

*FENIX Classique 2*

**FENIX**

# *Classique 2*

Rev. 0.2

April 2021



# ***FENIX Classique 2***

“CLASSIQUE 2” is a high-competition, high-quality, 1/10-scale model car intended for persons aged 16 years and older with previous experience building and operating RC model racing cars. This is not a toy; it is a precision racing model. This model racing car is not intended for use by beginners, inexperienced customers, or inexperienced racers or by children without direct supervision of a responsible, knowledgeable adult. Before building and operating your “CLASSIQUE 2”, YOU MUST read through all of the operating instructions and instruction manual and fully understand them to get the maximum enjoyment and prevent unnecessary damage. Read carefully and fully understand the instructions before beginning assembly.

Contents of the box may differ from pictures. In line with our policy of continuous product development, the exact specifications of the kit may vary without prior notice.

Take appropriate safety precautions prior to operating this model. You are responsible for this model’s assembly and safe operation! Please read the instruction manual before building and operating this model and follow all safety precautions

## **IMPORTANT NOTES – GENERAL**

- This product is not suitable for children under 16 years of age without the direct supervision of a responsible and knowledgeable adult.
  - Carefully read all manufacturers warnings and cautions for any parts used in the construction and use of your model.
  - Assemble this kit only in places away from the reach of very small children.
  - First-time builders and users should seek advice from people who have building experience in order to assemble the model correctly and to allow the model to reach its performance potential.
  - Exercise care when using tools and sharp instruments.
  - Take care when building, as some parts may have sharp edges.
  - Keep small parts out of reach of small children. Children must not be allowed to put any parts in their mouth, or pull vinyl bag over their head.
  - Read and follow instructions supplied with paints and/or cement, if used (not included in kit).
  - Immediately after using your model, do NOT touch equipment on the model such as the motor and speed controller, because they generate high temperatures. You may seriously burn yourself seriously touching them.
  - Follow the operating instructions for the radio equipment at all times.
  - Do not put fingers or any objects inside rotating and moving parts, as this may cause damage or serious injury as your finger, hair, clothes, etc. may get caught.
  - Be sure that your operating frequency is clear before turning on or running your model, and never share the same frequency with somebody else at the same time. Ensure that others are aware of the operating frequency you are using and when you are using it.
  - Use a transmitter designed for ground use with RC cars. Make sure that no one else is using the same frequency as yours in your operating area. Using the same frequency at the same time, whether it is driving, flying or sailing, can cause loss of control of the RC model, resulting in a serious accident.
  - Always turn on your transmitter before you turn on the receiver in the car. Always turn off the receiver before turning your transmitter off.
  - Keep the wheels of the model off the ground when checking the operation of the radio equipment.
  - Disconnect the battery pack before storing your model.
  - When learning to operate your model, go to an area that has no obstacles that can damage your model if your model suffers a collision.
  - Remove any sand, mud, dirt, grass or water before putting your model away.
  - If the model behaves strangely, immediately stop the model, check and clear the problem.
  - To prevent any serious personal injury and/or damage to property, be responsible when operating all remote controlled models.
  - The model car is not intended for use on public places and roads or areas where its operation can conflict with or disrupt pedestrian or vehicular traffic.
  - Because the model car is controlled by radio, it is subject to radio interference from many sources that are beyond your control. Since radio interference can cause momentary loss of control, always allow a safety margin in all directions around the model in order to prevent collisions.
  - Do not use your model:
    - Near real cars, animals, or people that are unaware that an RC car is being driven.
    - In places where children and people gather
    - In residential districts and parks
    - In limited indoor spaces
    - In wet conditions
    - In the street
    - In areas where loud noises can disturb others, such as hospitals and residential areas.
    - At night or anytime your line of sight to the model may be obstructed or impaired in any way.
- To prevent any serious personal injury and/or damage to property, please be responsible when operating all remote controlled models.

Failure to follow these instructions will be considered as abuse and/or neglect.

We have made every effort to make these instructions as easy to understand as possible.

However, if you have any difficulties, problems, or questions, please do not hesitate to

contact the Fenix support team at [racing@fenixwaterjet.com](mailto:racing@fenixwaterjet.com) . Also, please visit our Web site

at [www.Fenix-racing.com](http://www.Fenix-racing.com) or [www.fenixracingshop.com](http://www.fenixracingshop.com) or <https://www.facebook.com/FenixRacing.it/>

the latest updates, set-up information, option parts, and many other goodies. We pride ourselves on taking excellent care of our customers.

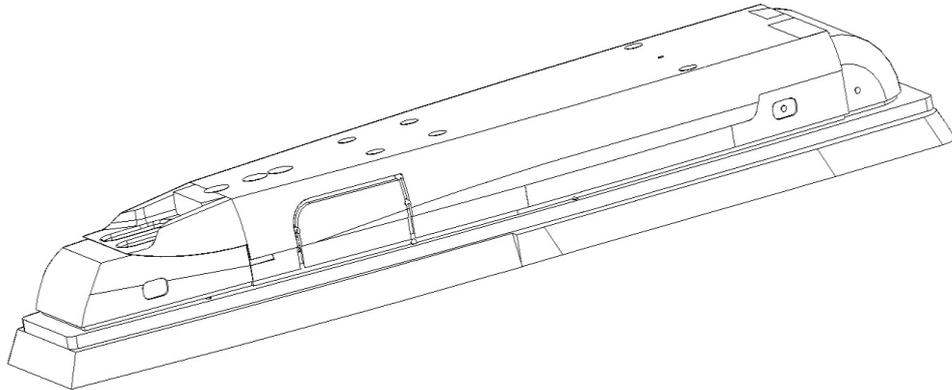
# FENIX Classique 2

**Please note.** *Classique 2 is not the usual rc model car, the assembly procedure, although very simple, is a little unusual, as the body is "part" of the car.*

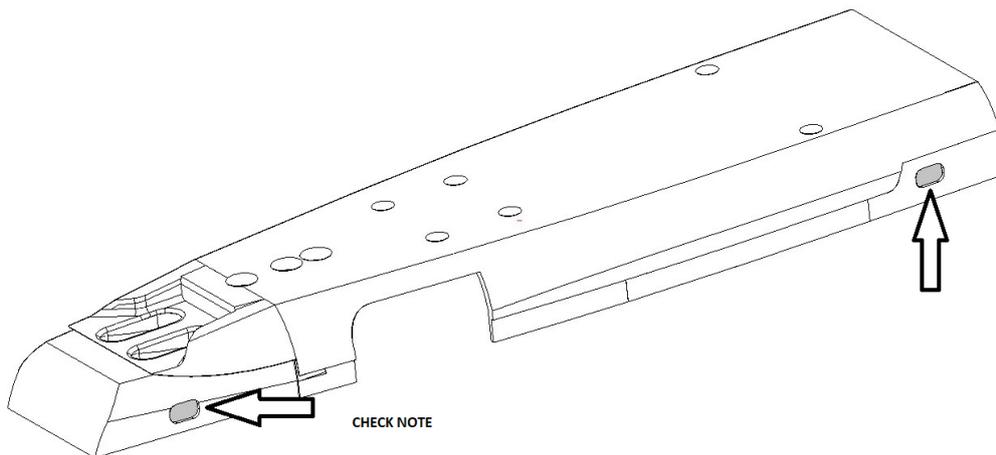
**---- So, please, read the manual before start ----**

