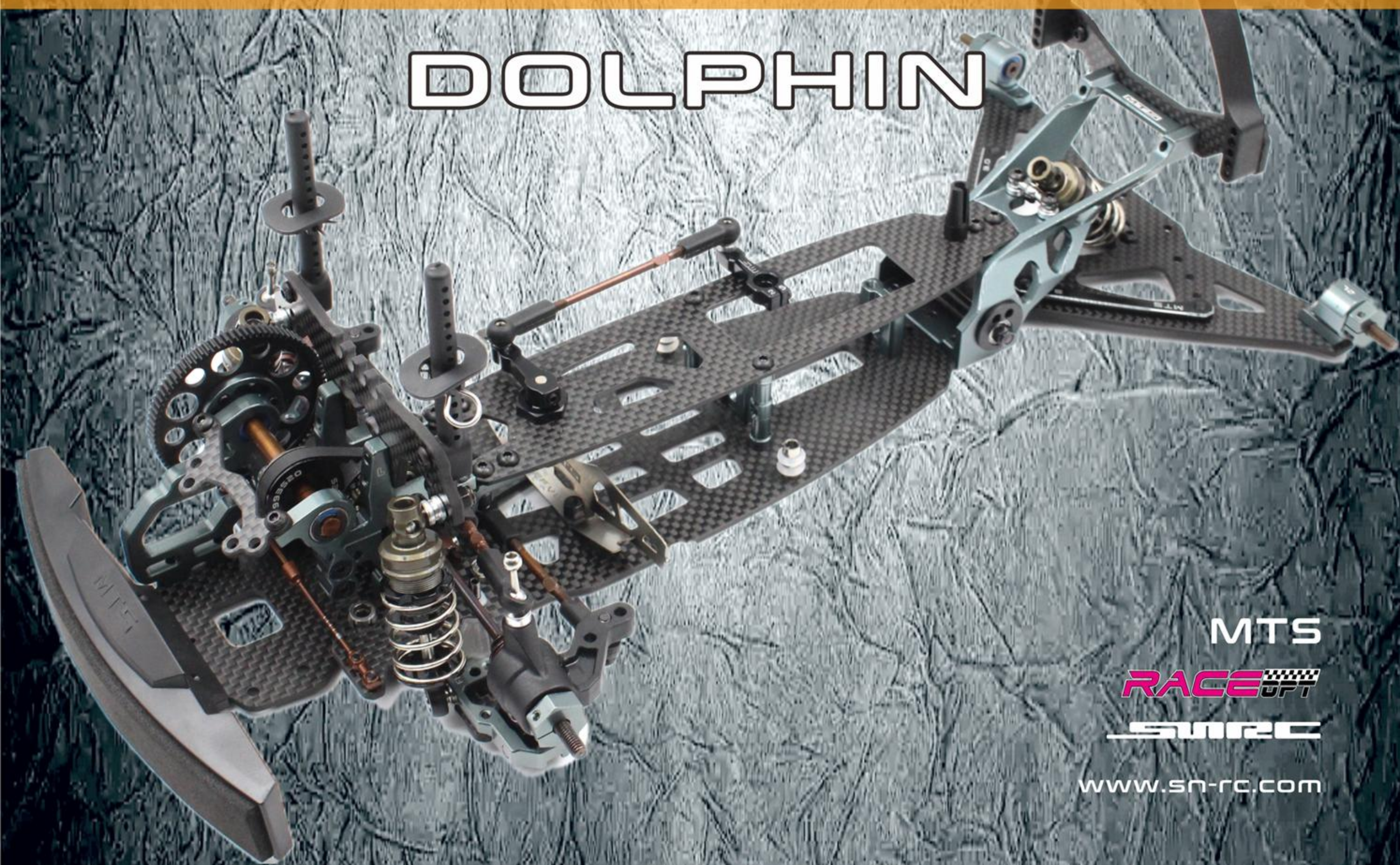


1/10 ELECTRIC 2WD CAR KIT

FFV4

DOLPHIN



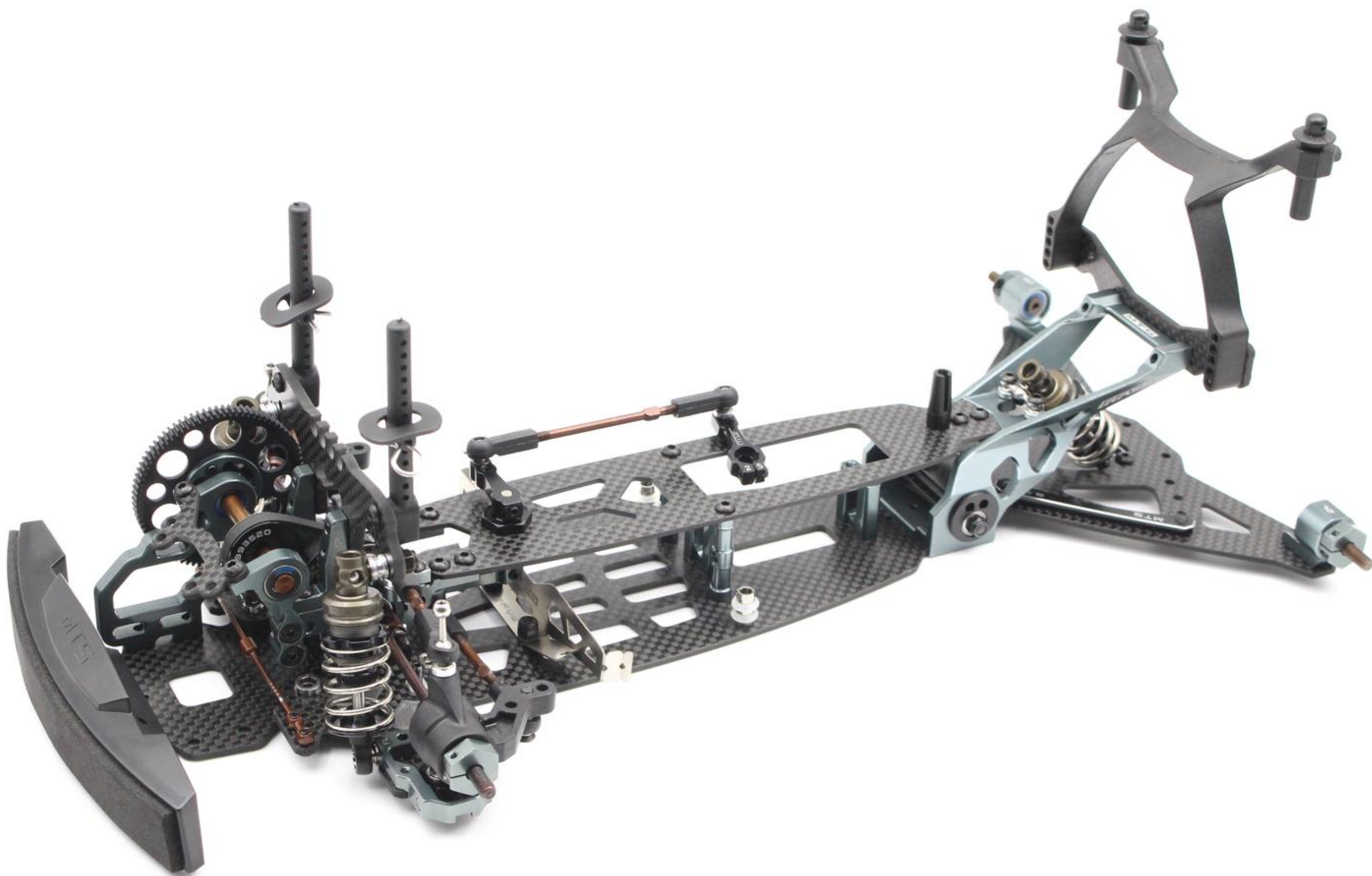
MTS

RACE^{OPT}

SNRC

www.sn-rc.com

FFV4 DOLPHIN

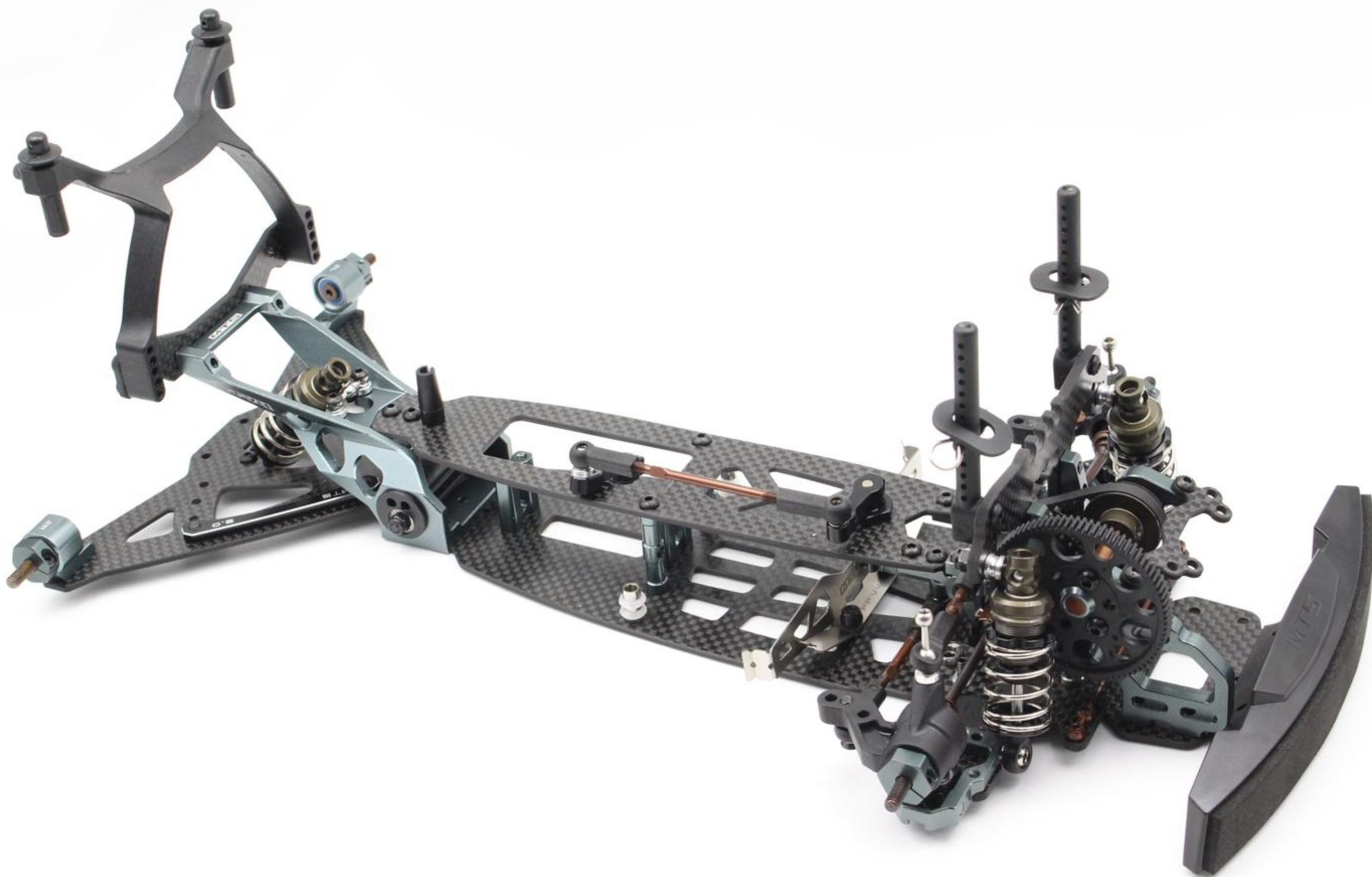


SWRC

RACE OPT

FFV4
DOLPHIN

FFV4 DOLPHIN

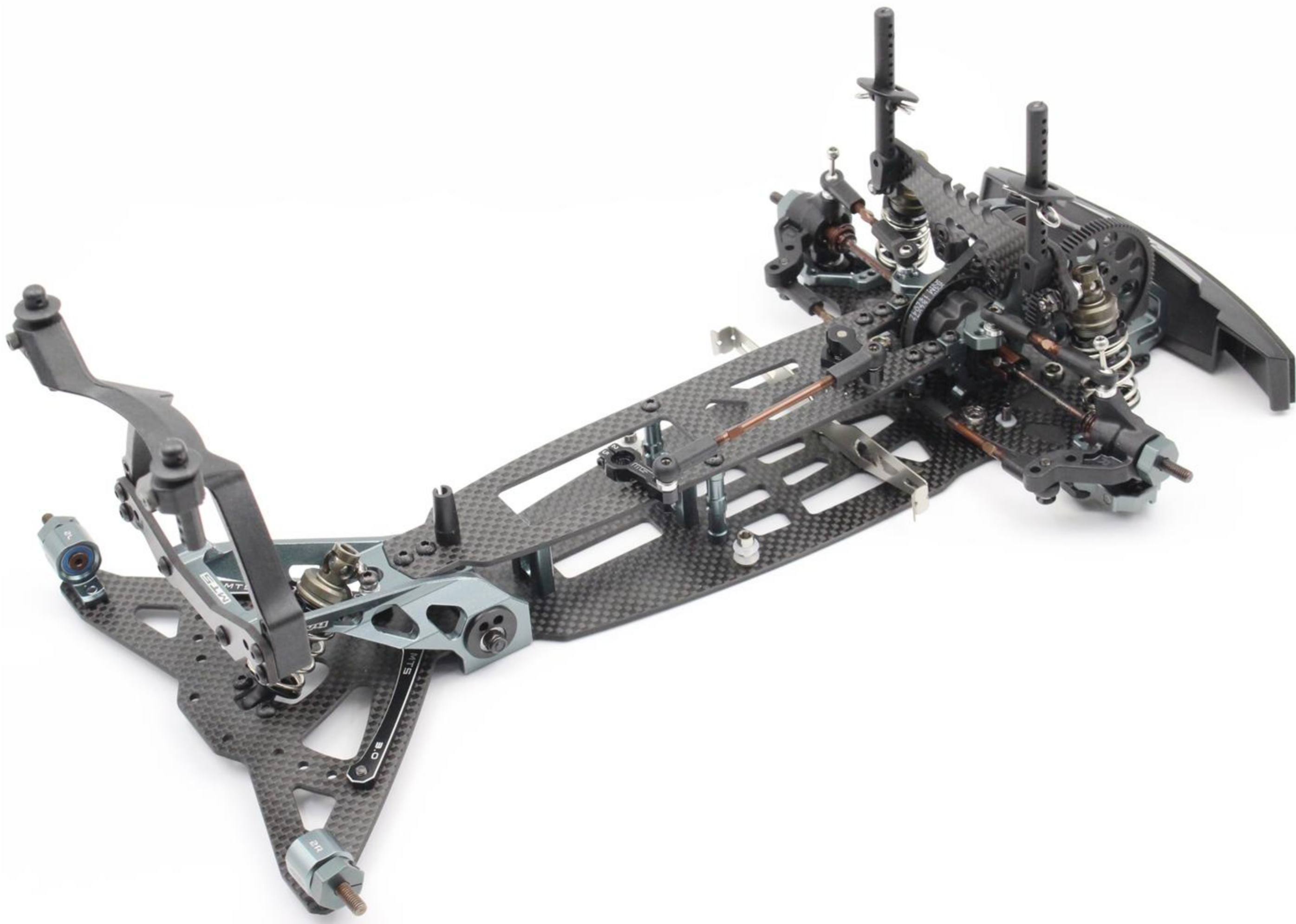


SWRC

RACE OPT

FFV4
DOLPHIN

FFV4 DOLPHIN

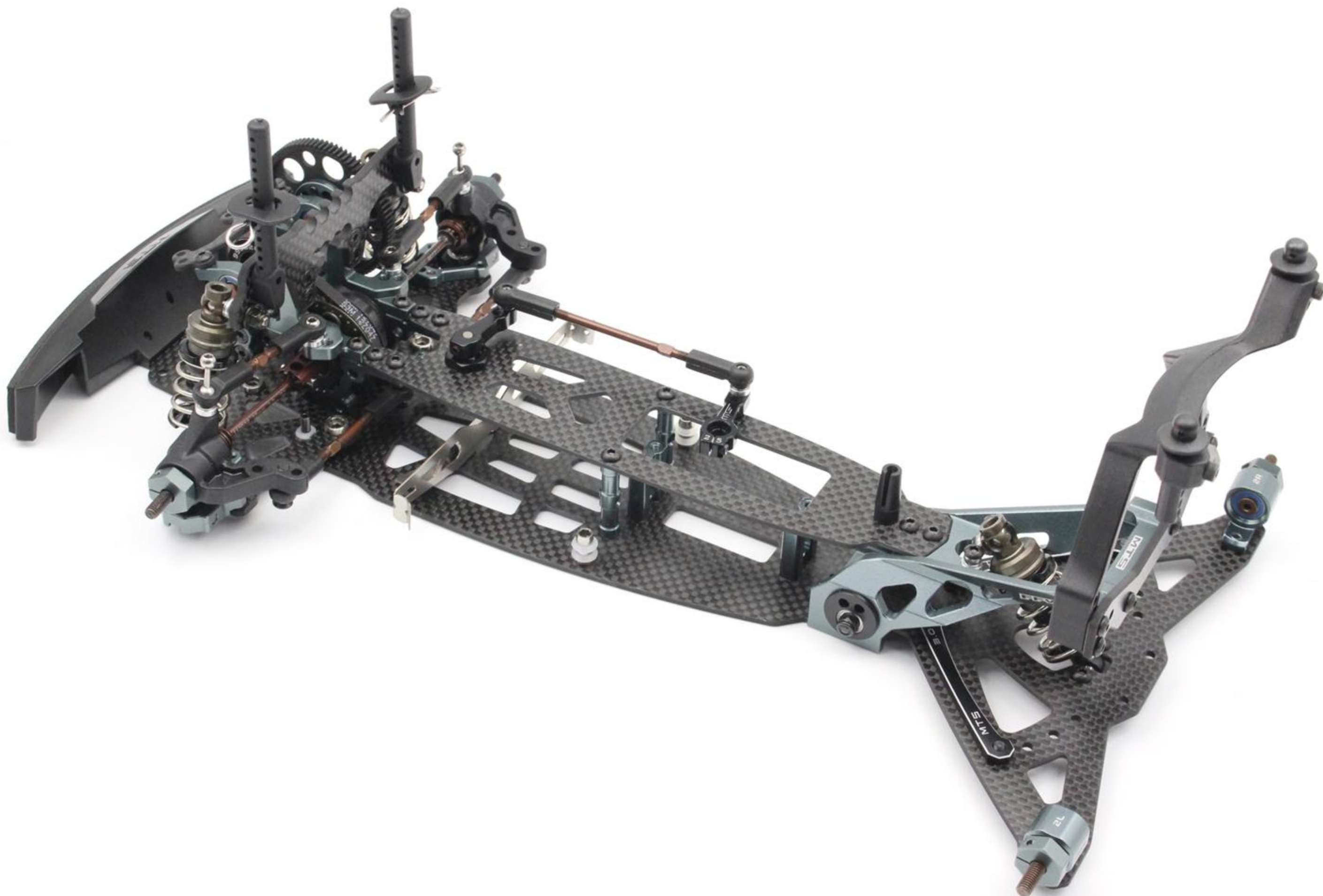


SWRC

RACE^{check}UP

FFV4
DOLPHIN

FFV4 DOLPHIN

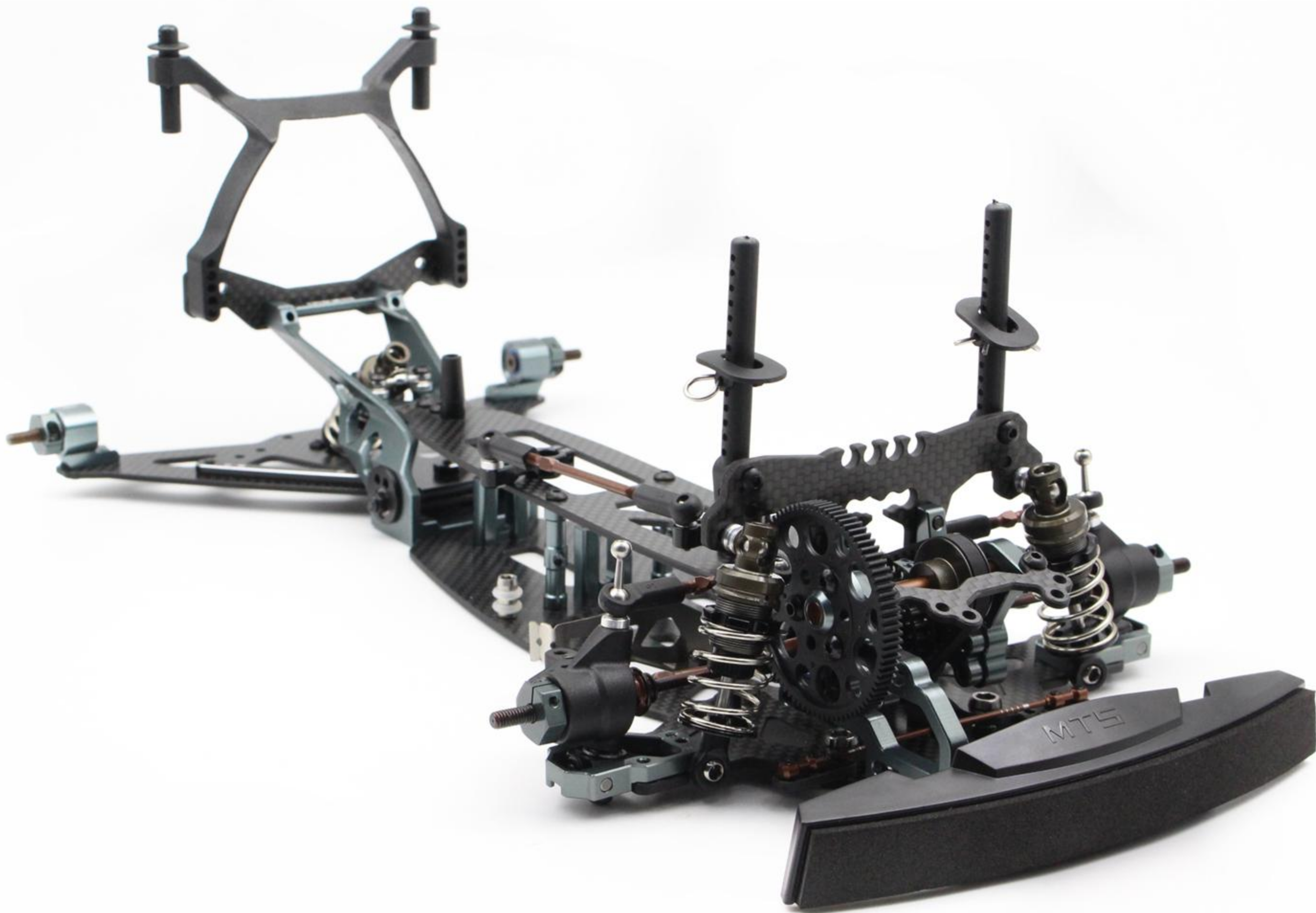


SWRC

RACE OPT

FFV4
DOLPHIN

