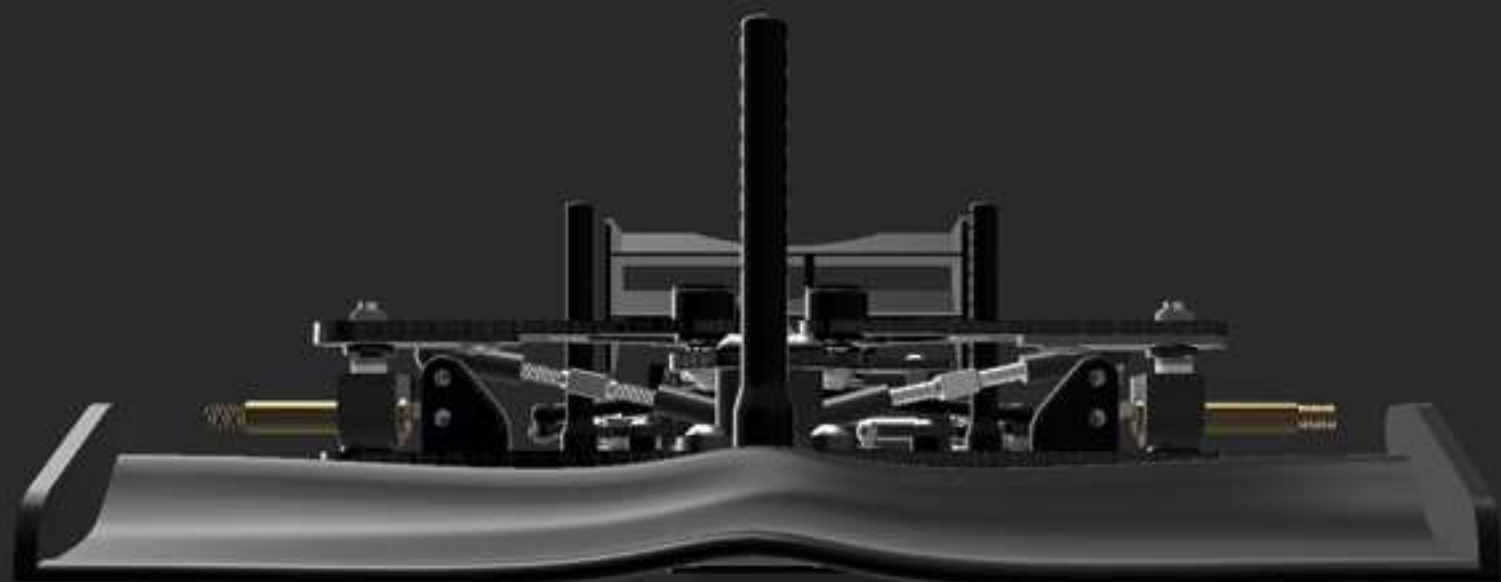


FUTURA

MB Engineering



DISCLAIMER AND LIMITATION OF LIABILITY This product is a high-performance competition radio-controlled model intended exclusively for experienced users and hobby enthusiasts. Improper assembly, incorrect installation, negligent maintenance, misuse, modification, or operation of this product may result in serious personal injury, property damage, loss of control, or other damages. By purchasing, assembling, or operating this product, the user acknowledges and agrees that the manufacturer, its distributors, dealers, employees, and affiliates have no control over the assembly, installation, maintenance, or use of the product once it has been sold. Therefore, all responsibility and risk associated with the use of this product are assumed entirely by the user. The manufacturer expressly disclaims any and all liability for direct, indirect, incidental, consequential, special, or punitive damages, including but not limited to personal injury, death, damage to property, loss of income, loss of use, loss of competition results, or any other losses arising from:

- Improper assembly or installation;
- Incorrect setup or maintenance;
- Use of incompatible parts or accessories;
- Modification or alteration of any component;
- Failure to follow the instructions and recommendations contained in this manual;
- Operation in an unsafe, negligent, reckless, or unintended manner;
- Use by minors without proper supervision;
- Any use contrary to local laws, regulations, or safety requirements.

This product is sold "AS IS" and without any guarantee that it is suitable for any specific application, competition, or purpose beyond those expressly stated by the manufacturer. The user is solely responsible for ensuring that the product is assembled, maintained, and operated safely and in accordance with all applicable laws and regulations. The user further agrees to indemnify and hold harmless the manufacturer, distributors, and dealers from and against any and all claims, liabilities, damages, losses, costs, and expenses, including legal fees, arising from the use or misuse of this product. By assembling, operating, or using this product, the user confirms that they have read, understood, and accepted all terms, warnings, and limitations of liability contained herein. If the user does not agree with these terms, the product must not be assembled or operated.



WARNING: This is not a toy. This product is intended for use by experienced RC hobbyists only. Improper use may result in serious injury or property damage. Use entirely at your own risk.





