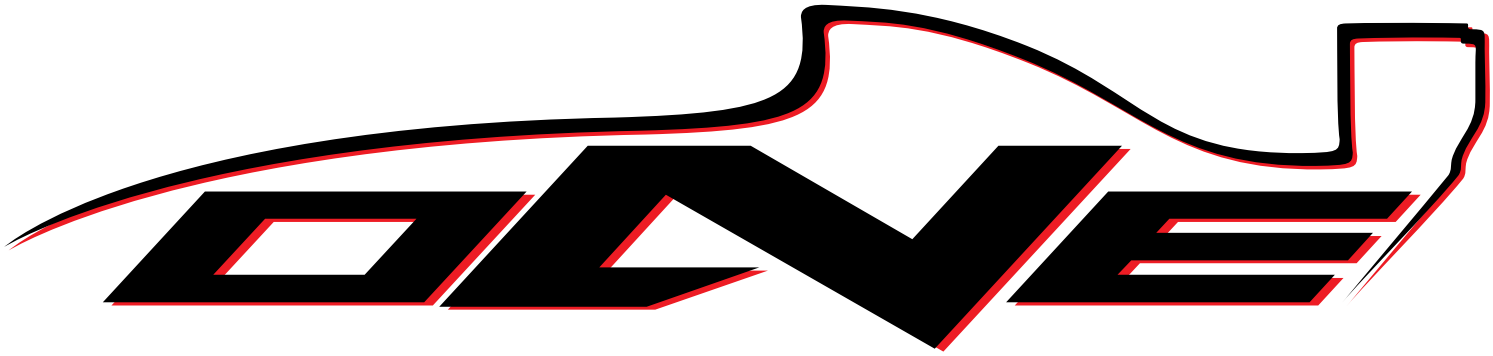




INSTRUCTION MANUAL

Thank you for purchasing this MACH4 product. This is an high performance scale racing car created after years of developments by MACH4 team.

PRECAUTIONS FOR YOU AND FOR YOUR R/C CAR

This is an high quality 1/10 F1 scale car intended for person aged 16 years and older. This is NOT a toy and for children under the age of 13, parental guidance is recommended.

CUSTOMER SUPPORT

If you need support or if you have some questions don't esitate to contact us
ITALTRADING s.a.s
59100 PRATO (italy)
email:news@italtrading.it
You can find other items for your formula car in our webstore www.italtradingstore.it

ASSEMBLY PRECAUTIONS

Do not assemble the kit around small children.
Some parts can be dangerous if accidentally swallowed.
Check carefully the manual before the assembly.
You need some different tools during the assembly please use suitable tools, use extra caution when use hobby knife.
When cutting plastic parts some part can flying.

BEFORE A RUN

Place your formula car on a stand so the wheels are off the ground.
With the esc switch is OFF connect the motor and the battery.
Turn on the transmitter and the esc, if the car respond correctly to the transmitter input you are ready for the track.

AFTER EACH RUN

Turn the switch controller OFF
Disconnect the battery
Turn the transmitter switch OFF and use caution to manage the car because motor and Esc can be very Hot.

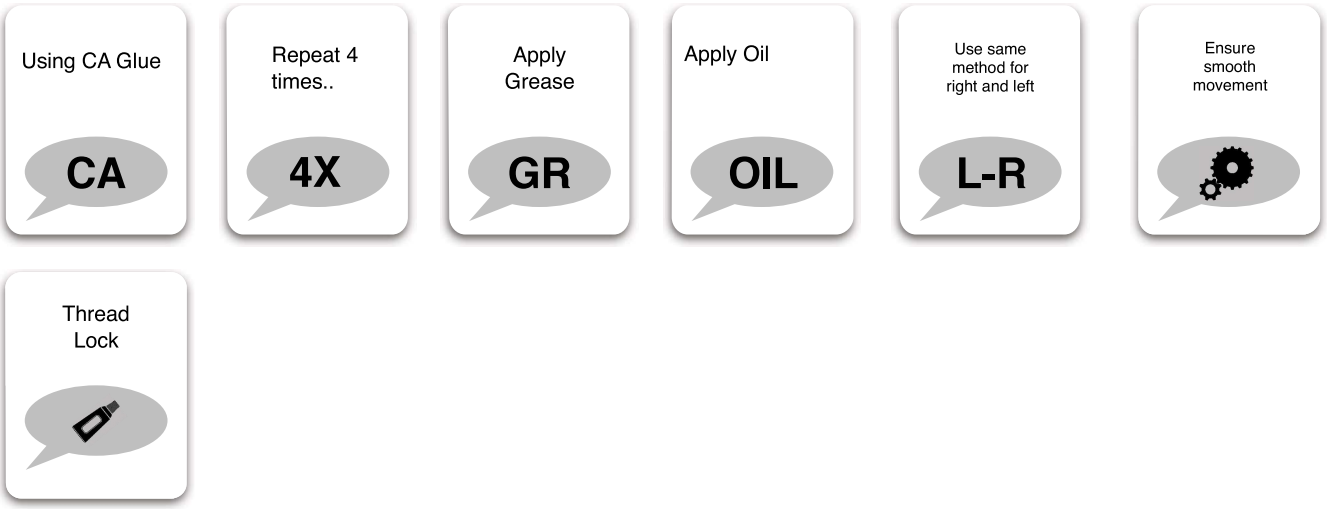
LIPO BATTERY USAGE

When charging the Lipo batteries use ONLY lipo battery Charger.
Do not charge over 8,4v with 2s pack and use lipo safety bag.
When charging a lipo battery pack make sure that the surrounding area is clean of flammable stuff.

TOOL REQUIRED

- *Allen wrench (1,5-2-2,5-3 mm)*
- *Nut wrench (7mm)*
- *Side Cutter*
- *Hobby Knife*
- *Needle Nose Pliers*
- *Scissors*
- *CA (Cyanoacrylate) Glue*
- *Turnbuckle wrench (4mm)*

