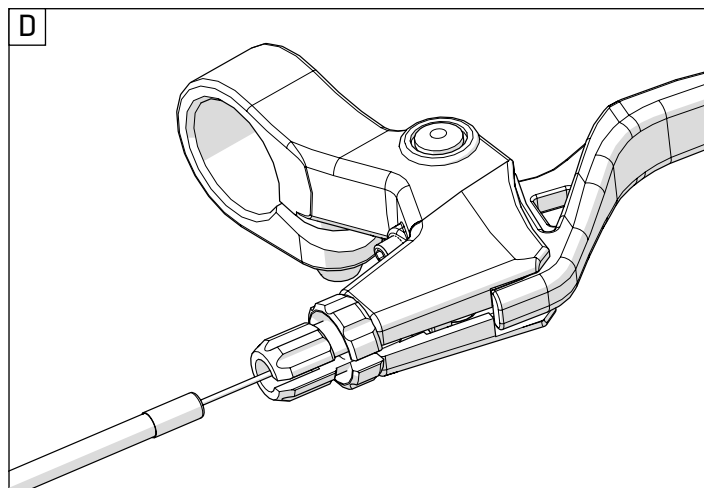
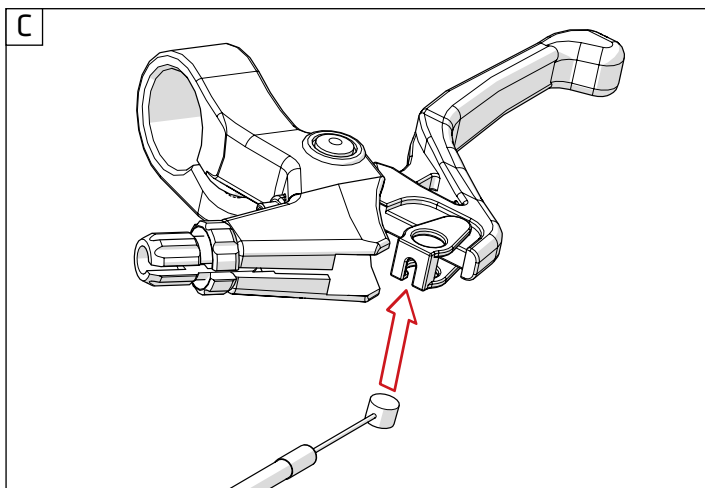
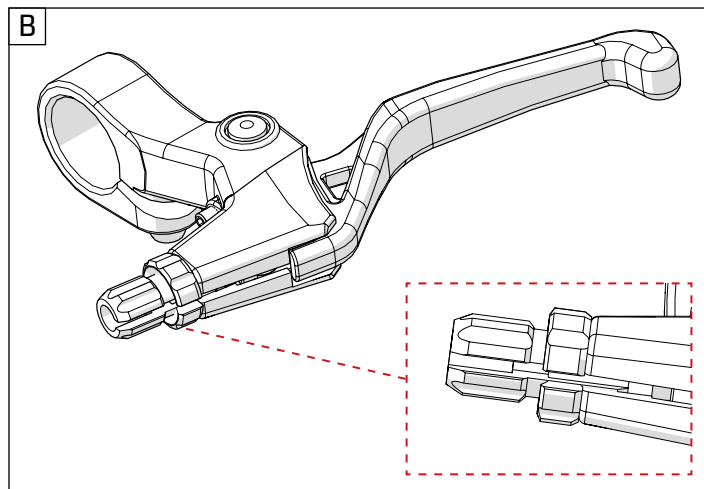
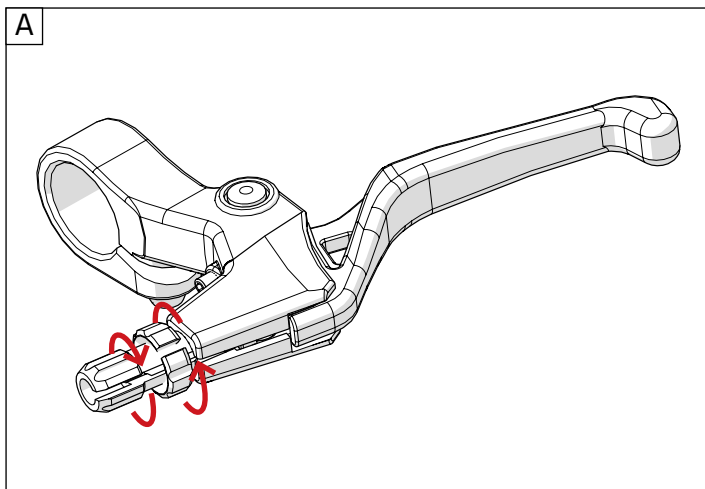
Bolt M6x30 2x + Locknut M6 2x + Handlebar knob 2x + Handgrip 2x + Brake lever left 1x





