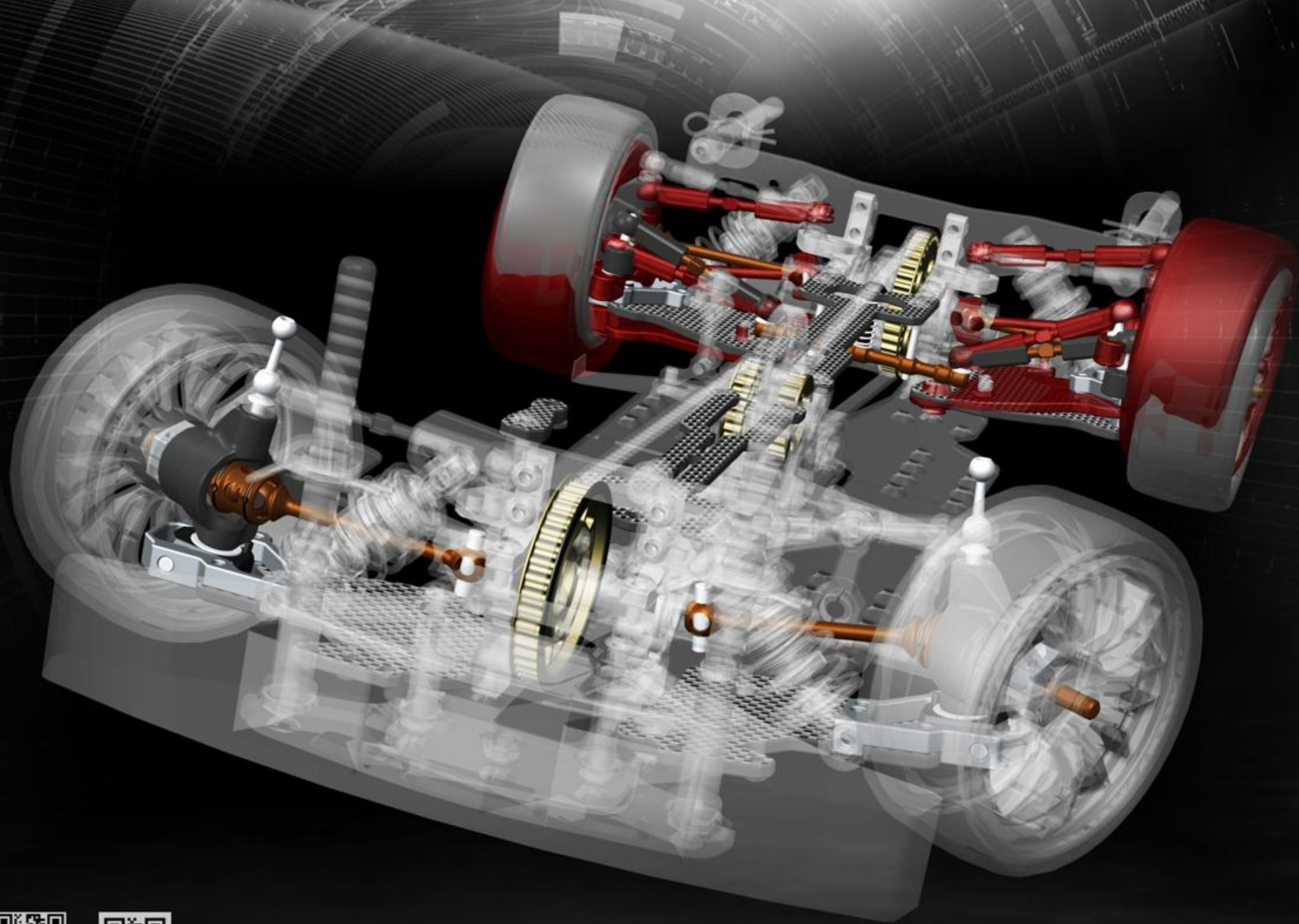


# MTS TBM-V2

1:10 ELECTRONIC TOURING PRO CAR KIT  
(MID MOTOR)