FFV4 DOLPHIN

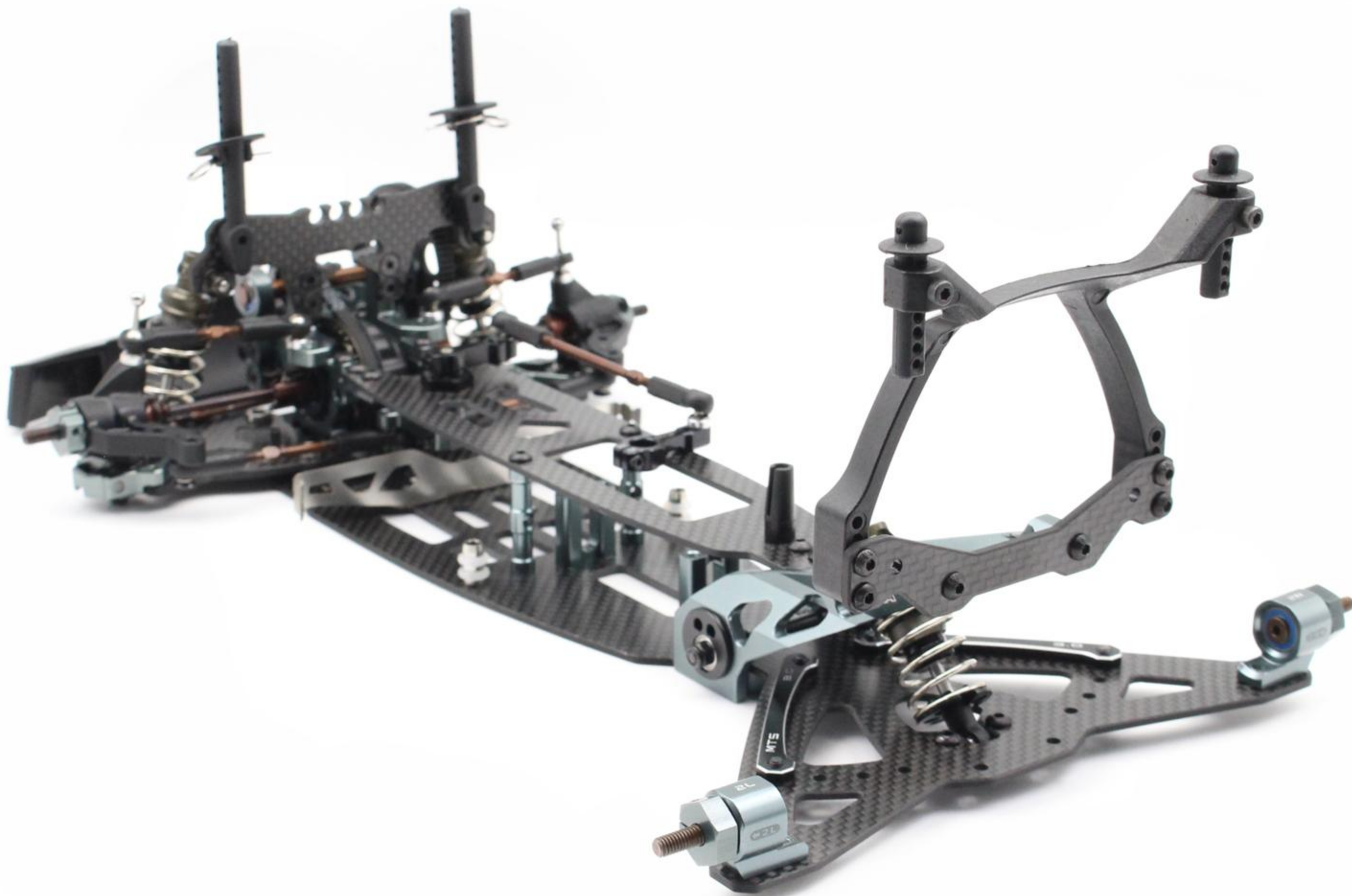


SWRC

RACE OPT

FFV4
DOLPHIN

FFV4 DOLPHIN

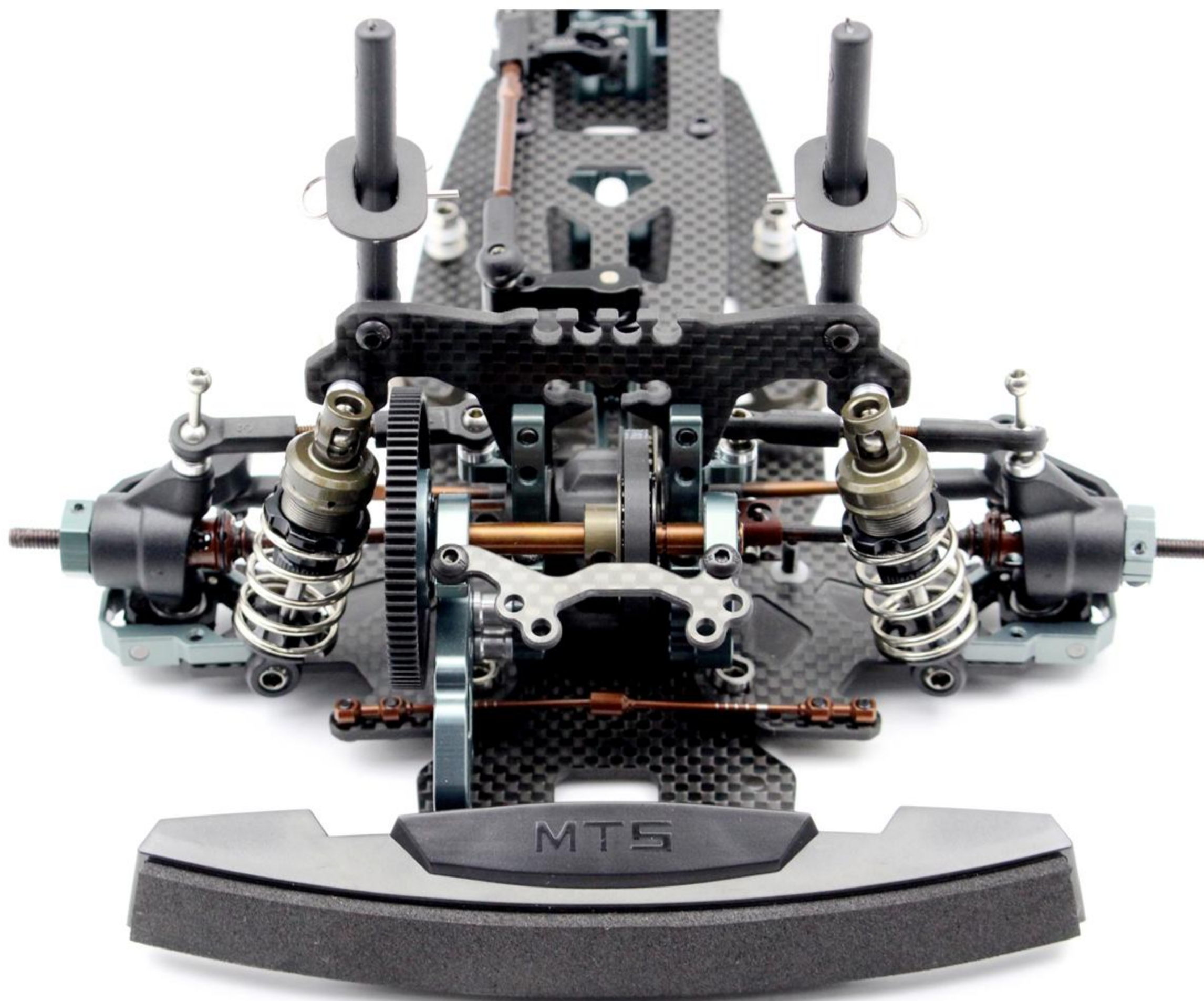


SWRC

RACE OPT

FFV4
DOLPHIN

FFV4 DOLPHIN

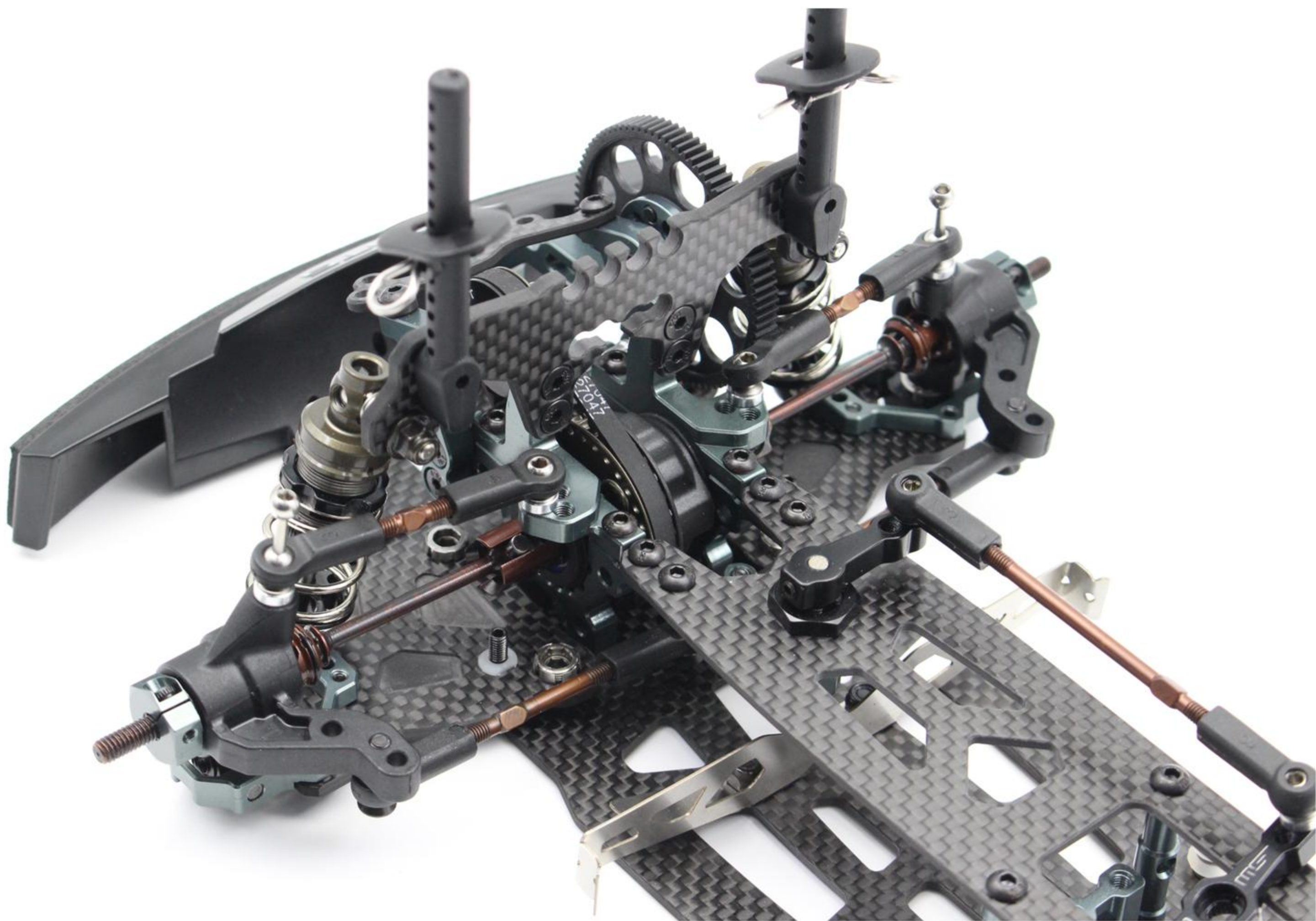


SWRC

RACE^{check}UP

FFV4
DOLPHIN

FFV4 DOLPHIN



SWRC

RACE OPT

FFV4
DOLPHIN

FFV4 DOLPHIN



SWRC

RACE^{OPT}

FFV4
DOLPHIN

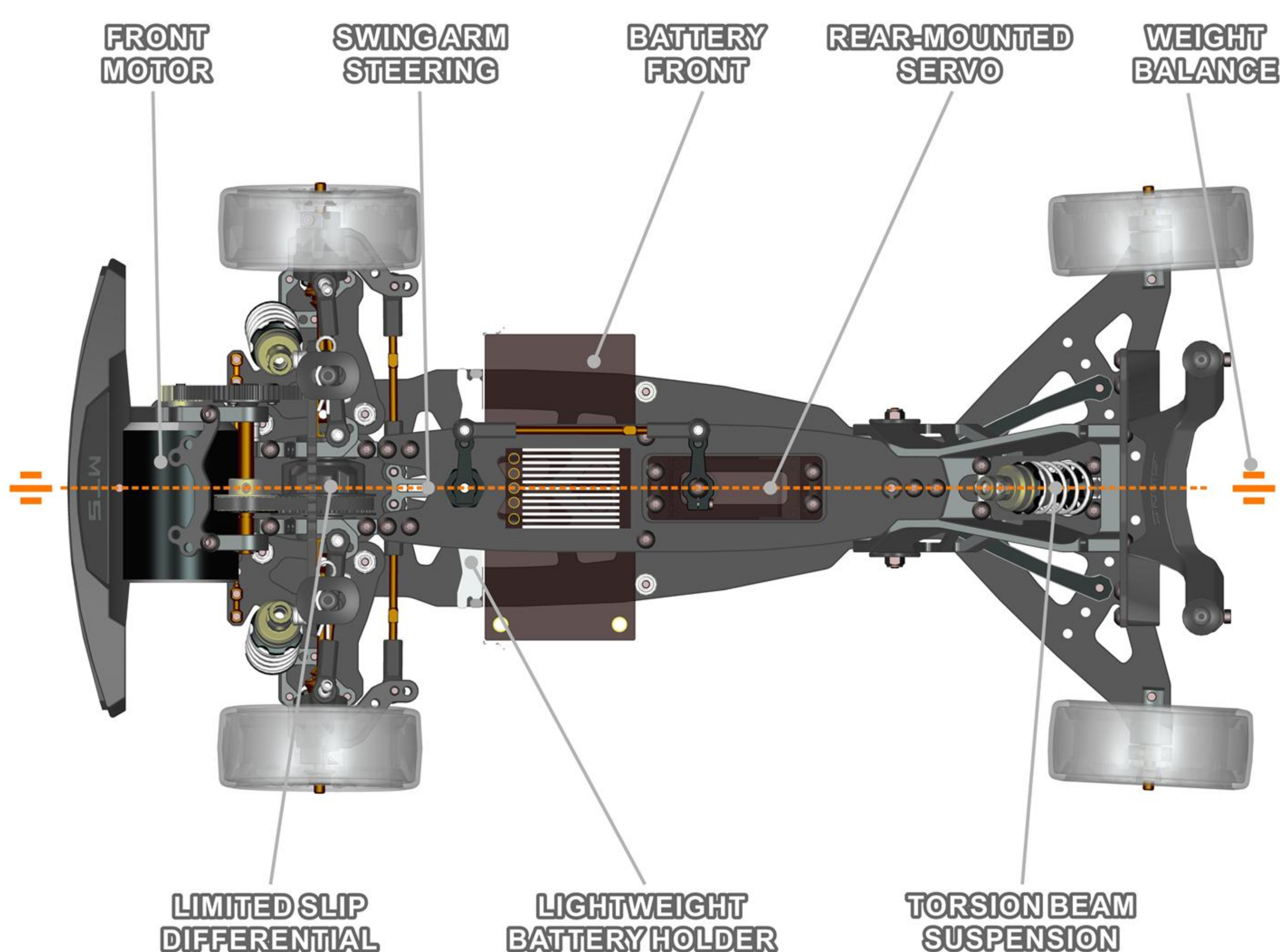
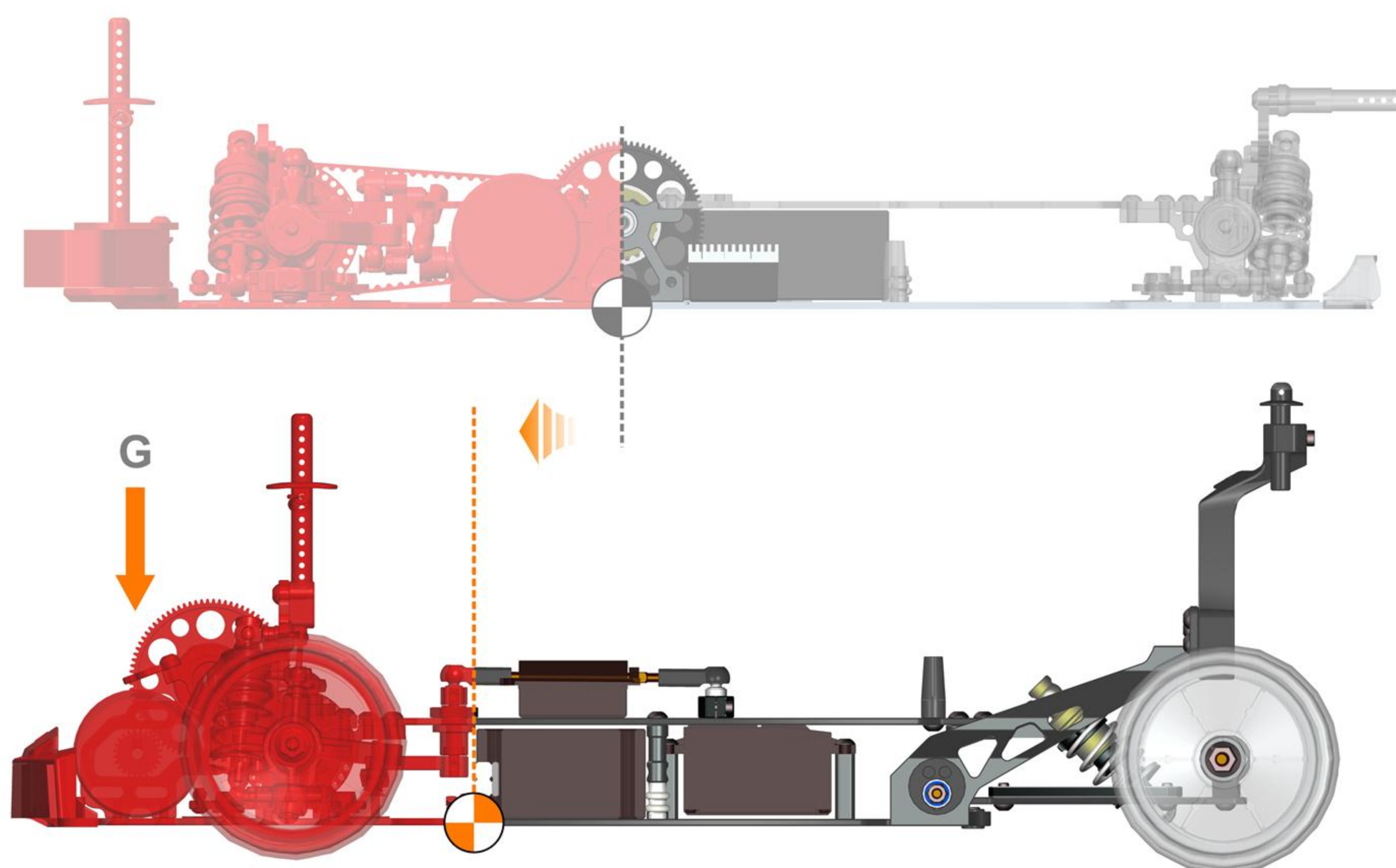
FFV4 DOLPHIN



SWRC

RACE OPT

FFV4
DOLPHIN



SURF