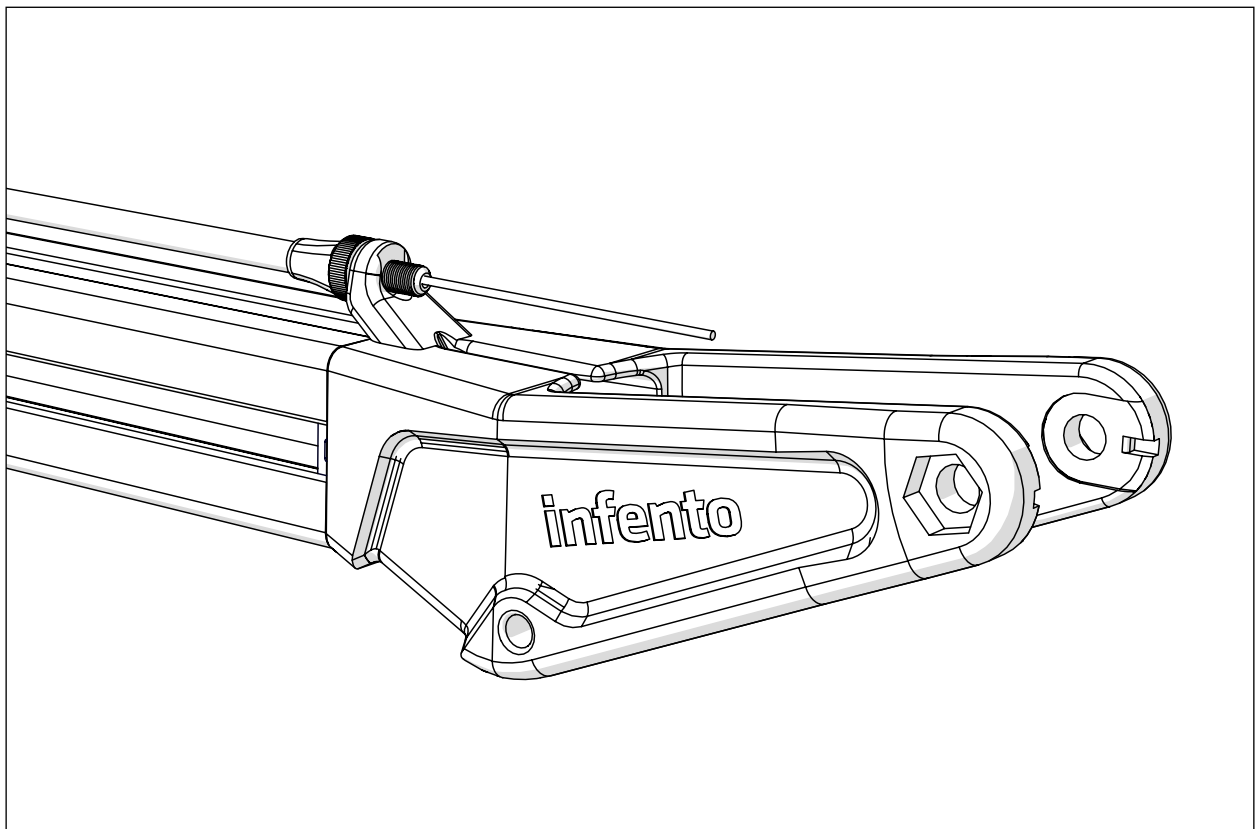
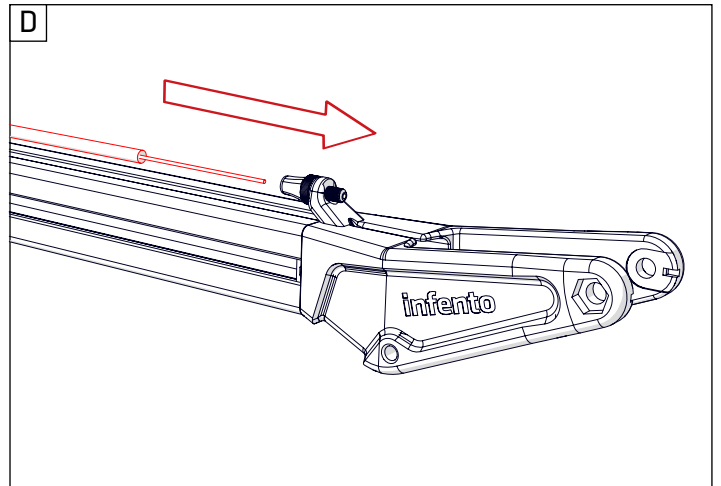
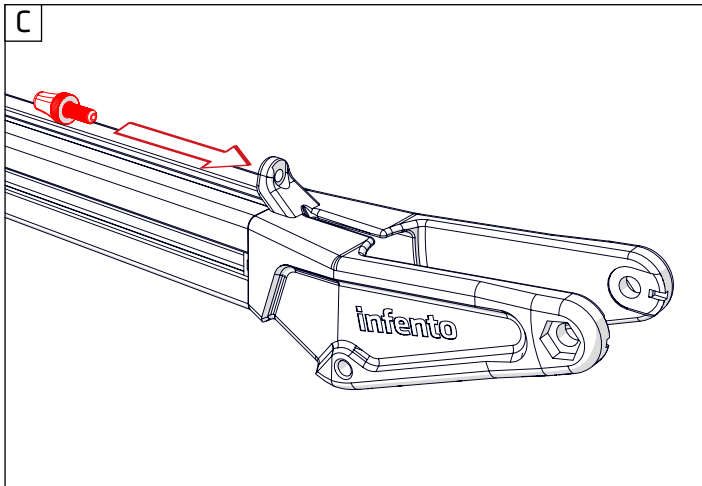
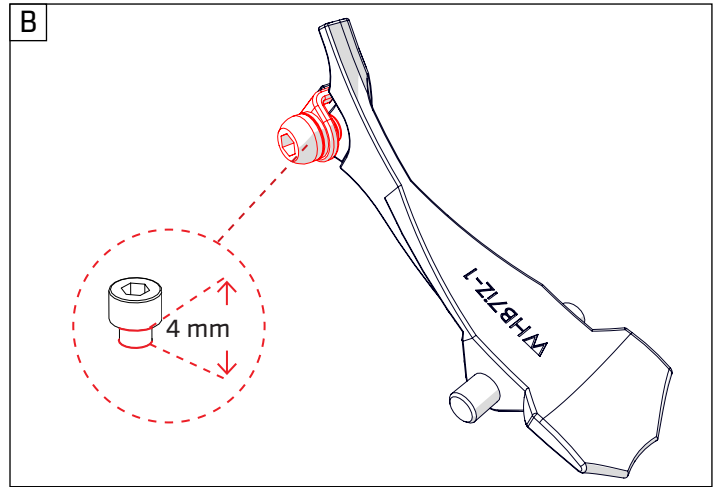
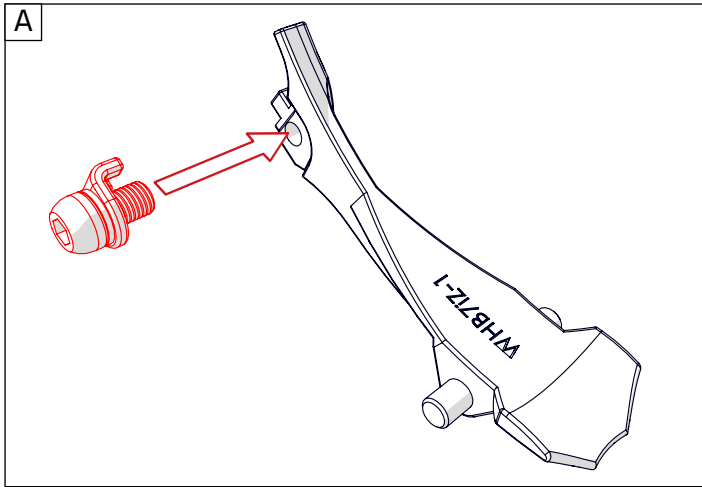
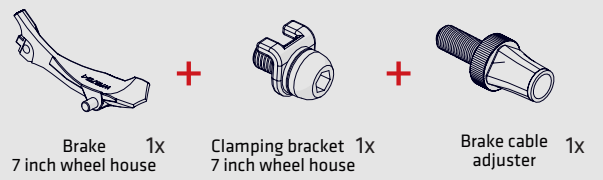
49