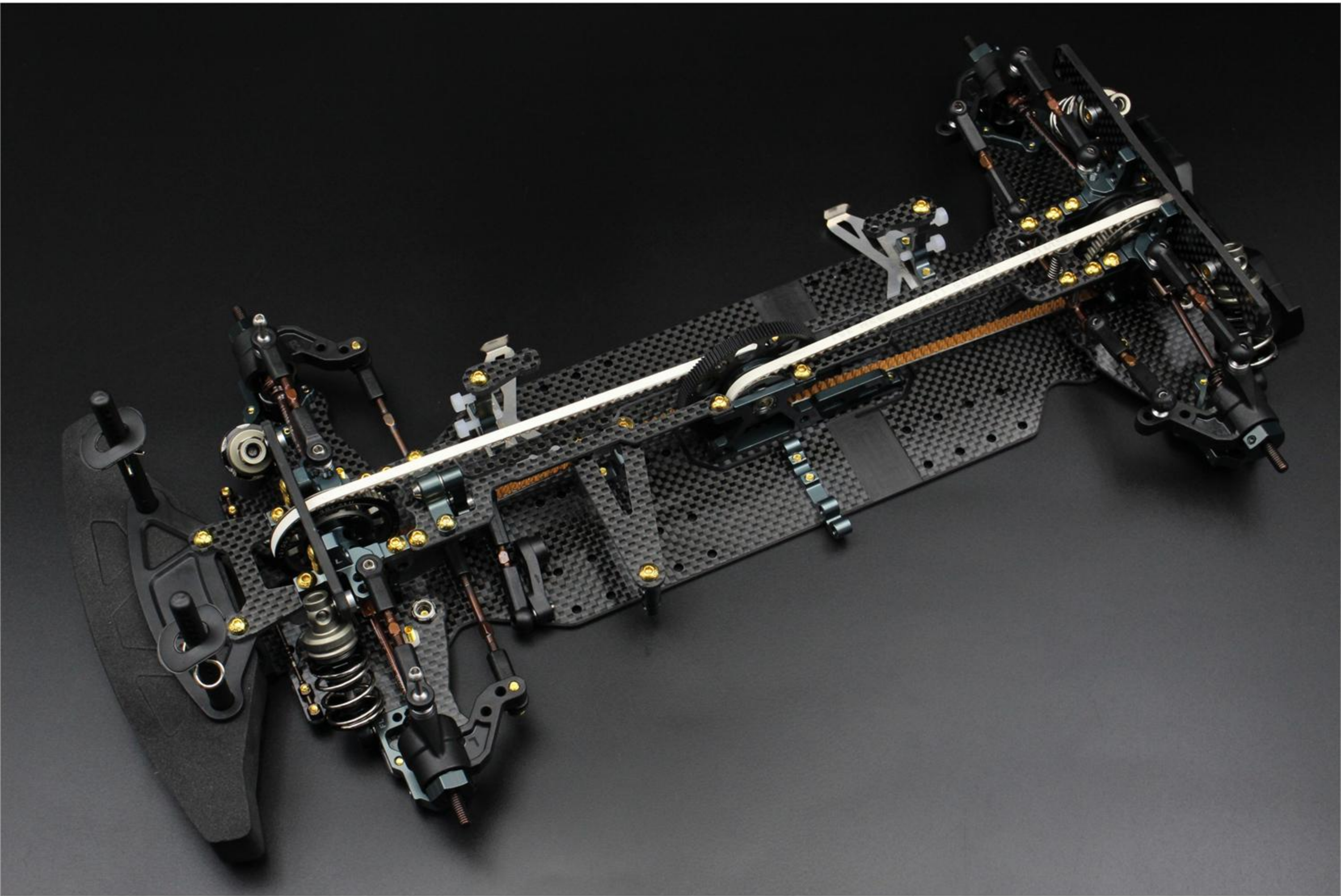


MADE IN CHINA

RACE  
EPT

SUNRC



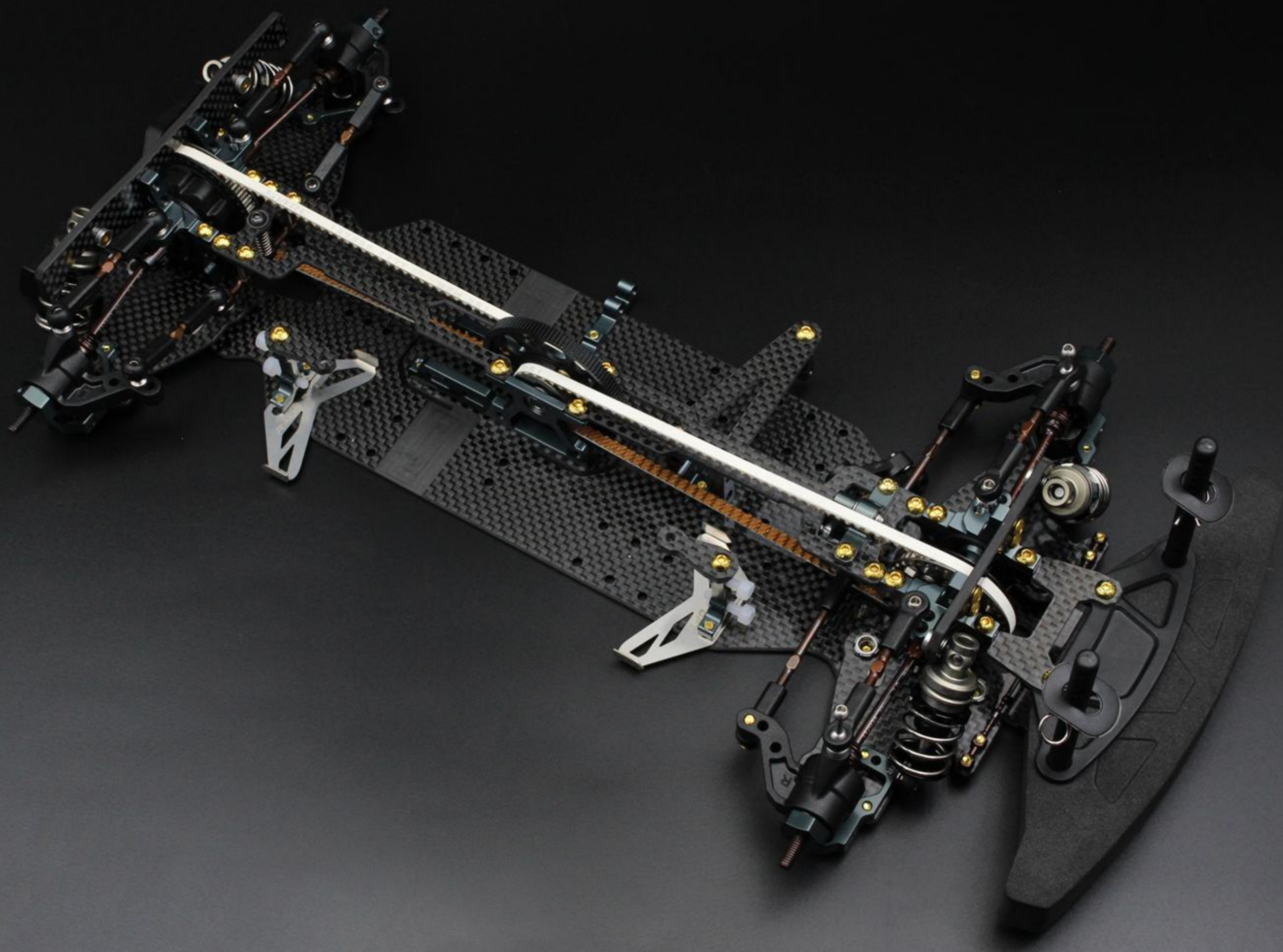