Optional parts

Center Weight
Code F-F1-1058

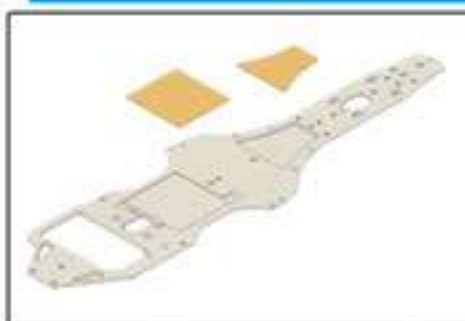
Front Weight
Code F-F1-1059

Chassis
Code F-F1-1001

Countersunk Head M3x25 x1
Code F-F1-1053



Nut M3 x1
Code F-F1-1060



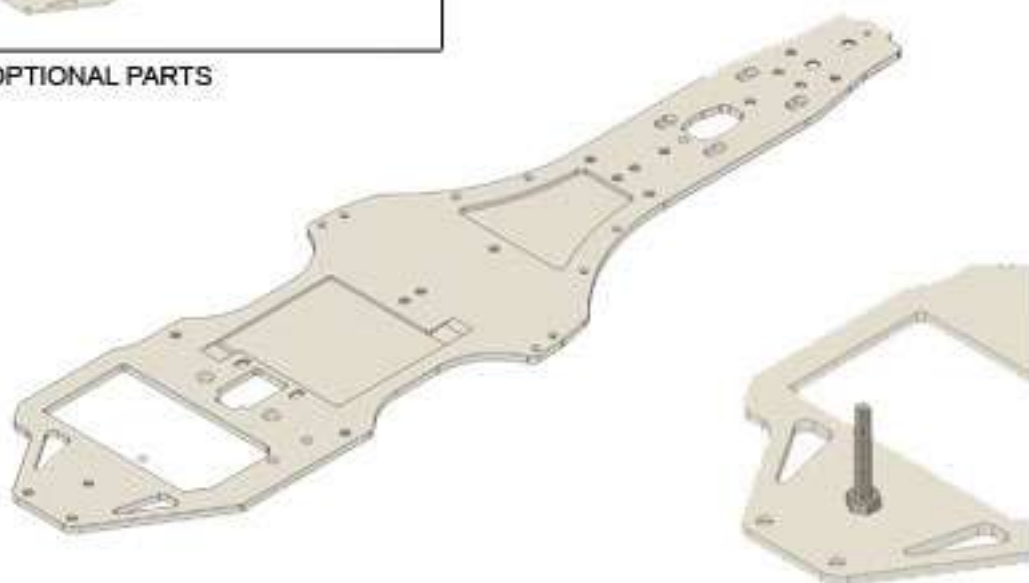
OPTIONAL PARTS



MB Engineering

IMPORTANT

It is recommended to use cyanoacrylate glue along the edges of the chassis



F1 Carbon fiber chassis

FUTURA BAG 1



1

Lower Arms DX/SX
Code F-F1-1004



Lower Arms

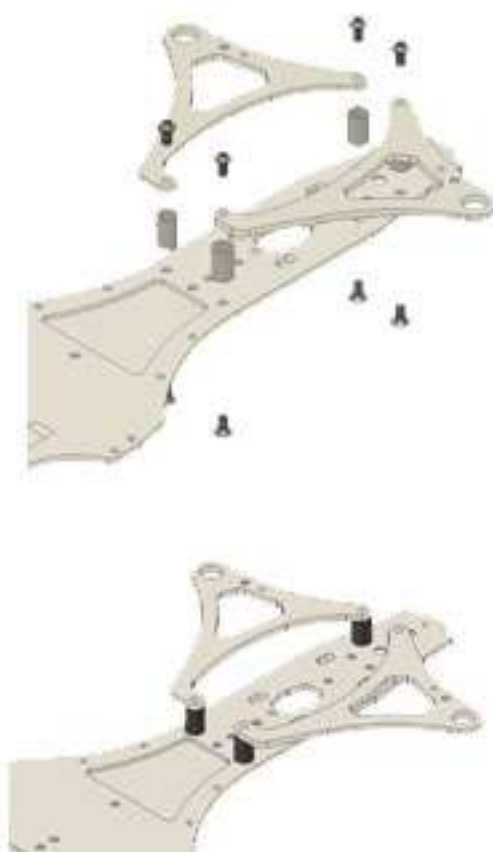
Columns M3x10 x4
Code F-F1-1035



Button screw M3x6 x4
Code F-F1-1054



Countersunk Head M3x6 4x
Code F-F1-1051



Composite
arm bushing x2
Code F-F1-1081



Short composite Ball x2
Code F-F1-1082



O-Ring x2
Code F-F1-1063



Hex screw M3x8 x2
Code F-F1-1064



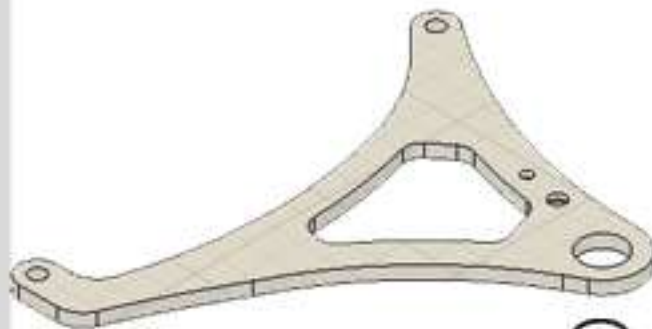
Backstop
Code F-F1-1065



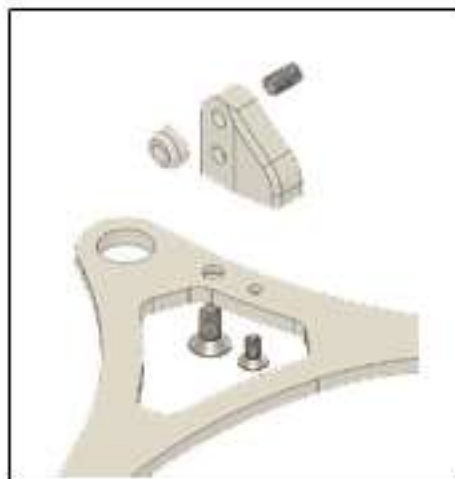
Countersunk Head M2x6 x2
Code F-F1-1056



Countersunk Head M3x8 x1
Code F-F1-1055



Composite steering block
LEFT



Composite steering block
RIGHT



FUTURA BAG 1



2



Standard caster plate 7°
Code: F-F1-1031



Optional caster plate 9°- 11°
Code 9° Code F-F1-1066
Code 11° Code F-F1-1067

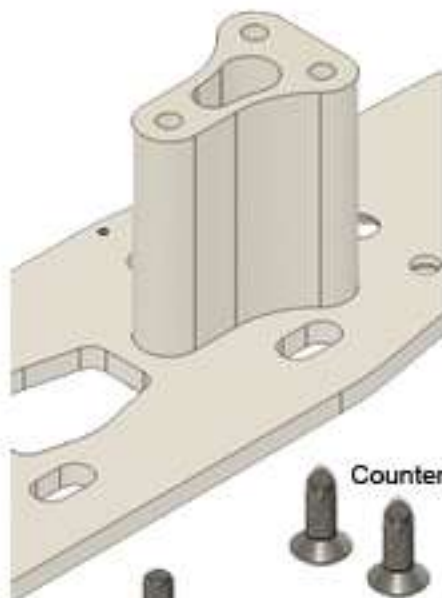
Button screw M3x8 x3
Code F-F1-1102



Countersunk Head M3x10 x2
Code F-F1-1052



Countersunk Head M3x12 x1
Code F-F1-1055



Countersunk Head M3x12

Countersunk Head M3x10



These plate adjust the front CASTER
MORE CASTER ANGLE better corner speed, increased traction rolling. Use on large, open
track where cornering speeds is needed. BIG TRACK
LESS CASTER ANGLE USE in technical track, more reactive steering.



M2 snap lock bushing (4pz)
Code F-F1-1037



Button screw M2x6 x4
Code F-F1-1083



Composite support
steering block Sx
Code F-F1-1012



Composite support
steering block Dx
Code F-F1-1013



Composite support
steering block Sx and Dx
OPTIONAL PARTS
0,5°-1,5°-2°

FRON CARBON SUSPENSION ARM



FUTURA

BAG 2



3

Composite
arm bushing x2
Code F-F1-1081



Short composite Ball x2
Code F-F1-1082



O-Ring x2
Code F-F1-1083



Lateral view



Front arm spacer 2,5 mm x4
Code F-F1-1088



Sus ball holder x4
Code F-F1-1089



Seiger 4 mm x4
Code F-F1-1050



Sus ball x4
Code F1-F-1057



Button screw M3x6 X4
Code F-F1-1054



CARBON SUSPENSION ARM LEFT/RIGHT



FINALLY ASSEMBLY



FUTURA BAG 2



4

Countersunk Head M2x6 X2
Code F-F1-1083



Steering Block



Assembled view Left

Grub M3x3



Assembled view Right

Spacer 2,0 mm x2
Code F-F1-1071

Spacer 1,0 mm x3
Code F-F1-1072

E-Ring 2 mm x2
Code F-F1-1073

Front coil spring x2
Code F-F1-1074



OPTIONALS PARTS
Front Spring - SOFT
Code F-F1-1075
Front Spring - MEDIUM
Code F-F1-1076
Front Spring - HARD
Code F-F1-1077



ATTENTION
use the shims always keeping
in mind the type of rubber used.



King Pin



Details view



DAMPING

oil in the King pin makes the car less
responsive but easy to drive.

LOW GRIP/BUMPY TRACK: 10K-12K oil
HIGHT TRACTION/FLAT TRACK: 25K-30K oil

SOFT SPRING

Make the car easier to drive in
bumps conditions and increases
steering (middle of a corner)

HARDER SPRINGS

More responsive car, increases initial
steering, better in hight-traction track.

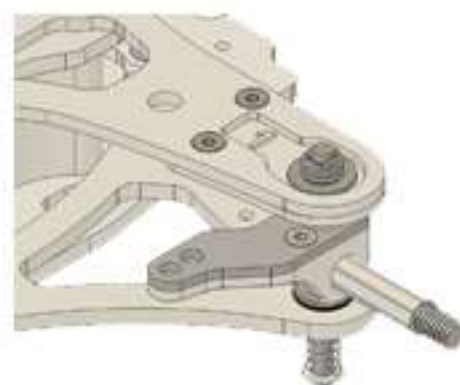
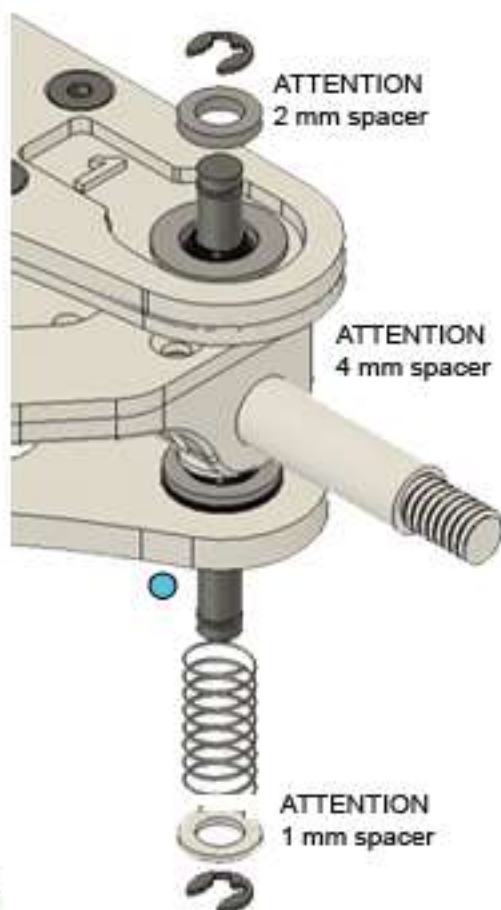
FUTURA BAG 2



5



ATTENTION you can use
0,5 mm spacer in
this point 
to stabilize the spring



Assembled front car view

M3 snap lock bushing x2
Code F-F1-1105



Ball end 13 mm x2
Code F-F1-1049



Nut M3 (4 pz)
Code F-F1-1080



Thread insert M3 x2
Code F-F1-1038



Ball-Bearing 5x8x2,5 mm x3
Code F-F1-1078



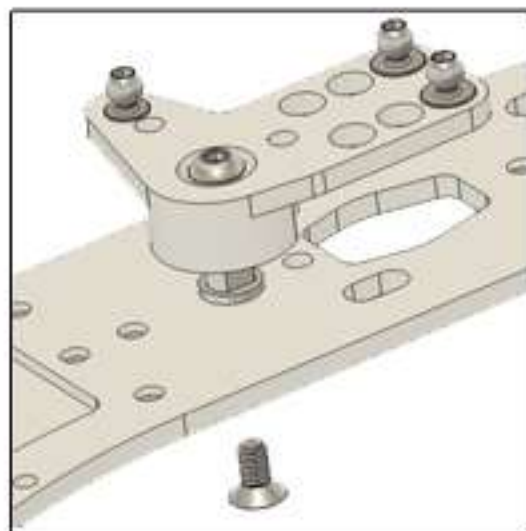
Bell Crank Post
Code F-F1-1079



MB Engineering



THIS ITEM IS
FACTORY PRE-ASSEMBLED



FUTURA BAG 3



6

Ball cup x4
Code F-F1-1045



39 mm Turnbuckle x1
Code F-F1-1028



Nut M3 x2
Code F-F1-1080



Ball end 13 mm x2
Code F-F1-1045



39 mm Turnbuckle for servo
Code F-F1-1028



Turnbuckle M3 L/R 30 mm 7075
Code F-F1-1108

Steering view



Assembly as shown in
FIGURE 1 with very inclined links
Assembly as shown in
FIGURE 2 with straight links (RECOMMENDED)



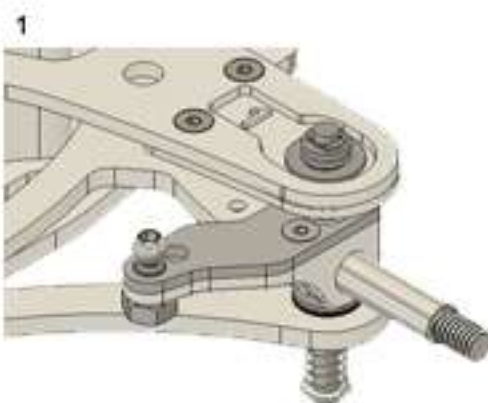
QUICK TIPS



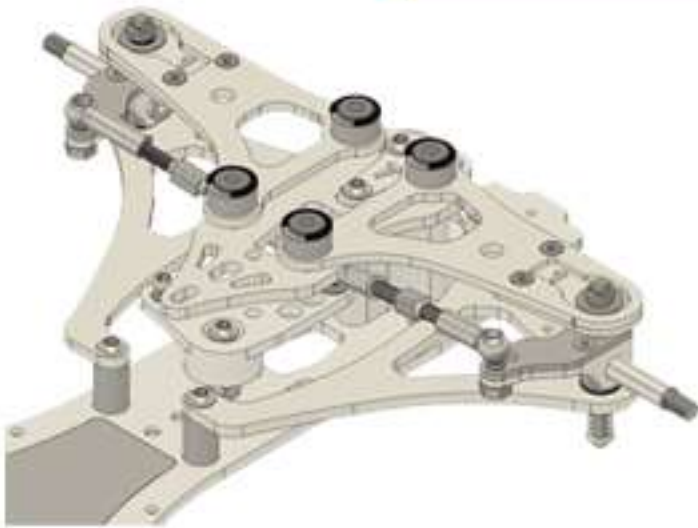
Akerman Position
there are 2 different Akerman
position

1 INITIAL SETTING easiest
to drive

2 Improved steering response



Final front assembly view



RERWARD position: more Ackerman makes the car easier to drive, improves cornering speed
FORWARDS position : less ackermann, makes the car more responsive, improve in-corner steering

FUTURA BAG 3



7

Front Brace x1
Code F-F1-1014



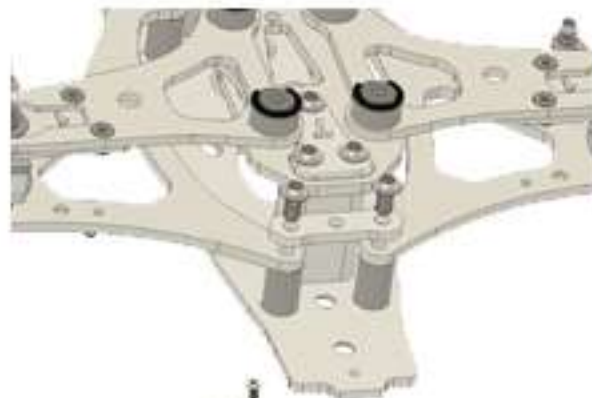
Column 25 mm x2
Code F-F1-1036



Button screw M3x6 x3
Code F-F1-1054



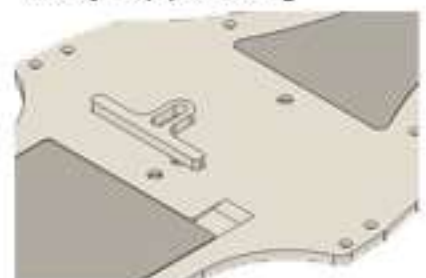
Countersunk Head M3x6 x2
Code F-F1-1051



Front Brace USE improve in-corner steering, keep the car more easy to drive
Recommended for medium- high condition of the track

Front Brace USE improve in-corner steering, keep the car more easy to drive
Recommended for medium- high condition of the track

Battery stop positioning



Two different types of Battery Stops. Short and long versions depending on the type of batteries used.