## Lower body preparation

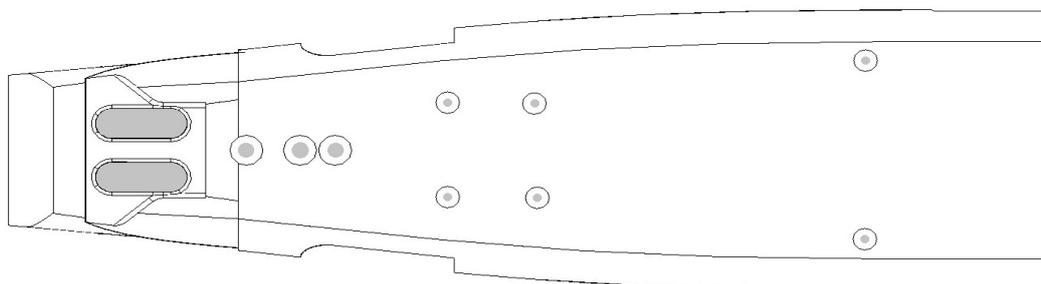
Let's start with lower part of the body



Cut as shown –  
Open the grey holes

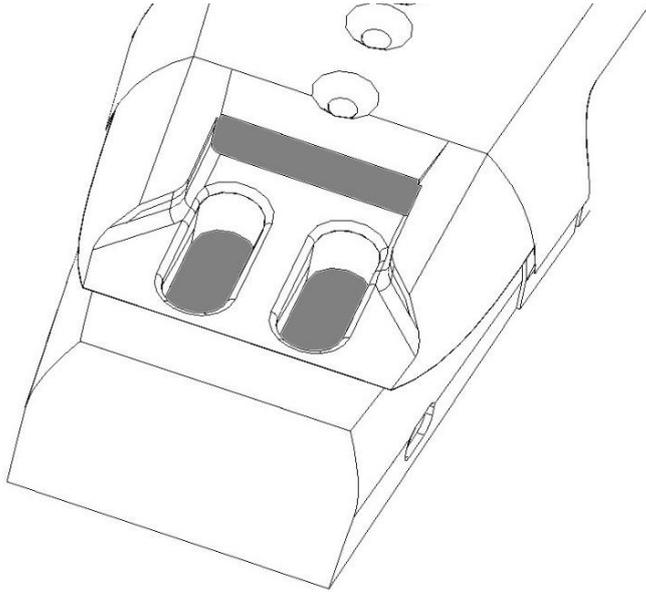


**Note:**  
The front hole is not always necessary. It was used on the first version of Classique Body.



Drill the grey holes -  
Open the grey area  
According the body you're using, there might just 4 holes to be opened.

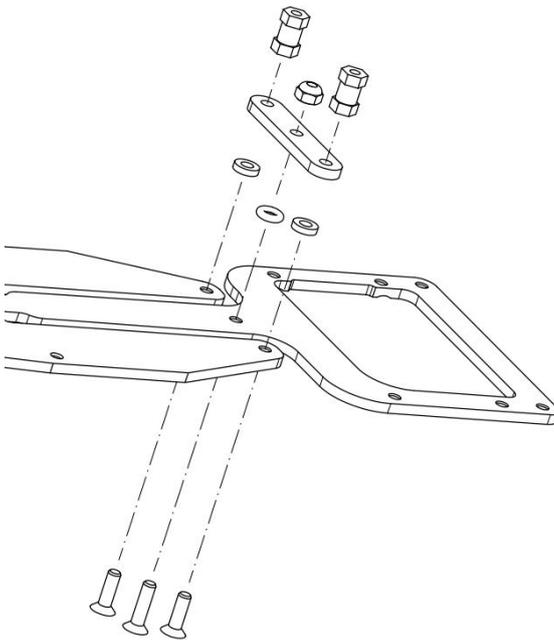
# *FENIX Classique 2*



Open the grey rectangle.

You might want to paint the lower body in this moment.

## Main chassis Bag A



Start with the HW026 M3x12 countersunk and insert it in the central hole of the "T-bar", slide the o-ring over it.

Insert the 2 HW004 M3x10 countersunk in the side holes.

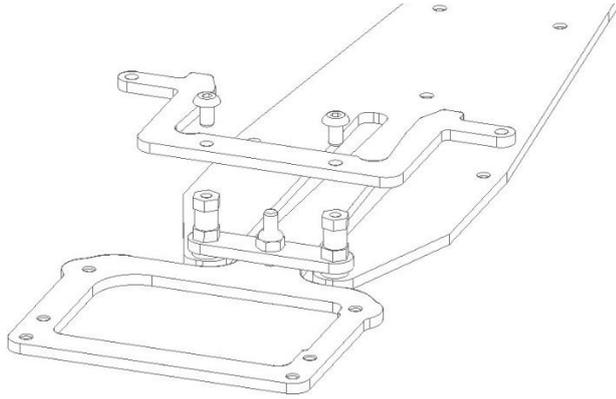
Slide the 2 FX0063 1.5mm shims over.

Insert the F2-3 plate over.

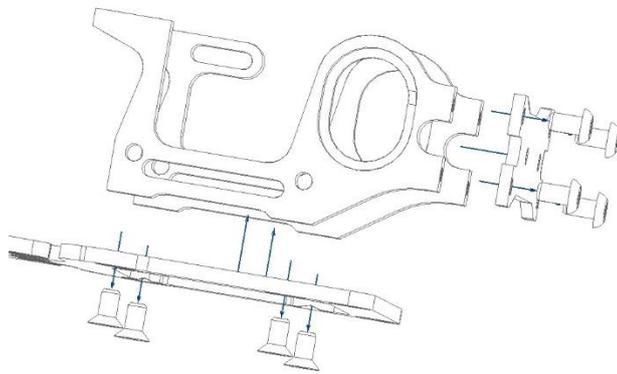
Tight the M3 Nylock over the central HW026 and the 2 x FX1045 over the HW004.

Rear suspension responsiveness can be tuned by tighten the HW026.