**RACE**  **OPT**

**SWIFT**

**MT5 T3M-V2**



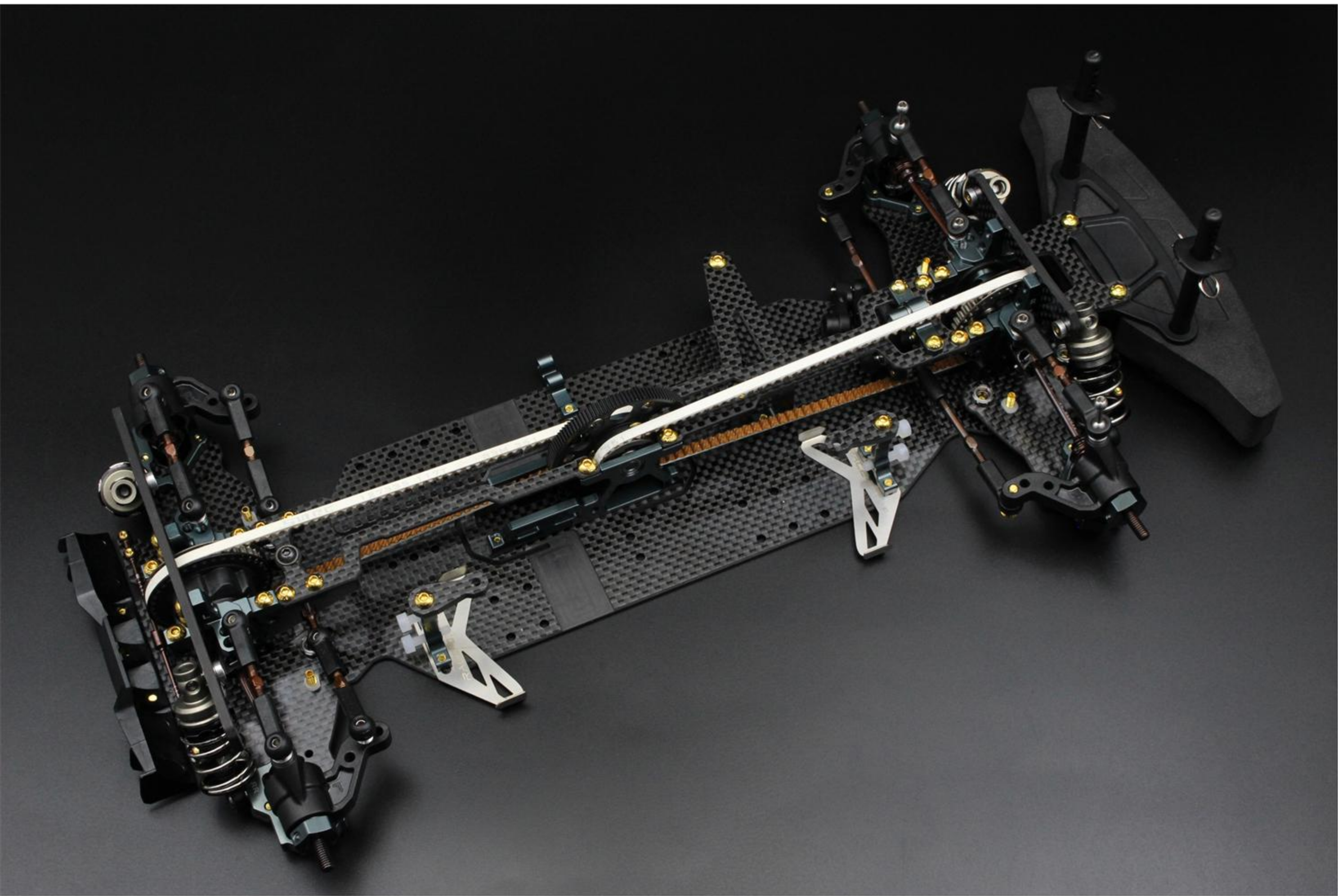