SYMBOLS USED

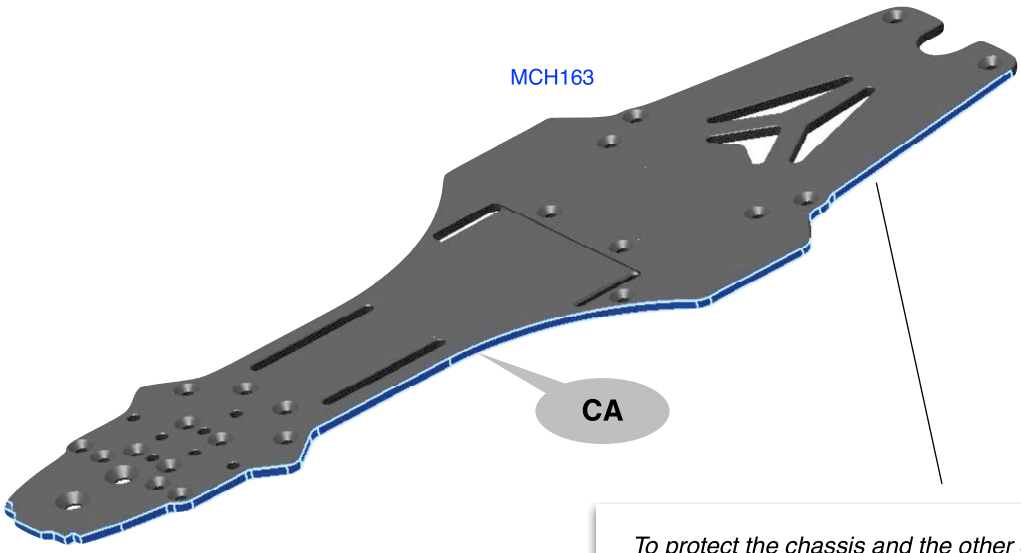


NOT INCLUDED

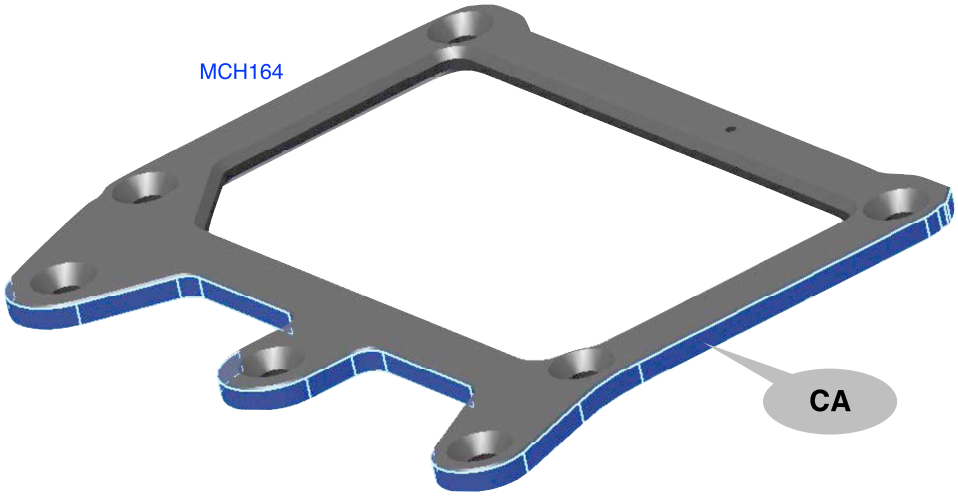
- *Transmitter*
- *Receiver*
- *Electric Motor*
- *Pinion Gear*
- *Speed Controller (ESC)*
- *Lipo Battery*
- *Battery Charger*
- *Lexan Paint*
- *Lexan body and wings*
- *Fibre Tape - Double sided Tape*
- *Wheels & Tires*
- *Steering servo*
- *1 milion Silicone Grease*
- *450 Silicone Oil*

BAG 1 - CHASSIS AND REAR PLATE EDGES

Use sandpaper to sand the edges of the chassis and rear plate.



To protect the chassis and the other graphite parts from crash or serious impact apply CA Glue on the edges.



BAG 2 FRONT

BAG 2 CONTENT

6X - -
MCH185
(EXTRA BAG)