# FENIX *Classique 2*

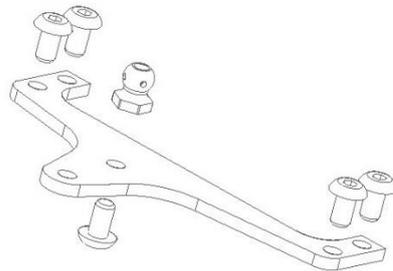


Fix the C2-6 using 2 x HW008 M3 x 6 button screw



Assembly the motor holders to the chassis using 4 x HW012 M3x6 countersunk.

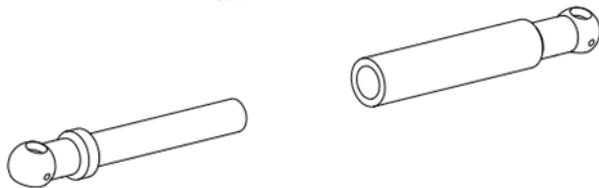
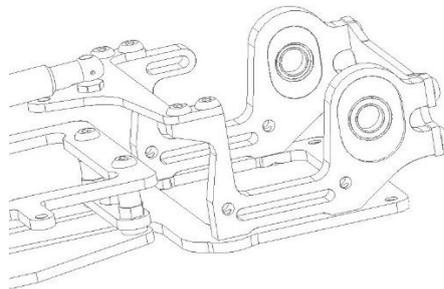
Fix the F2-5 wing holder to the holders using 4 x HW008 M3x6 button.



Using the HW008 M3x6 button screw, fix the FX-FU48 male stud to the F2-4 shock holder.

Use 4 x HW008 to fix the F2-4 to the motor bulkhead.

Install the ride height adjuster and the rear bearings.



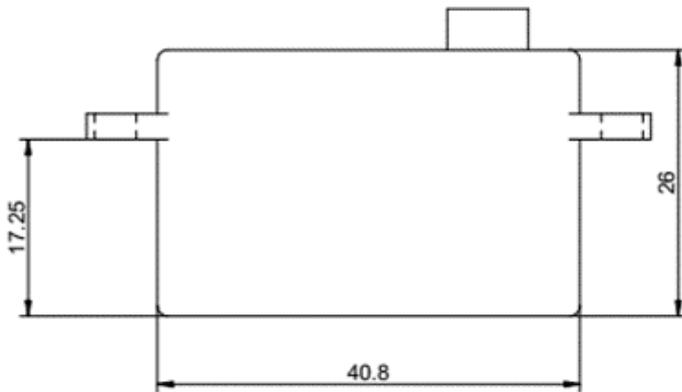
50K – 100K are the most suited

Note: syrup not included

Remove the plastic burr from the piston. Put some silicone syrup over the piston and assembly the damper.

Keep it for later installation.

## Bag B



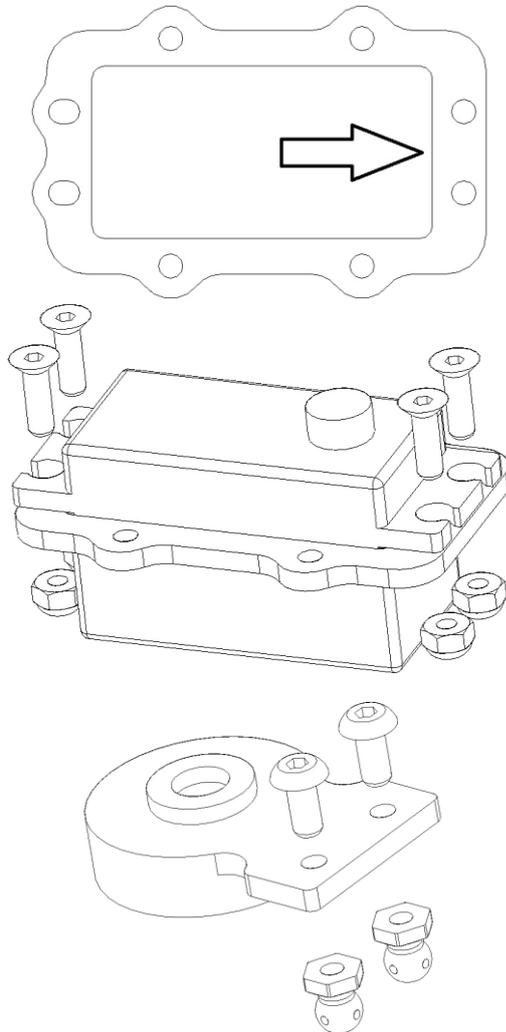
Servo is not included, A super low profile servo is required.

**Note:** the dimension of the servo suggested

**Note2:** there are 4 x 1mm and 4 x 2mm shims to raise the F2-6, if needed.

Take the F2-6 servo holder.

Note: the flat area goes to the front of the model



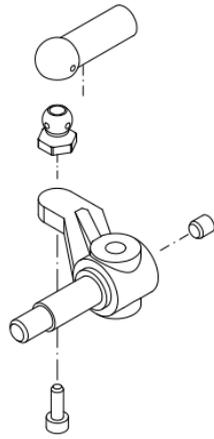
Insert the super low profile servo in the servo holder.

Fix it with using 4 x HW033 screws and 4 HW002 self-locking M3 nut

Insert 2 x HW003 into the servo saver and screw 2 x FUFX48.

Insert the servo saver over the servo and fix it using the proper screw provided in the servo box.

# FENIX Classique 2



Open Bag B

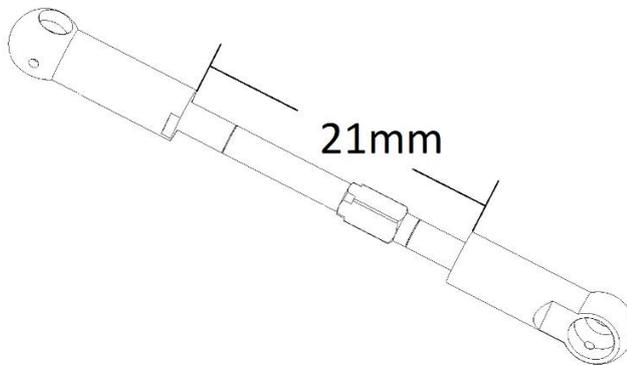
Steering hubs.

Use 1 x HW0014 M2x 6 screw to fix the 19804495 uniball.

Use the Grey ball joint 53601 over the 19804495 uniball.

Grub screw M3x3 can be used to better secure the steering over the kingpin.

Provided plastic shims can be used to set the front ride height.