**RACE**<sub>OPT</sub>

**SURTC**

**MT5 T3M-V2**



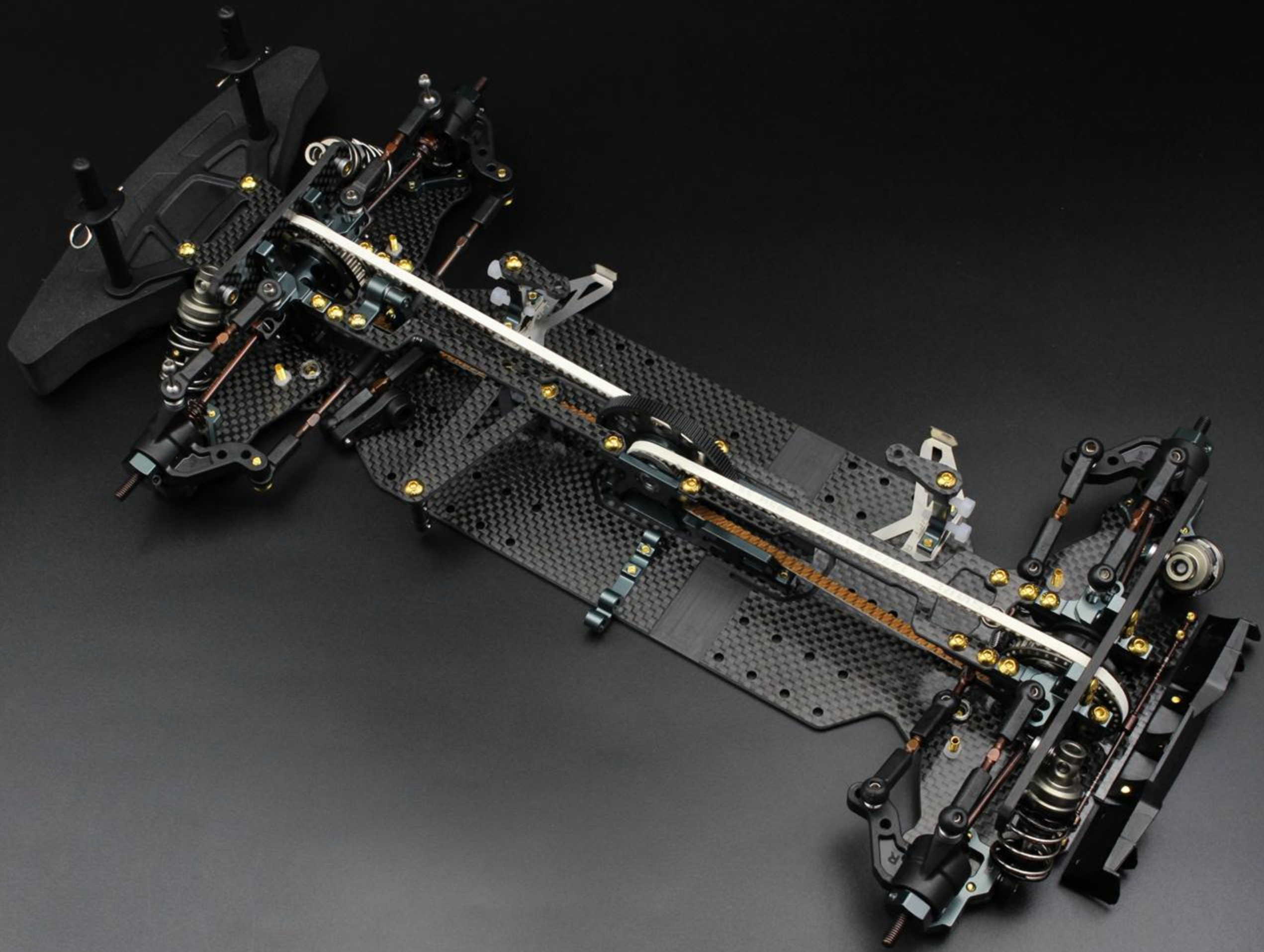


**RACE**  **OPT**

**SURTC**