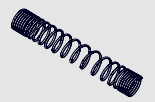


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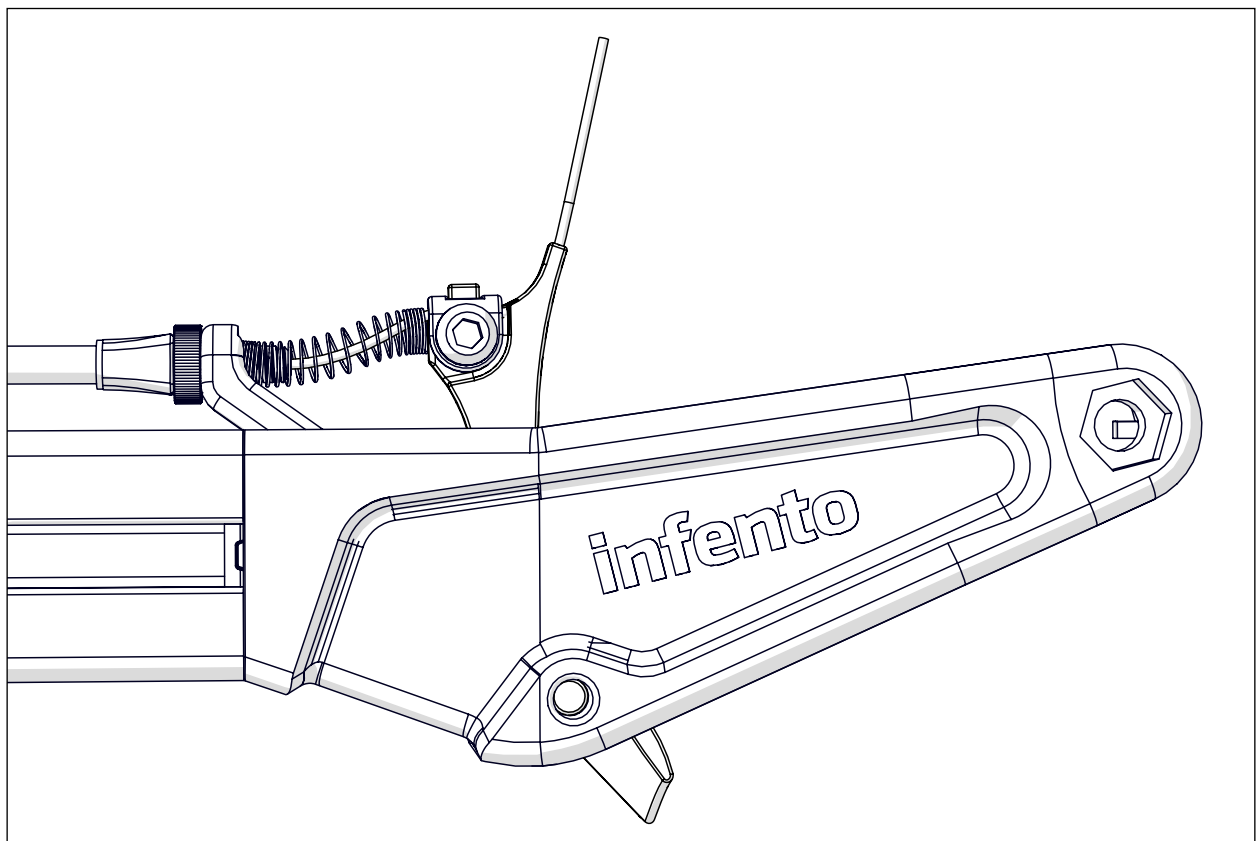
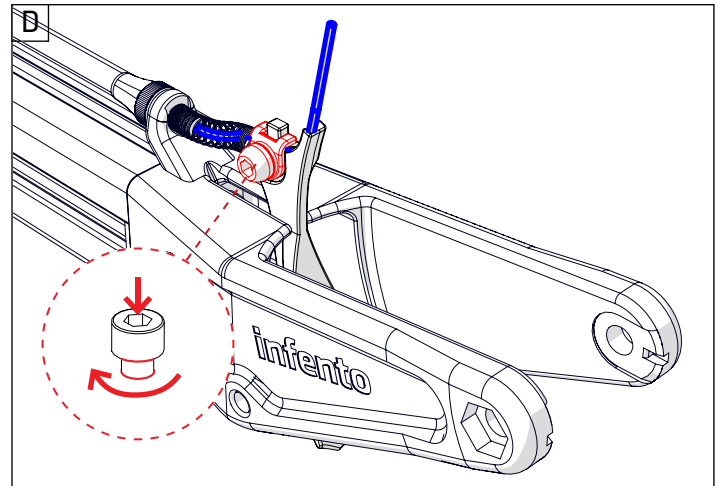
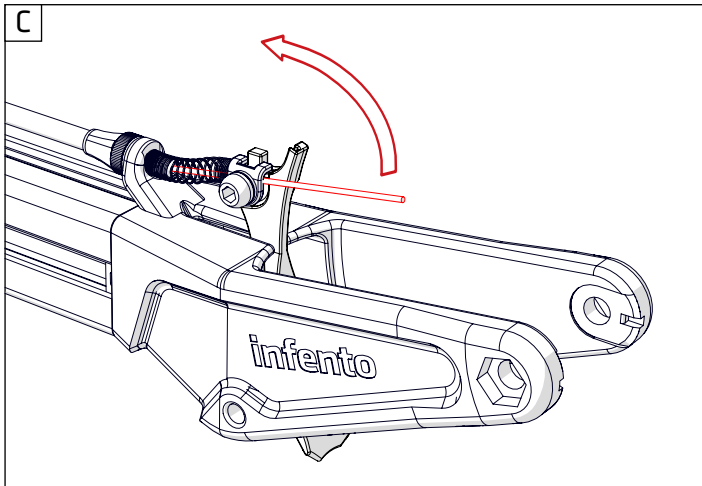
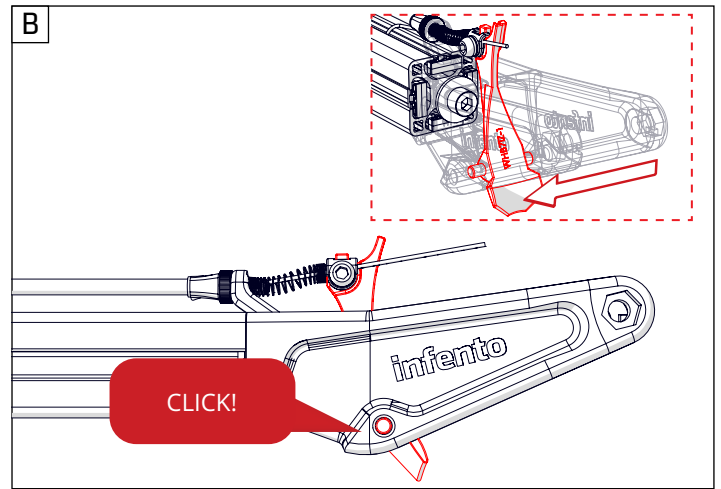
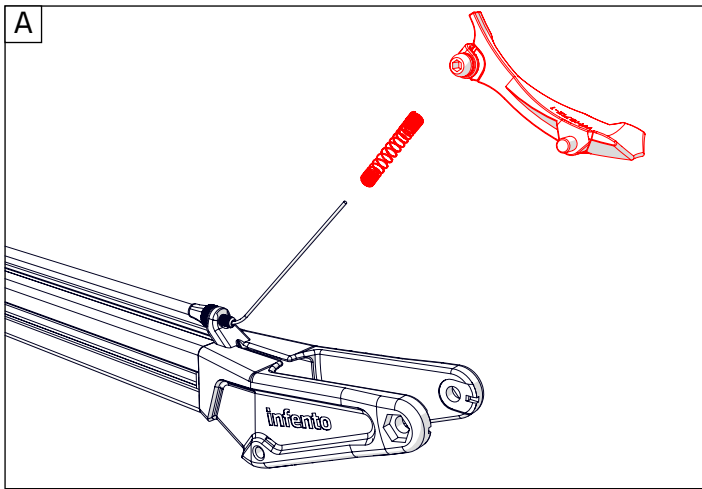




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Spring  
brake system 1x  
7 inch wheel house





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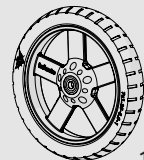
Locknut M8