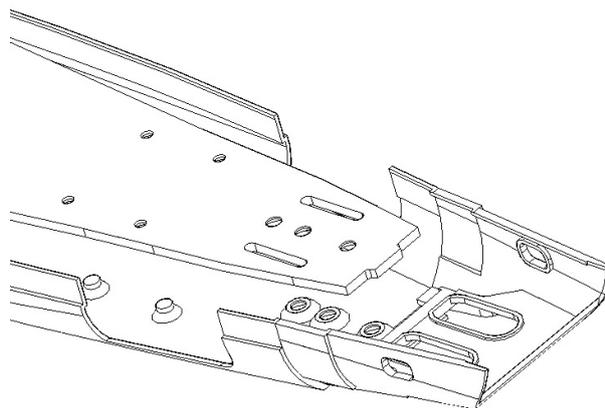


Assembly 2 steering turnbuckles.

Toe final adjustment will be done later

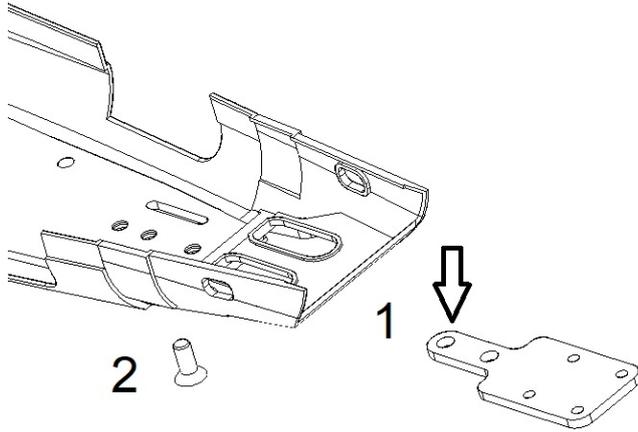
**Note:** the other parts in this bag will be used in the next assembly step

## Bag C + Bag E

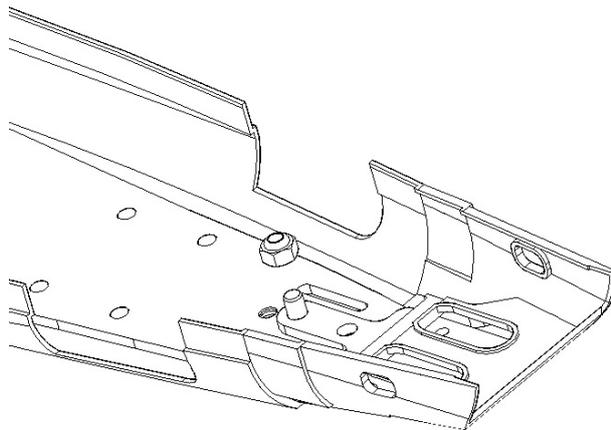


Take the main chassis and the lower body, align the holes.

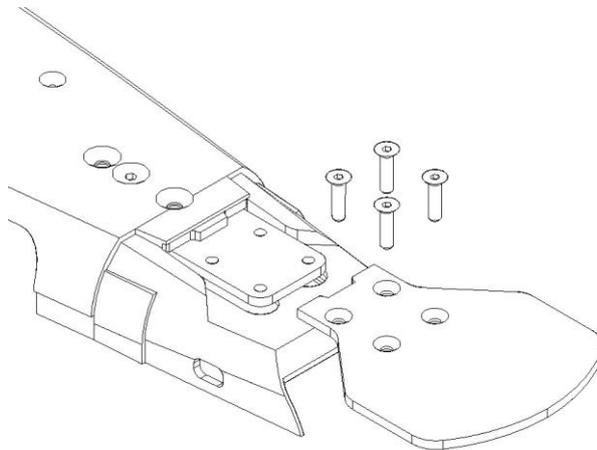
# ***FENIX Classique 2***



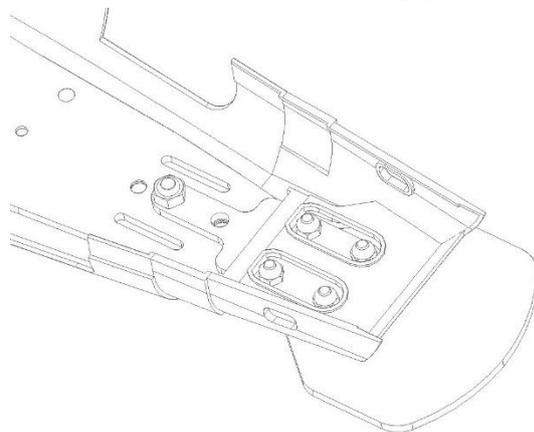
Slide the bumper holder into the body opening – Then insert the M4 x 10 screw



Tight the M4 self-locking nut – Note: Almost full, the M4 screw should be able to rotate a little

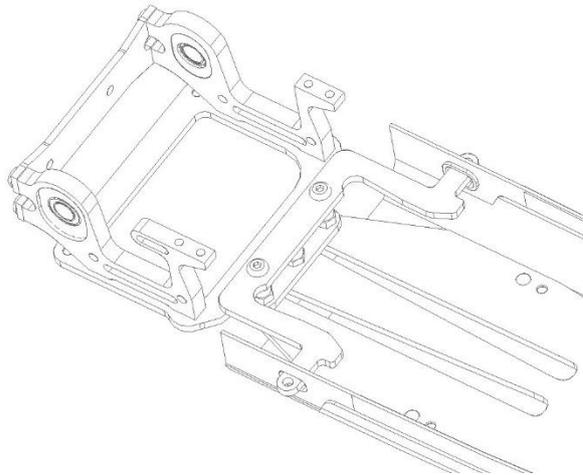


Assembly the bumper with the 4 M3 x 10mm countersunk screws



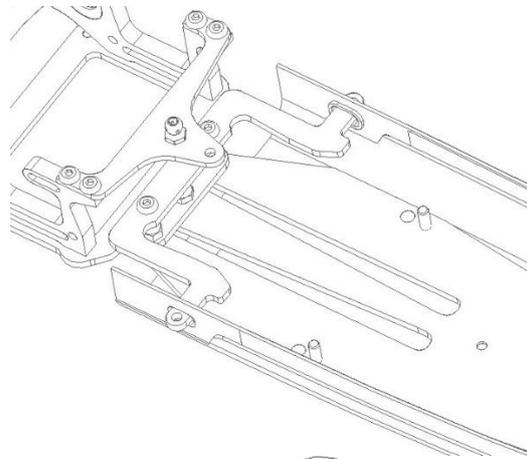
Tight the 4 M3 self-locking nuts.

# FENIX Classique 2



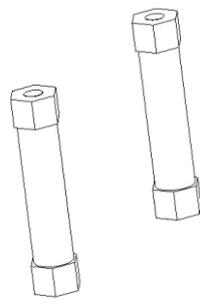
Slide the C2-6 rear battery holder into the body holes and fix it using 2 x HW012.