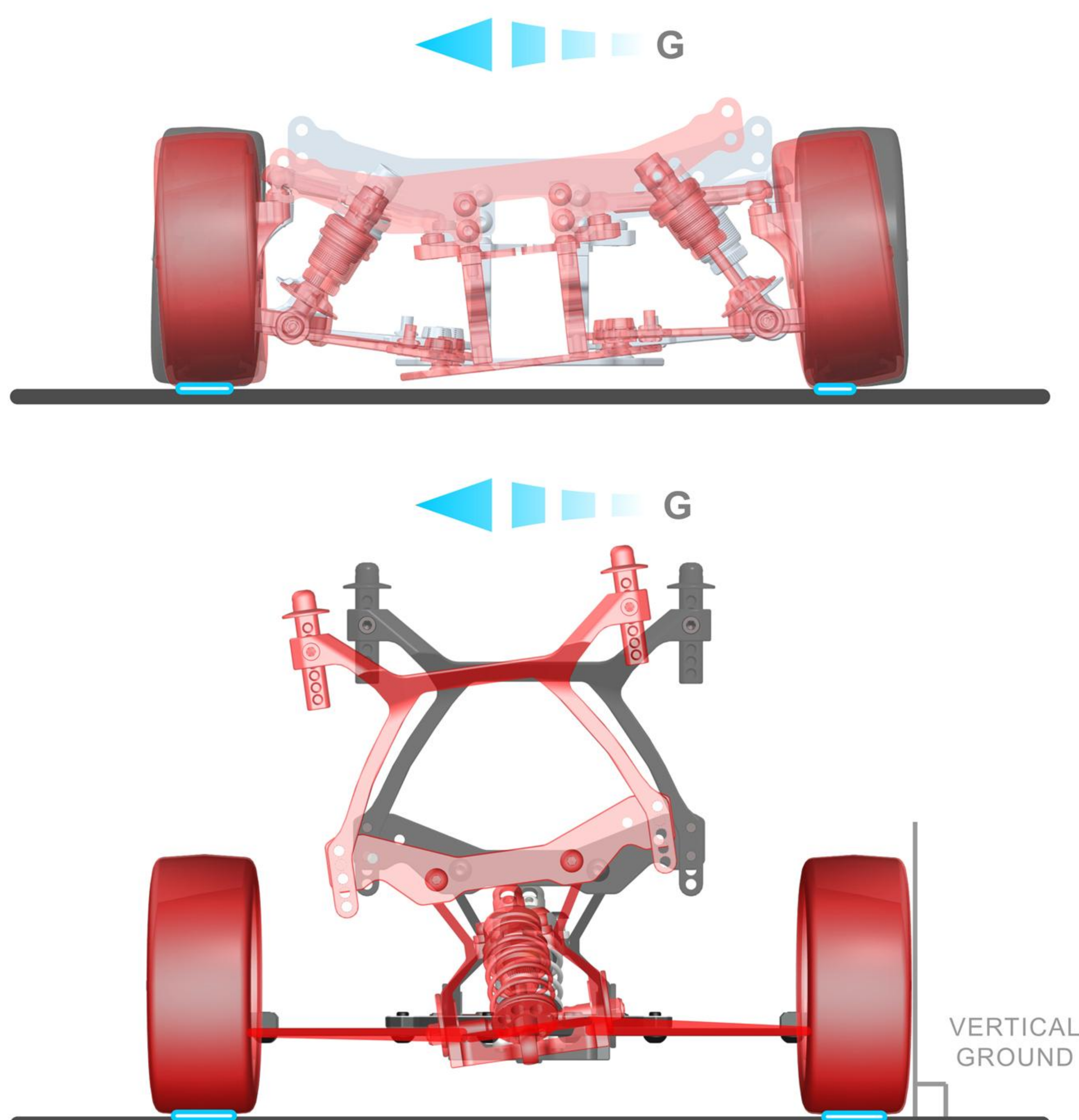
RACEUP

FFV4
DOLPHIN

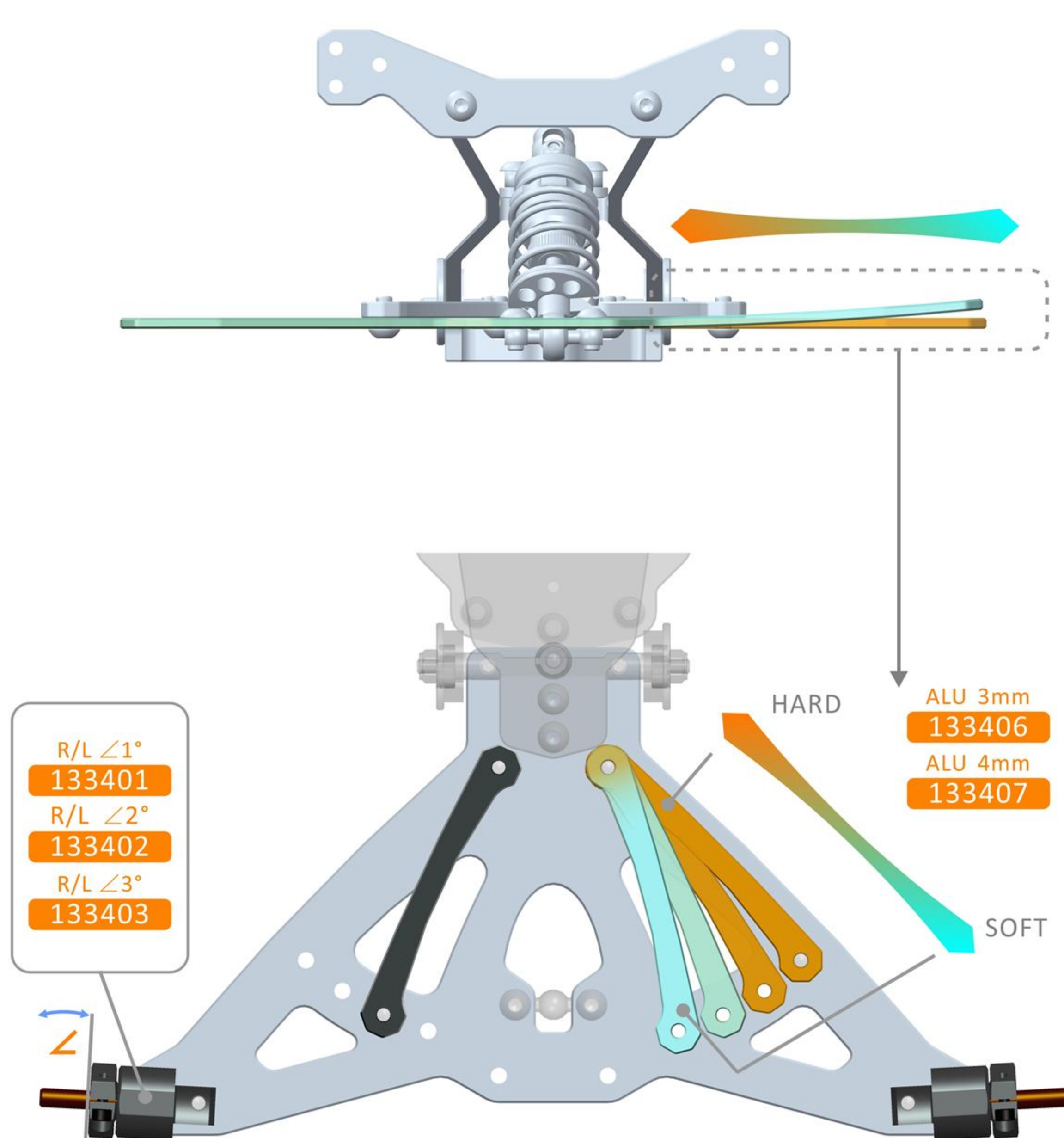
FRONT WHEEL DRIVE LAYOUT DESIGN

With a front wheel engine , mid-mounted steering, rear-mounted servo and forward-mounted battery design which lead to the overall center of gravity shifted significantly toward the drive shaft to increase the forward traction power directly. The chassis is perfect balance in the left and right side weights. It is equipped with the torsion beam rear suspension and limited slip differential.