1x



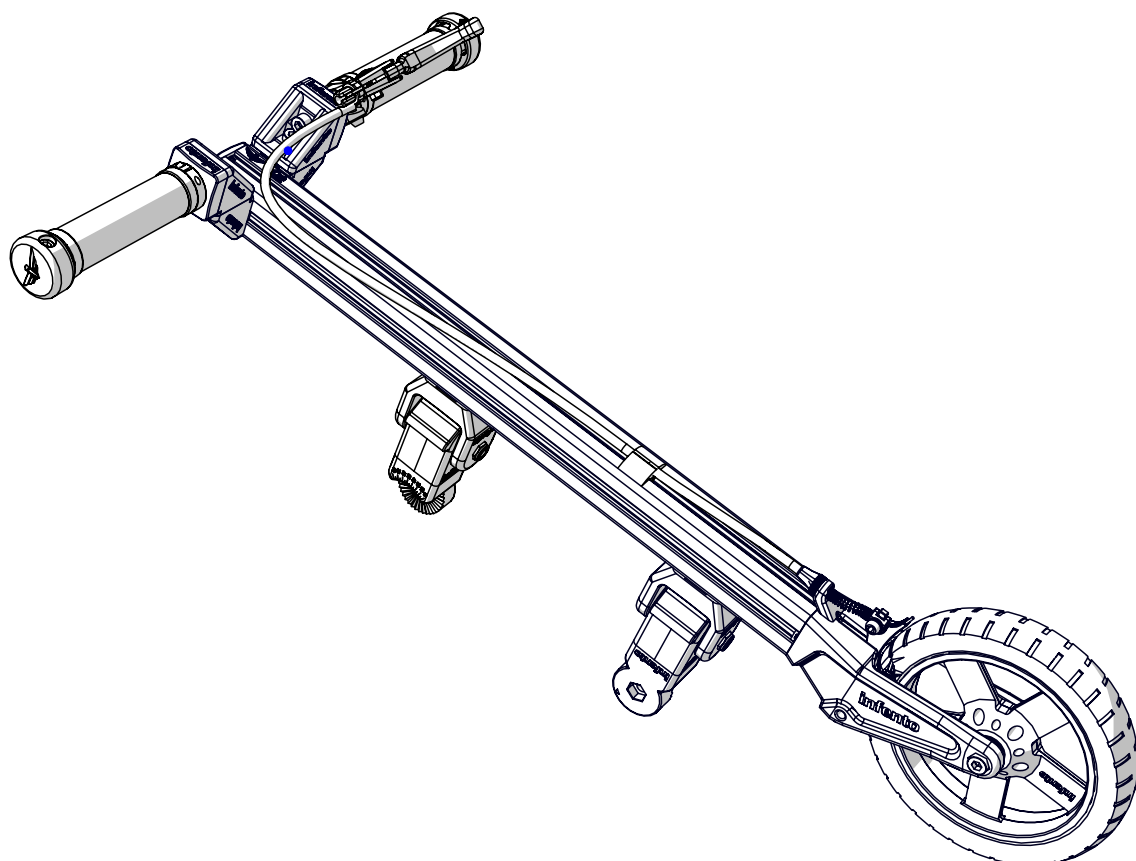
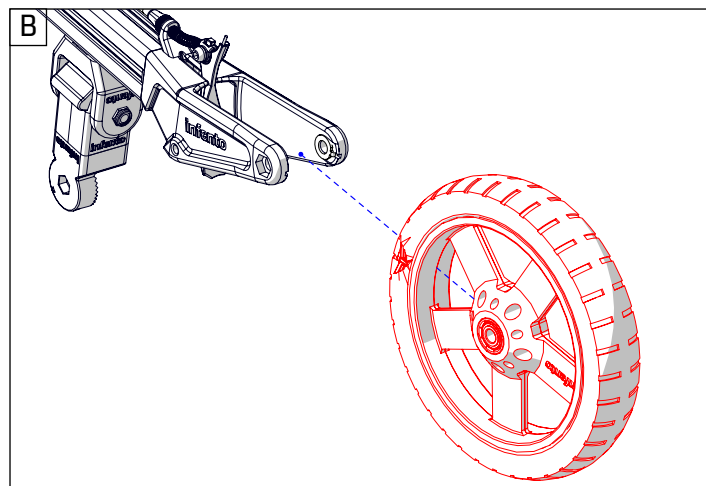
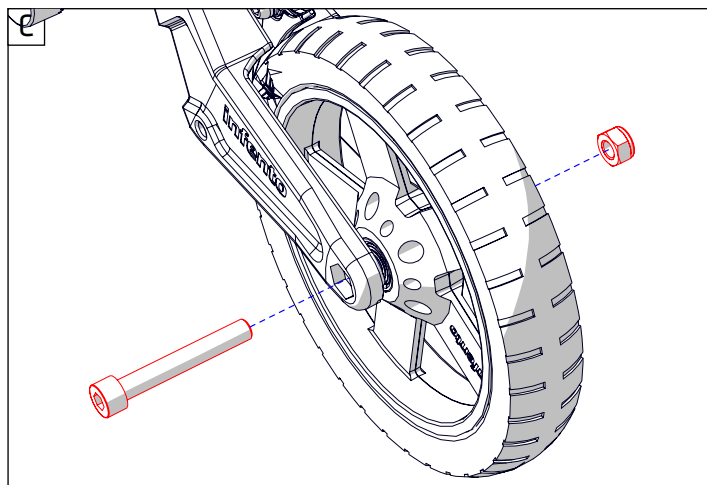
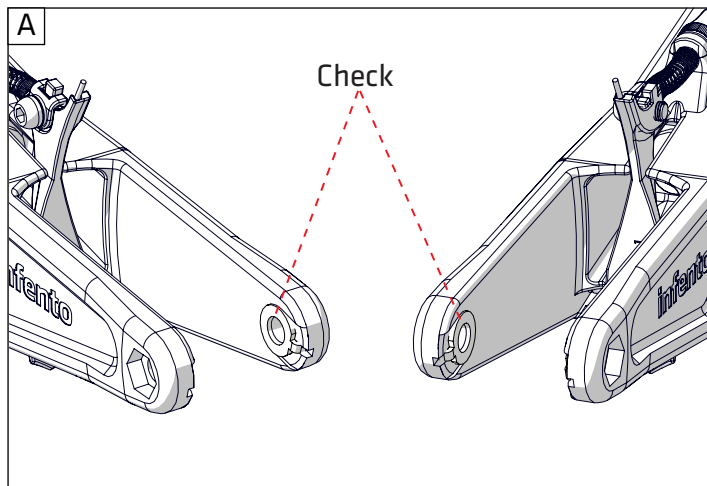
Bolt M8x55