plastic
uniball

6X - -
MCH218



metal clip

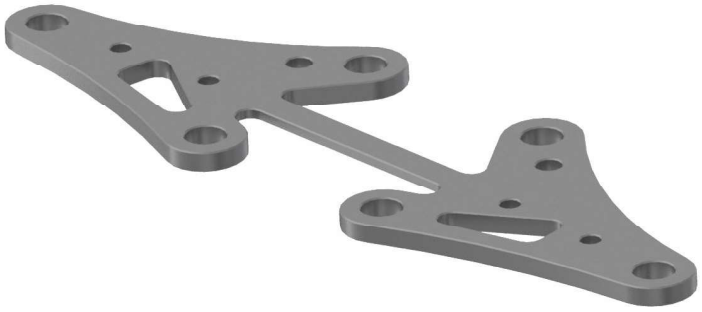


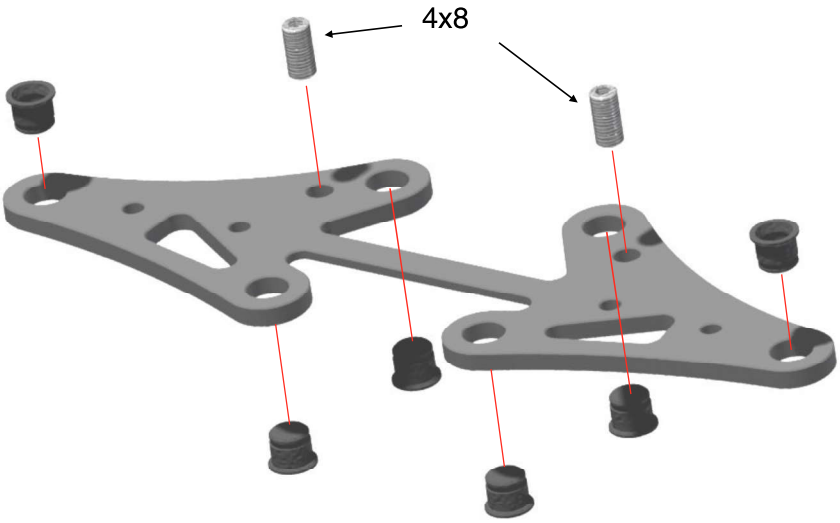
MCH155

2X - -
MCH211

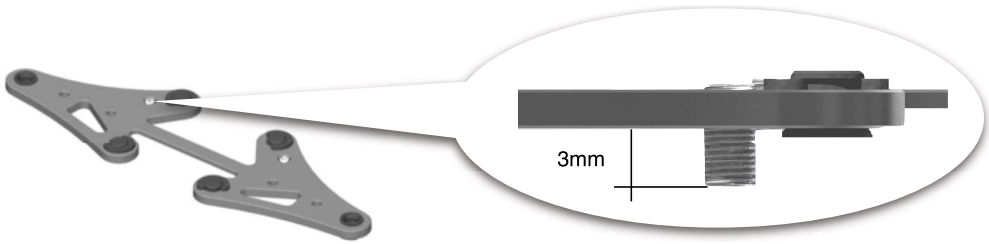


4x8mm









BAG 3 FRONT

BAG 3 CONTENT

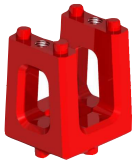
6X - - 3x6mm
MCH213

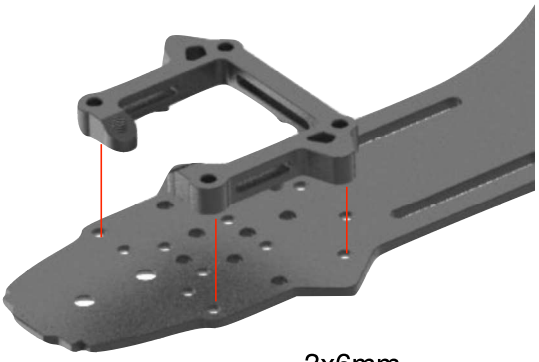


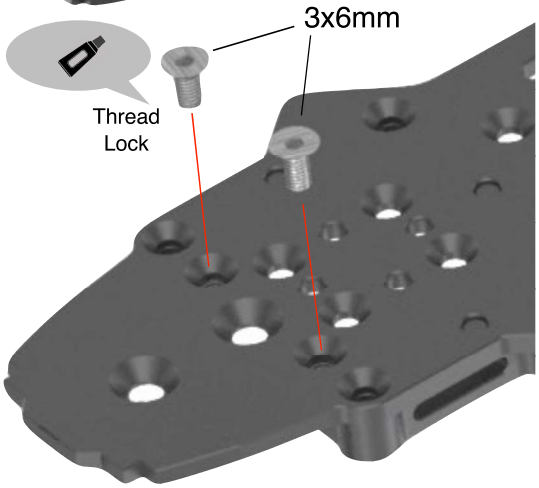
1X - - aluminium
MCH160

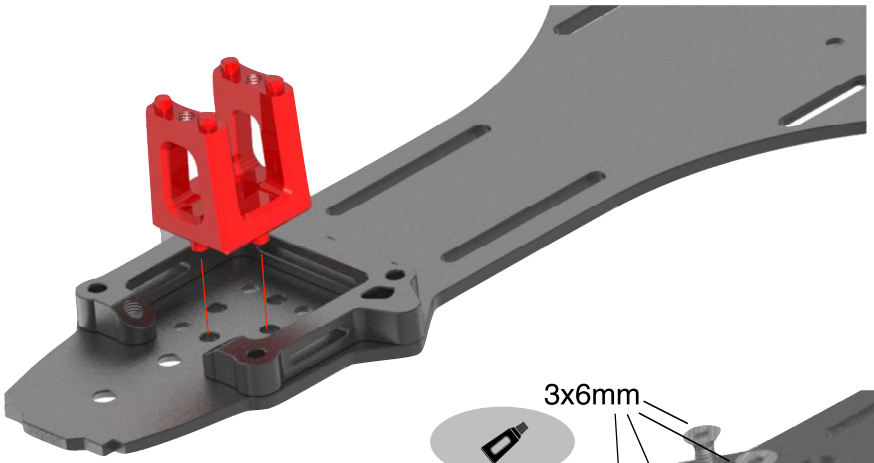


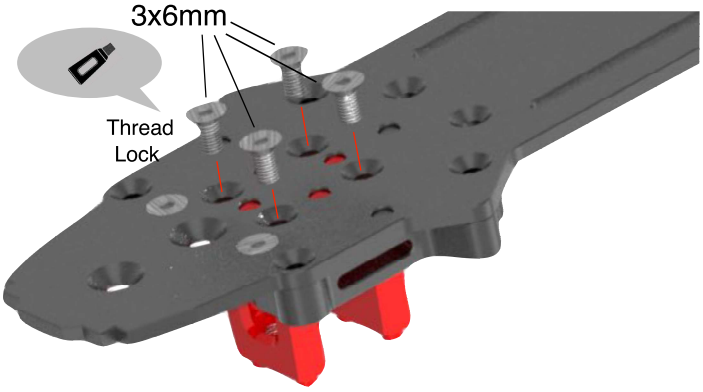
1X - - aluminium
MCH101











BAG 4 FRONT

BAG 4 CONTENT

4x - -
MCH175
(EXTRA BAG)



alum.
uniball

4x - -
MCH171

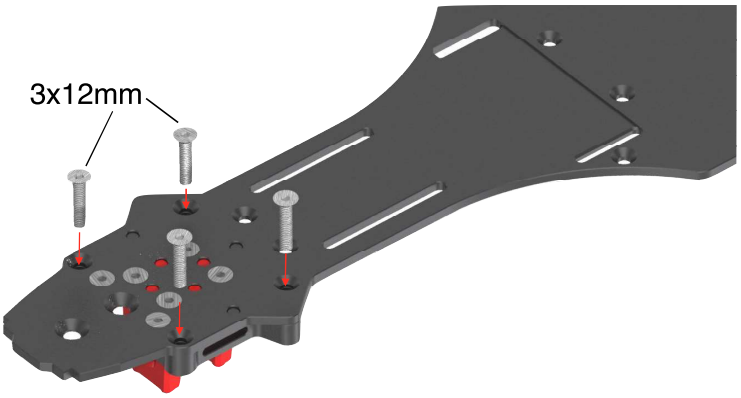


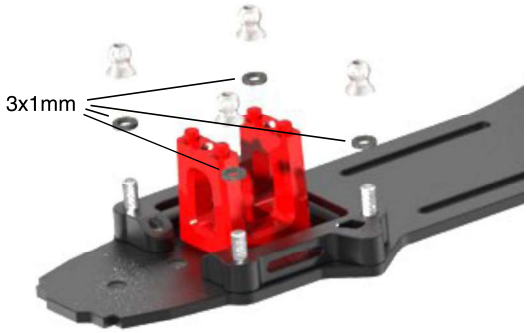
alum.shim
3x1mm

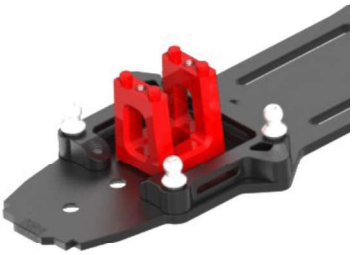
4x - -
MCH216

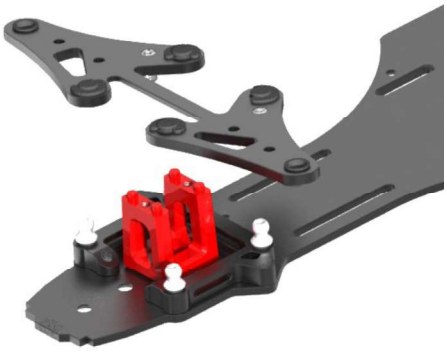


3x12mm

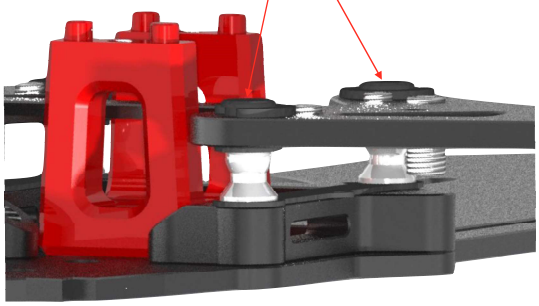








Snap plastic joints on
aluminium balls (push hard)