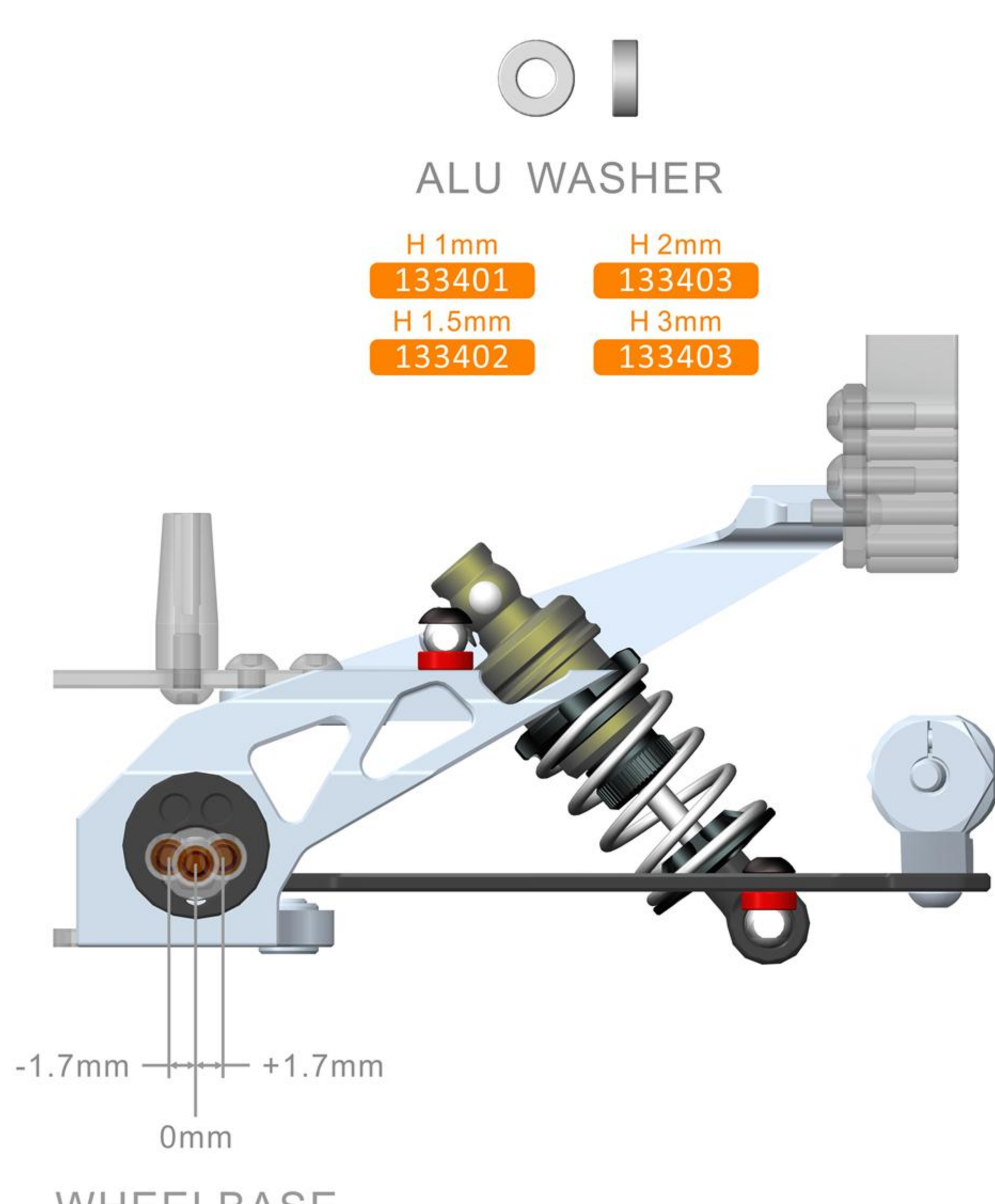
TORQUE BEAM REAR SUSPENSION SYSTEM



REAR TOE ANGLE SUSPENSION HARDNESS



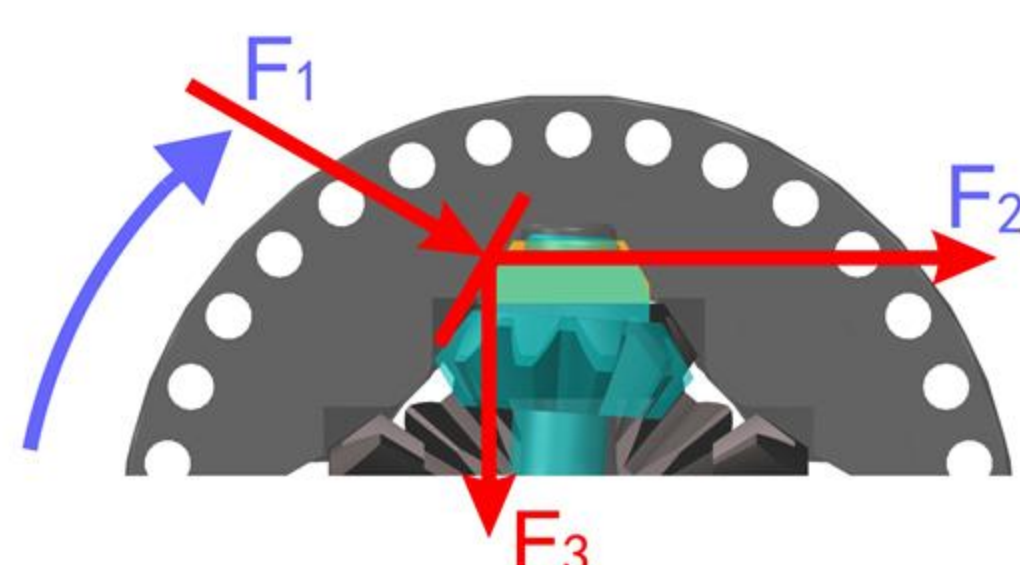
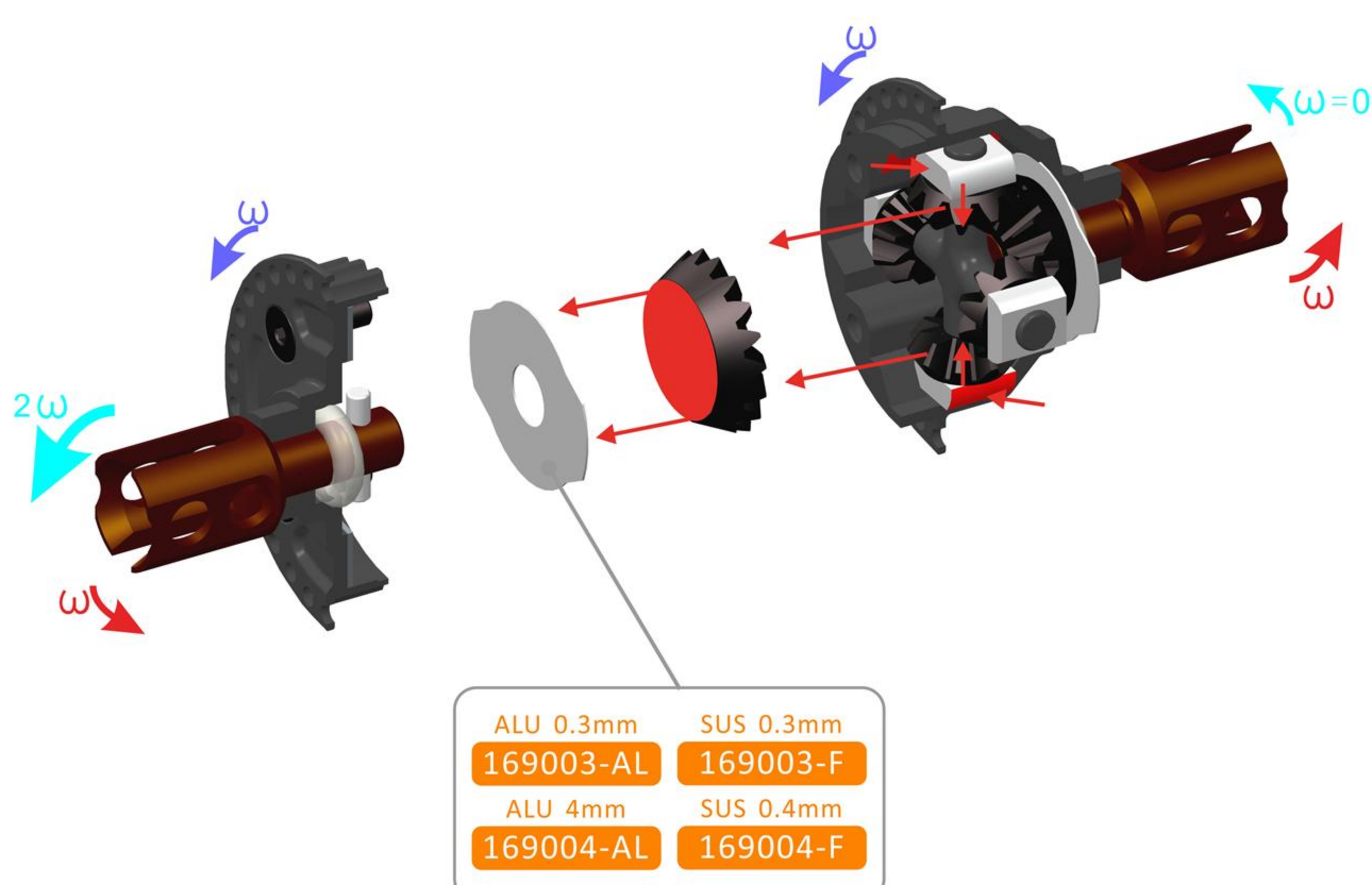
WHEELBASE ADJUSTMENT REAR SUSPENSION HEIGHT



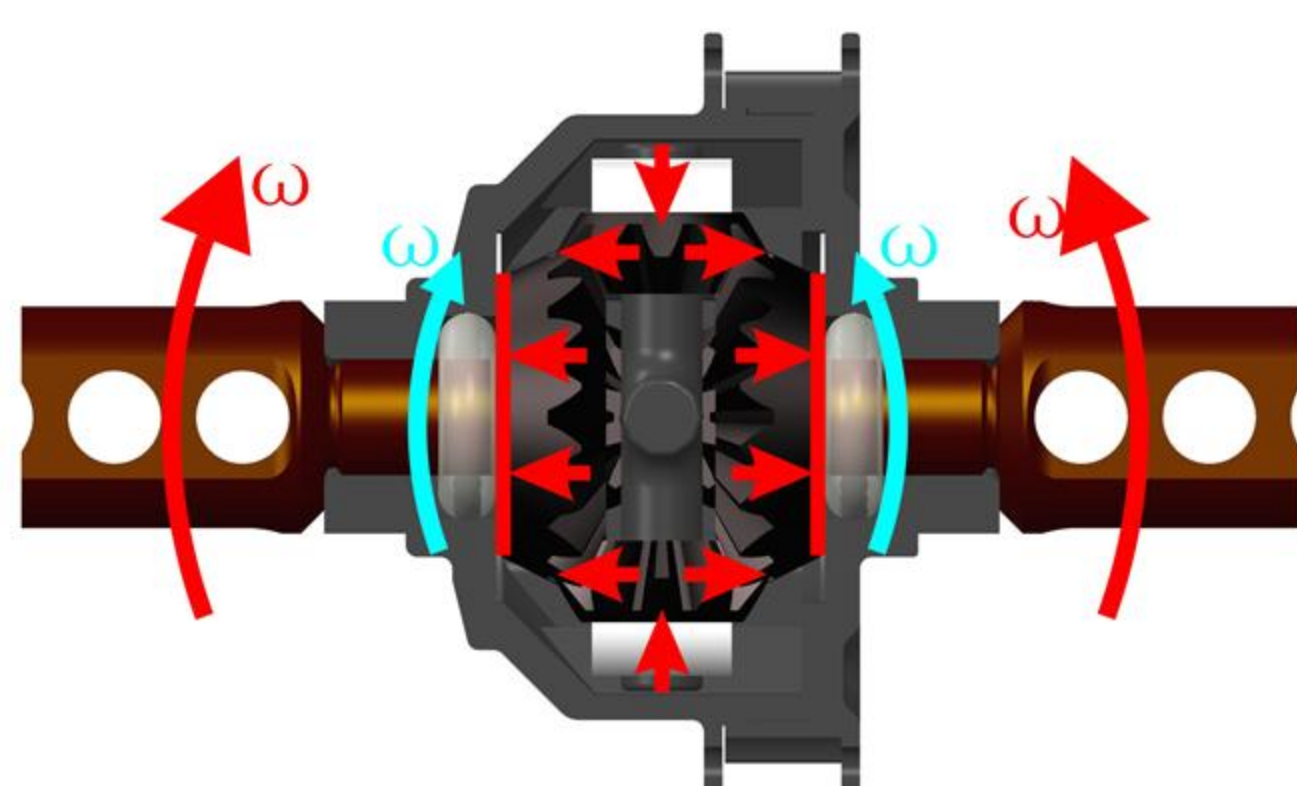
TORSION BEAM REAR SUSPENSION

The rear axle is a single shock absorber with torsion beam suspension which made of carbon fiber mater for excellent support to suppresses the vehicle rolling when turning, It keeps the rear wheels perpendicular to the ground to maximize the rear grip traction. The rear toe-in angle can be changed by replacing the rear wheel hub. The strengthen plate can adjust the torque beam hardness and the torque shaft bearing sleeve can adjust the torque shaft position.

LIMITED SLIP DIFFERENTIAL



SHELL PUSHES SLIDER
SLIDER PUSHES ASTEROID GEAR



SMALL GEAR SQUEEZES LARGE GEAR
CONTACTS FRICTION PLATE
LIMITS SPEED DIFFERENCE

SURF

RACEOFF

FFV4
DOLPHIN

LIMITED SLIP DIFFERENTIAL

FFV4 use the new generation limited slip differential to suppress the internal and external speed difference when turning which reduce power loss in corners and improve the acceleration when come out the corner. CNC lightweight steel planetary gears can maximize the consistency of limited slip effects. It includes Thickness and Material different plate for selection to vary the limited slip effect.

LIMITED SLIP DIFFERENTIAL

993514-32-44

14T

44T

993516-32-45

16T

45T

993518-32-46

18T

46T

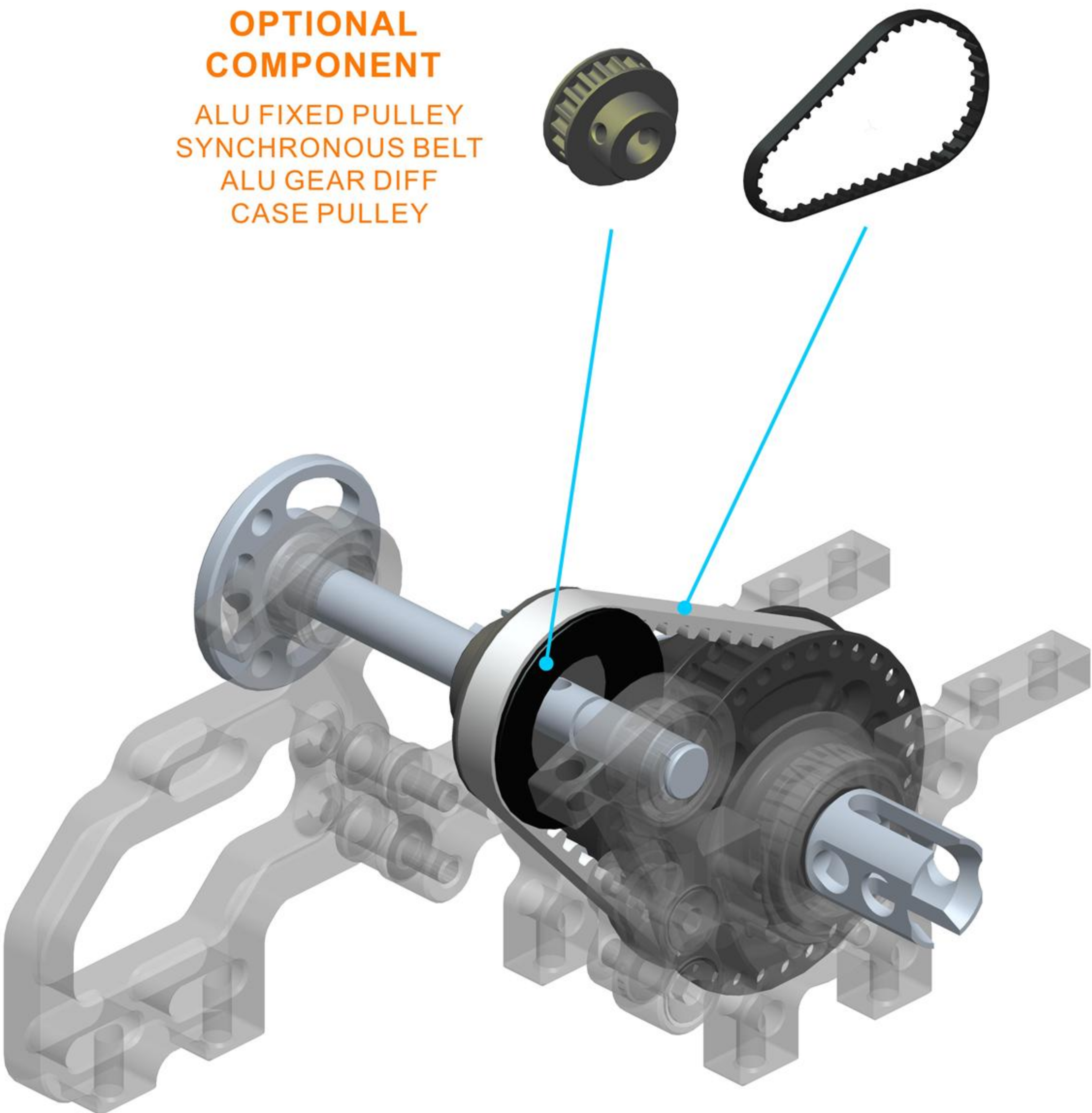
993520-32-47

20T

47T

OPTIONAL
COMPONENT

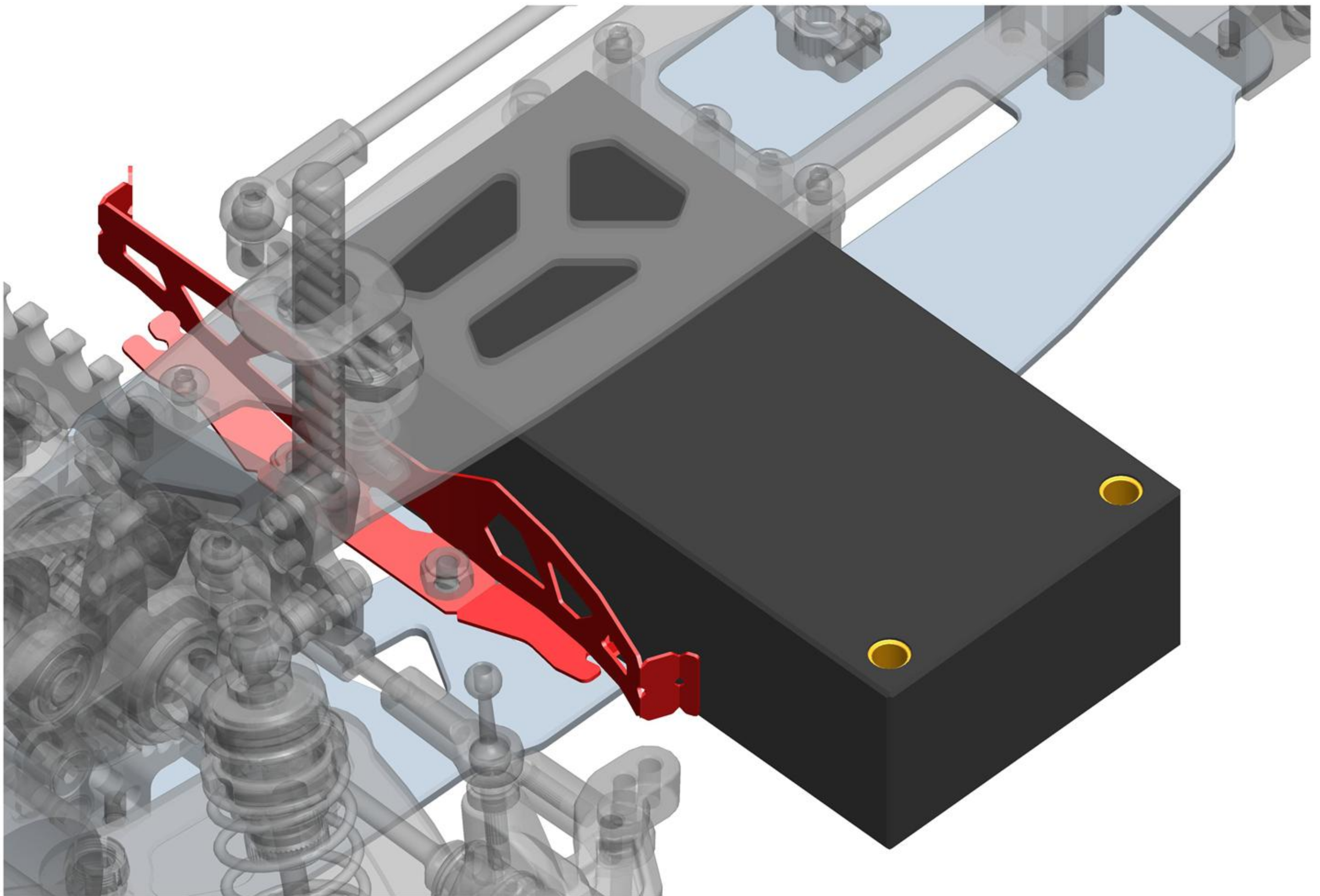
ALU FIXED PULLEY
SYNCHRONOUS BELT
ALU GEAR DIFF
CASE PULLEY