1x



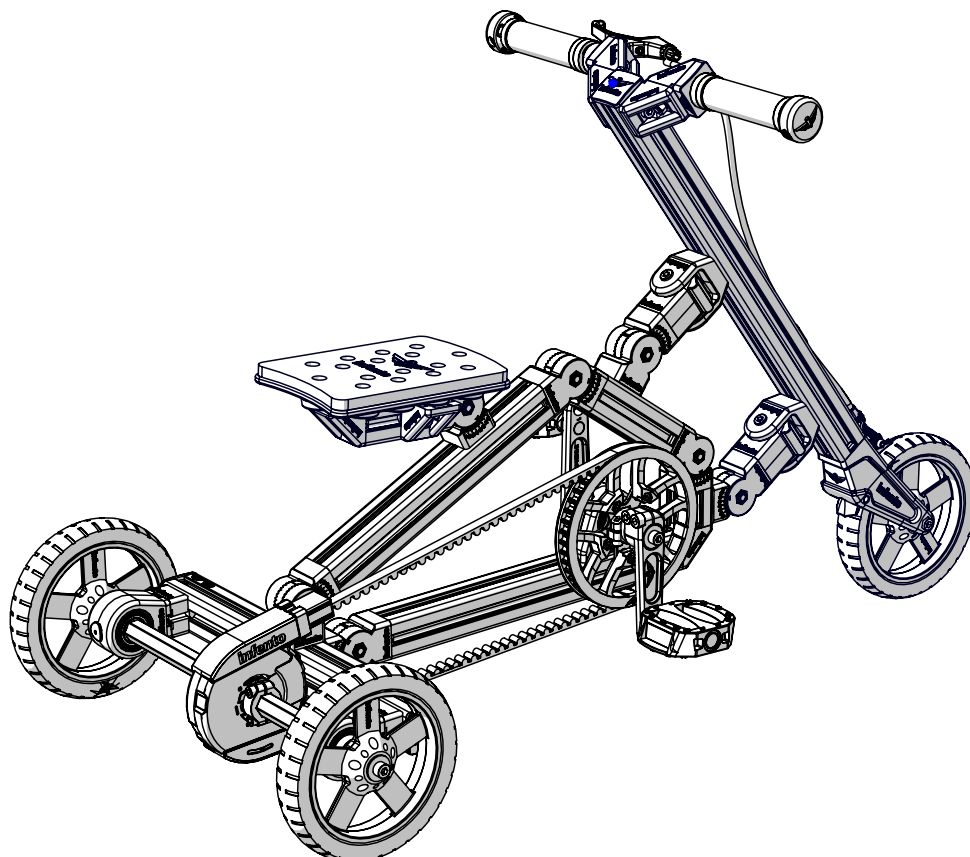
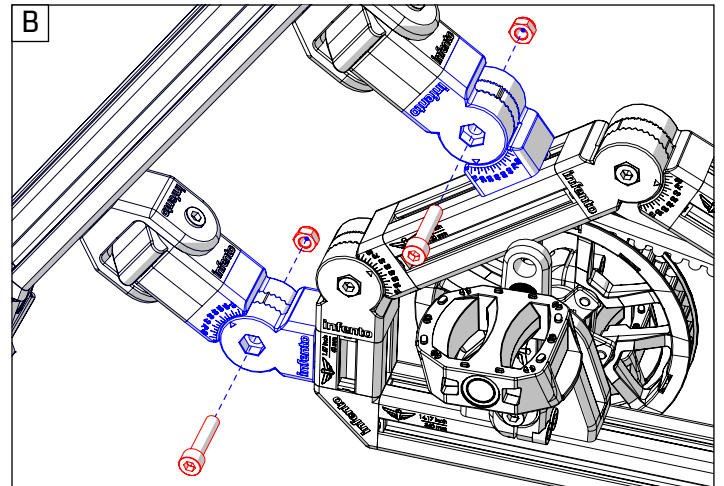
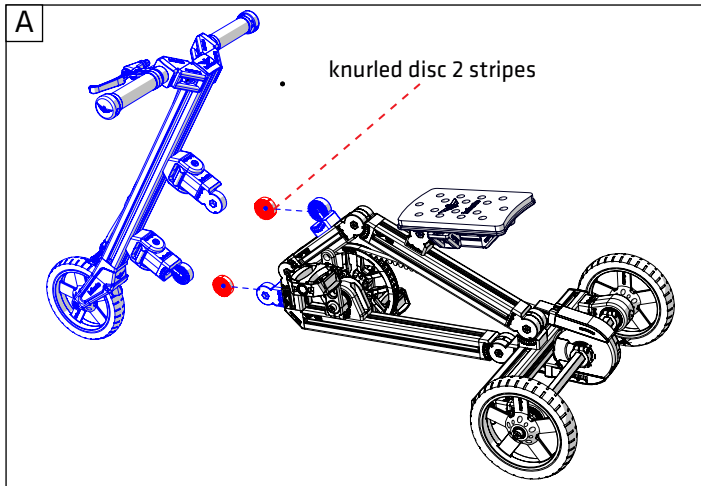
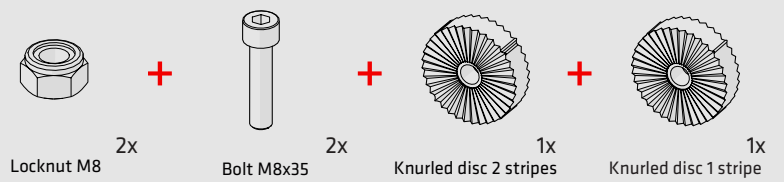
7 inch wheel

1x



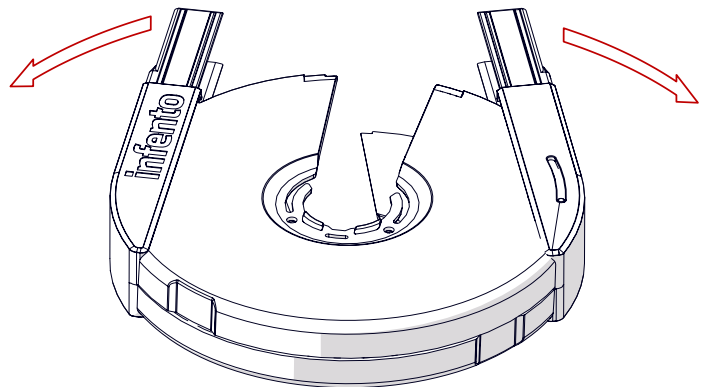
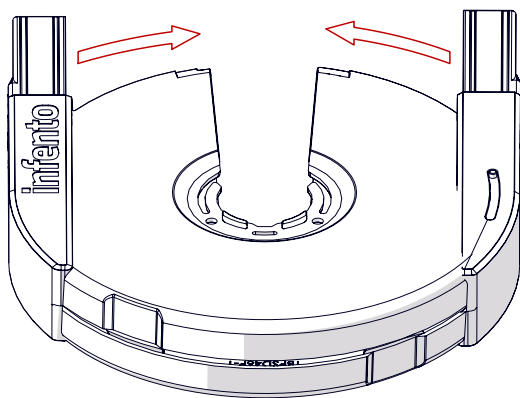
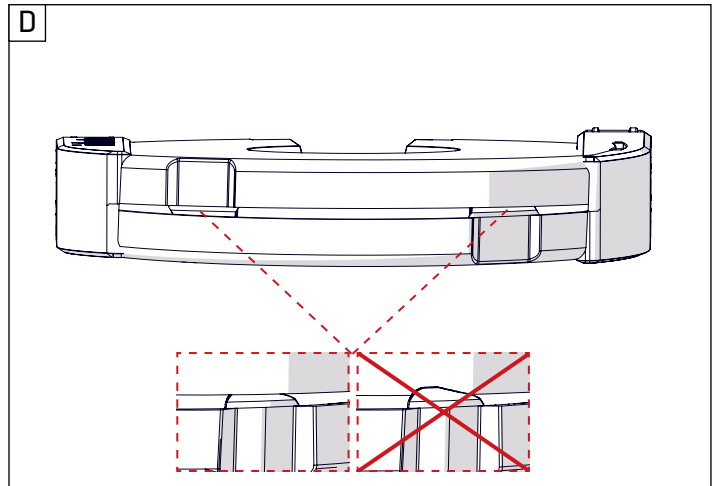
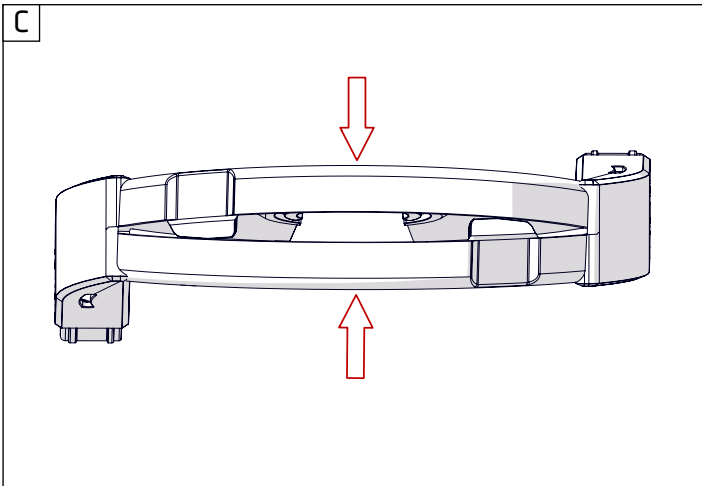
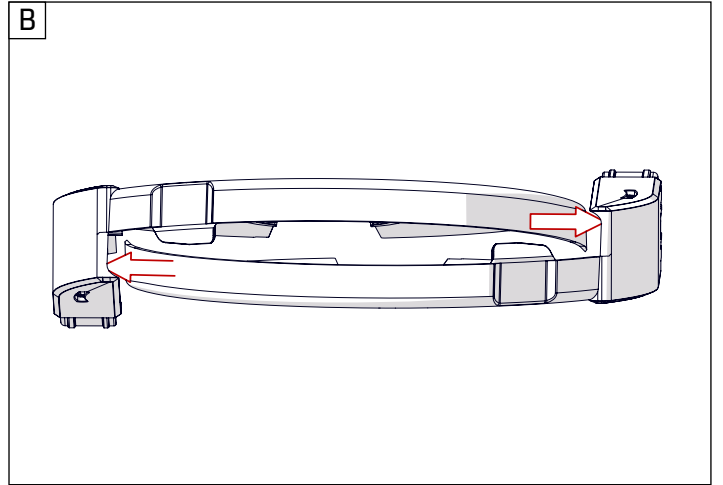
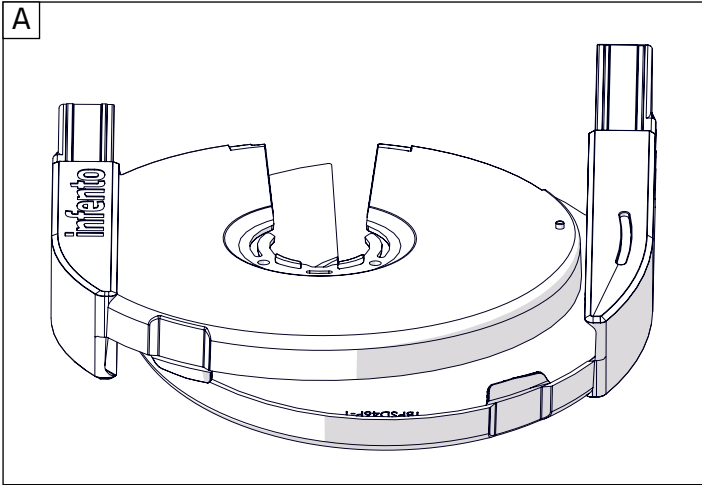