BAG 5 FRONT

BAG 5 CONTENT

2X - -
steel king pin
MCH162



8X - -
MCH171
alum.shim
3x1mm



Left
MCH161/1
aluminium
Right
MCH161
aluminium



4X - -
MCH175
(EXTRA BAG)
alum.
uniball



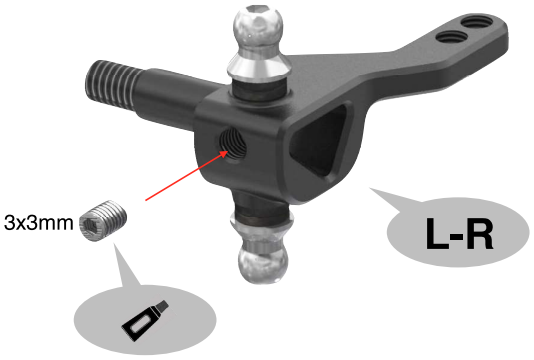
2X - -
MCH210
3x3mm















BAG 6 FRONT

BAG 6 CONTENT

2X - -
MCH171
alum.shim
3x1mm

2X - -
MCH206
3x6mm

2X - -
MCH207
3x8mm

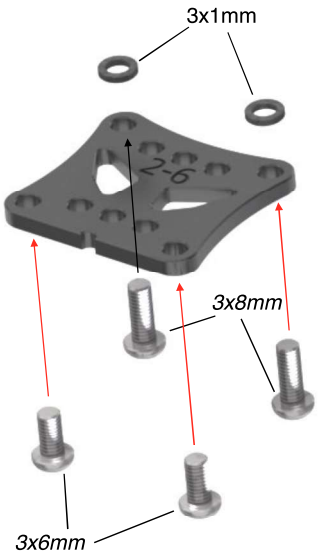
4X - -
MCH175
(EXTRA BAG)
alum.
uniball

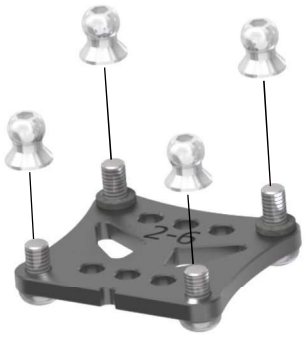
6X - -
MCH218
metal clip

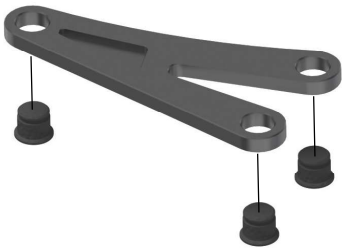
6X - -
MCH185
(EXTRA BAG)
plastic
uniball

2X - -
MCH154

1X - -
MCH156







2X



L-R

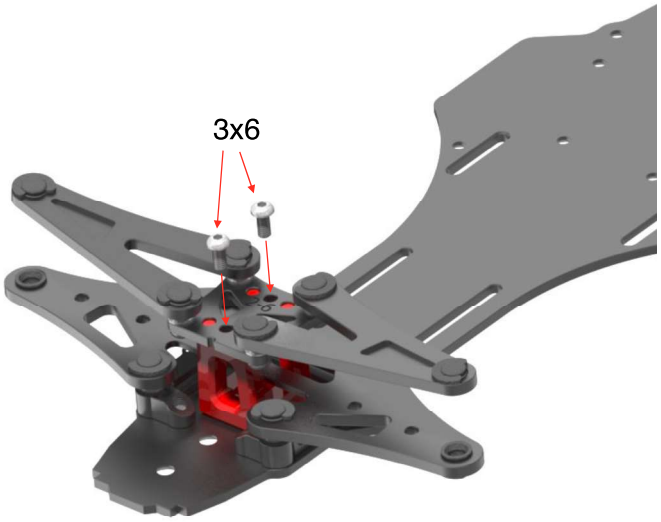


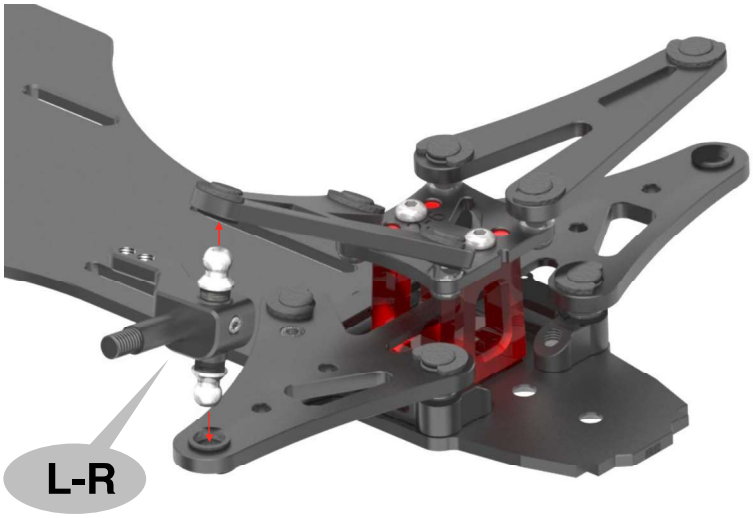


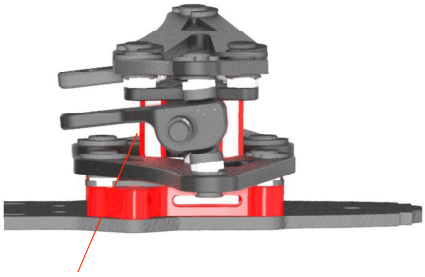
BAG 7 FRONT

BAG 7 CONTENT

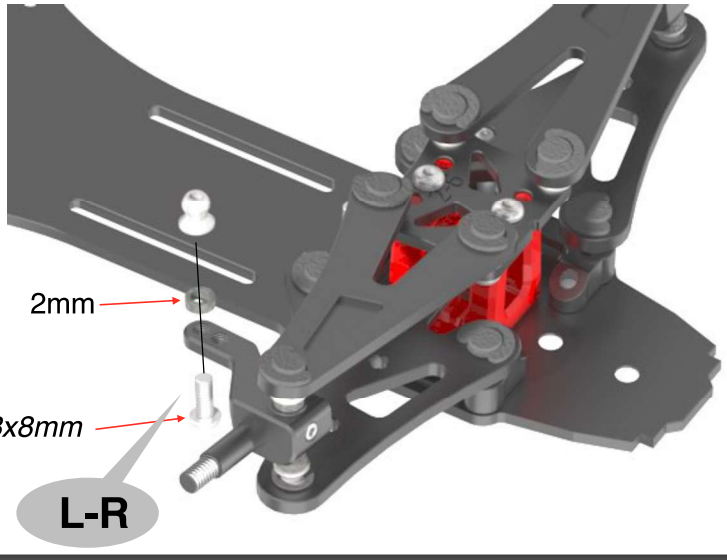
2X - -	MCH206	3x6mm
2X - -	MCH207	3x8mm
2X - -	MCH175 (EXTRA BAG)	alum. uniball
2X - -	MCH174	3x2mm all. shim