MB Engineering

Composite Servo mount x2
Code F-F1-F1081



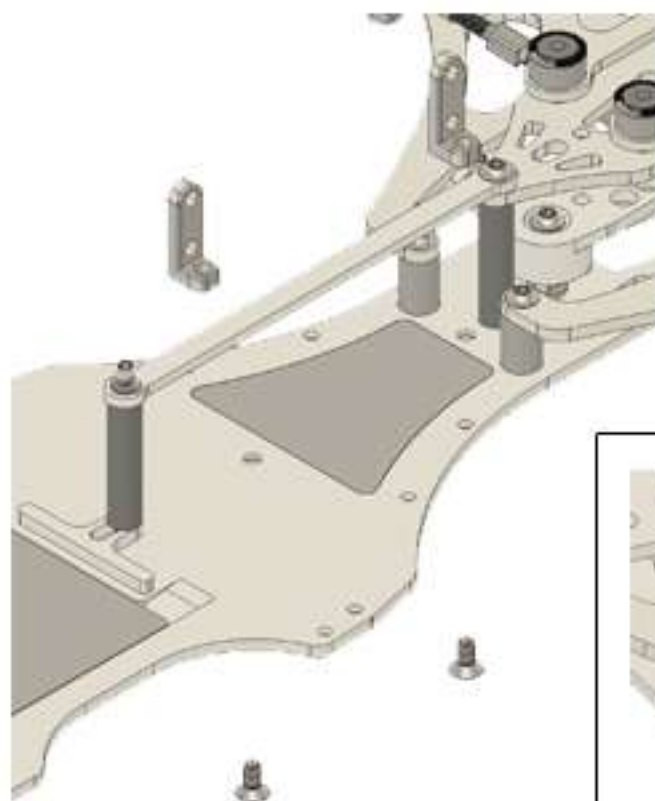
Composite battery stop
Code F-F1-F1040



Ball end 13 mm x1
Code F-F1-1049



STEERING ARM



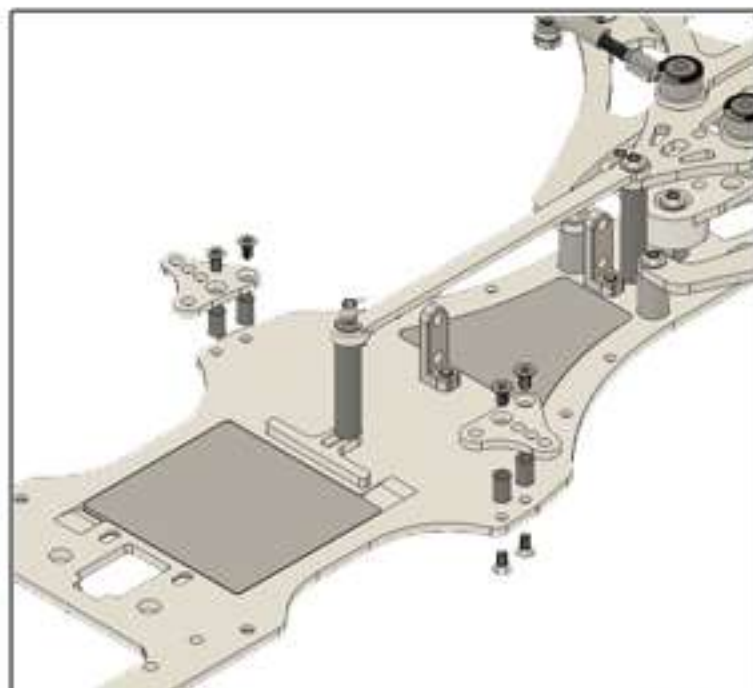
Battery Stop



FUTURA BAG 3



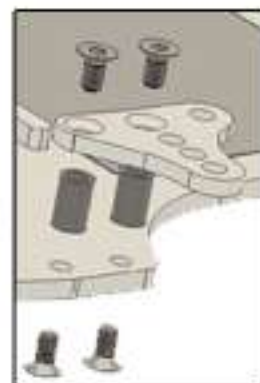
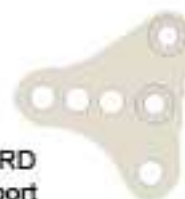
8



STANDARD
Right Support



STANDARD
Left Support



OPTIONAL HARD
Left Support/Right Support



Column M2,5 x8 mm x4
Code F-F1-1082



Countersunk Head M2,5x6 x8
Code F-F1-1083



QUICK TIPS

STANDARD SUPPORT Generates more mechanical grip. Recommended for low or medium grip.
OPTIONAL SUPPORT more hard for more grip conditions.

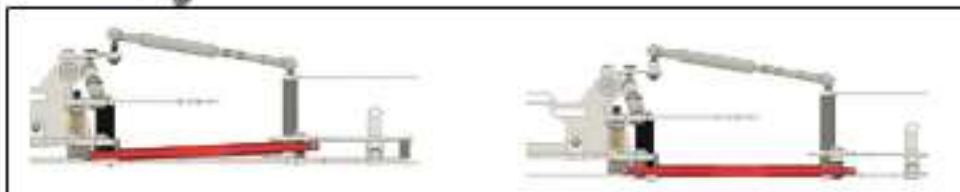
Sus Ball 5mm x4
Code F-F1-1057



Countersunk Head M2,5x8 x2
Code F-F1-1058



DO NOT tighten fully
make sure not to overtighten
MOVE FREELY
to correct functioning



POD LINKAGE ANGLE

STRAIGHT link alignment make the car easier to drive
LESS SHIM Raising the side link' front pivot point increase in-corner steering more difficult to drive
MORE SHIM the side link' rear pivot point reduces in-corner steering more easy to drive (understeering)

FUTURA BAG 3



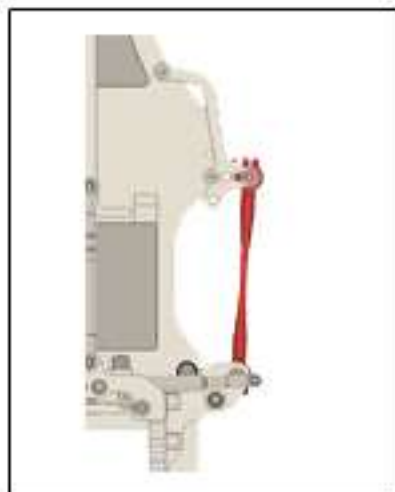
9



POD LINKAGE POSITION



INNER POSITION
INITIAL SETTING
straight link car easy to drive



OUTER POSITION
OPTIONAL SETTING
reduces steering and increase stability of the car