**MT8 T3M-V2**



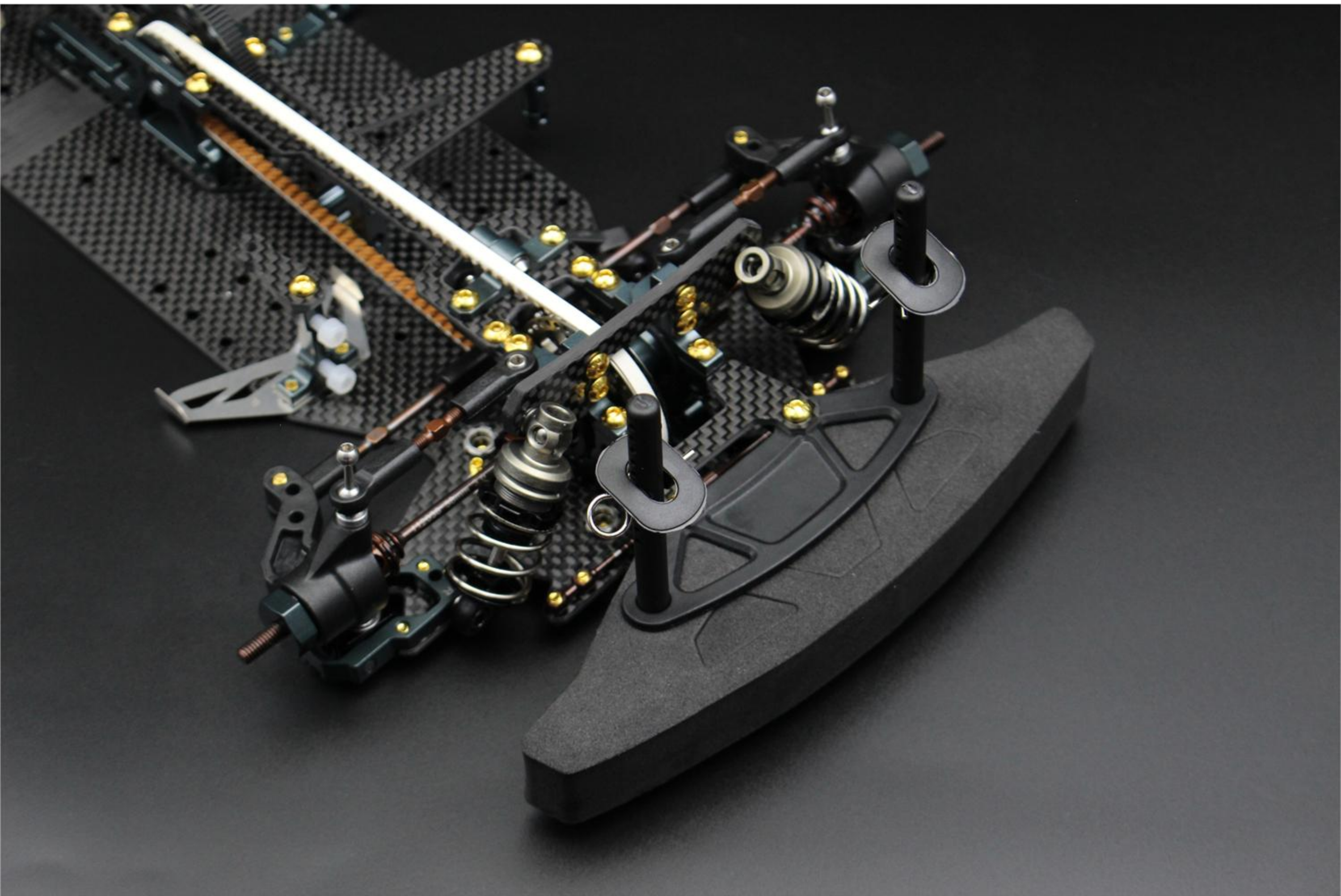


**RACE**  **OPT**

**SURTC**

**MT5 T3M-V2**