Look the orientation



BAG 8 FRONT

BAG 8 CONTENT

1X - - MCH206 3x6mm



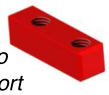
2X - - MCH214 3x8mm

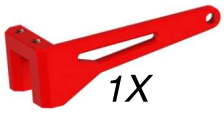


4X - - MCH207 3x8mm

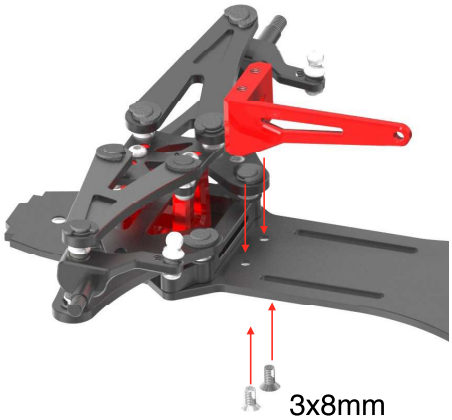


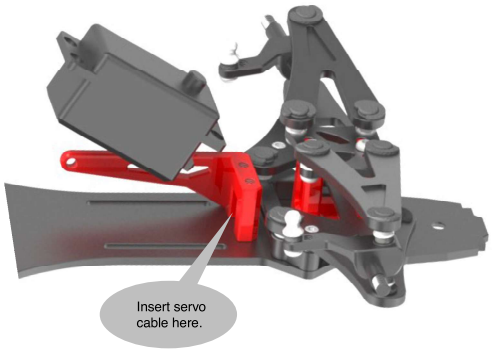
1X - - alum. servo stopper short MCH148

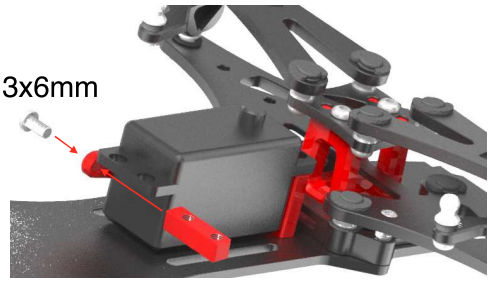


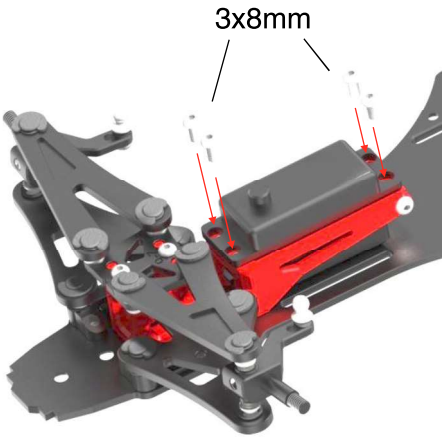


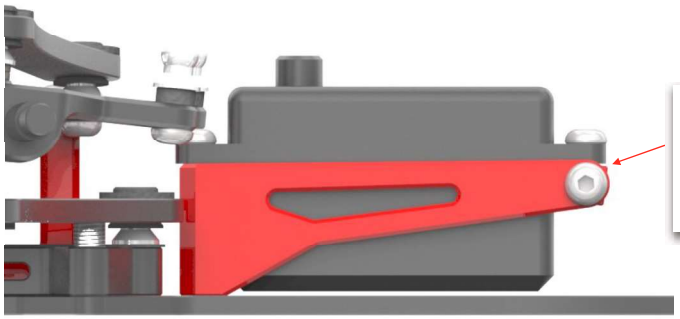
1X alum. servo stopper long MCH147











Adjust with shims between servo and servo arm to have 0.2-0.5 of space between servo and chassis.