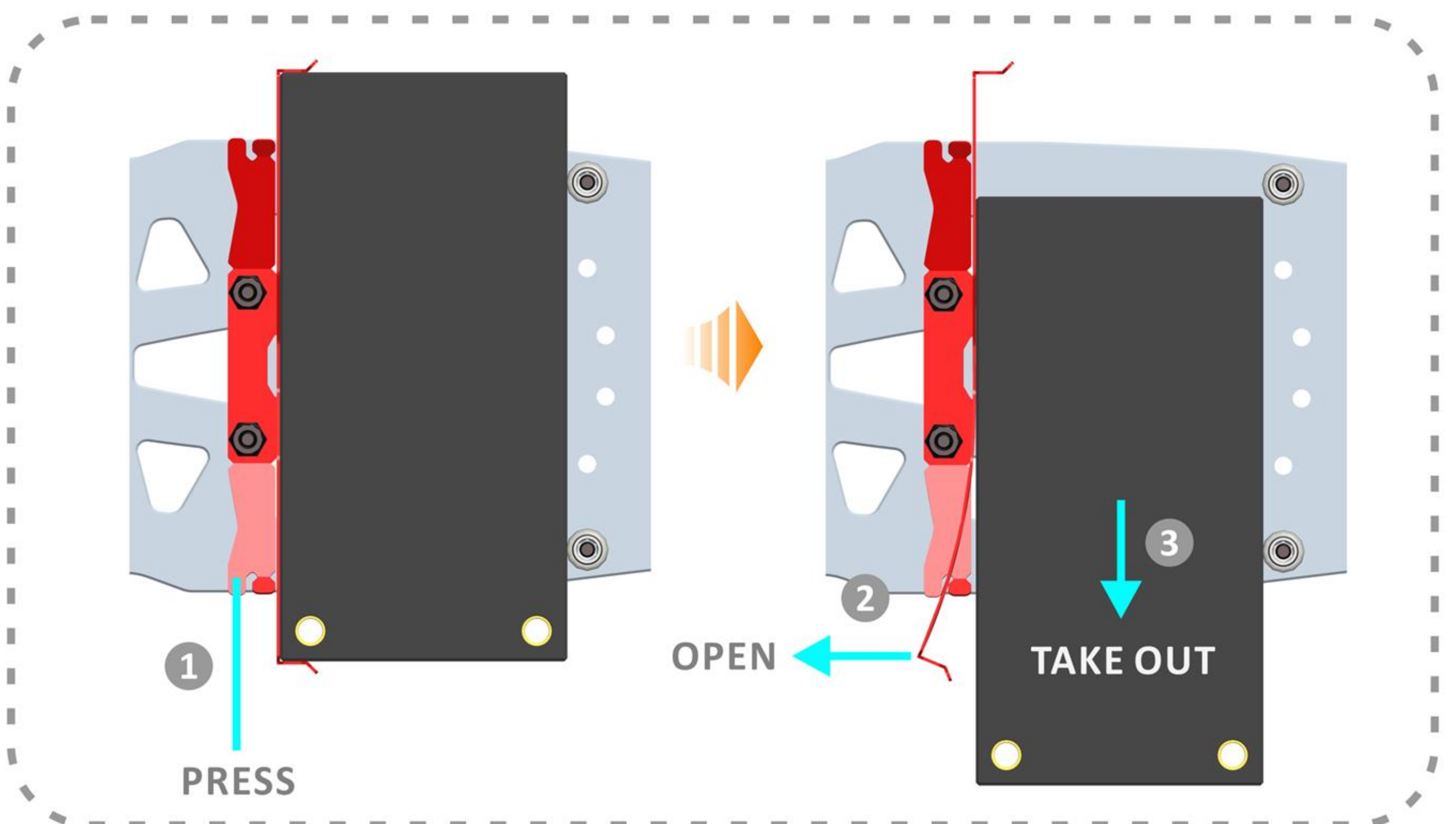
VARIABLE GEAR RATIO BELT DRIVE

The FFV4 adopts the simplify transmission structure with two-stage variable speed belt transmission. It installs with a flexible belt providing power buffering. The transmission pulley is made of aluminum alloy through the high precision CNC to have the best concentricity, The gear teeth surface is made of hard oxidation and coating with better reliability. The transmission ratio can be changed through different gear teeth pulley.

INTEGRATED LIGHTWEIGHT BATTERY HOLDER



*AN ALL-IN-ONE-SHAPED
LIGHTWEIGHT STRUCTURE
QUICK DETACHABLE DESIGN*



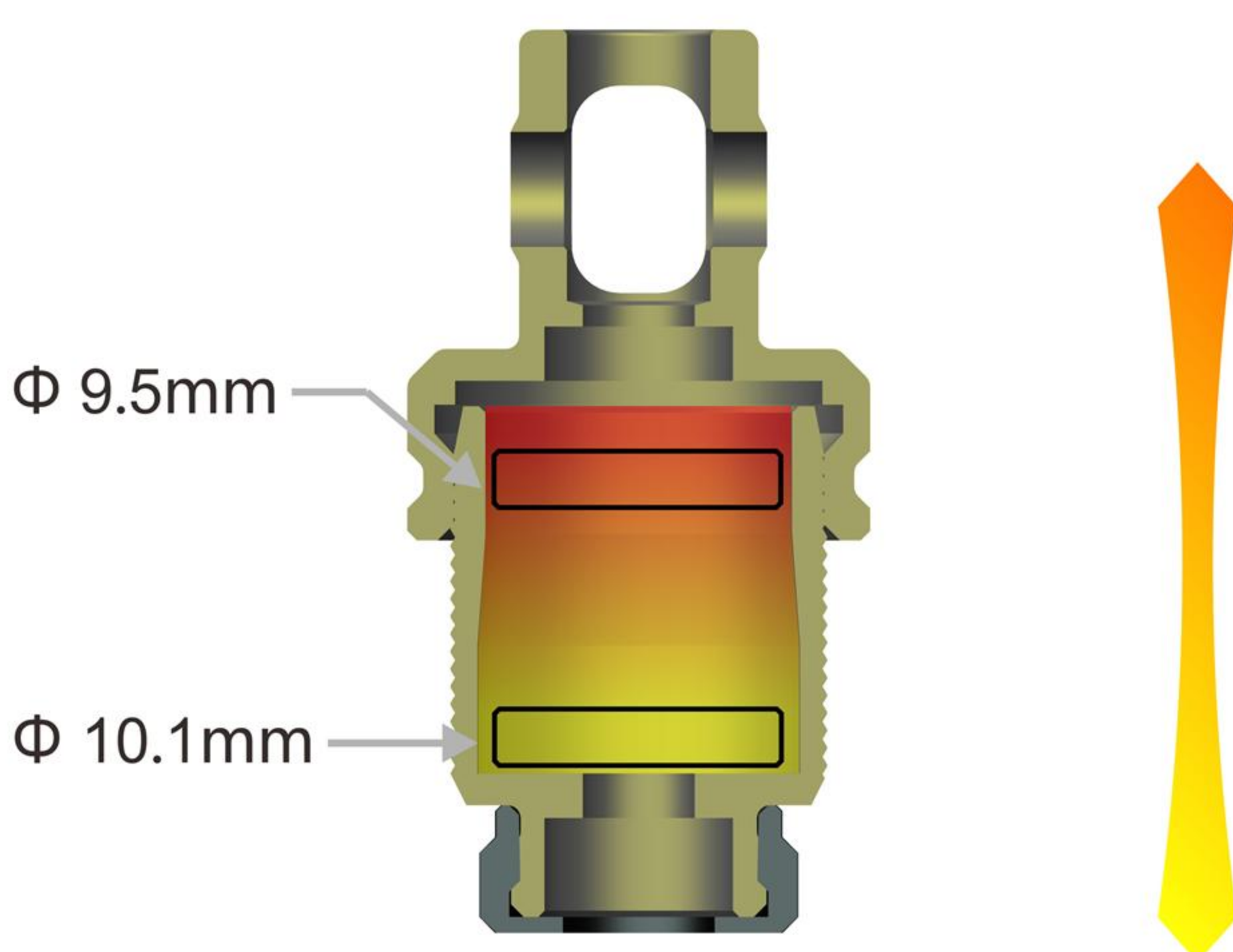
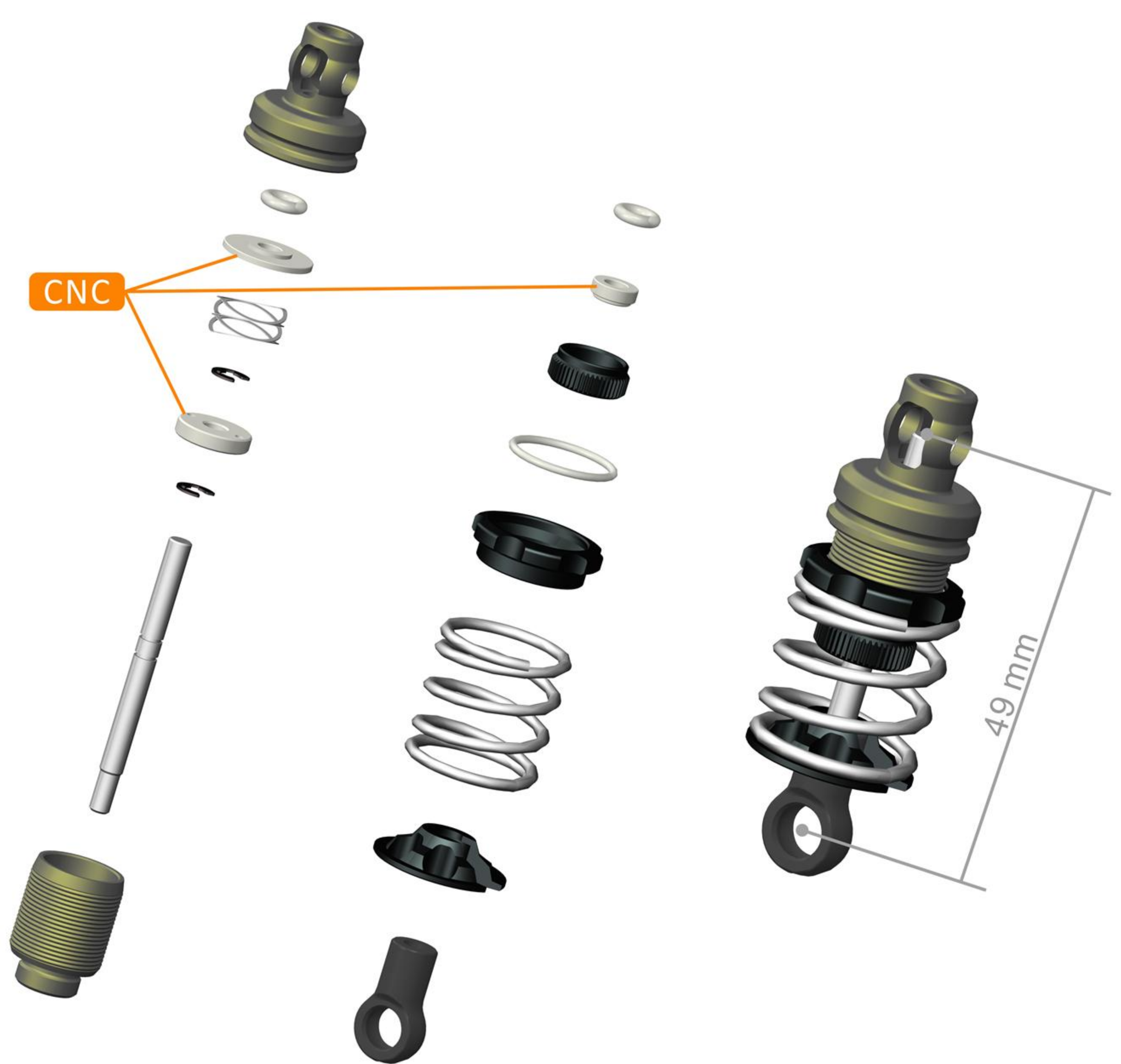
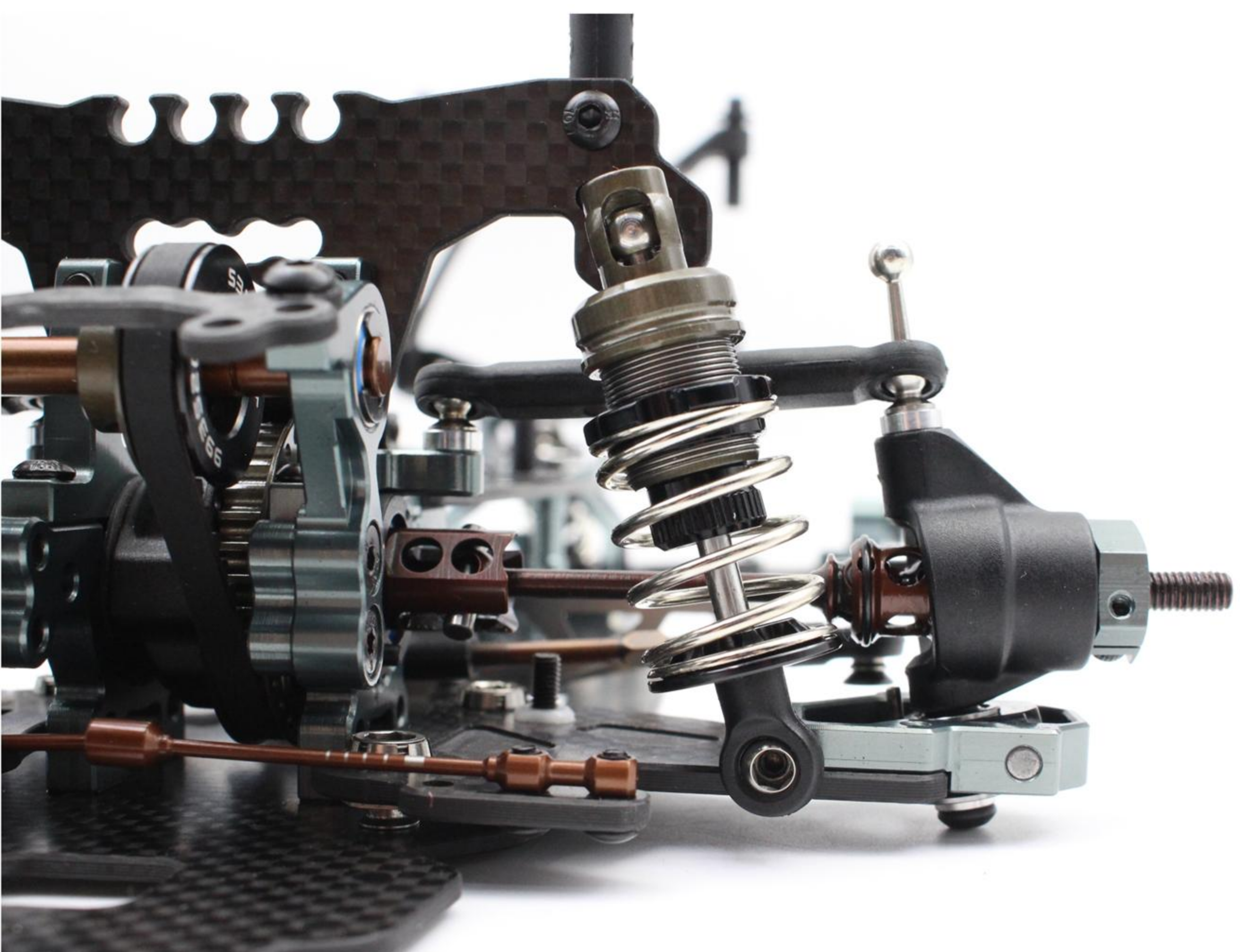
SURC

RACE OPT

FFV4
DOLPHIN

EASY LOCK BATTERY MOUNT

The brand new easy lock battery mount features an lightweight An all-in-one-shaped that allows for quick install or remove the battery with just one hand.



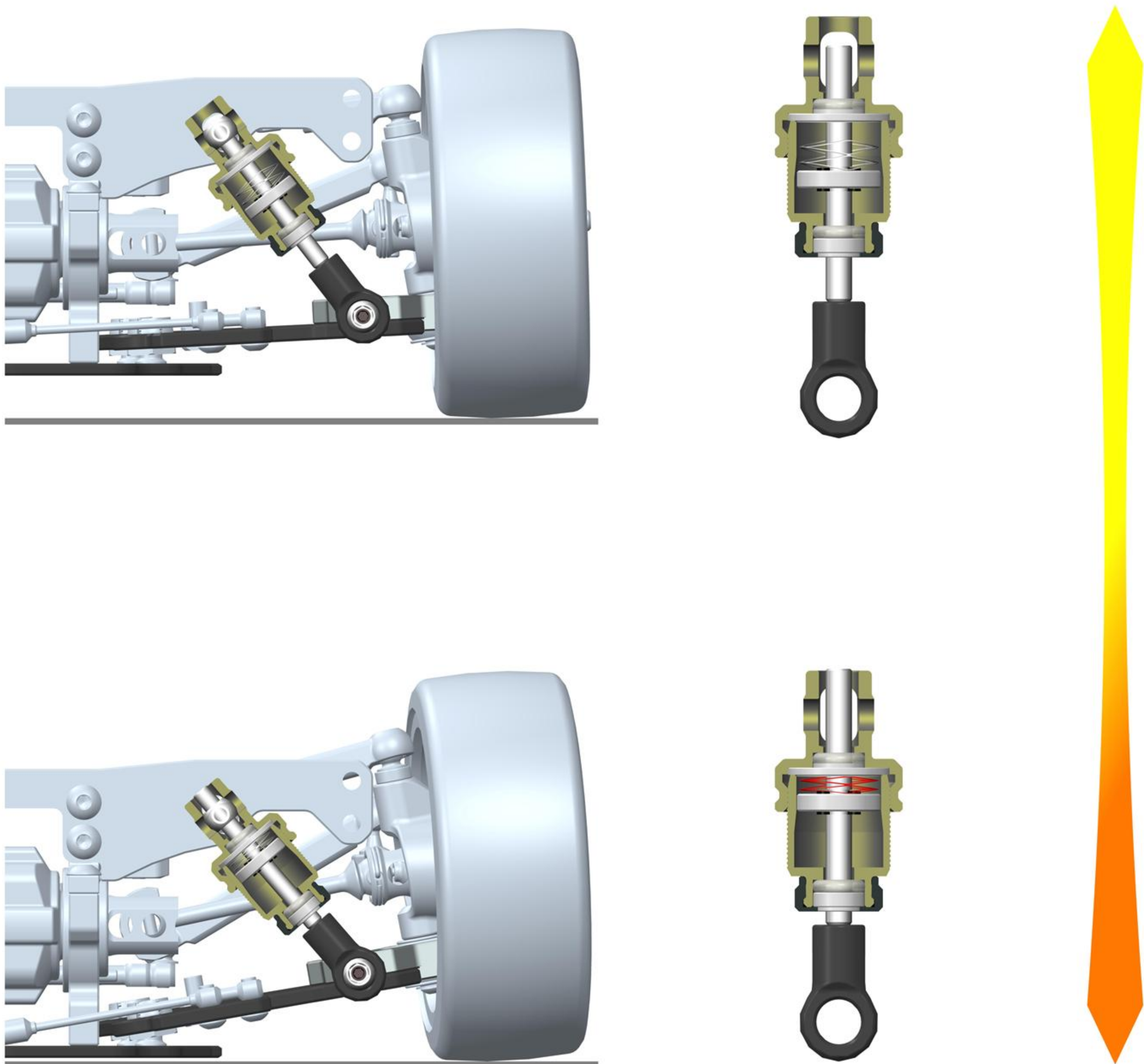
SURC

RACE

FFV4
DOLPHIN

SHORTER REDUCE AIR SHOCK DAMPER

The upgrade air shock (RAS) damper is 49mm in length. The shock body is made up of Aluminium material with hard coating inside for better strength and increase the smoothness in piston movement. Tapered shock absorbers can provide small damping to absorb vibration in the first stage and large damping to reduce roll in the second stage. CNC machining piston and shaft spacer to improve concentricity.