Seiger 4 mm x1
Code F-F1-1050



Sus Ball Holder x1
Code F-F1-1089



CARBON POD PLASTE PIVOT HOLDER

MB Engineering



Shim 0,25 mm



Aluminum "L" support
Code F-F1-1034



Button screw M3x6 x2
Code F-F1-1054



Countersunk Head M3x6 x2
Code F-F1-1051



FUTURA BAG 4



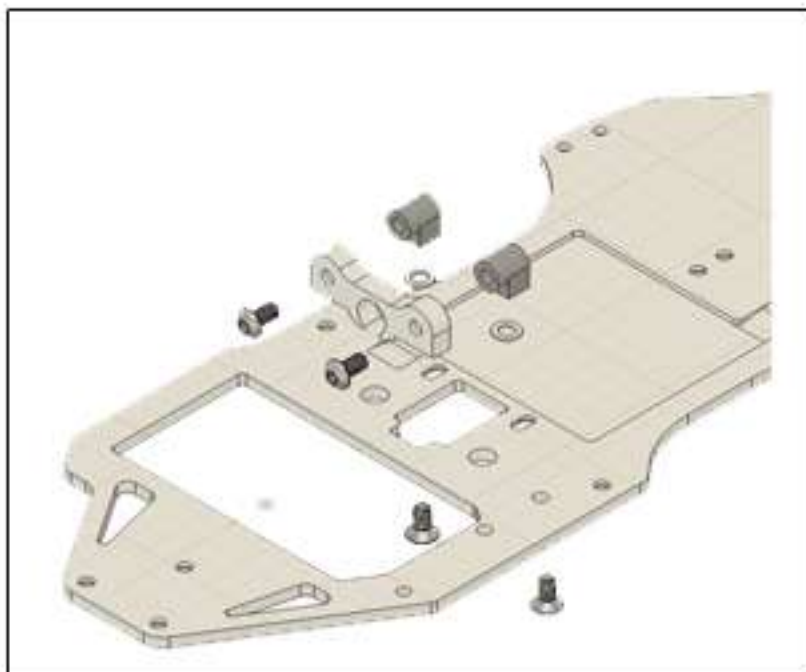
10

CARBON POD PLASTE PIVOT HOLDER

ASSEMBLED VIEW



ASSEMBLED VIEW ON CARBON CHASSIS



CARBON POD PLASTE PIVOT HOLDER

MB Engineering

Chassis carbon pivot Holder
Code F-F1-1016



Aluminum "L" support x1
Code F-F1-1034



Button screw M3x6 x1
Code F-F1-1054



Shim 0,25 mm



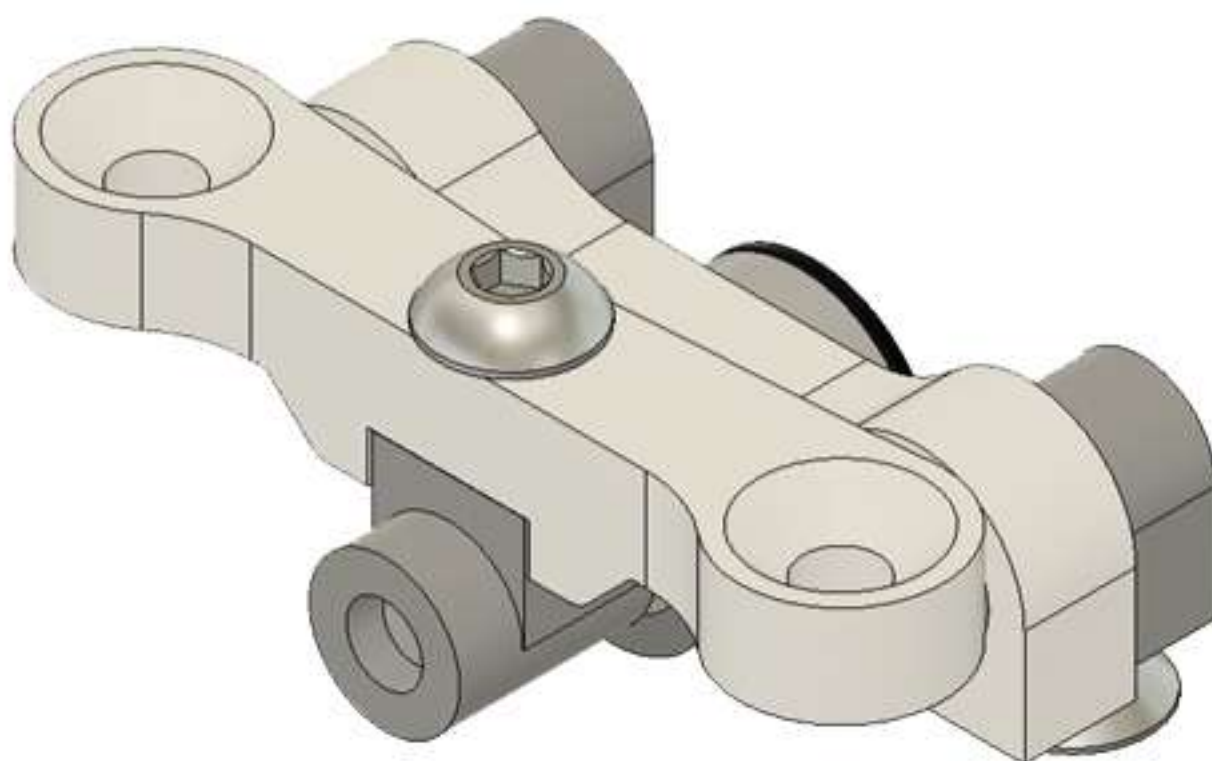
FUTURA BAG 4



11

CARBON POD PLASTE PIVOT HOLDER

ASSEMBLED VIEW



Thread insert M3 x2
Code F-F1-1037



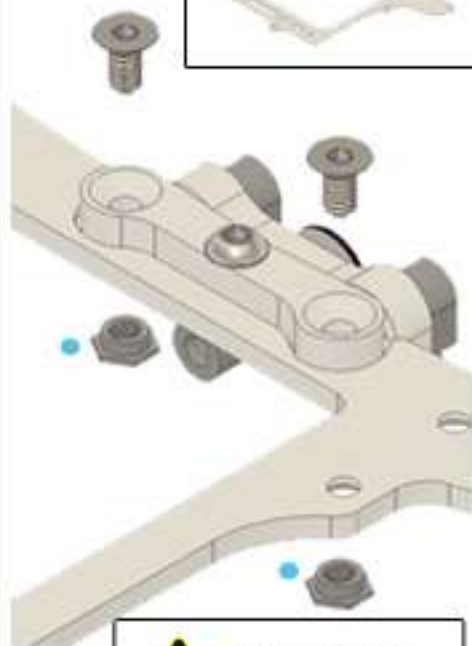
Countersunk M2,5x6 x2
Code F-F1-1051



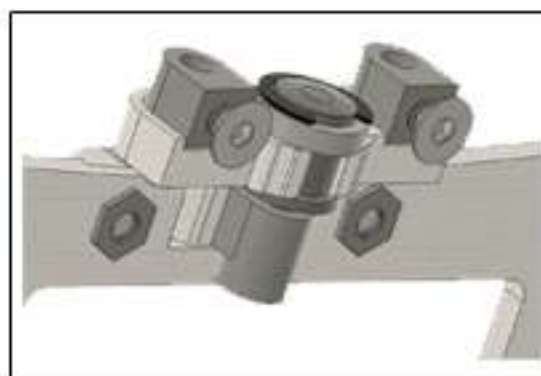
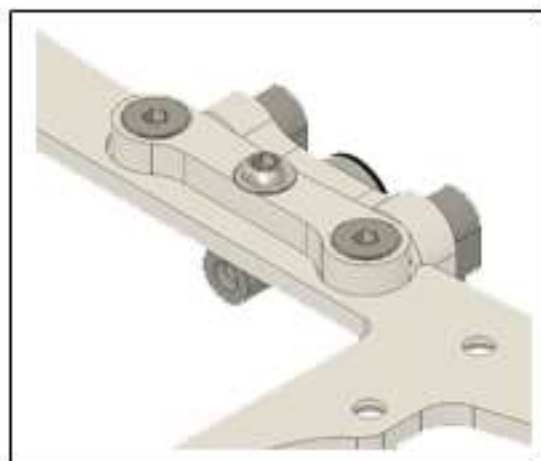
Button screw M3x6 x3
Code F-F1-1054



Carbon rear pod



● Pre-assembled
Thread insert M3

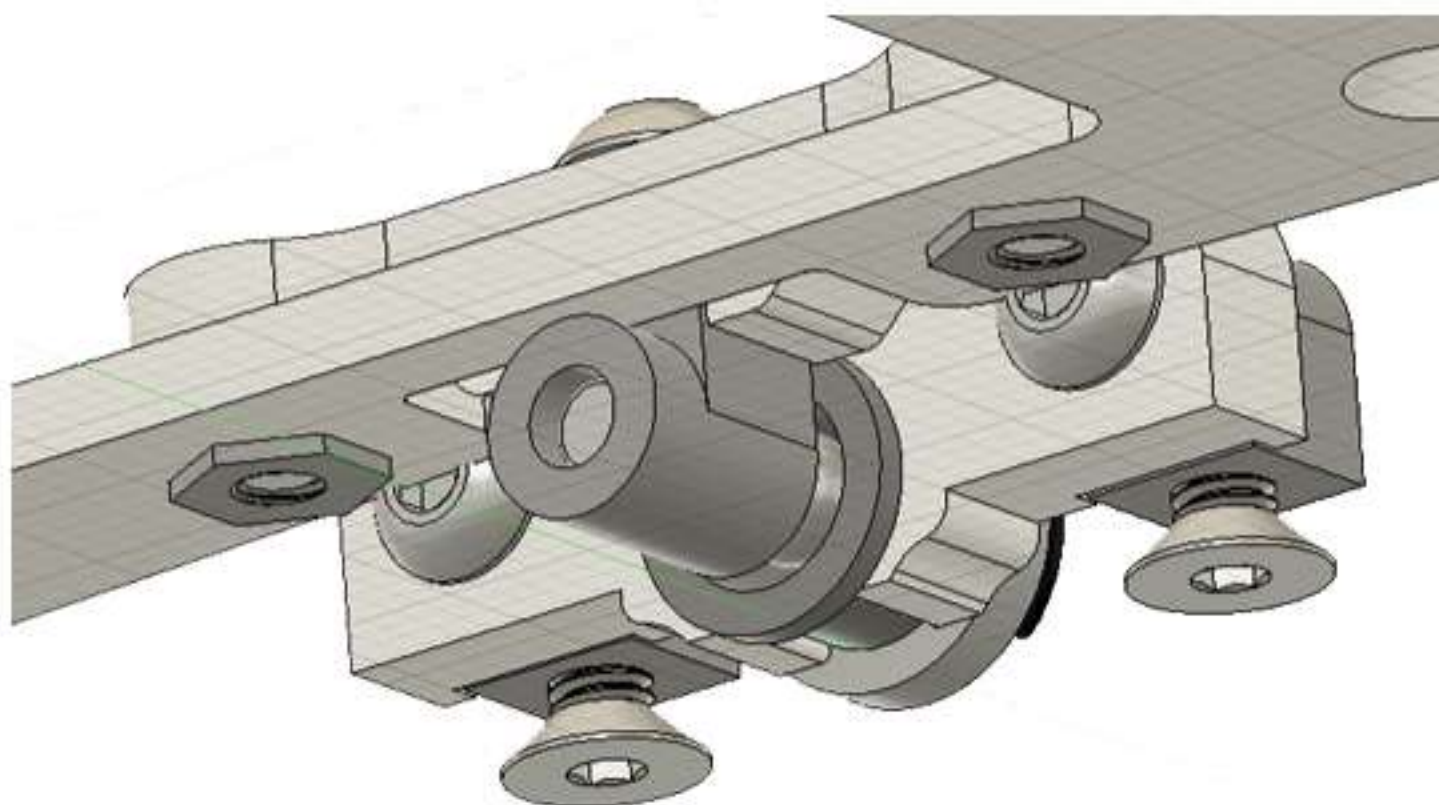


FUTURA BAG 4



12

ASSEMBLED VIEW



Side Spring x2
Code F-F1-1084



Steel side spring retainer x2
Code F-F1-1085



Alu. mount 18 mm
Code F-F1-1100



MB Engineering



THIS ITEMS IS
FACTORY
PRE-ASSEMBLED

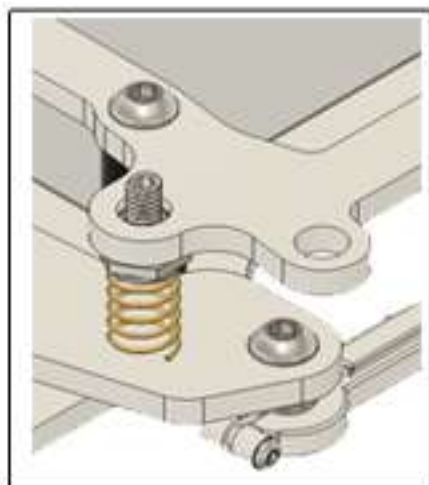
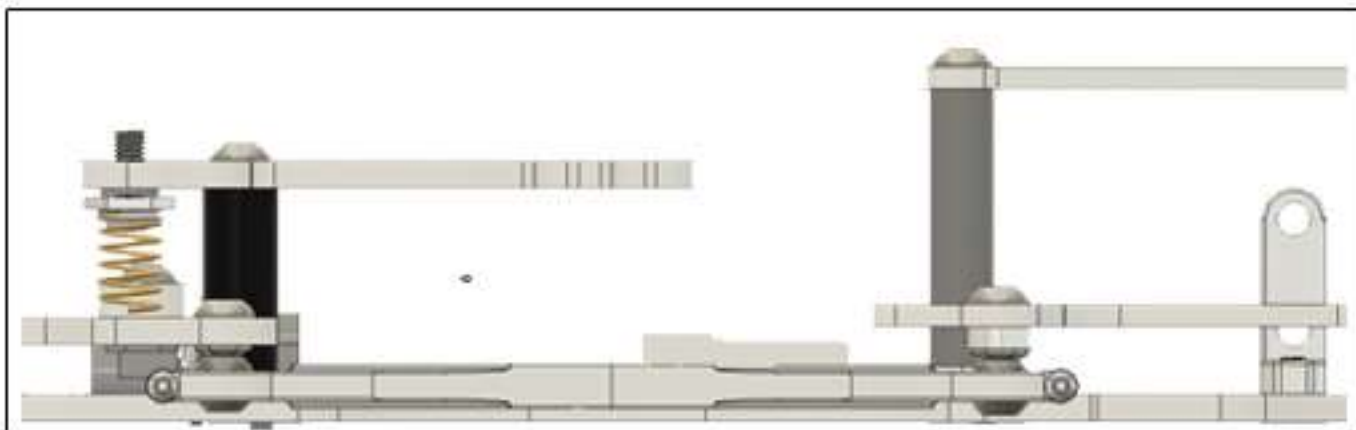
Battery O-R