BAG 9 FRONT

BAG 9 CONTENT

3X - - MCH207 3x8mm

5X - - MCH213 3x6mm

2X - - MCH209 3x15mm

2X - - MCH174 3x2mm alum.shim

3X - - MCH175 (EXTRA BAG) alum. uniball

1X *MCH179 servo saver (EXTRA BAG)*

4X - - *MCH176 plastic uniball (EXTRA BAG)*

2X - - *MCH018 steering crank*

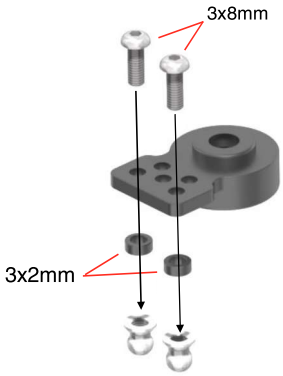
1X *MCH168 alum. battery brace*

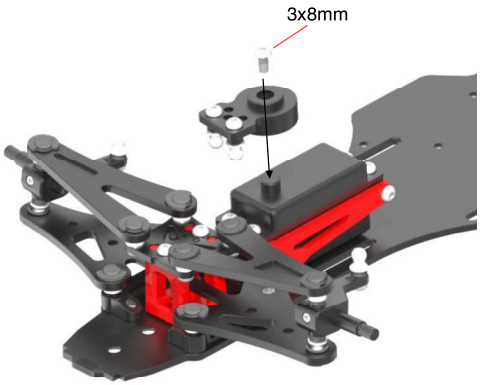
2X - - MCH205 2x6x2mm rubber oring

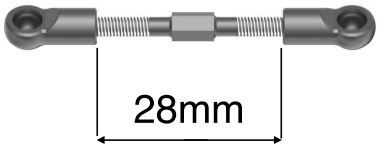
2X - - MCH169 alum. battery stopper

2X - - MCH019 alum. battery tower

1X *MCH173 alum. battery stop*

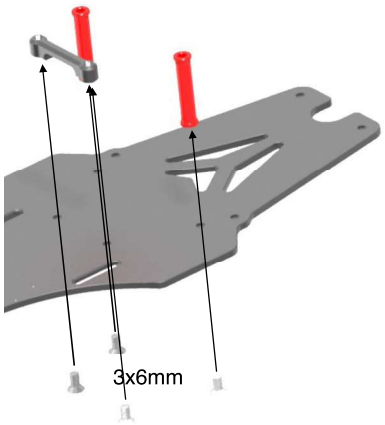


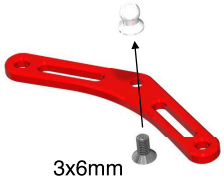


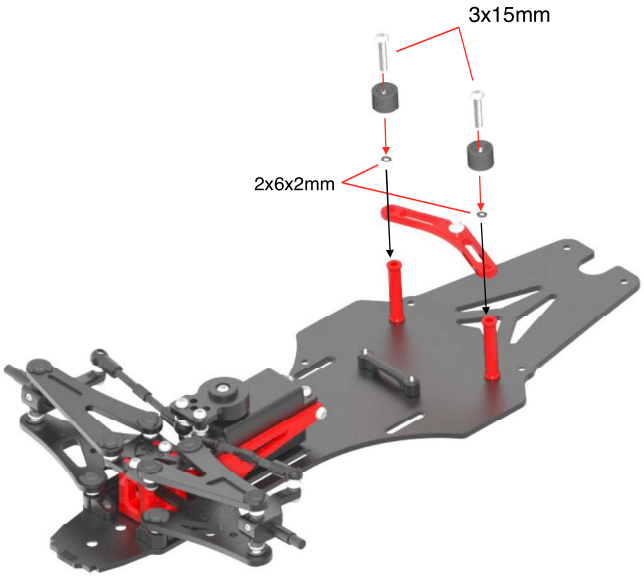


2X









BAG 10 REAR

BAG 10 CONTENT

1X
MCH181

1X - -
MCH182

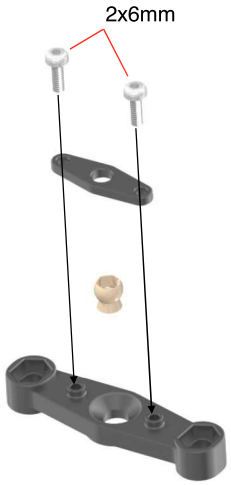
2X - -
MCH170

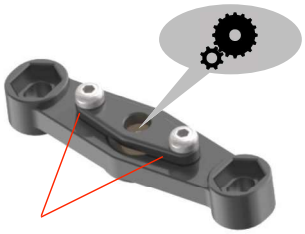
3X - -
MCH172
3x0.5mm all. shim

2X - -
2x6mm

1X - -
MCH213
3x6mm

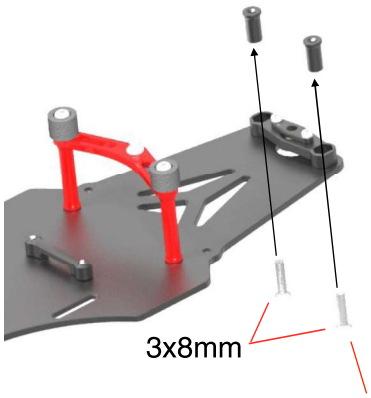
2X - -
MCH214
3x8mm



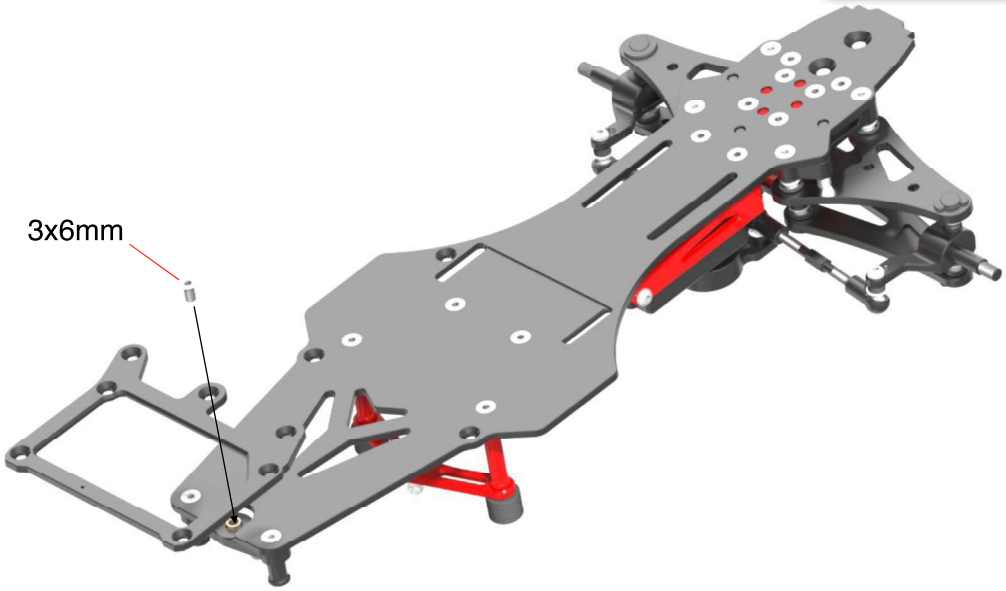


Not over tighten -
uniball must be free





Don't tighten this screws! They will be tightened in a next step



BAG 11 REAR

BAG 11 CONTENT

4X - - MCH219 3x5mm

9X - - MCH213 3x6mm

4X - - *MCH182*

4X - - 2x5mm

2X - - MCH214 3x8mm

4X - - MCH207 3x8mm

2X - - MCH153 alum. spring register

2X - - MCH180 (EXTRA BAG)