129022
0.2x5x4x9.5

129023
0.3x5x4x9.5

129032
0.2x6.5x5x9.5

129033
0.3x6.5x5x9.5

129042
0.2x7.5x6x9.5

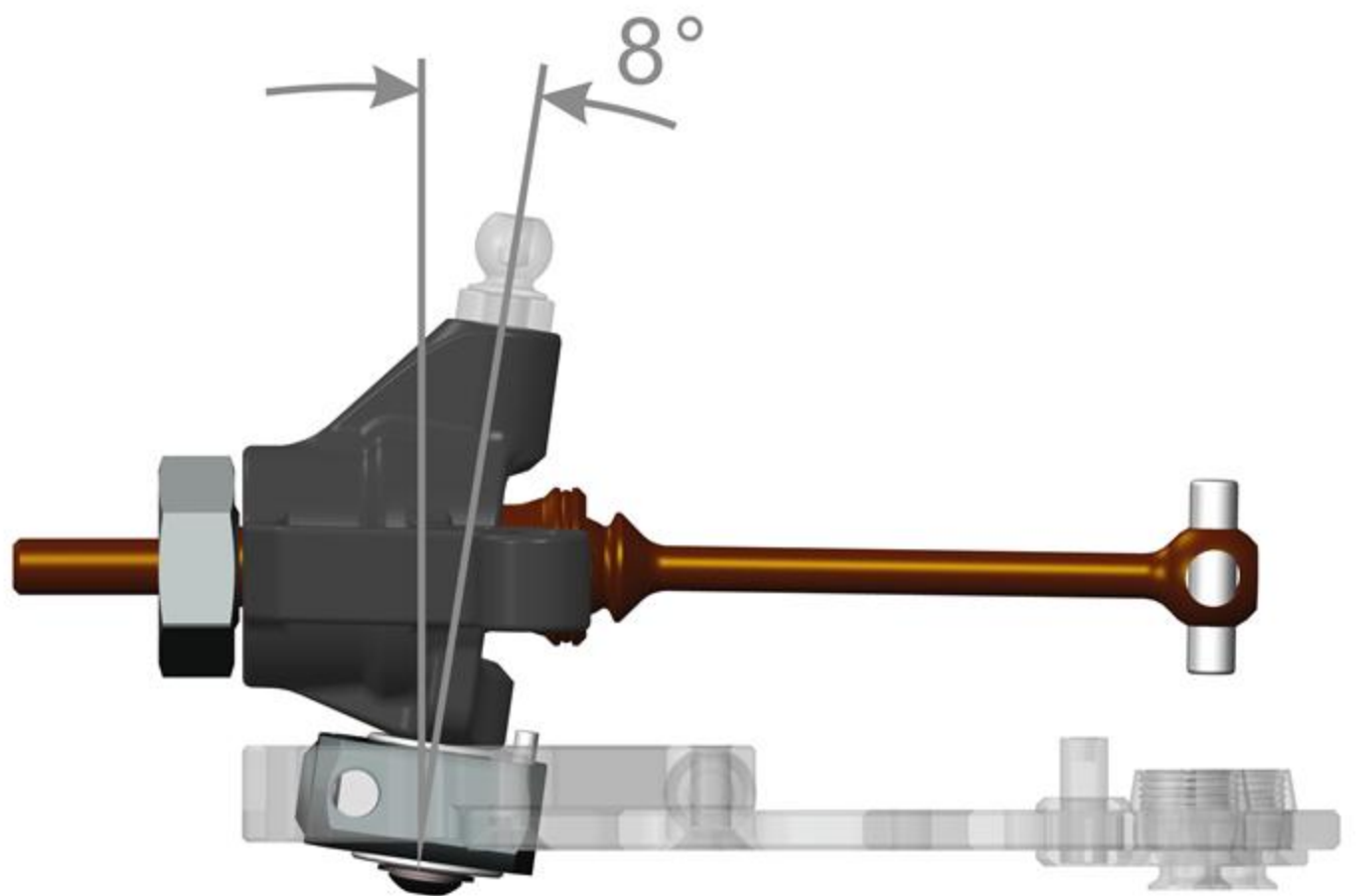
129043
0.3x7.5x6x9.5

SURC RACE RPT

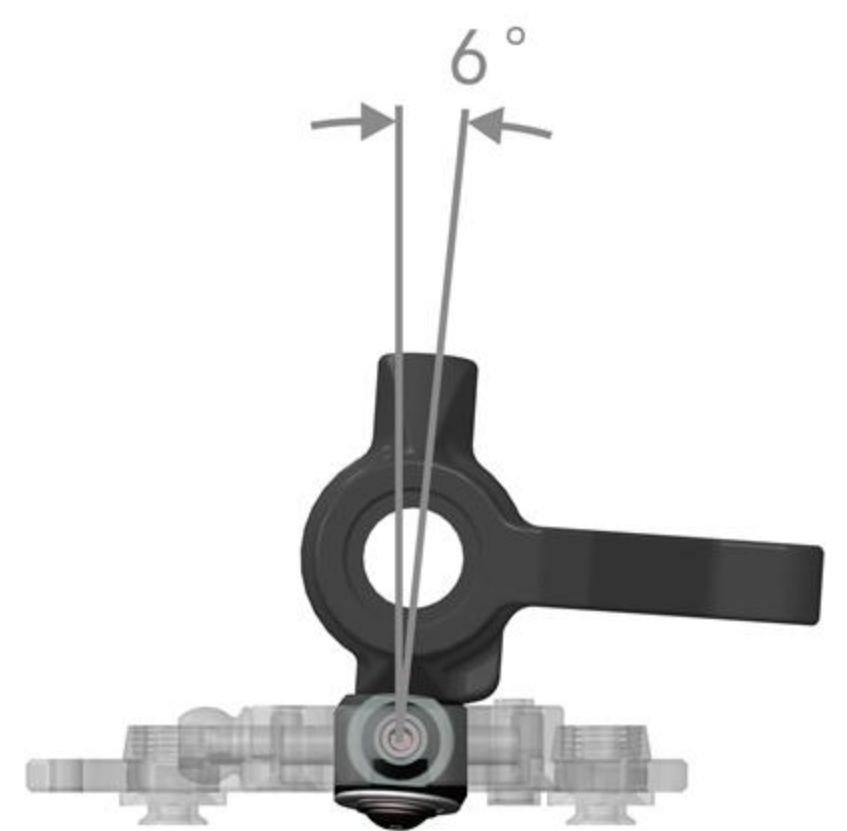
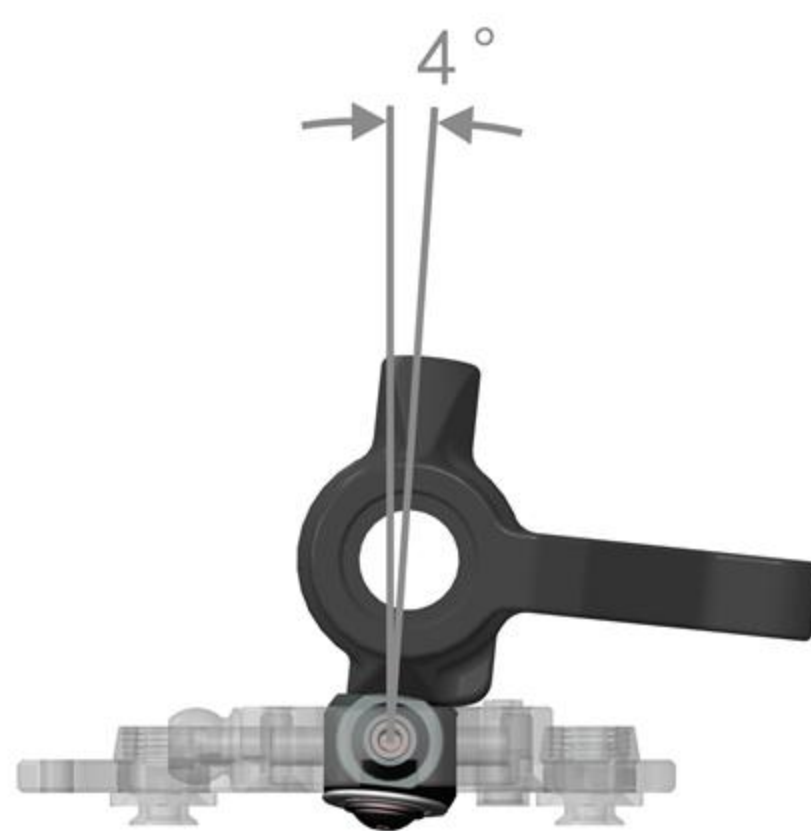
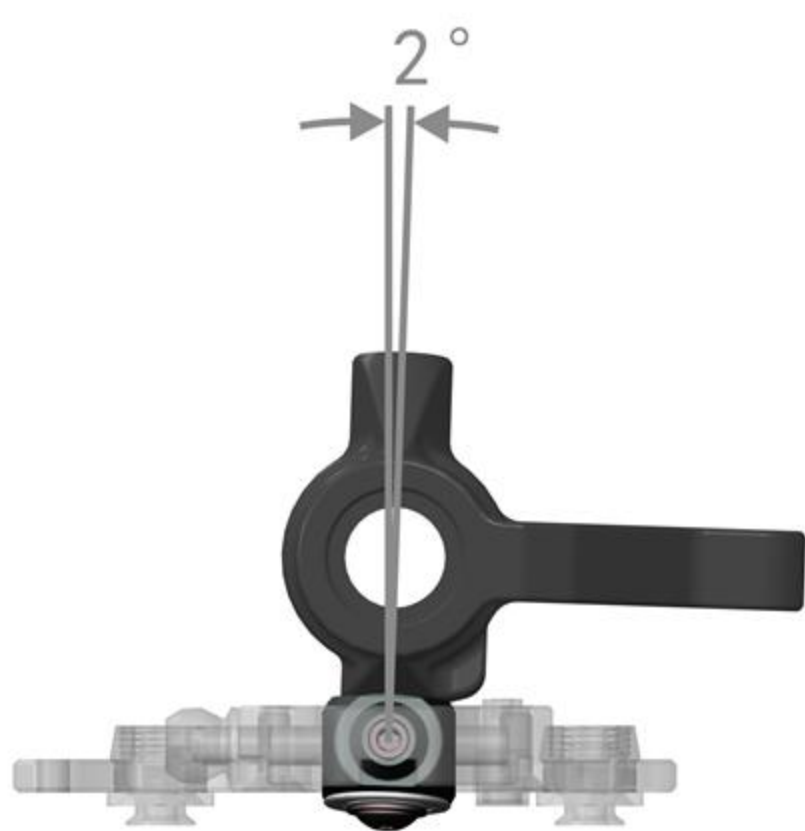
FFV4
DOLPHIN

2-STAGE RAS DAMPER EFFECT

In addition to the first stage absorbing vibration through the external spring, a high load pressure spring is installed inside the RAS shock absorber to have the effect of the second stage supporting force, thus reducing the traction rolling and having a fast return speed. With linear damping structure, it is especially suitable for working under high traction conditions.