FUTURA BAG 4



13



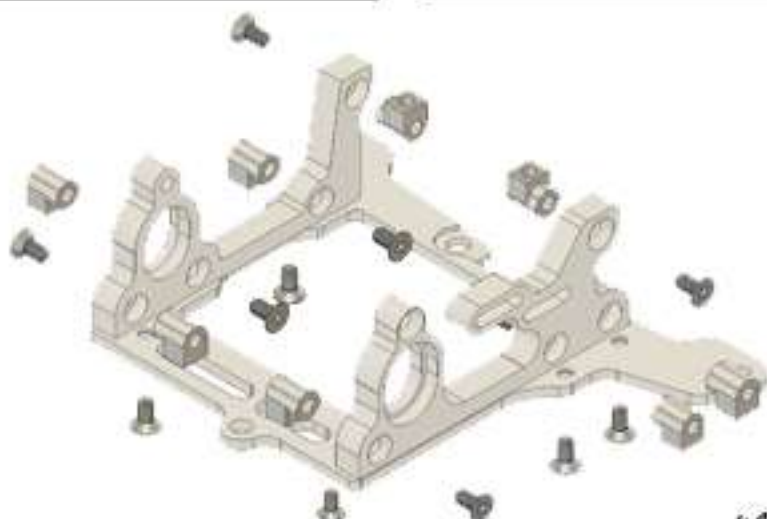
Countersunk M3X6 x12
Code F-F1-1051



Aluminum "L" support x8
Code F-F1-1034

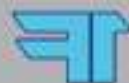


ATTENTION assemble the
screws by tightening them
in a crisscross and
gradual manner



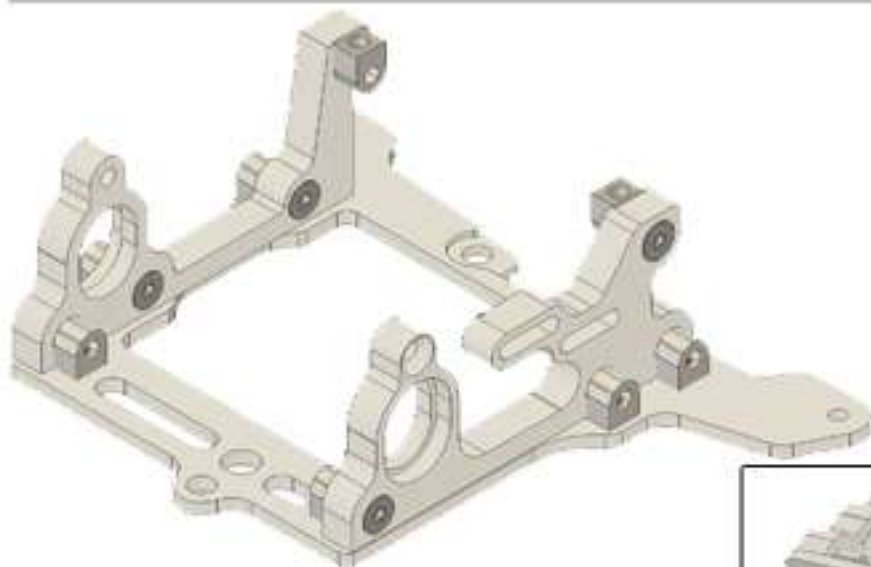
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FUTURA BAG 5



14

DIFFERENT AGLES OF VIEW



Countersunk M3x12 x2
Code F-F1-1055



IMPORTANT
When assembling
rear bulkhead don't tighten
it excessively, it's not
necessary

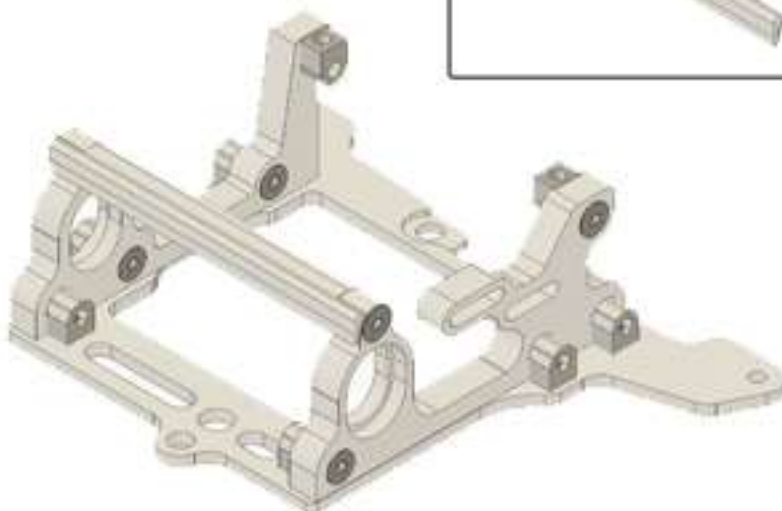
Composite rear
bulkhead brace
Code F-F1-1051



MB Engineering



REAR COMPOSITE
BULKHEAD BRACE



FUTURA BAG 5



15

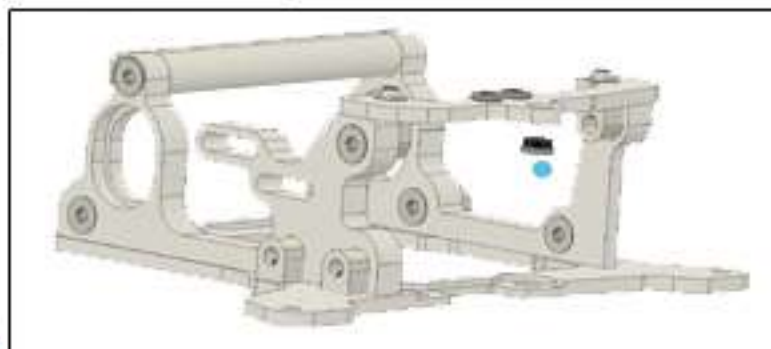
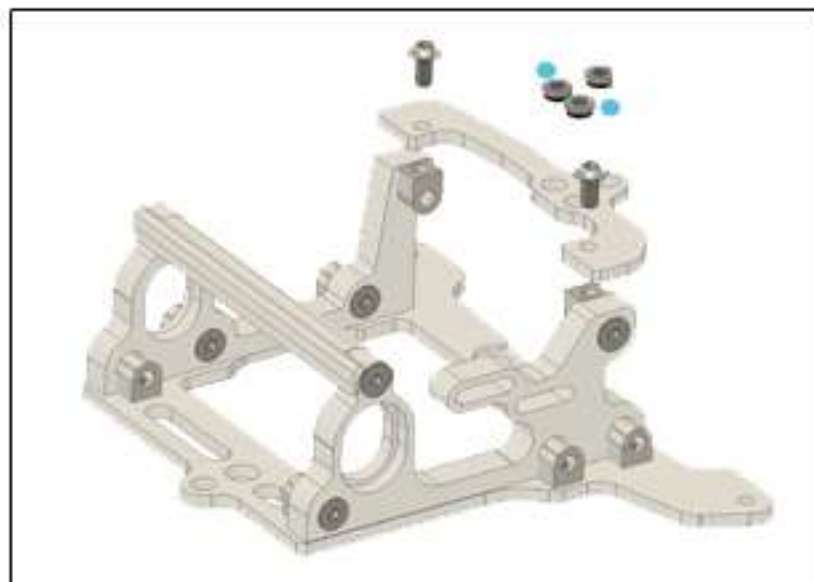
Button screw M3x6 x2
Code F-F1-1054