**Note:** some parts from previous assembly are omitted for sake of clarity.

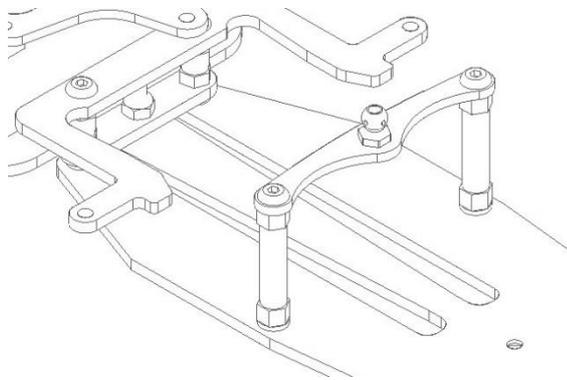


Now open the **bag E:**

Slide 2 x HW004 M3x10 hex countersunk screw through the holes in the body and in the chassis



Fix the FX0054 26mm post.

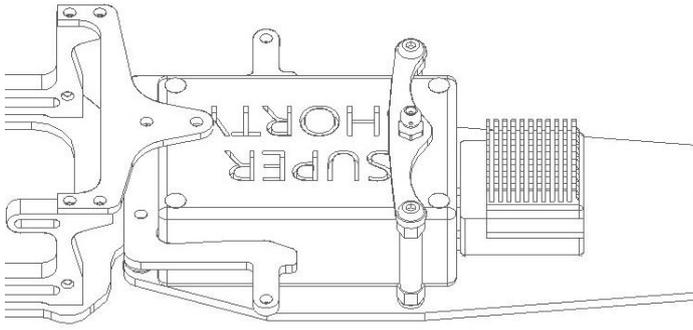


**Note the position:**  
When use the super shorty lipo, take care that the + and – probes are not touching the carbon fibre

Using 1 x HW0012 fix the FUFX48 at the C2-5 central shock holder.

Use 2 HW008 M3 x 8 button screw to fix this group to the FX0054

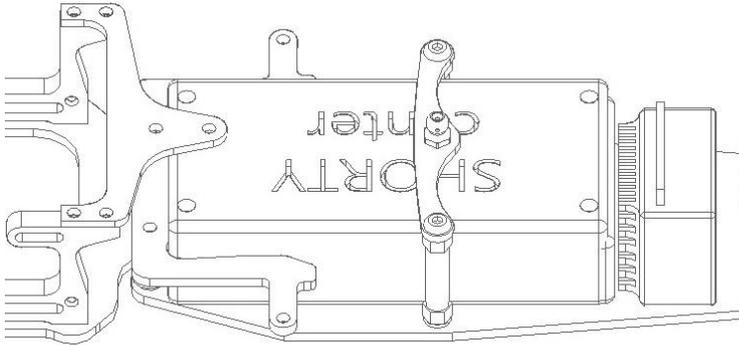
# FENIX Classique 2



Super shorty

Battery installation.

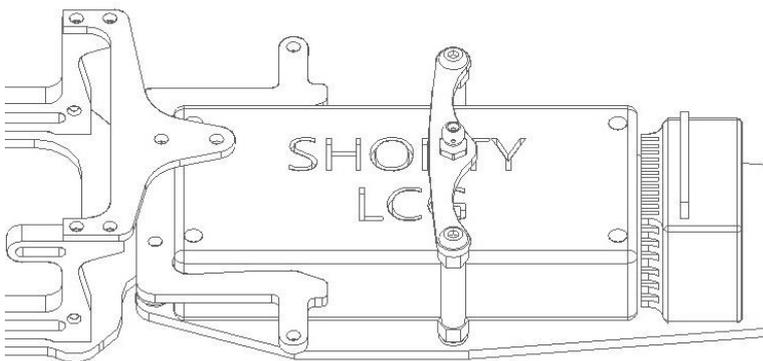
Classique 2 can run with several different lipo.



Standard shorty

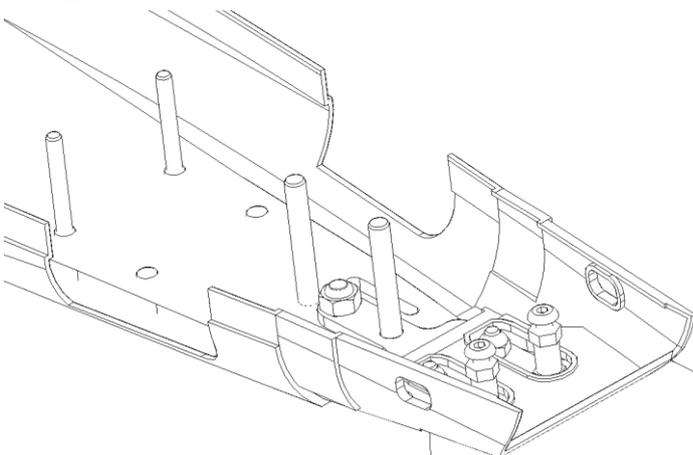
Use the esc to hold the lipo in place.

**Note:** battery or ESC are not included



LCG shorty

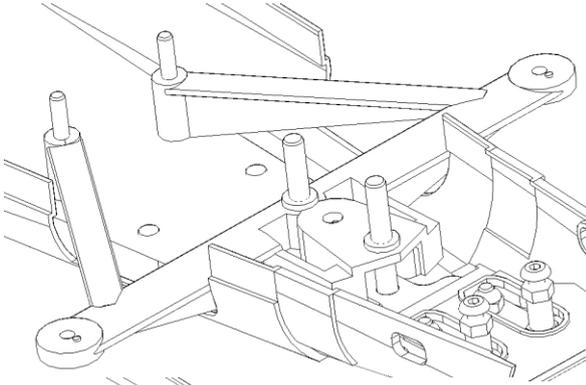
**Note:**  
When you use LCG batteries, you've to use the included 20mm posts. A 5mm post with a 10mm screw has to be installed between the FUFX46 and C2-5



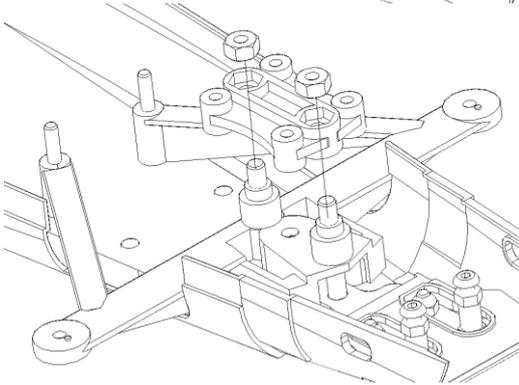
Slide the 2 x HW021 M4 x 35 and the 2 x HW024 M3 x 25 through the lower body and the chassis.