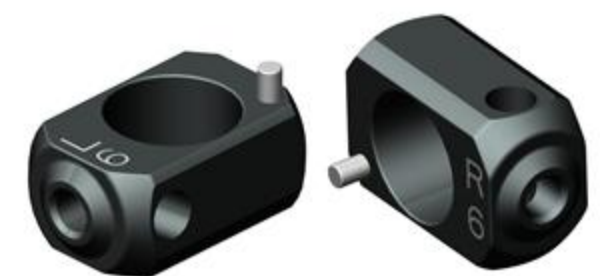
930518
5x8x2.5-F



1 23702
2°



1 23704
4°



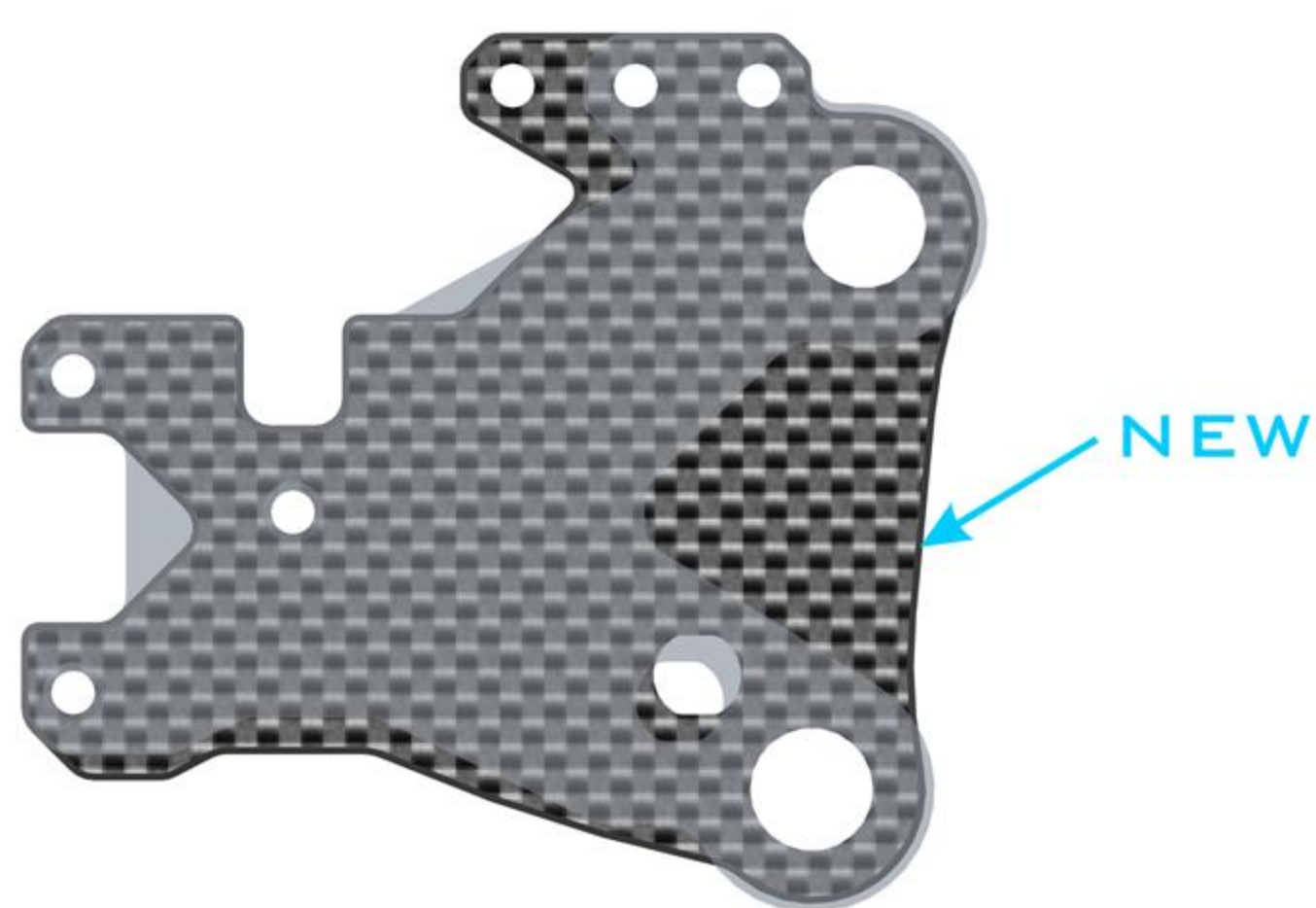
1 23706
6°

SURF RACE

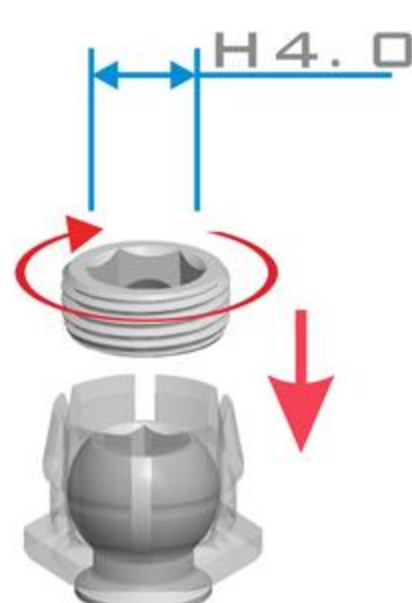
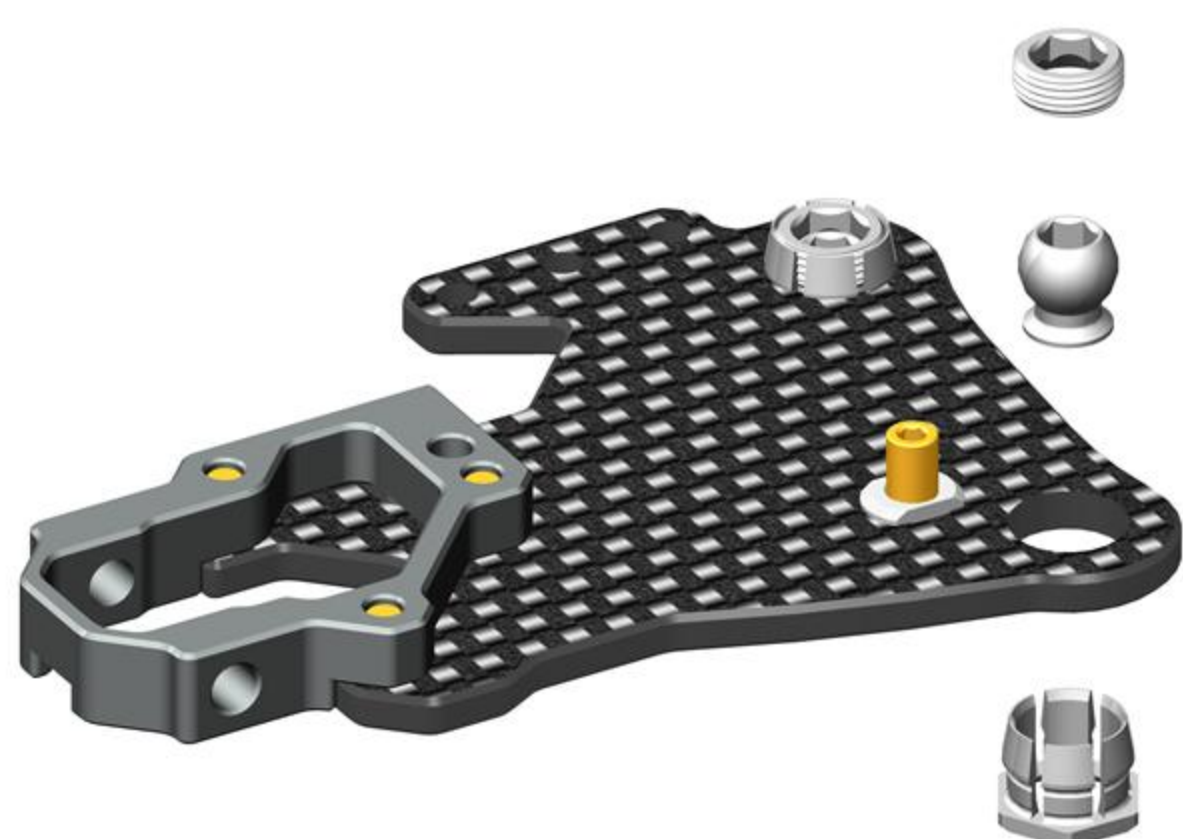
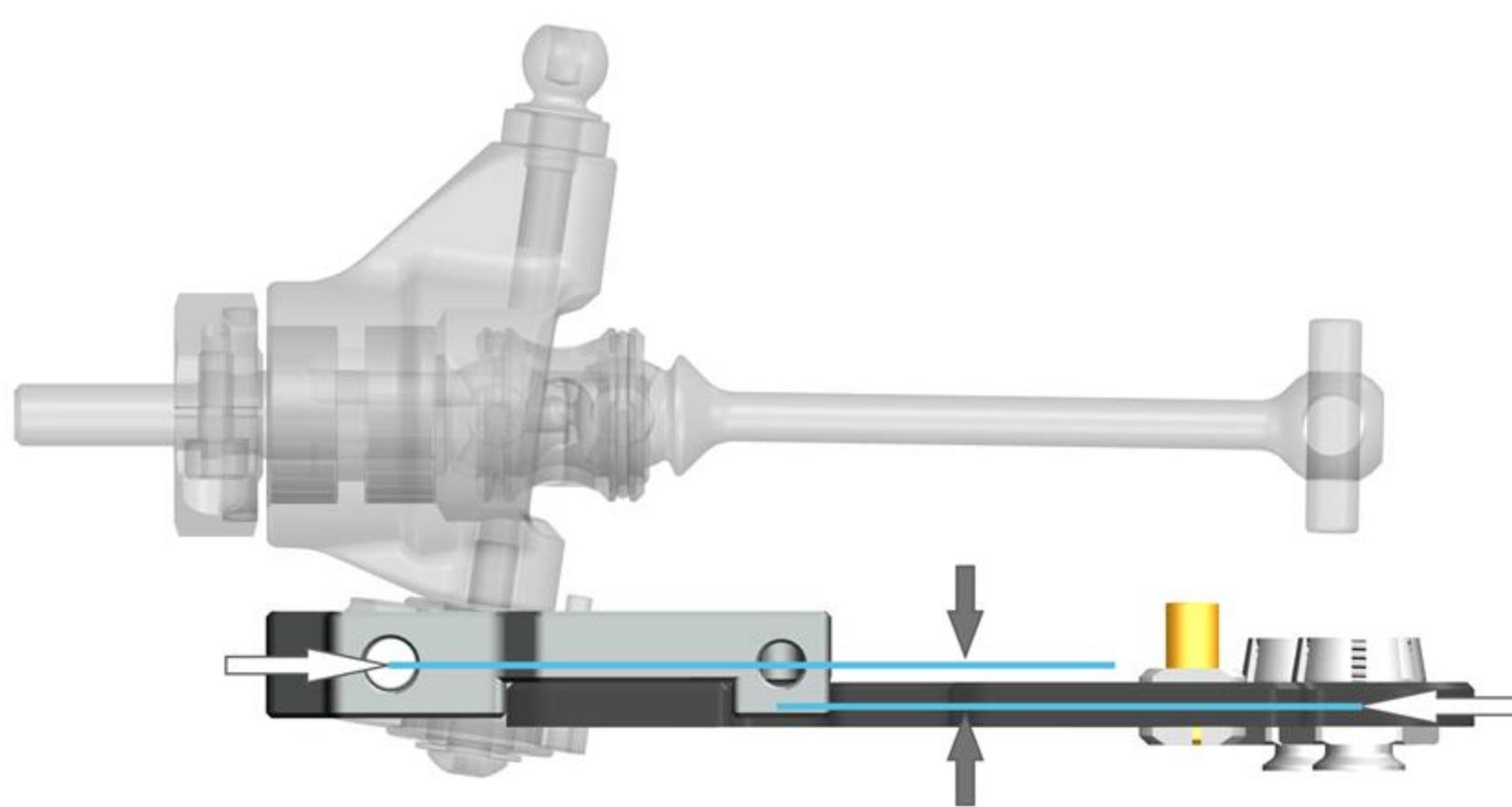
FFV4
DOLPHIN

BEARING MOUNT STEERING BLOCK

The aluminium steering block joint is made of precise CNC machinery with bearing installed. The steering block is installed to the aluminium steering joint directly without the use of C-hub that lead to have more accurate caster and can correct the steering block to straight very quickly after a turn. For the cluster aluminum block it has 2° , 4° and 6° cluster selections.



FRONT



SUSPENSION
DAMPING
ADJUSTMENT

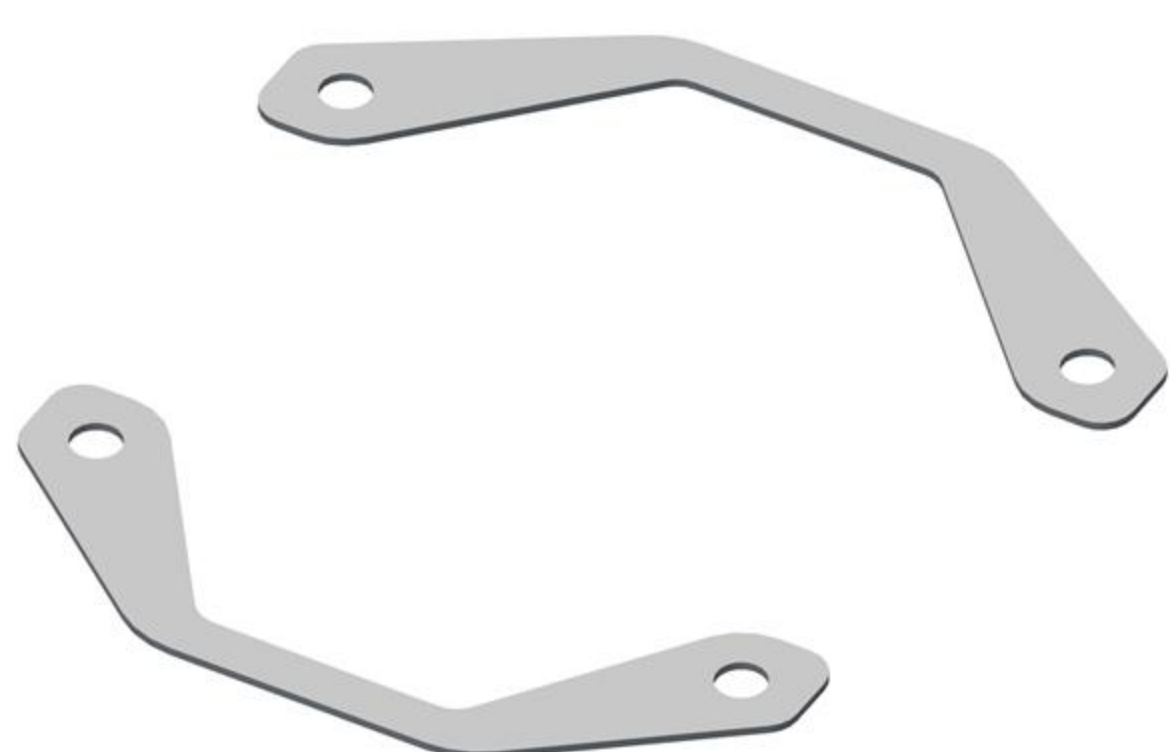
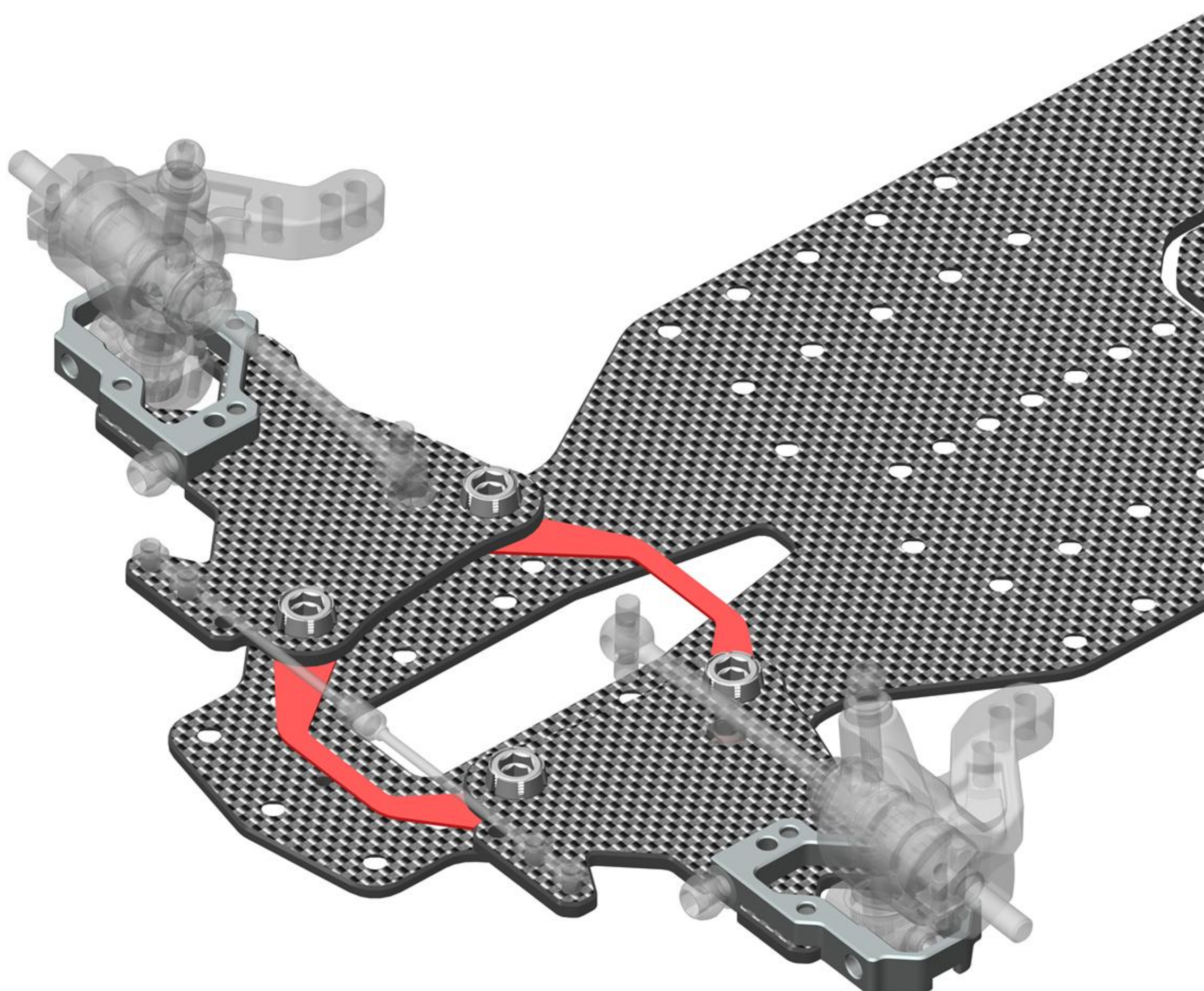
SURF

RACE

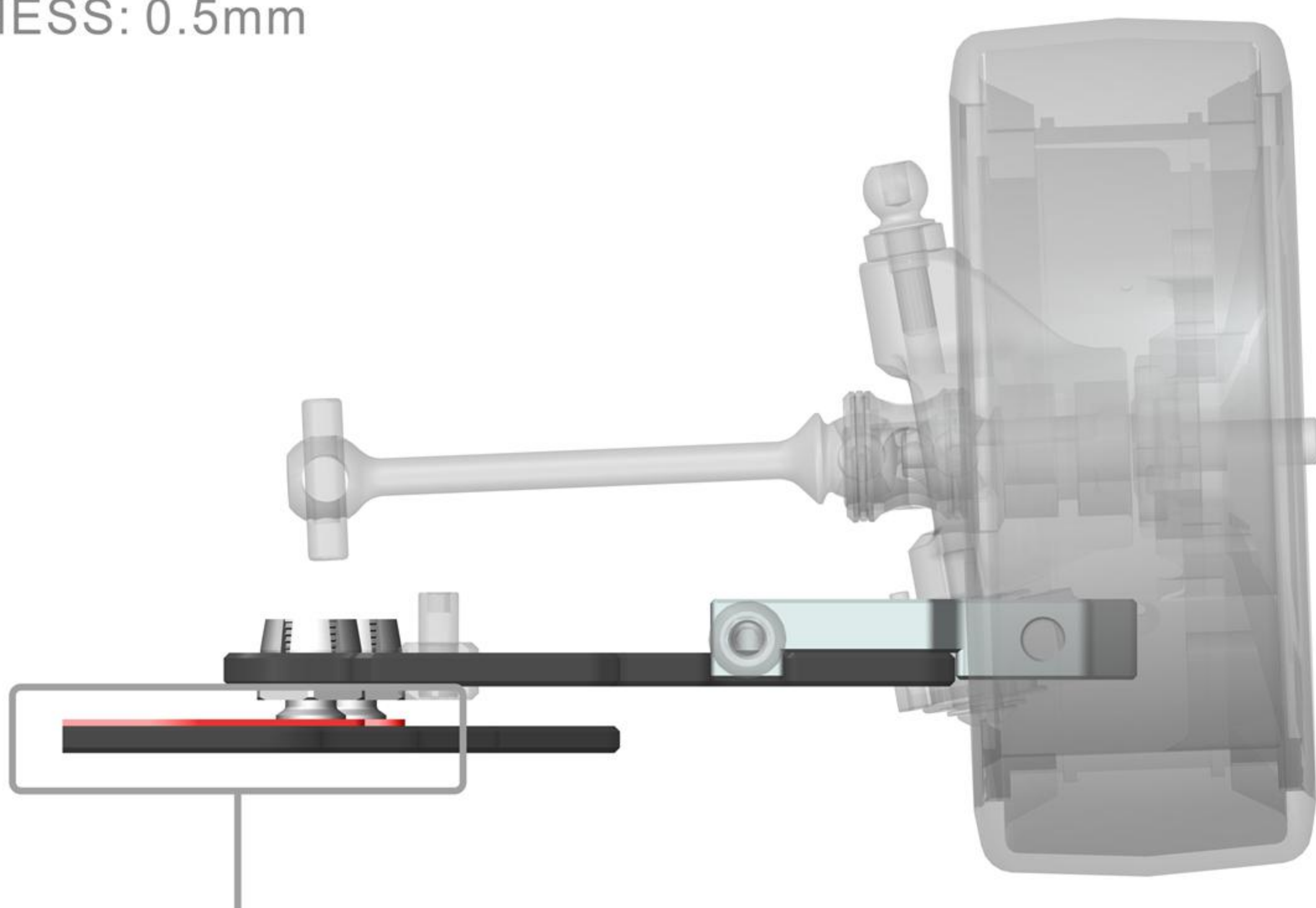
FFV4
DOLPHIN

GRAPHITE SUSPENSION ARM WITH ALUMINIUM PIVOT BALL

The suspension arm is made of carbon graphite material that work with CNC aluminium pivot ball to allow free floating of the arm to improve the traction rolling and enhance the driving stability. Besides, the ball joint hex on top of the pivot ball can be tighten up to vary the arm floating resistance to adapt different traction conditions.