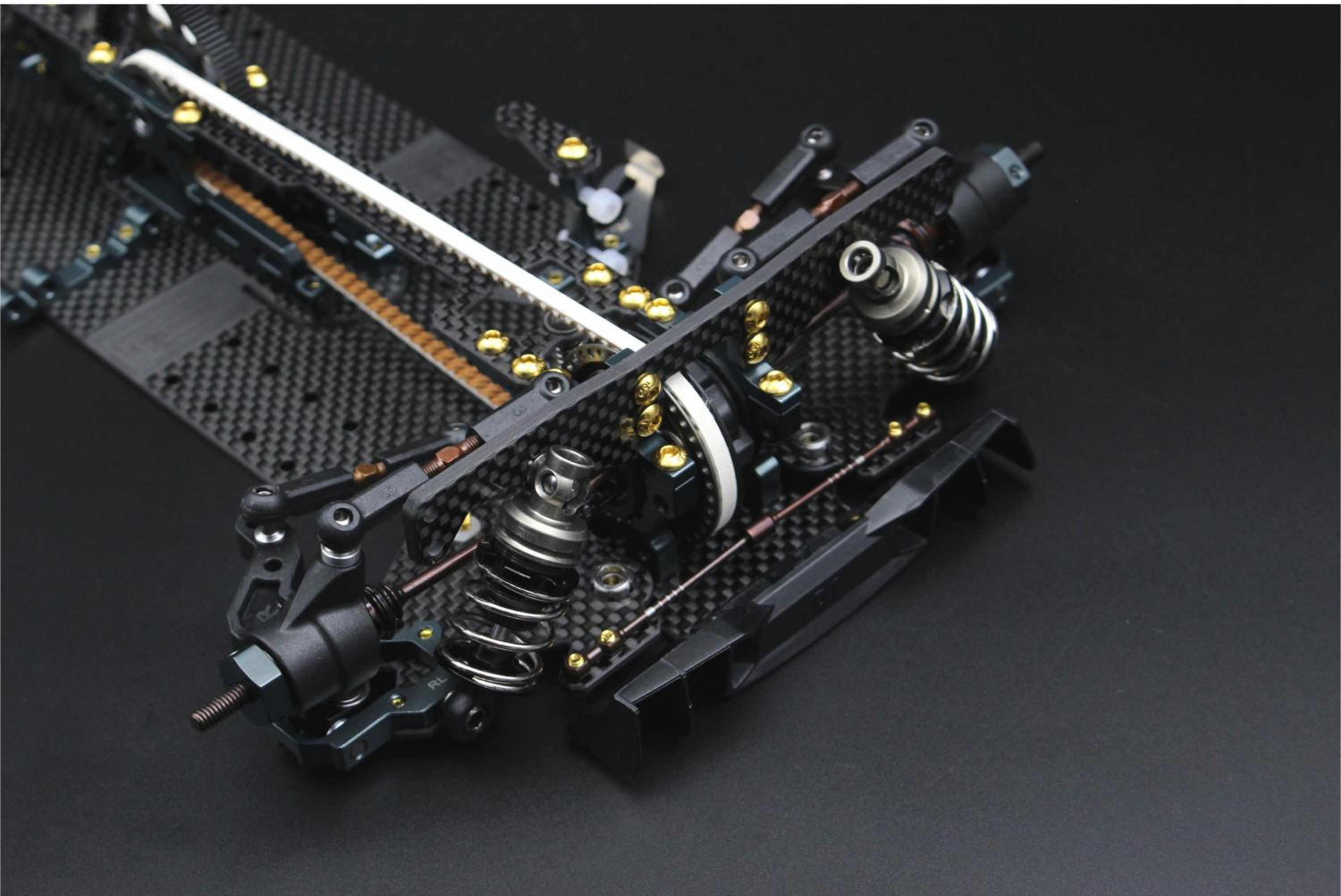


**RACE**  
OPT

**SPORT**

**MTS T3M-V2**



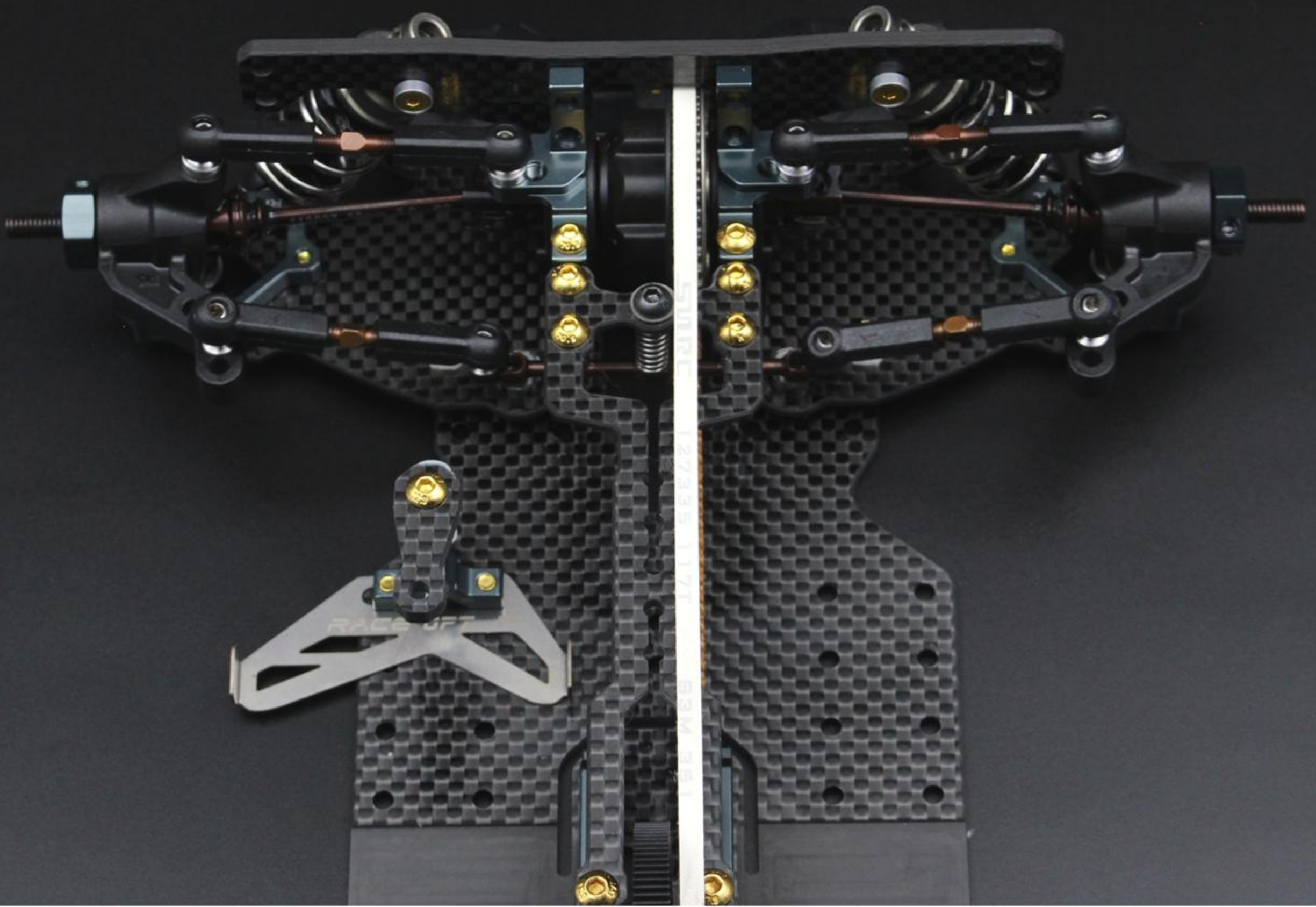