# *FENIX Classique 2*

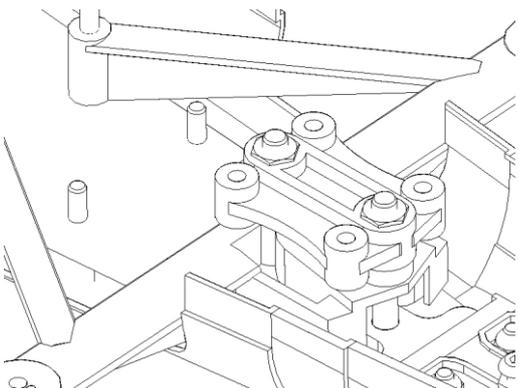
Insert the 51381 lower arms over the screws.



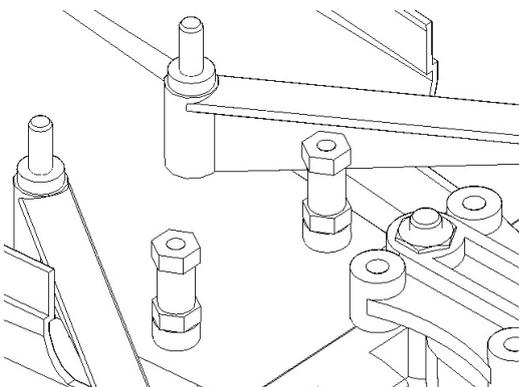
Slide the 51381 spacer and the central element 51831 over the HW021 screws.



Insert the 2 x HW028 M4 nut into the hex recess and tight the M4 screws.



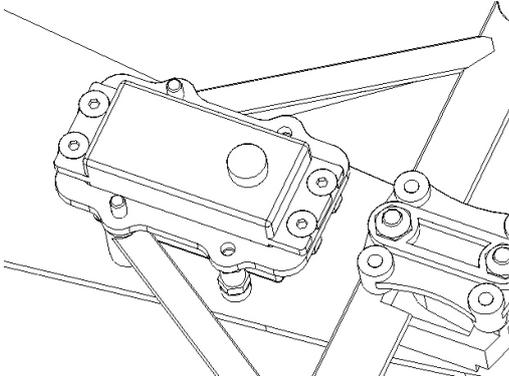
Slide the 2 x HW026 M3 x 12mm through the lower body and the chassis.



Fix 2 x FX0087 over the HW026 screws and slide 2 x FX02009 2mm alu shims over the HW024.

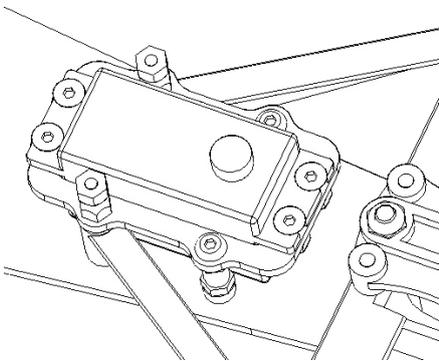
# *FENIX Classique 2*

## Step D

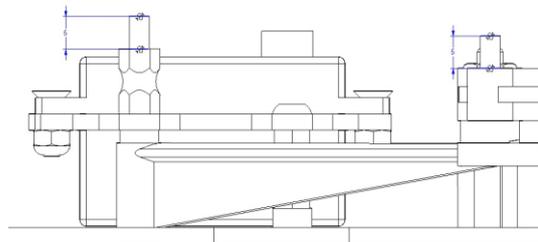
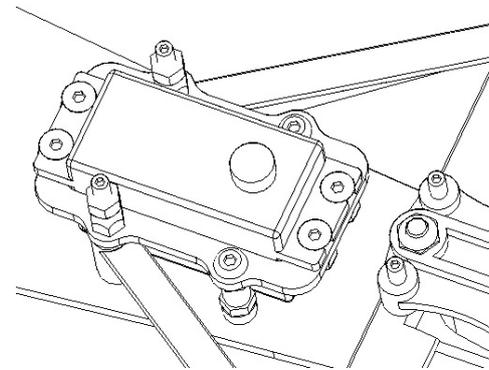


Slide the servo group over the 2 x HW024

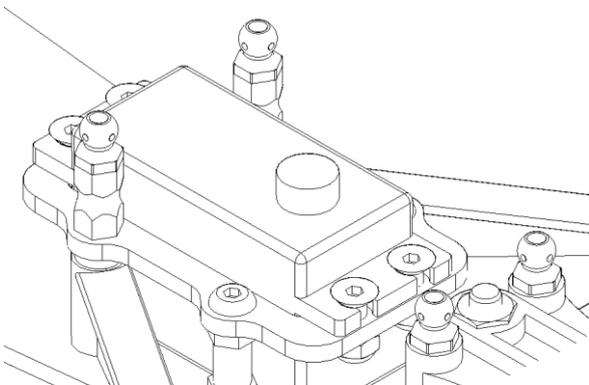
Note: servo saver is omitted for clarity



Secure the group using 2 x HW003 and 2 x FX1045 10mm alu post.