Composite M3 snap
lock bushing x3
Code F-F1-1038



• Pre-assembled
Thread insert M3



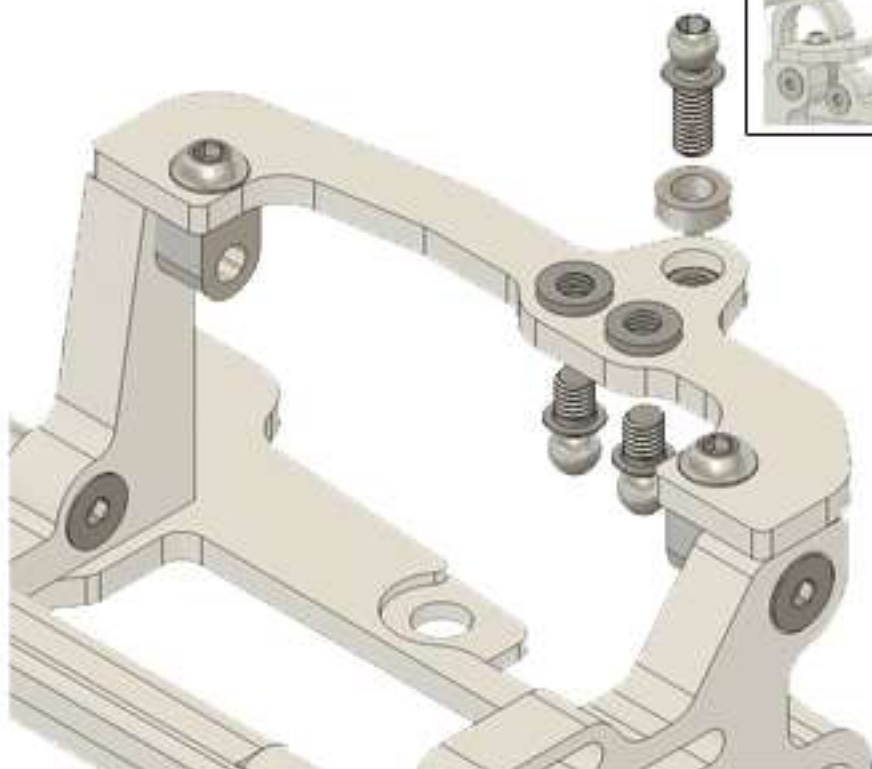
Ball end 13 mm x1
Code F-F1-1049



Ball end SMALL x2
Code F-F1-1103



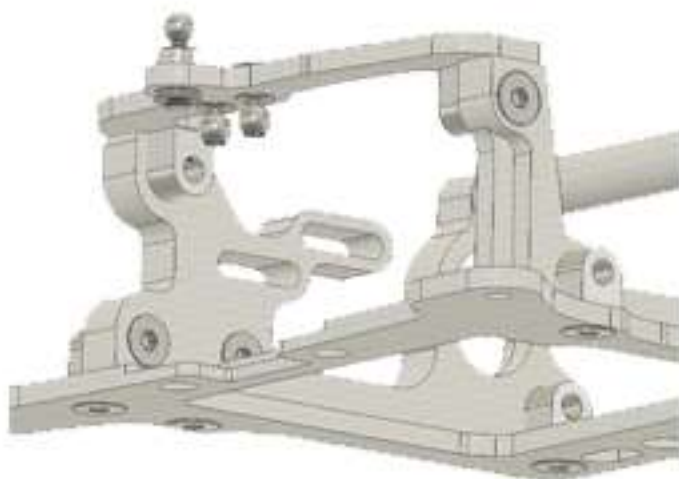
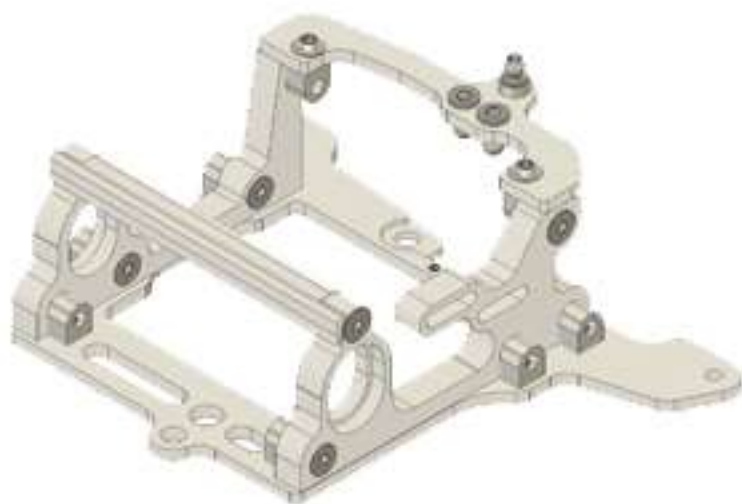
Spacer 1,5 mm x1
Code F-F1-1096



FUTURA BAG 5



16



Ball end 10 mm x2
Code F-F1-1094

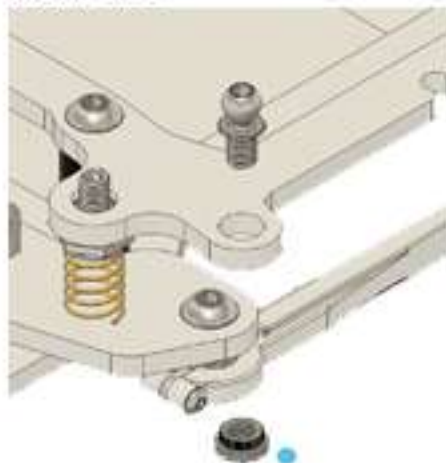


Composite M3 snap
lock bushing x3
Code F-F1-1038

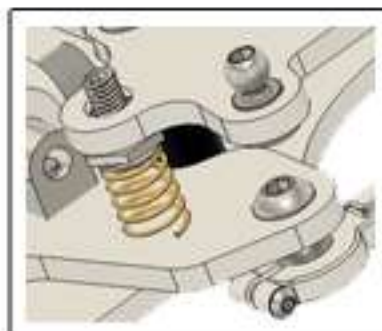


Pre-assembled
Thread insert M3

RIGHT SIDE



LEFT SIDE



FUTURA BAG 6



17



QUICK TIPS

Apply oil the entire side lube
before installing in the tube

After assembly, check for
smooth operation

HIGH TRACTION
use HARDER oils

FOR LOW TRACTION
use SOFTER OILS

HARDER OIL improve
stability and make the car
round and easier to drive

SOFTER OIL improves
steering



smaller uniball to
mount on the carbon support

CENTRAL SUSPENSION



Short Cup

Ball cup super small (2 pz)
Code F-F1-1089

Long Cup

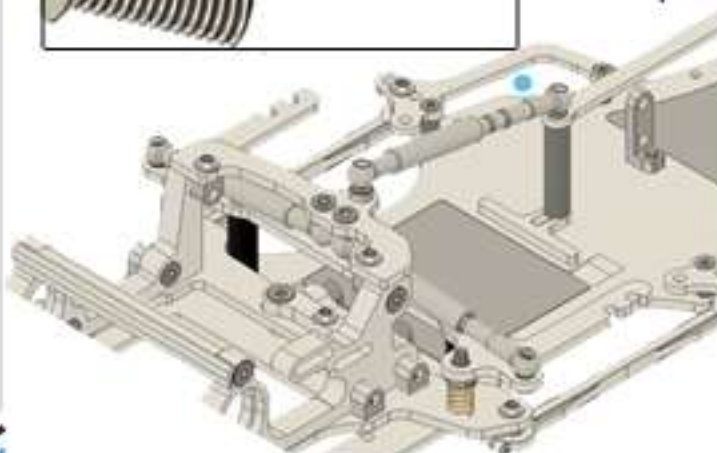
Short Cup

SIDE SUSPENSION

ATTENTION: Screw M3x8 FLAT
CODE: F-F1-1097



ATTENTION
Short cup



Short Cup

Small Cup

SIDE SUSPENSION

CENTRAL SUSPENSION

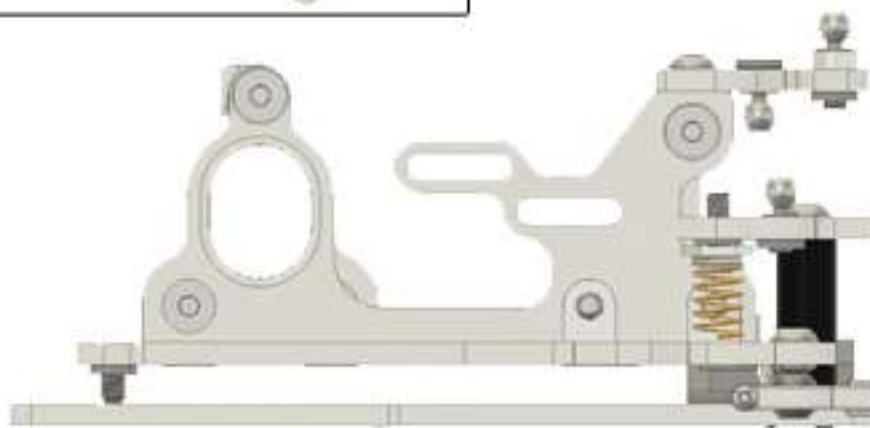
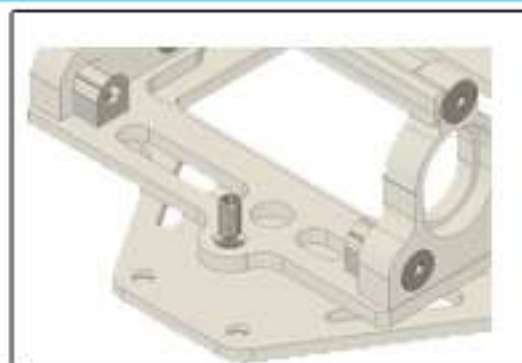


Hex screw S8 M3x8 x1
Code F-F1-1064

Composite M3 snap
lock bushing x1
Code F-F1-1038



Pre-assembled
Thread insert M3



FUTURA BAG 6



18

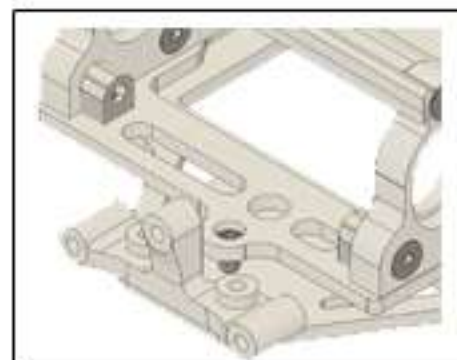
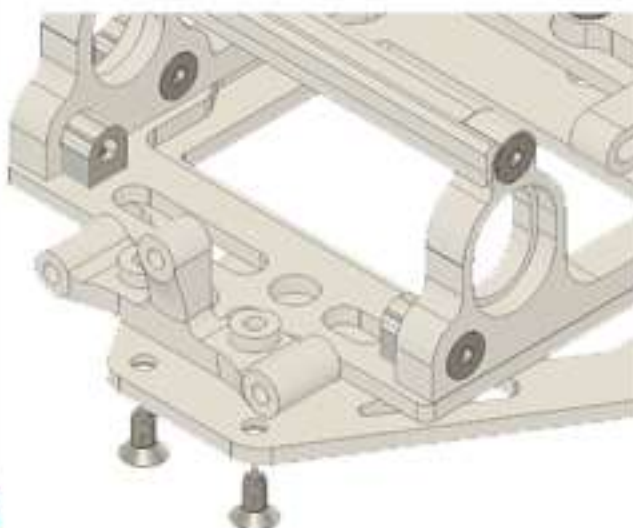
Countersunk Head M3x8 x2
Code F-F1-1052



Composite rear wing holder
Code F-F1-1027



REAR WING HOLDER



REAR WING HOLDER ASSEMBLED

Button screw M3x6 x3
Code F-F1-1051



CARBON REAR WING MOUNT

These position adjust the HEIGHT of the rear wing.