**RACE**  **OPT**

**SURE**

**MTS T3M-V2**



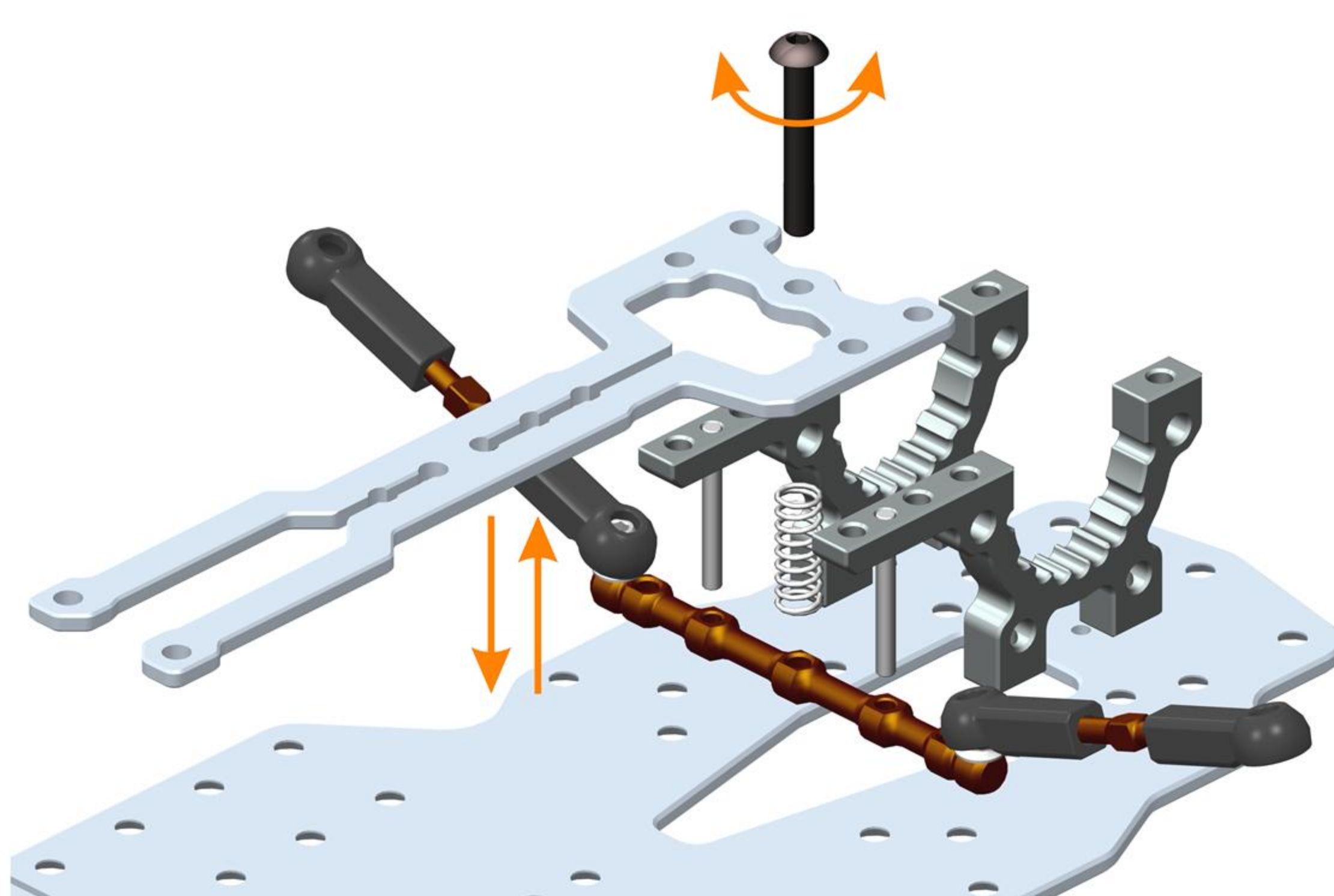