1X - - MCH175 (EXTRA BAG) alum. uniball

1X -

MCH167

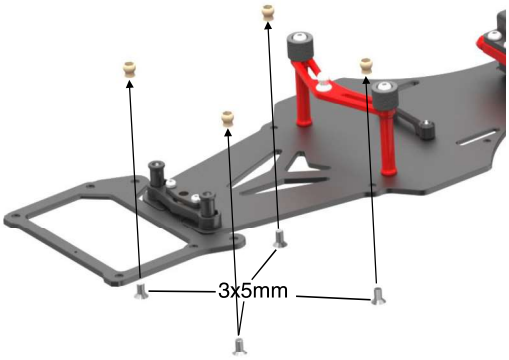
MCH166

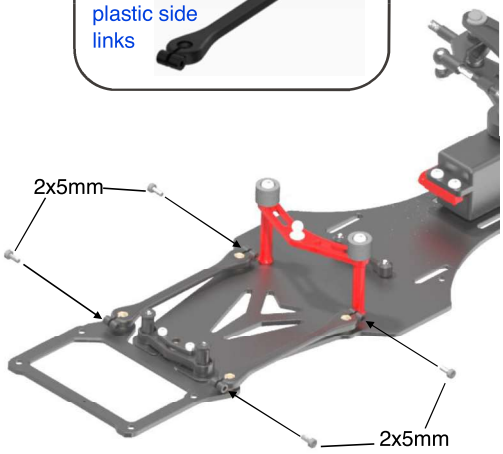
MCH152

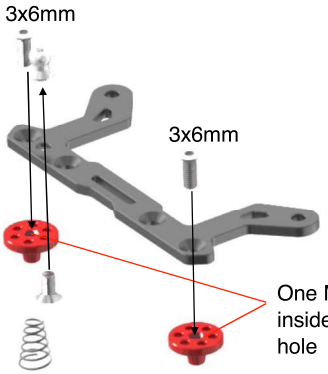
MCH149

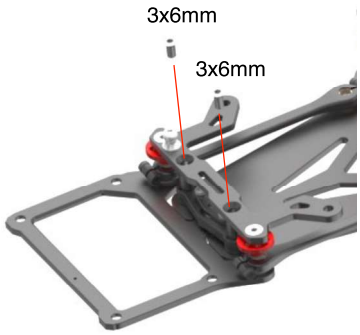
MCH024

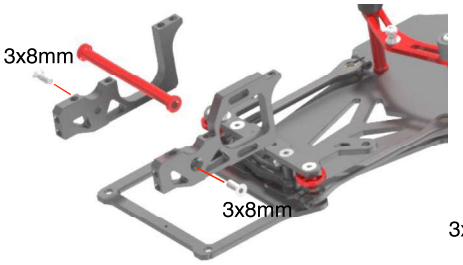
2X - - MCH181 plastic side links



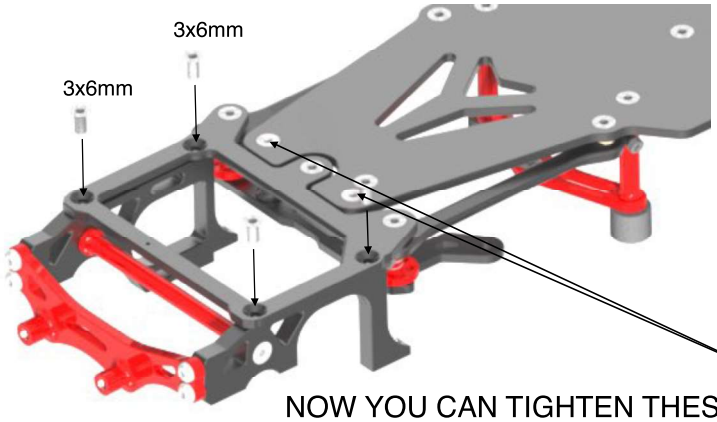










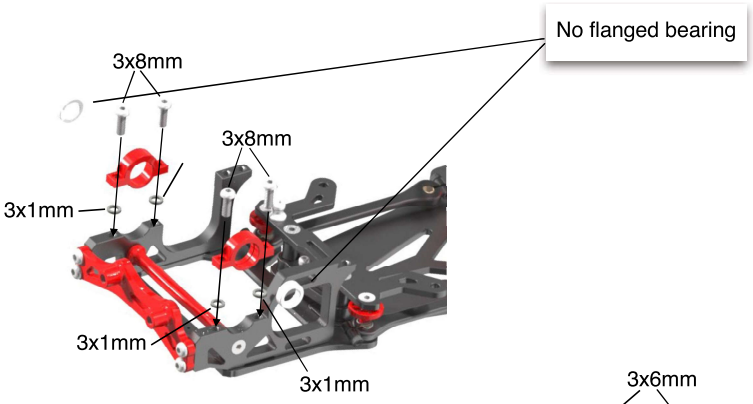


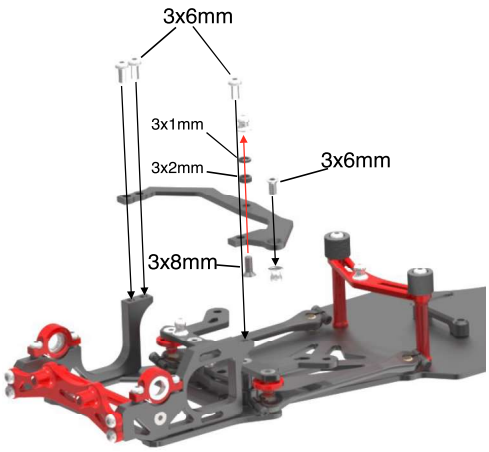
NOW YOU CAN TIGHTEN THESE 2 SCREWS !

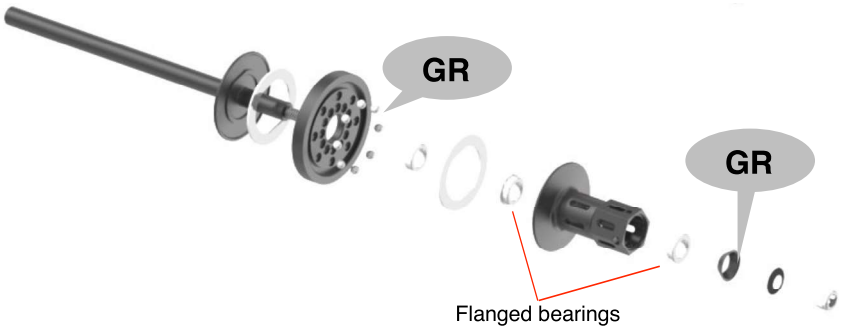
BAG 12 REAR

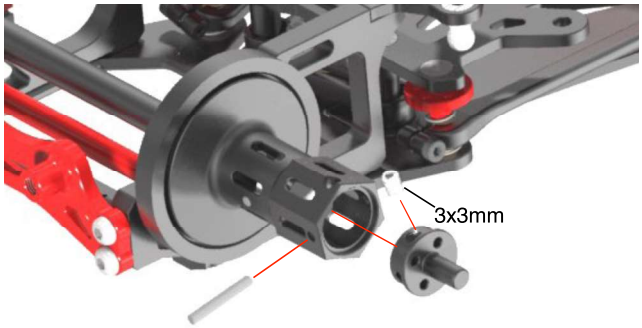
BAG 12 CONTENT

- 4X - - MCH207 — 3x8mm
- 3X - - MCH206 — 3x6mm
- 1X - - MCH213 — 3x6mm
- 1X - - MCH214 — 3x8mm
- 2X - - MCH175 (EXTRA BAG) — alum. uniball
- 1X - - MCH174 — 3x2mm alum. shim
- 5X - - MCH171 — 3x1mm alum. shim
- 3X - - MCH201 — bearing 1/4x3/8
- 2X - - MCH202 — fl.bearing 1/4x3/8
- 1X - - MCH210 — 3x3mm
- 1X - - MCH204 — 4mm
- 1X - - MCH150 — steel pin
- 1X - - MCH140 (EXTRA BAG) — elastic cone spring
- 1X - - MCH141 — diff. cone
- 1X - - MCH144
- 2X - - MCH157