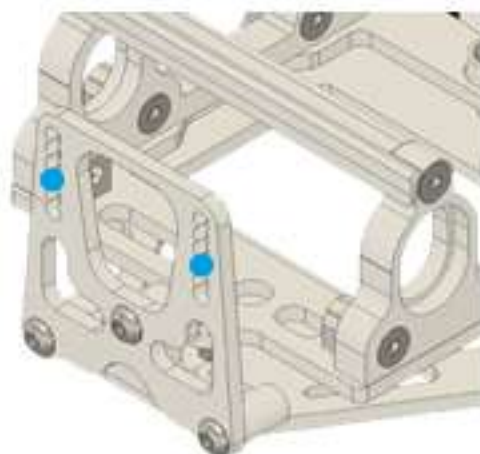
HIGHER wing, more rear traction, more stability car more easy to drive

LOWER wing, higher top speed, improved steering response and high traction condition

● INITIAL SETTING



CARBON REAR WING MOUNT



FUTURA BAG 6



19

Nut M3 x1
Code F-F1-1098



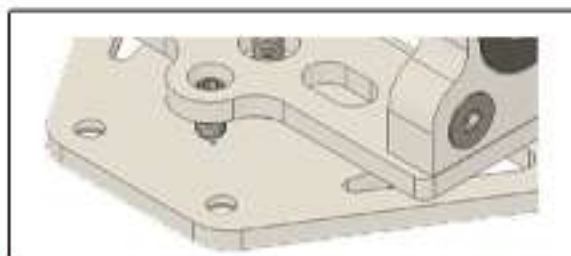
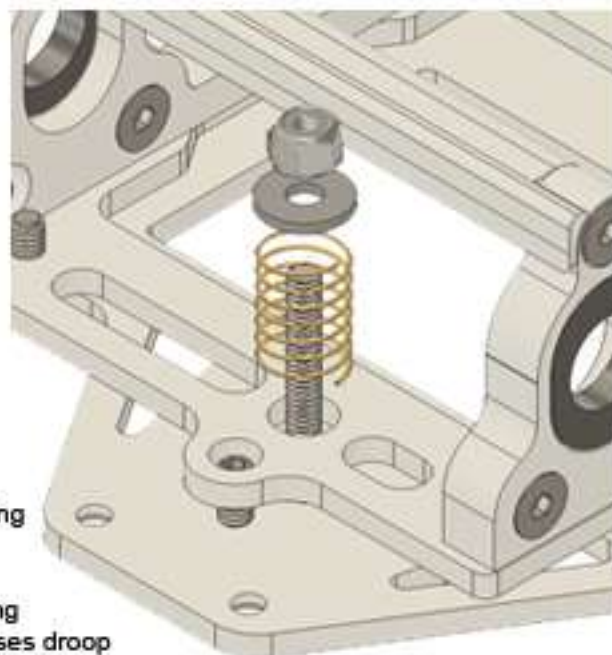
Rear Spring
Code F-F1-1088



Hex screw M3x8 x1
Code F-F1-1064



POD DROOP adjustment
TIGHTENING the rear bump spring increases ride height and reduces droop
LOOSENING the rear bump spring decreases ride height and increases droop



Rear Wing x1
Code F-F1-1060



This is OPTIONAL
3D REAR WING

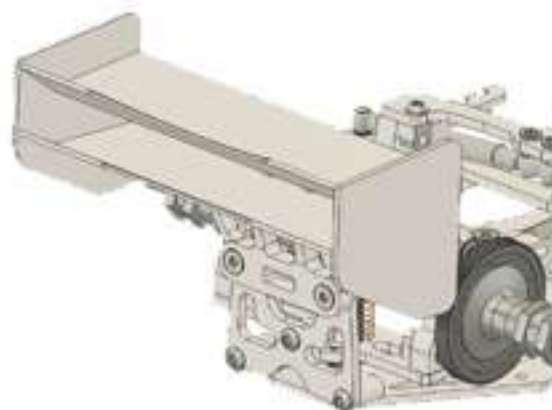
MB Engineering

Nut M3 x2

M3x8



ATTENTION STANDARD
REAR WING
IN CAR KIT IS
MON-TECH 021-014B



FUTURA BAG 7



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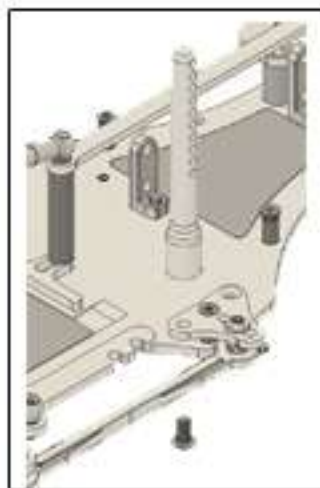
Countersunk Head M3x6 x2
Code F-F1-1051



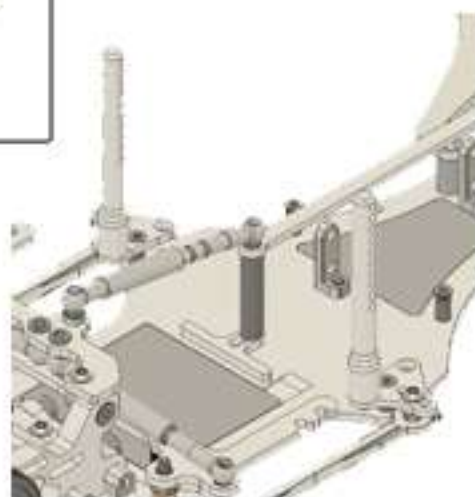
Composite body post
Code F-F1-1089



RIGHT SIDE



LEFT SIDE



Countersunk Head M3x8 x1
Code F-F1-1056



Composite front wing support
Code F-F1-1042



This is OPTIONAL
3D FRONT WING



ATTENTION STANDARD
FRONT WING
IN CAR KIT IS
MON-TECH 021-012B



MB Engineering

FUTURA BAG 7

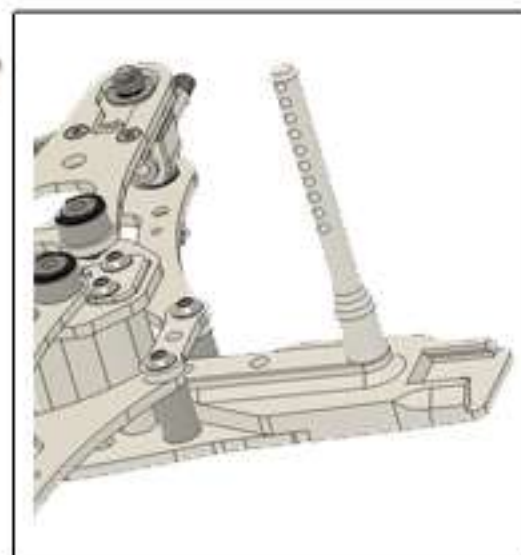


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Countersunk Head M3x8 x1
Code F-F1-1056



Composite body post
Code F-F1-1089



Countersunk Head M3x8 x1
Code:



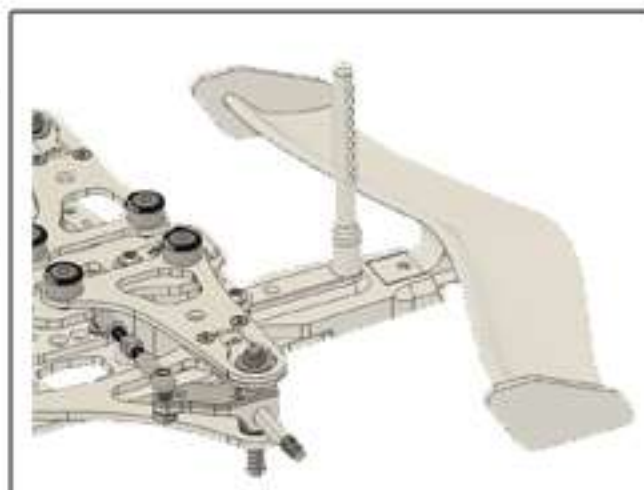
Futura front WING is universal for all 1/10 F1 Chassis and you can use basic and change only front wing



For MON-TECH front Wing use M4 Screw



ATTENTION STANDARD FRONT WING IN CAR KIT IS MON-TECH 021-012B



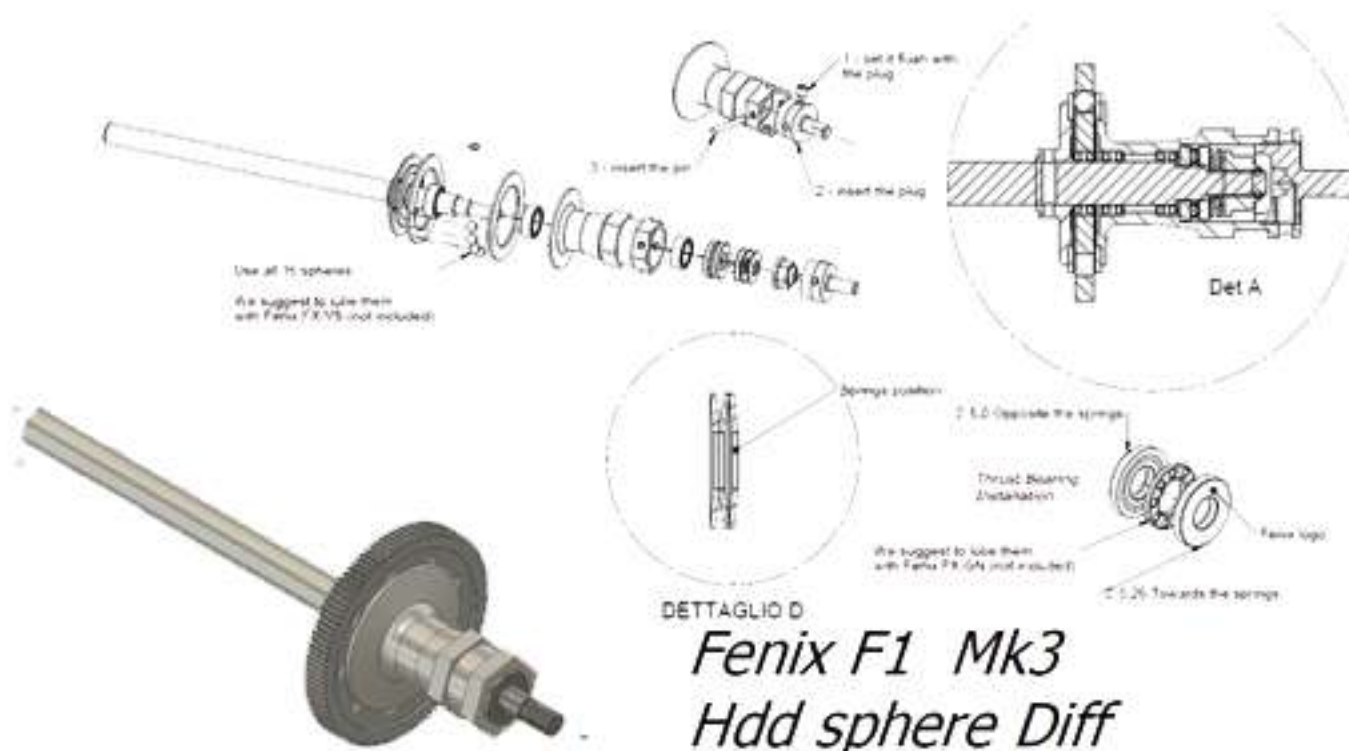
FUTURA BAG 7



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FUTURA choose FENIX F1 MK3 HDD sphere diff