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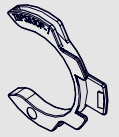


55



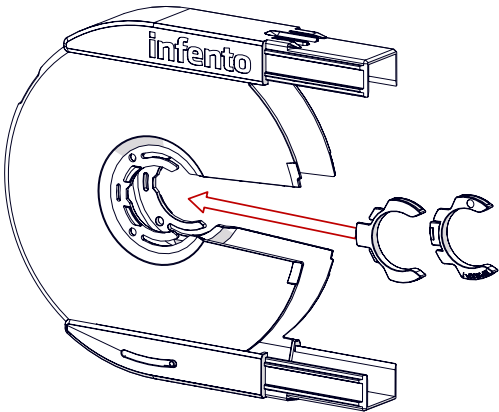


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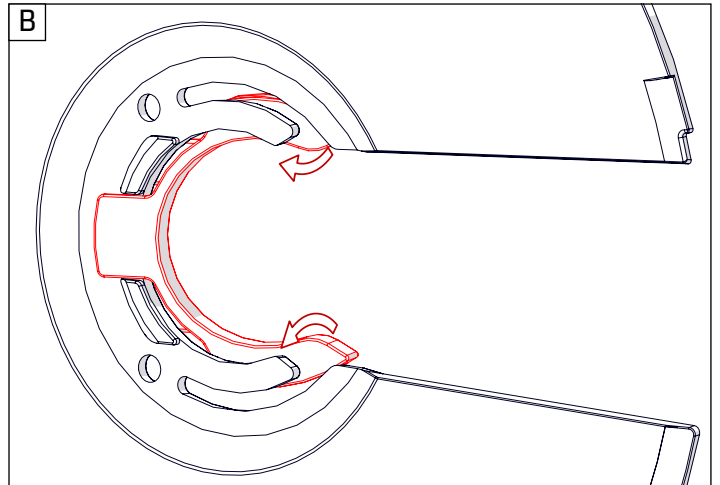


Belt shield 2x  
nylon ring

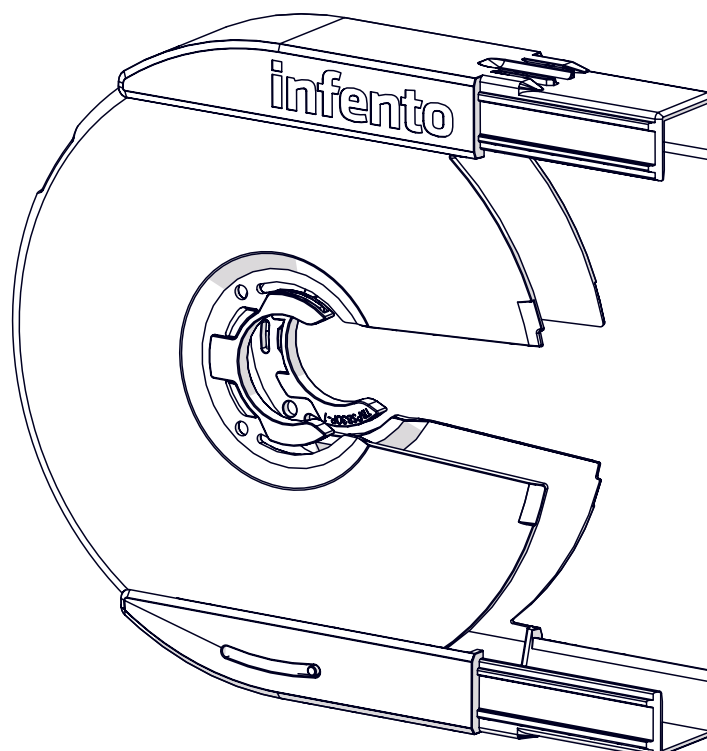
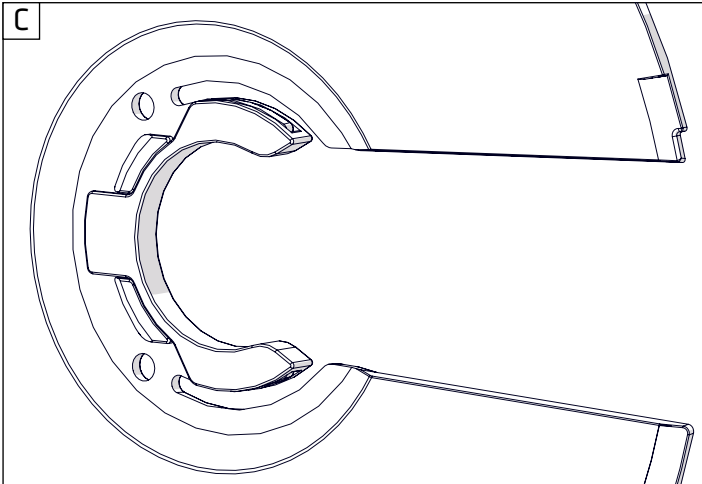
A