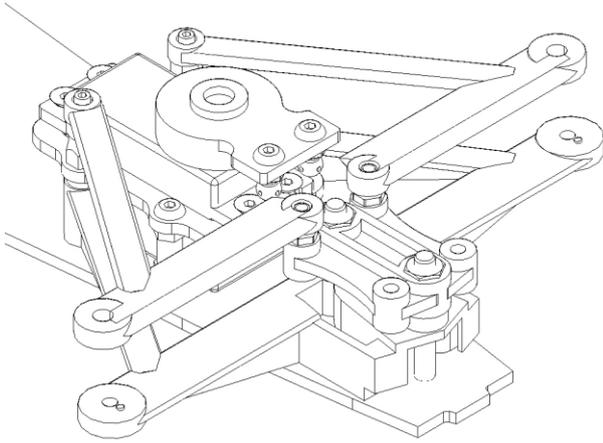


Insert 4 x HW032 M3 x 10 grub screw as shown. Leave them protrude for 5mm

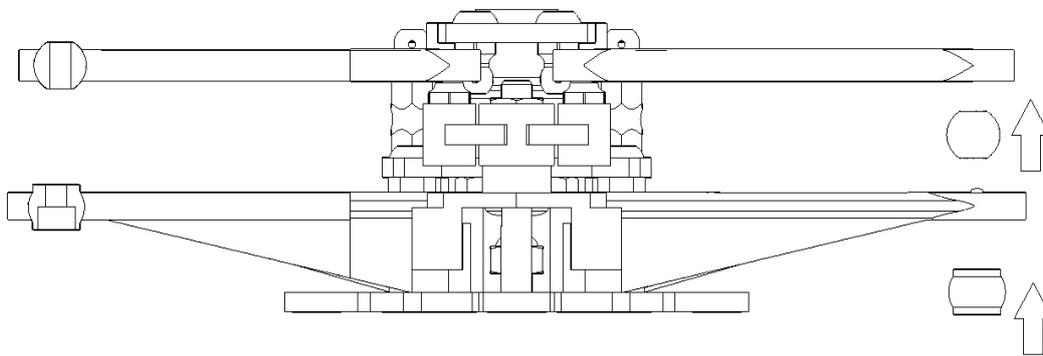


Fix and tight 4 x FUFX48 over the protruding part of the HW032

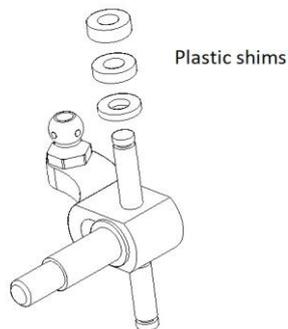
# FENIX Classique 2



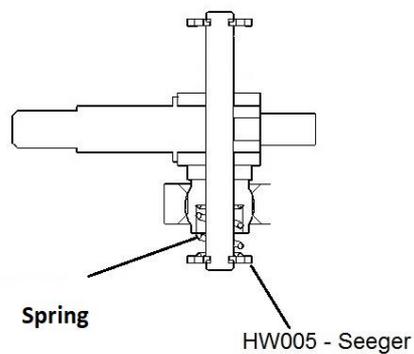
Insert the upper arms into the FUFX48—  
Note: you might need to use some effort.



Insert, as shown, the plastic spheres in the arms.



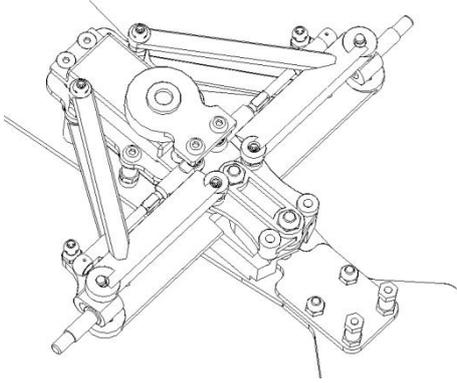
Put the plastic shims on the upper area  
Make 2 set mirror like



Insert the front spring, as show.

Secure the kingpin in position using the 2 x HW005 Seeger

# *FENIX Classique 2*



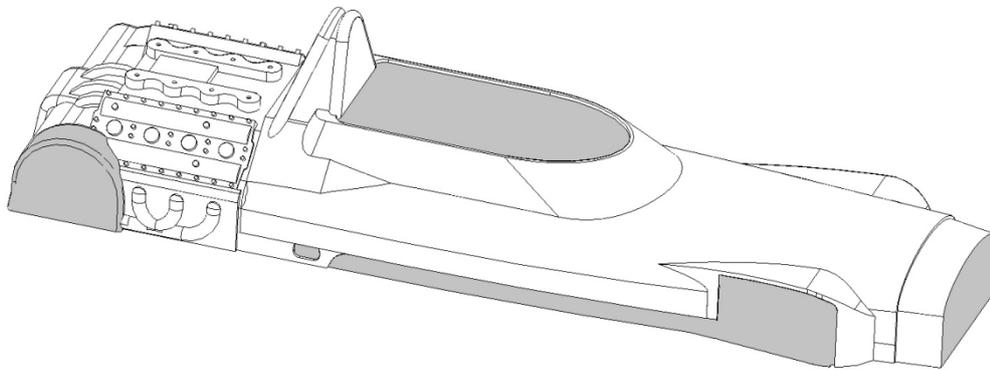
Install the assembled rods over the FUFX48. You can set the required toe after the proper radio settings.

## Assembly Notes

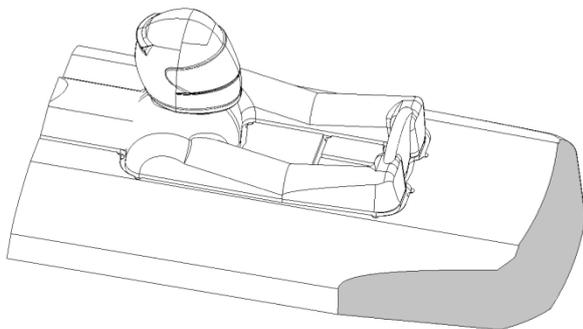
### *Differential:*

Please refer to proper manual for Fenix Sphere diff or Gear diff, according your version of Classique

The following are the instruction for the Generic Fenix 60 body. All the bodies for Classique are following roughly the same installation path. Classic Team Lotus 49 is different due the longer nosecone. Please refer to the specific CTL 49 instructions.

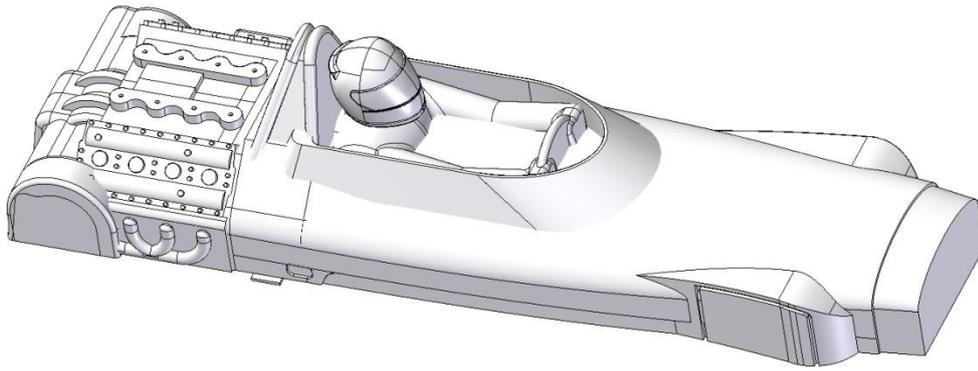


Cut the upper part of the body as shown and open the grey hole. Take care that the grey hole will be used to fix the body to the model

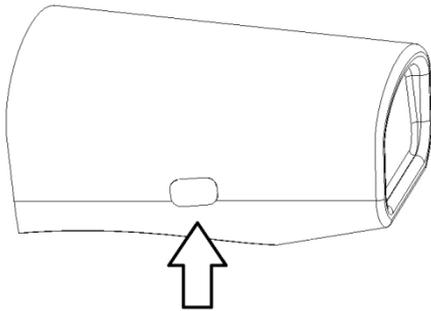


Paint and fix the driver hear to the driver body and cut the grey area.