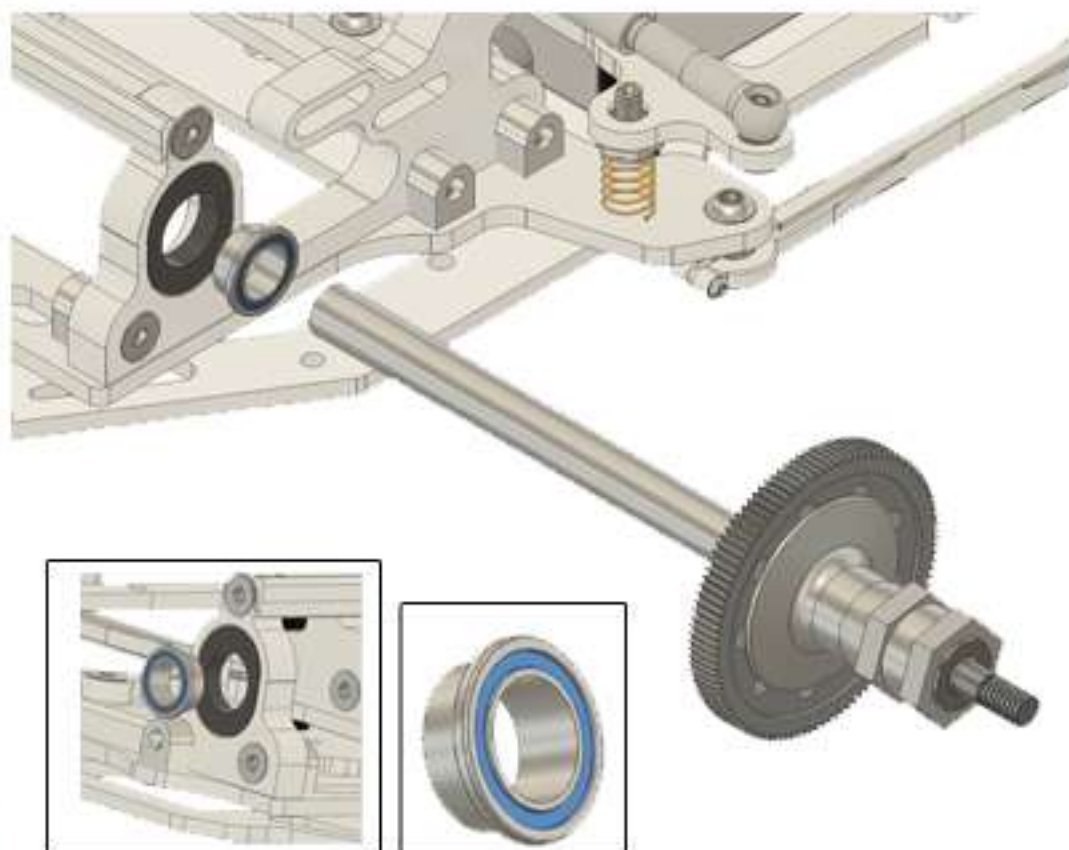




These eccentric bushings adjust the RIDE HEIGHT of the rear pod.

ATTENTION use the same eccentric bushing on both side

Ball bearing 1/4X3/8x1/8
Flanged
Code F-F1-1091



FUTURA BAG 7



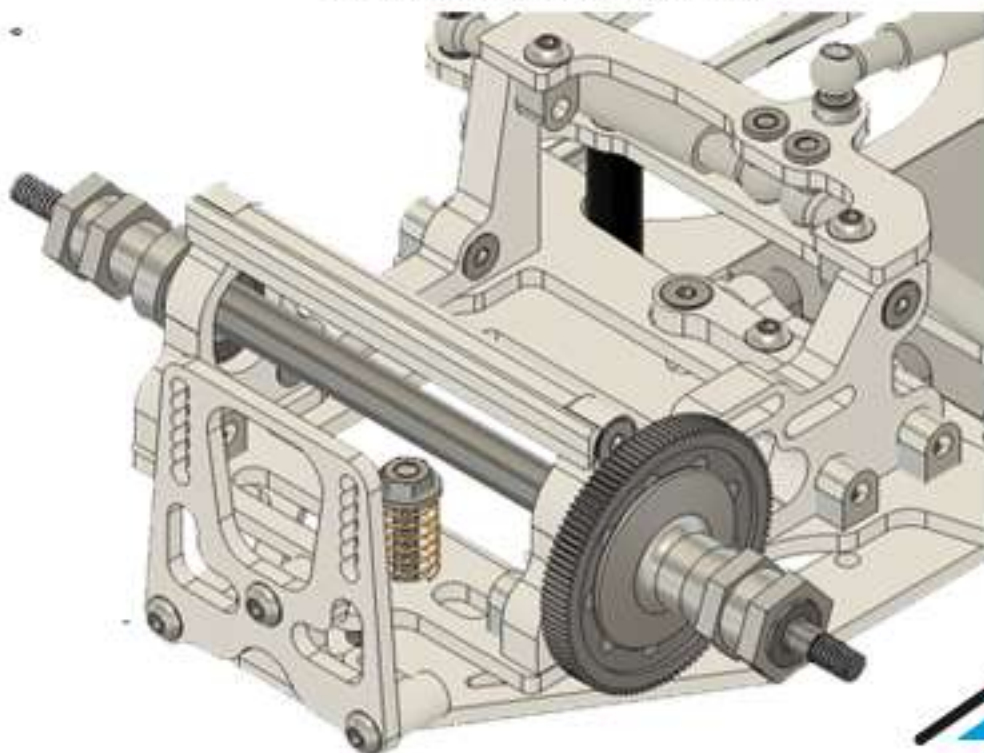
23

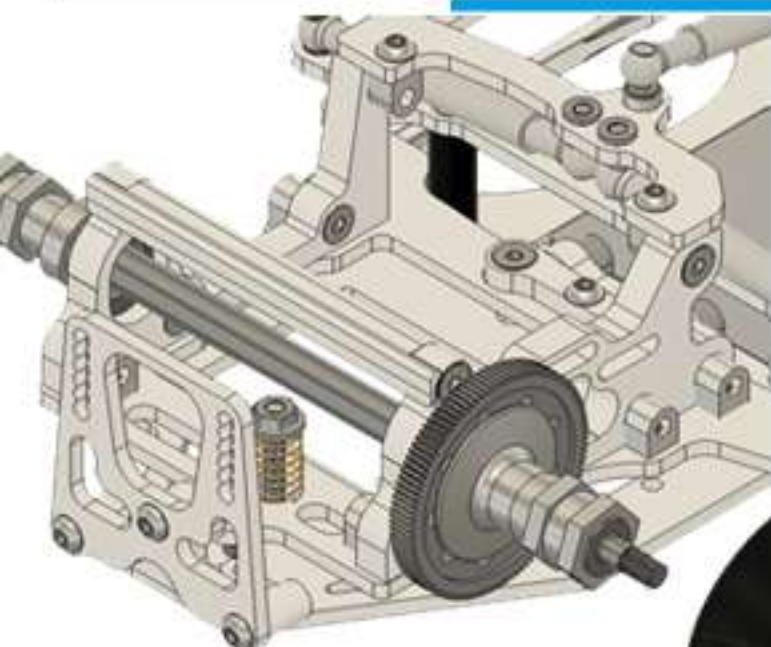


Ride Height Adjusters- 0-0,5-1-1,5
Code F-F1-1092
STANDARD POSITION 0,5



ASSEMBLED DIFFERENTIAL VIEW





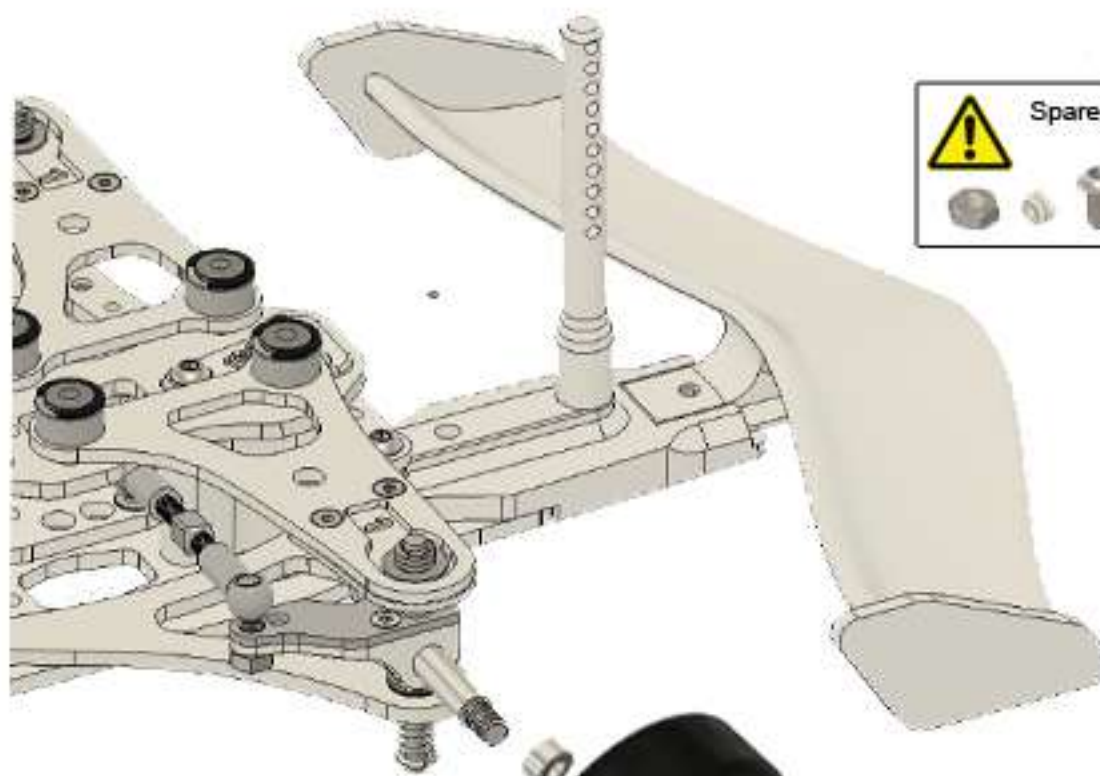
ATTENTION: TYRES NOT INCLUDED



FUTURA BAG 7



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Spare additional screw kit



Ball Bearing 5x10x4 (4 pz)
Code F-F1-1101



ATTENTION: TYRES NOT INCLUDED

SET-UP SHEET

Race

Track

Name

Date

Qual.	Position	Final Position	Best Lap Time	Laps

TRACK

Surface	Asphalt	Carpet	
Layout	Fast	Mixed	Technic
Traction	Low	Medium	High

TUBES

Center Dumping Oil

Sides Dumping Oil

Cst

Cst

SIDES & BUMP SPRING

Sides		Bump
Conical		Conical
Straight		Straight
Size		Size

Front	TIRES	Rear
	Brand/Model	
	DIAMETER /mm	
	ADDITIVE TIMING	
	ADDITIVE TIMING	
	WIPE OFF TIME	

FOAM

RUBBER

mm

mm

mm

ADDITIVE AREA

mm

mm

mm

mm

TRANSMISSION

GEAR DIFF	BALL DIFF
OIL /Cst	LOOSE MEDIUM TIGHT

GEARING

SPUR GEAR	PINION	FINAL DRIVE RATIO

ELECTRONICS

MOTOR	
ESC	
SERVO	
BATTERIES	

BODY

BRAND	MODEL
WINGS Front / Rear	
BRAND	MODEL
BRAND	MODEL