B

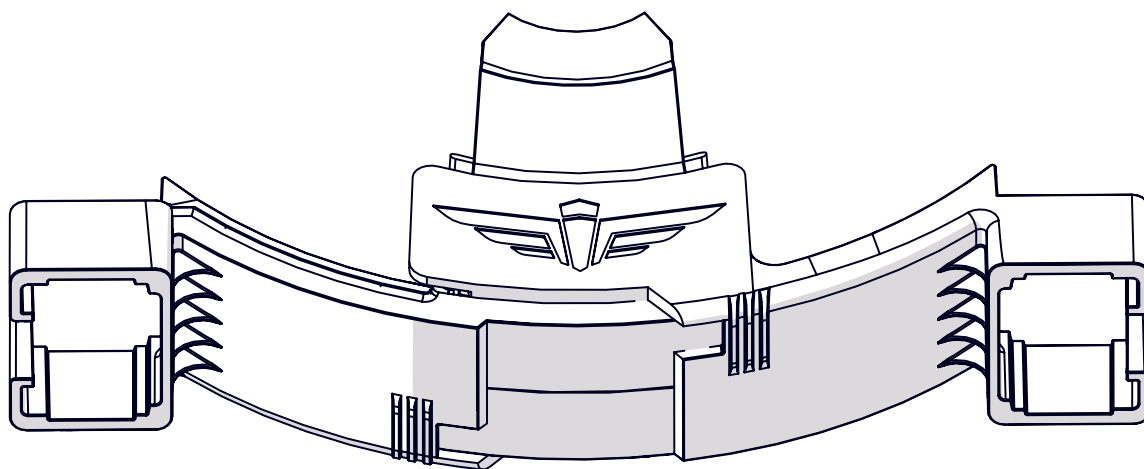
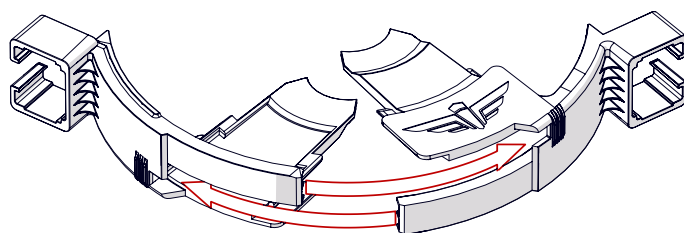
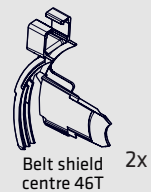


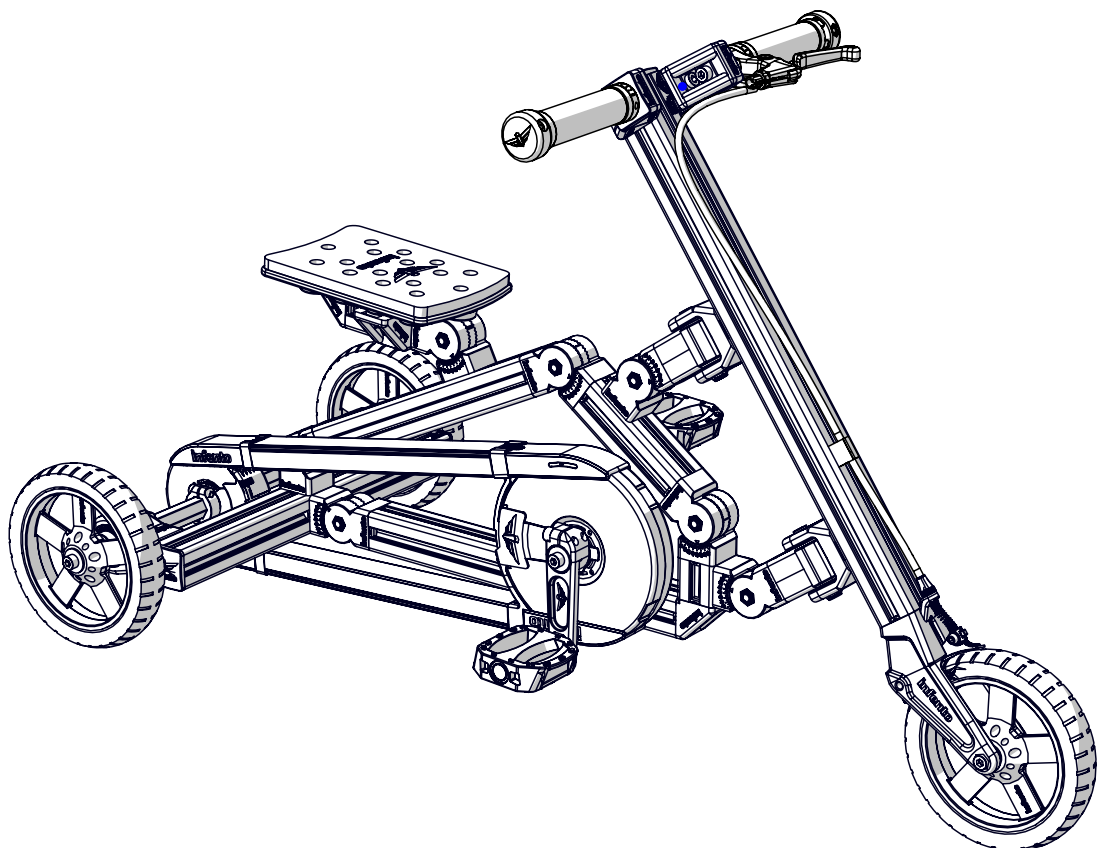
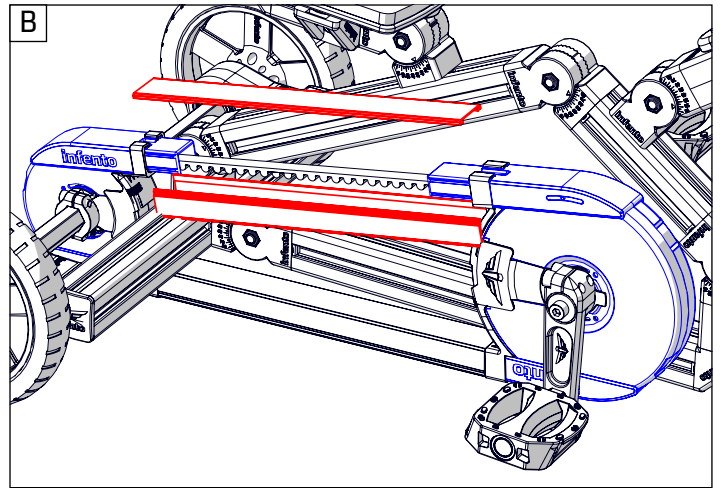
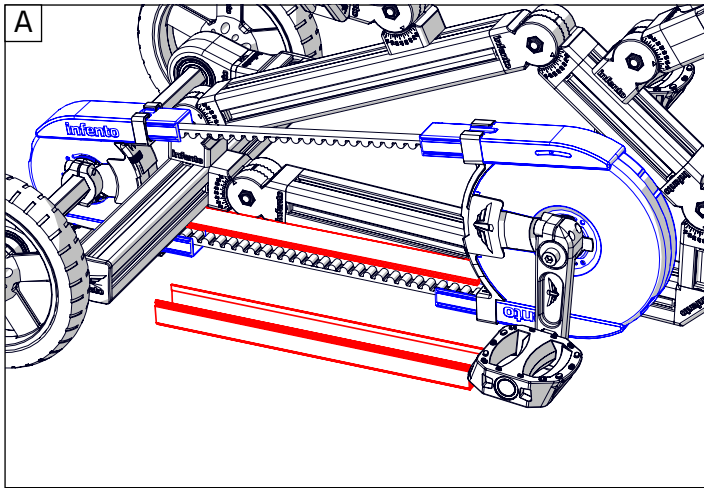
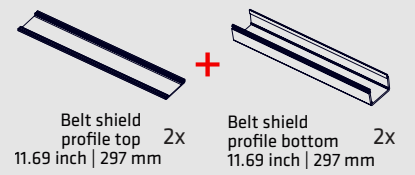
C