- 1X MCH142
- 1X MCH143
- 1X MCH177 94T (EXTRA BAG)
- 2X MCH146
- 12X MCH178 diff.ball 1/8
- 1X MCH165

BAG 13 REAR

BAG 13 CONTENT

2X - -
MCH207 3x8mm



1X - -
MCH151

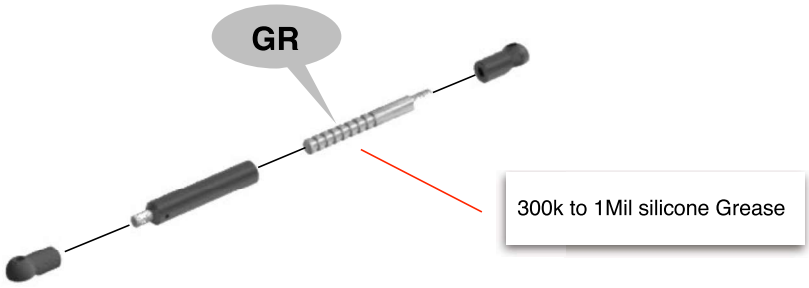


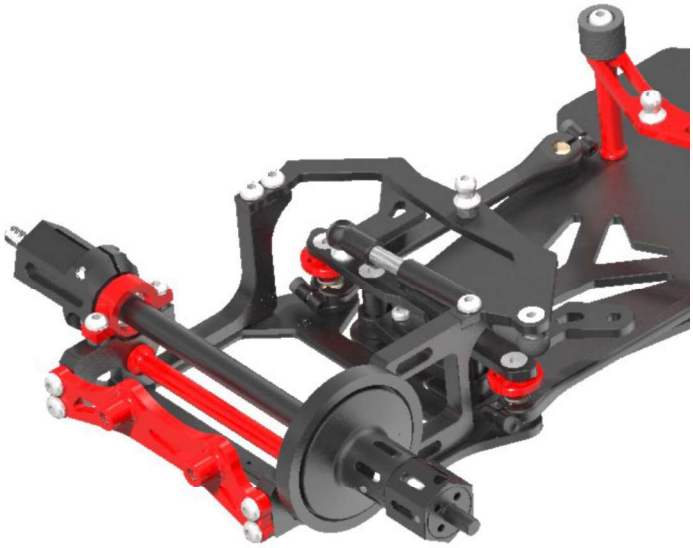
1X - -
MCH183



2X - -
MCH176
plastic uniball
(EXTRA BAG)







BAG 14 SHOCK ASSEMBLY

BAG 14 CONTENT



Already assembled from the factory Check the length as step 5

MCH186
(EXTRA BAG)



1



2



3



4



5



6

BAG 15

BAG 15 CONTENT

1X - - MCH213 — 3x6mm

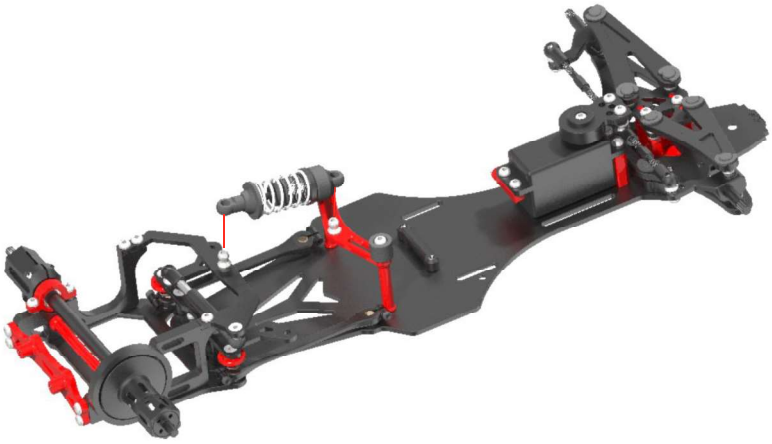
2X - - MCH207 — 3x8mm

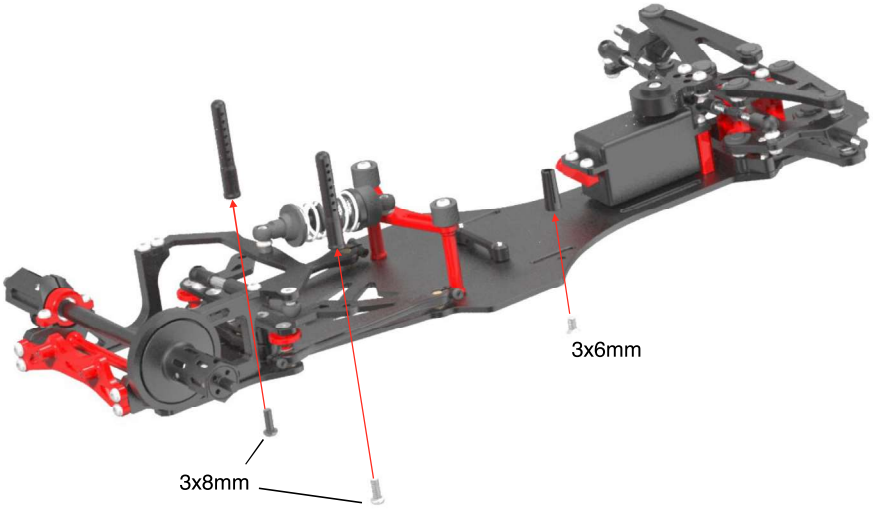
1X - - MCH184 — antenna mount

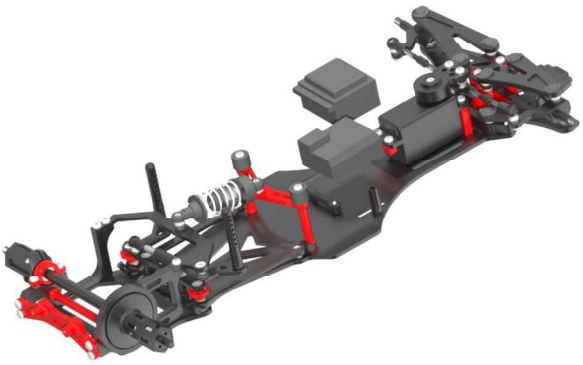
2X - - MCH184 — body post

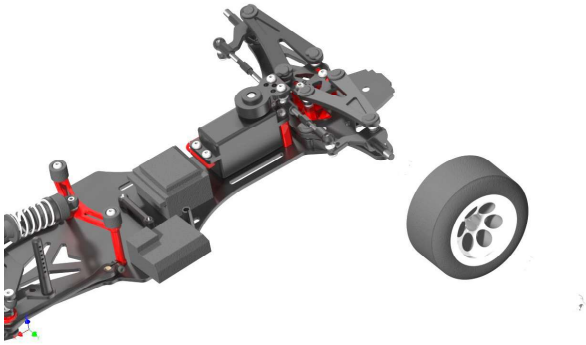
4X - - MCH203 — 4mm

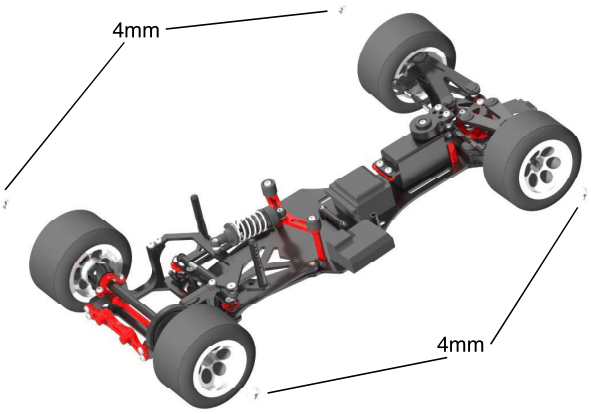
4X - - MCH200 — bearing 5x10x4











BAG 16

BAG 16 CONTENT

1X - -
MCH184
body post



2X - -
MCH217
4x18 flat screw



1X - -
MCH207
3x8mm



2X - -
MCH214
3x8mm



1X - -
MCH100
front wing stopper



6X - -
MCH220



3X - -
MCH221
(EXTRA BAG)
body post rubber oring