THICKNESS: 0.5mm



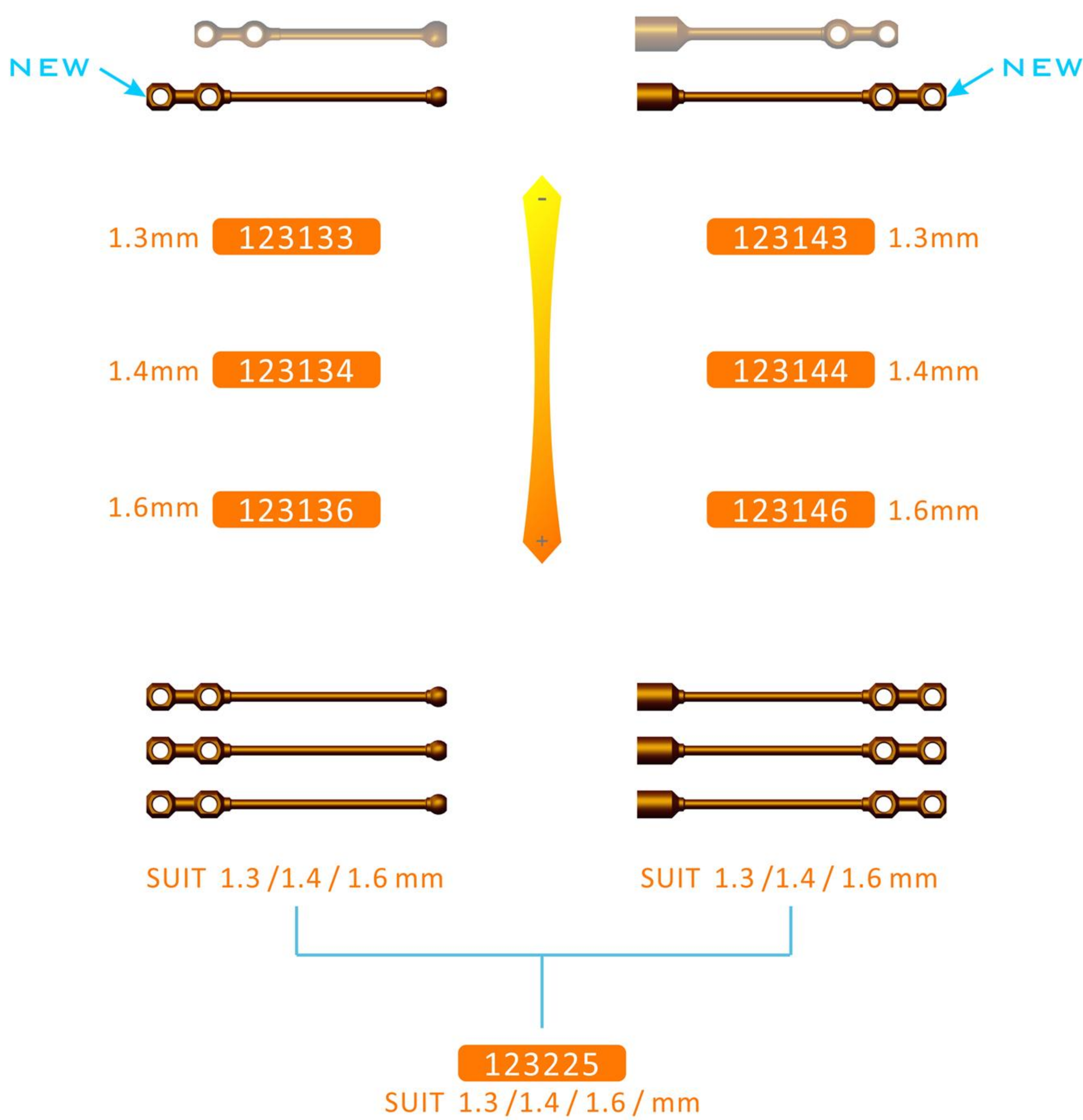
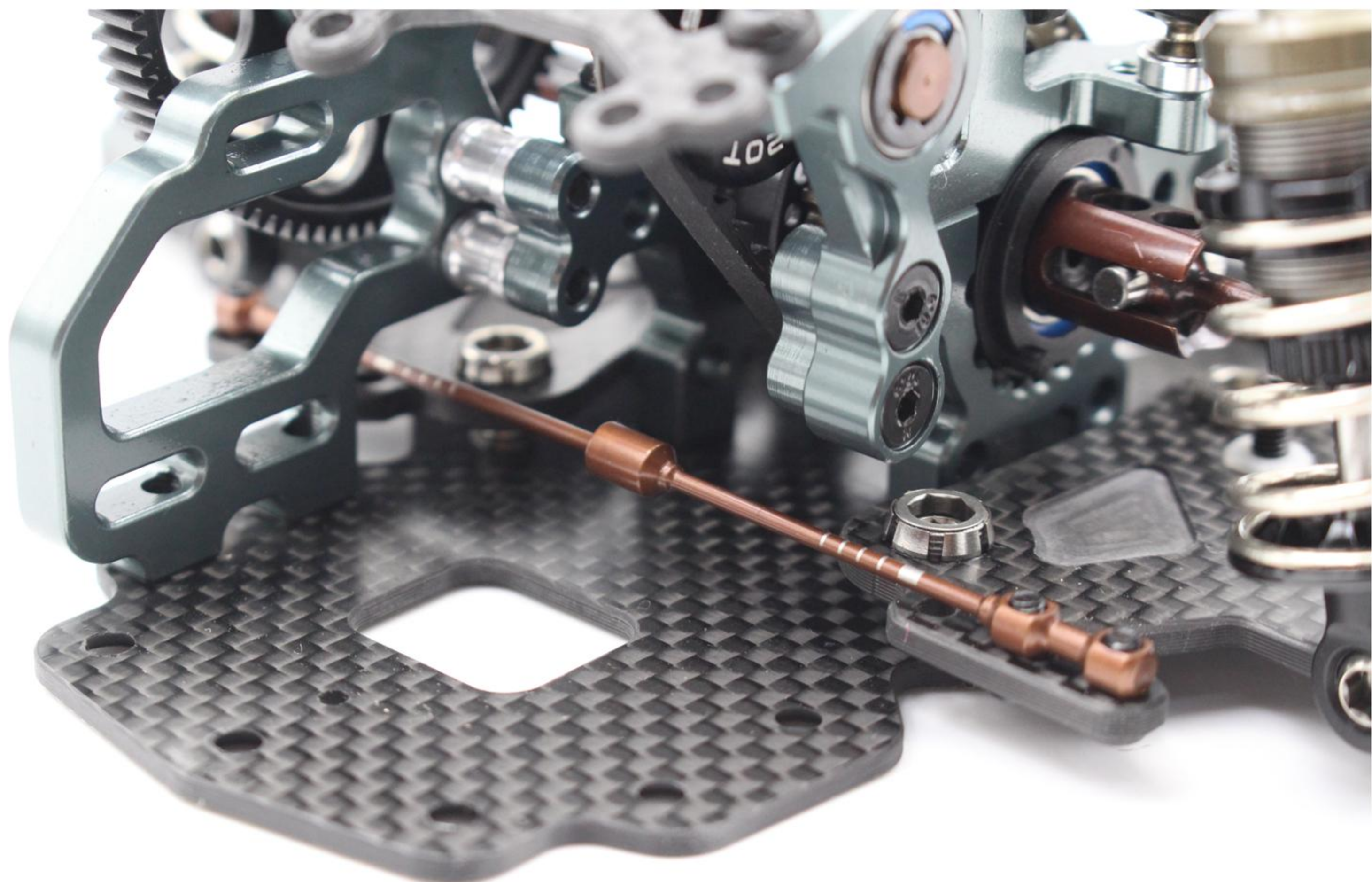
THICKNESS: 0.5mm

SURC **RACE** **OPT**

FFV4
DOLPHIN

SUSPENSION ARM HOLDER PLATE

The suspension arm holder plate can be installed between the pivot ball joint of two suspension graphite arm to raise up the rolling center and enhance the chassis hardness to adapt different traction conditions.



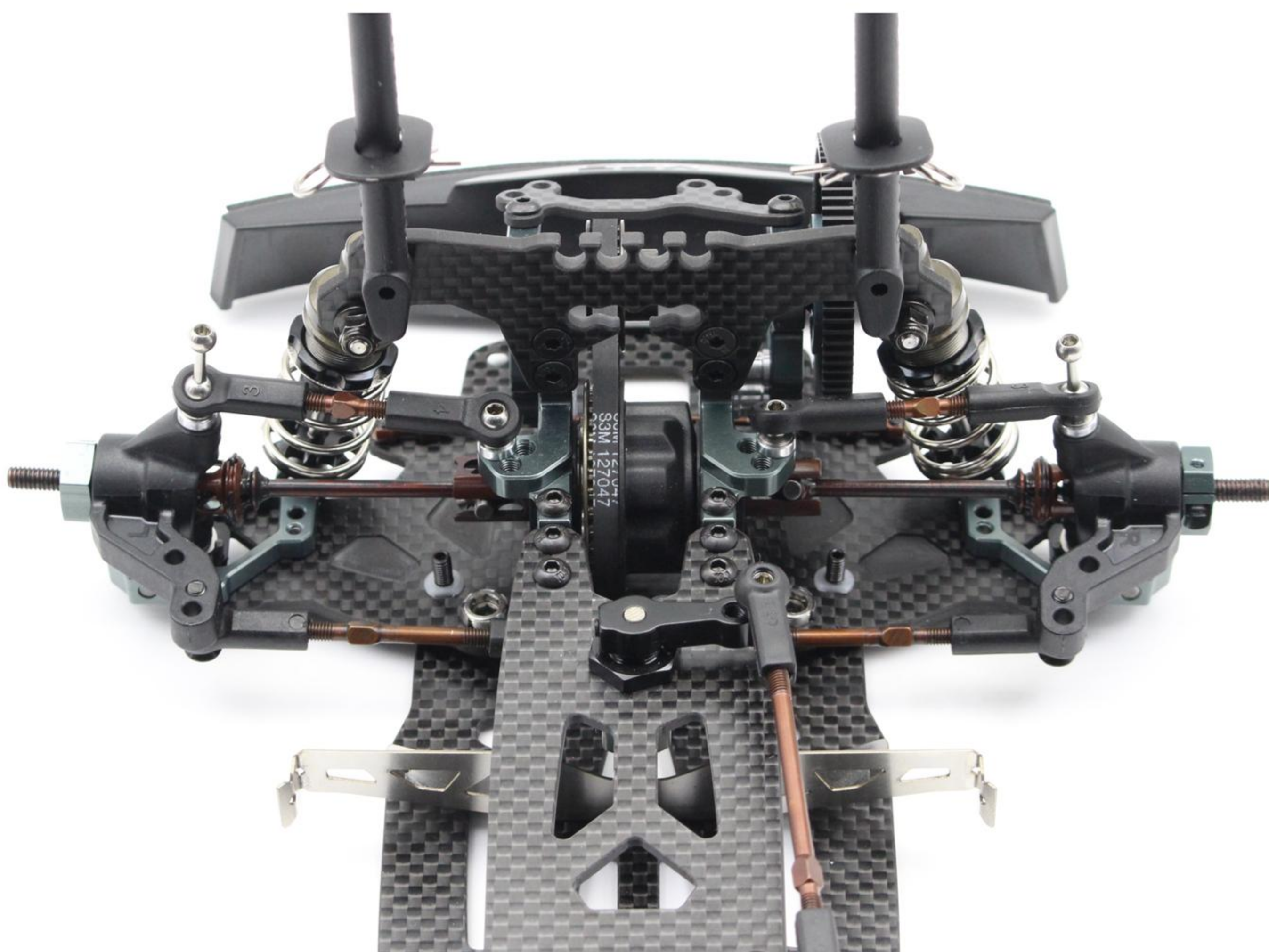
SURC

RACE

FFV4
DOLPHIN

ANTI-ROLL BAR LEVER SHAFT

The new anti-roll bar lever shaft is extended 7mm long with better linearity effect. It is made of S2 spring steel material that provide better strength and is installed lower in the chassis in turn to lower the chassis gravity and reduce the car traction rolling for better stability.



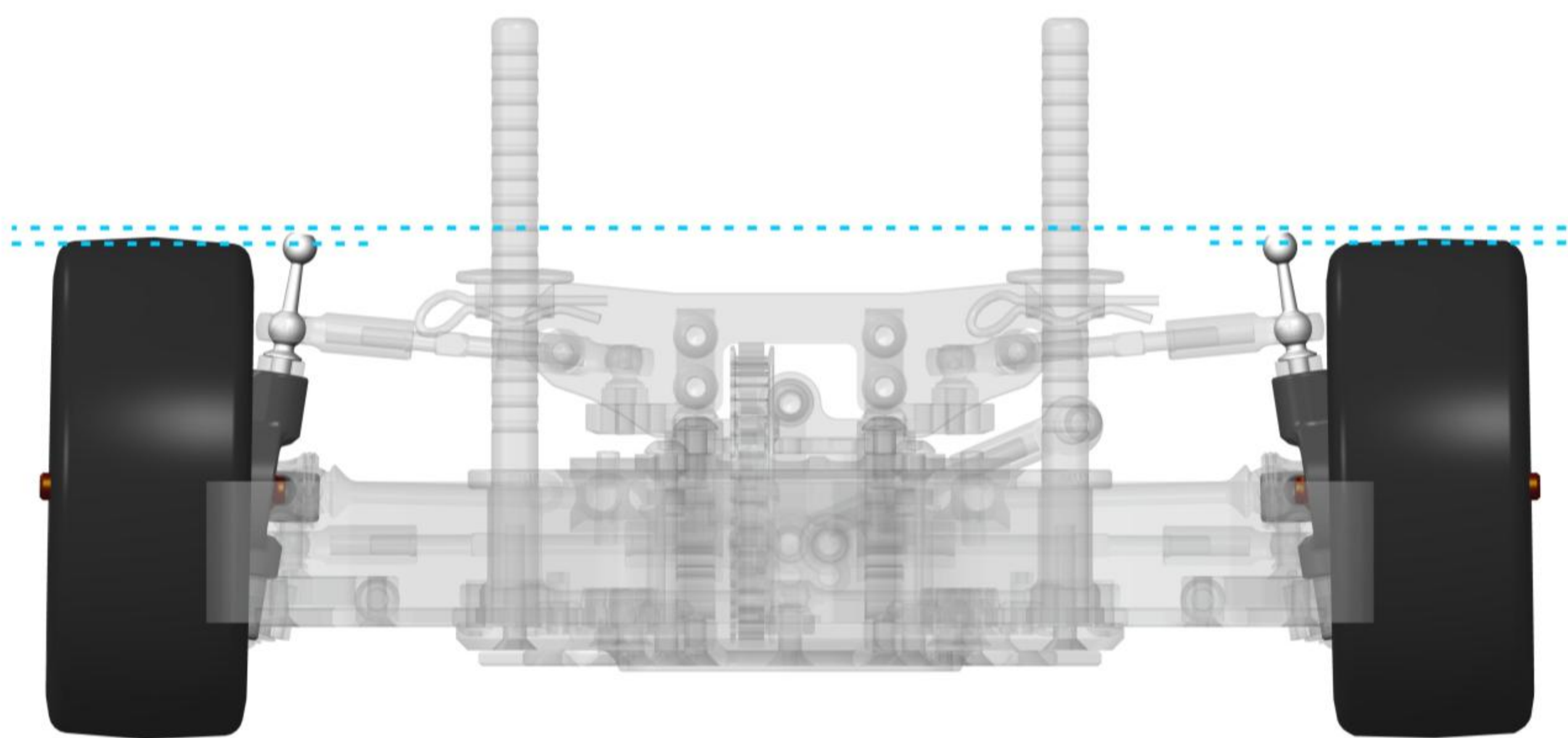
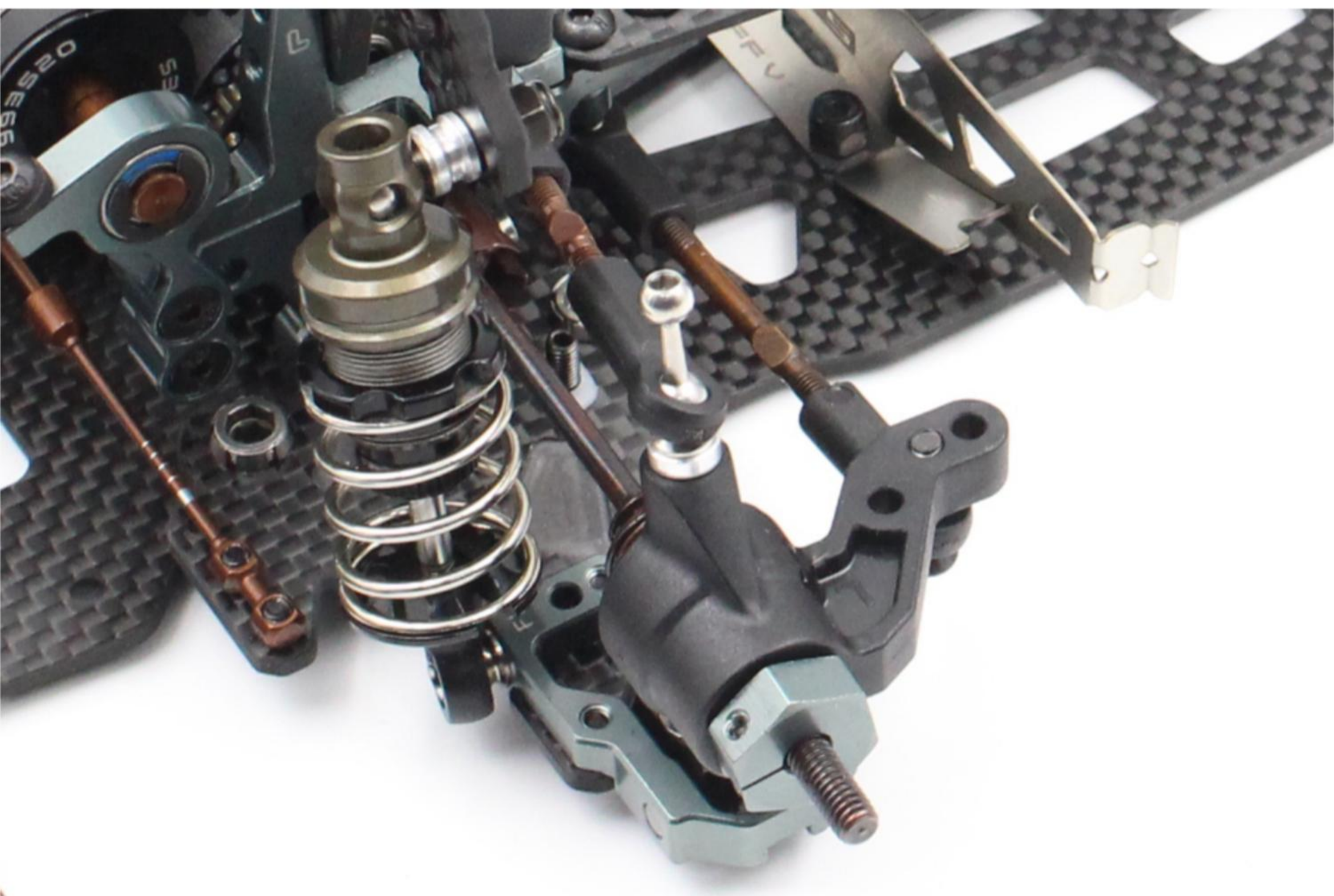
SURC

RACE

FFV4
DOLPHIN

THREE SECTION OF ROD CVD

The FFV4 adopts a three section stick CVD and a two-stage variable speed belt transmission, with a flexible belt providing power buffering and simplifying the transmission structure. Each cup is CNC machined from S2 material.



SURC

RACE OFF

FFV4
DOLPHIN

CAR BODY SUPPORTER

The car body supporter from the double ball head can avoid the rubber tire surface touching the car body when in the steering rolling.



WWW. SN-RC. COM