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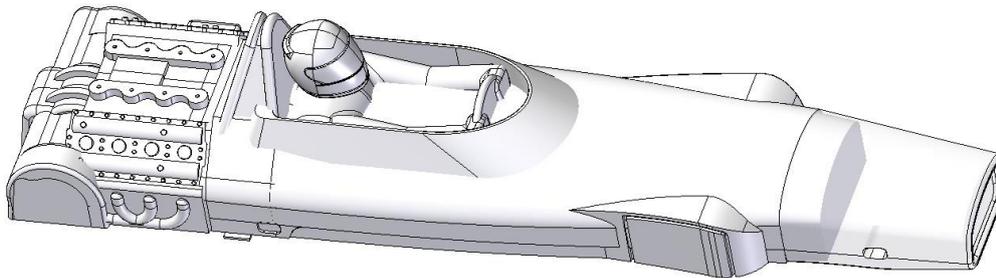


Glue the driver body to the upper body part.



Cut the nosecone as show – **WAIT** before open the fixing hole.

There are 3 options for fix the body – you might want to choose the proper one.



## Fixing way 1 –

Using some double side tape you can fix the nosecone to the upper body.

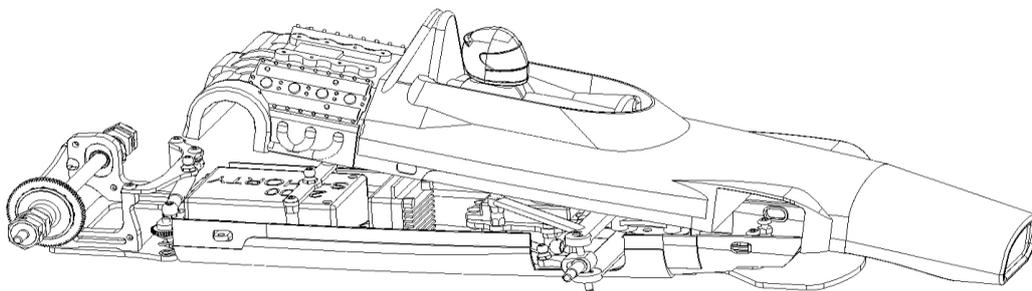
Alternatively, you can fix it, always to the upper body using the provided nylon screws.

For this way, there is no need to open the fixing hole.

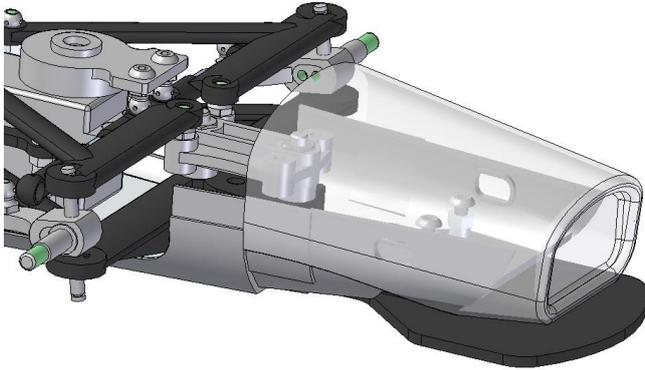
## When using #1

Slide the nosecone over the lower and rotate it.

Slide over the fixing points and secure it using 2 fixing clips



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## Fixing way 2 –

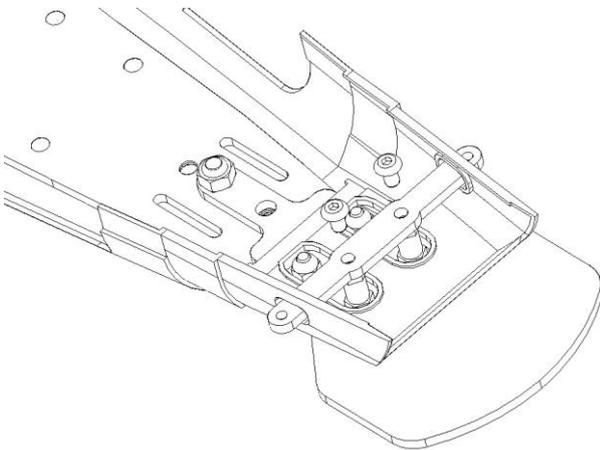
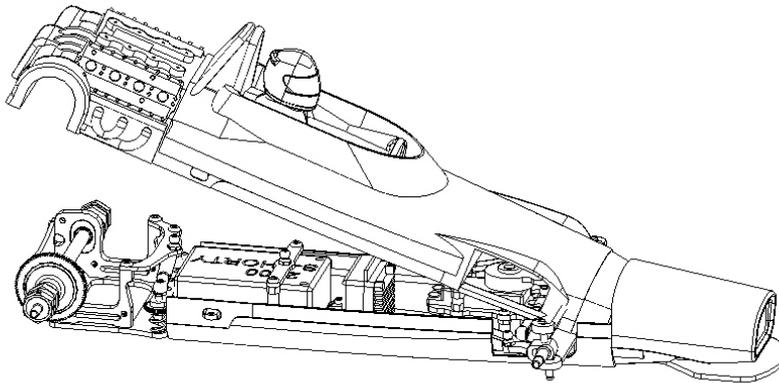
Using some double side tape you can fix the nosecone to the lower body.

Alternatively, you can fix it, always to the lower body using the provided nylon screws.

For this way, there is no need to open the fixing hole.

When using #2 insert the upper body into the nosecone and rotate it.

Slide over the fixing points and secure it using 2 fixing clips



## Fixing way 3 –

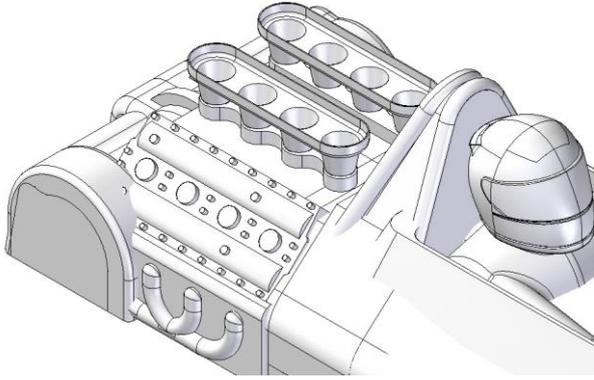
Fix the provided HS10 front body holder to the FX1045 using 2 x HW003.

This solution is more “safe” when racing.

You can now choose either fixing way as before, but the fixing holes in the nosecone need to be opened.

## ***FENIX Classique 2***

Glue the inlet  
stacks to the  
motor



***Have Fun !!!***