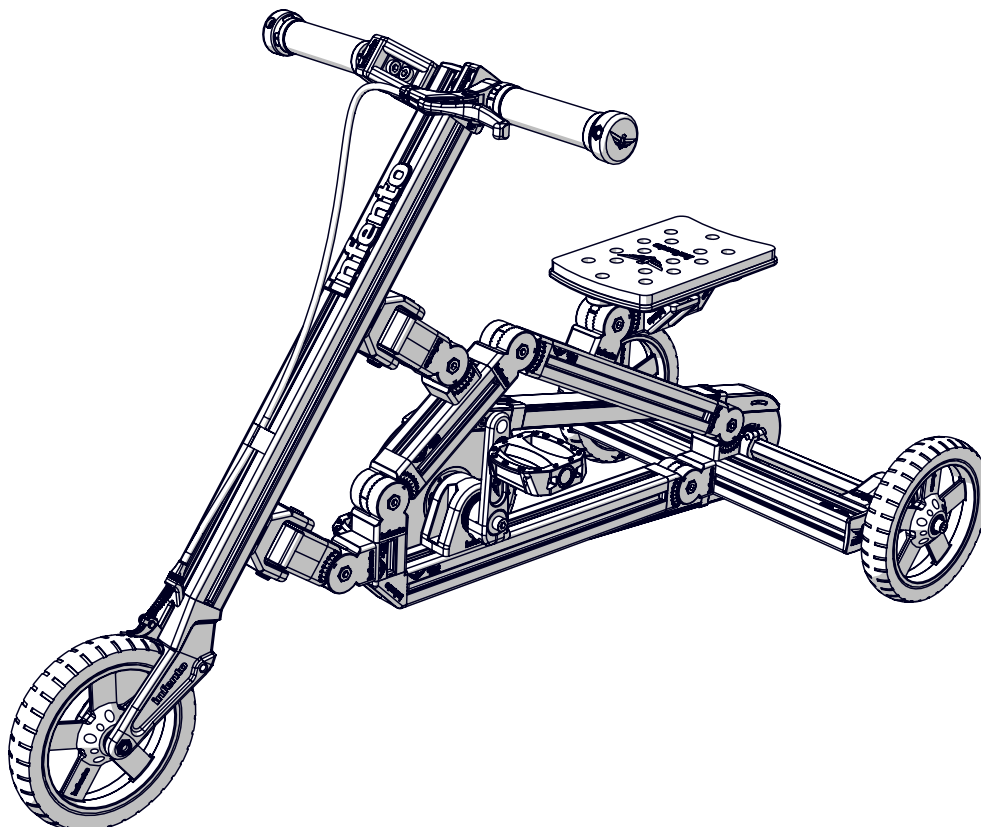
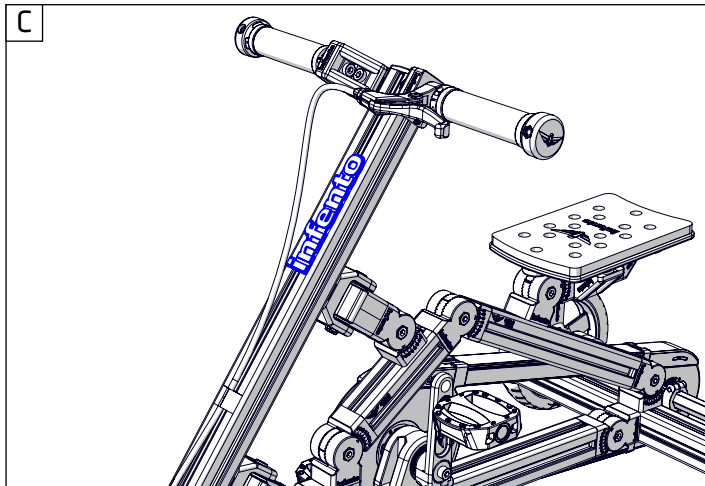
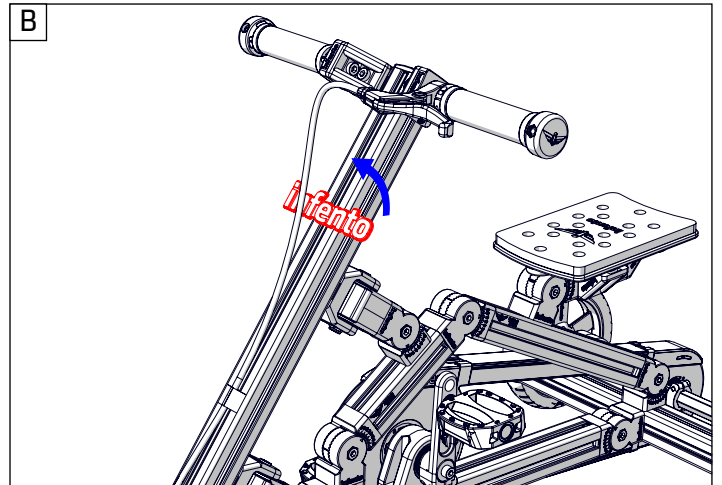
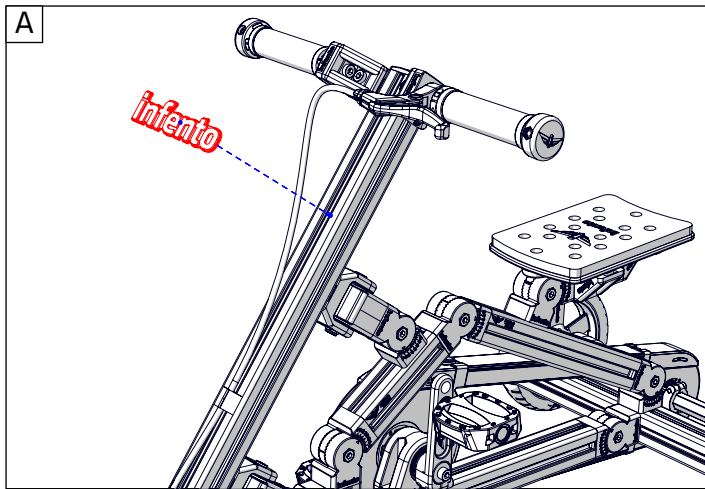




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# BOOSTER<sup>G2</sup>



THANK YOU FOR READING ME!