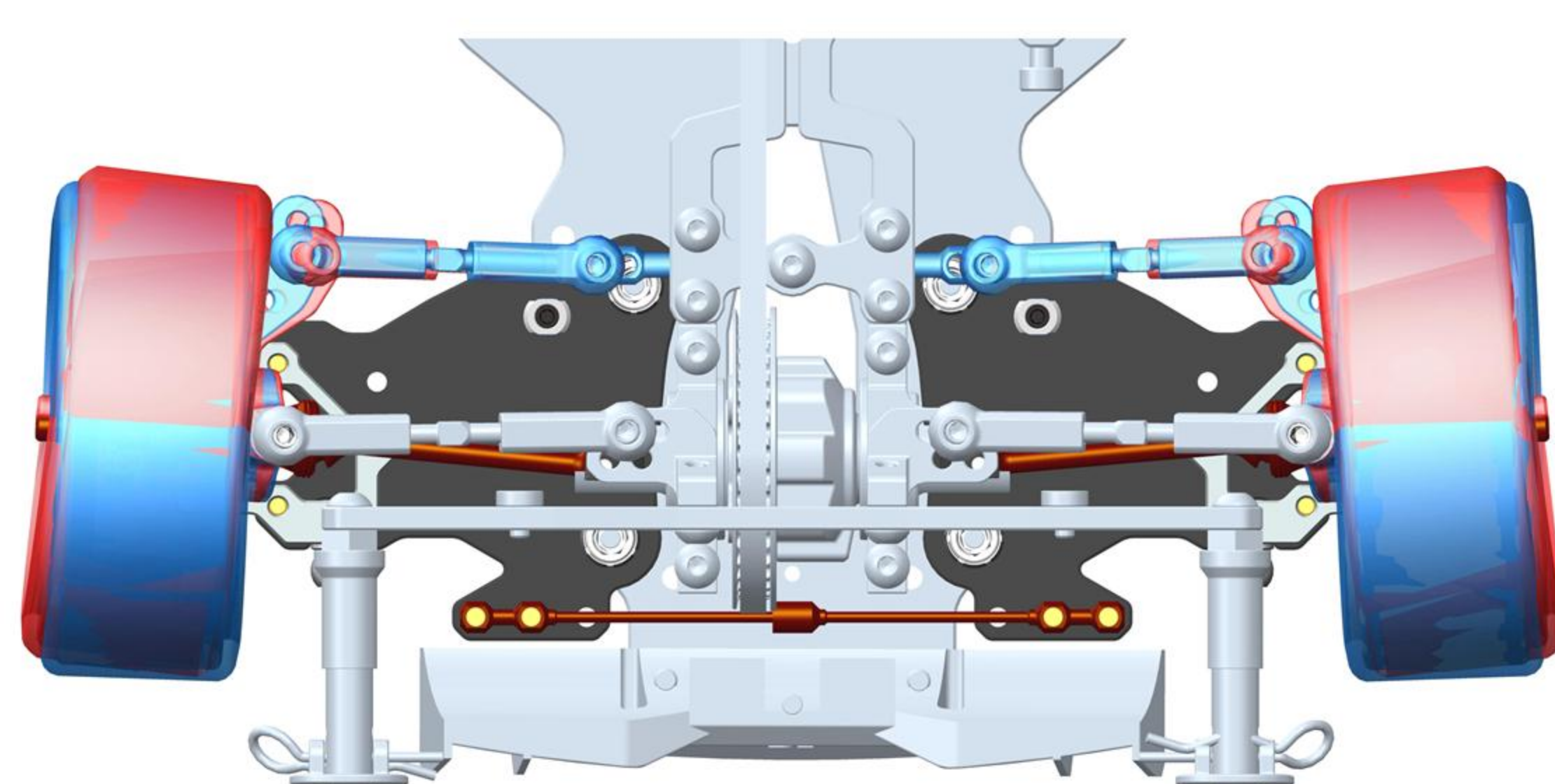
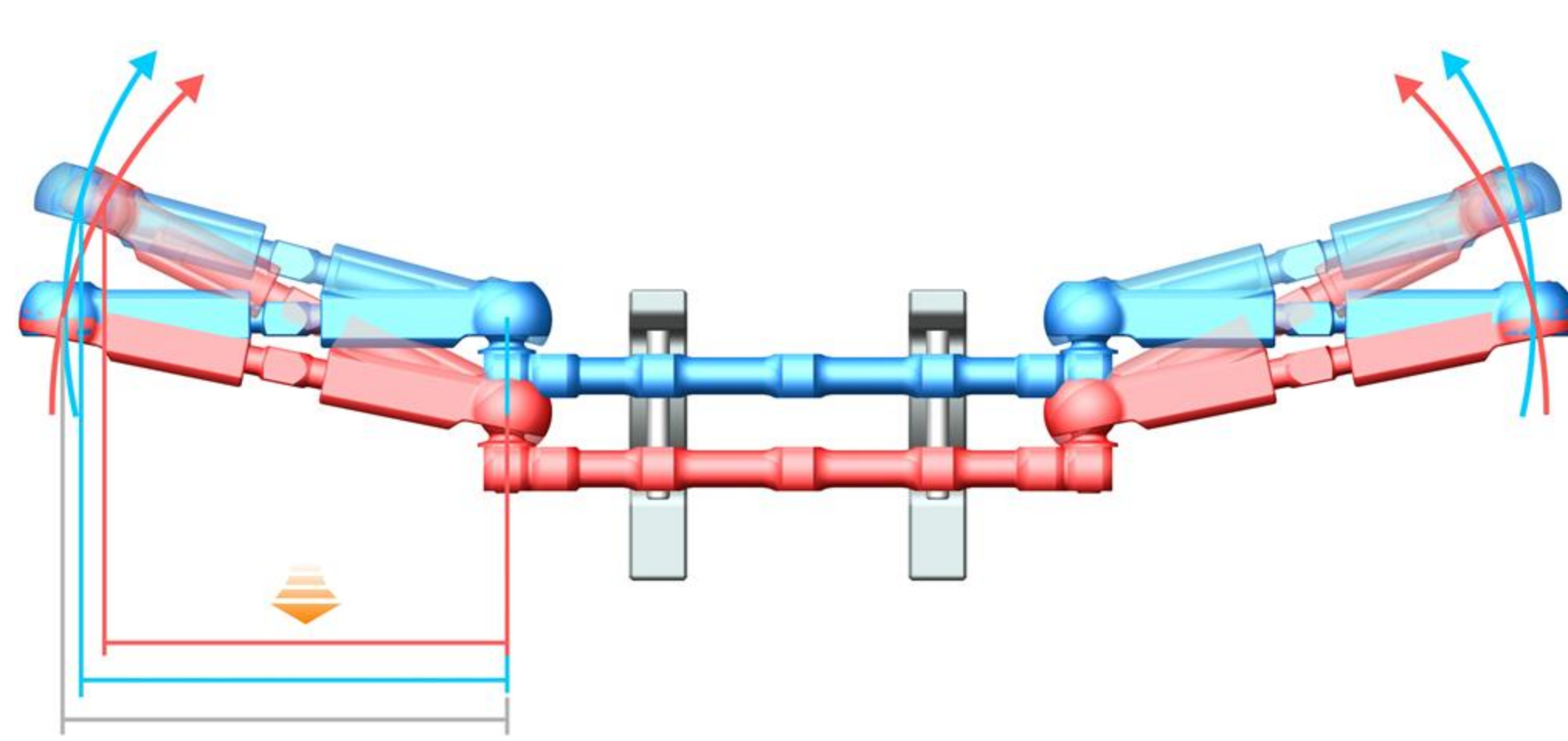
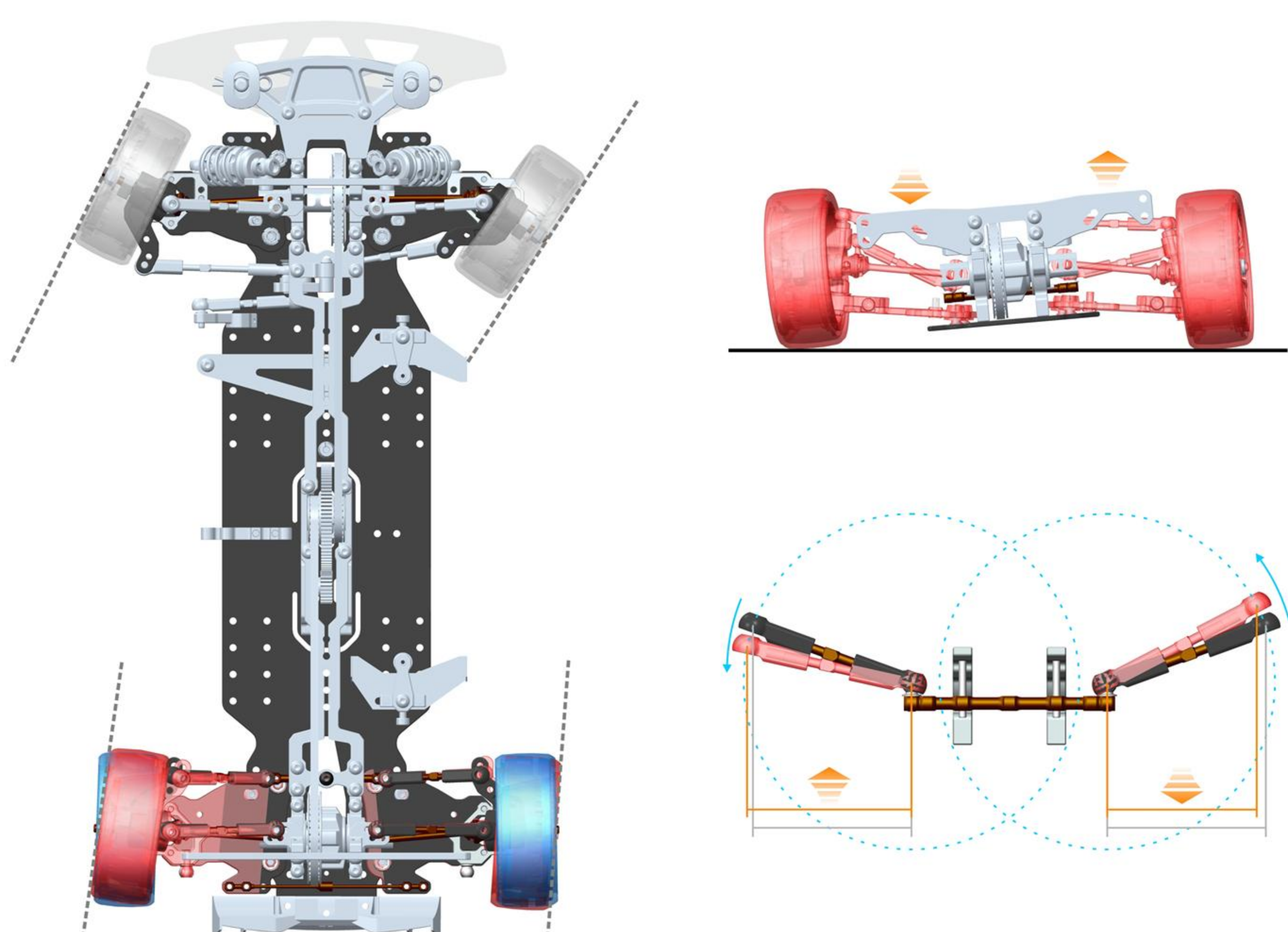
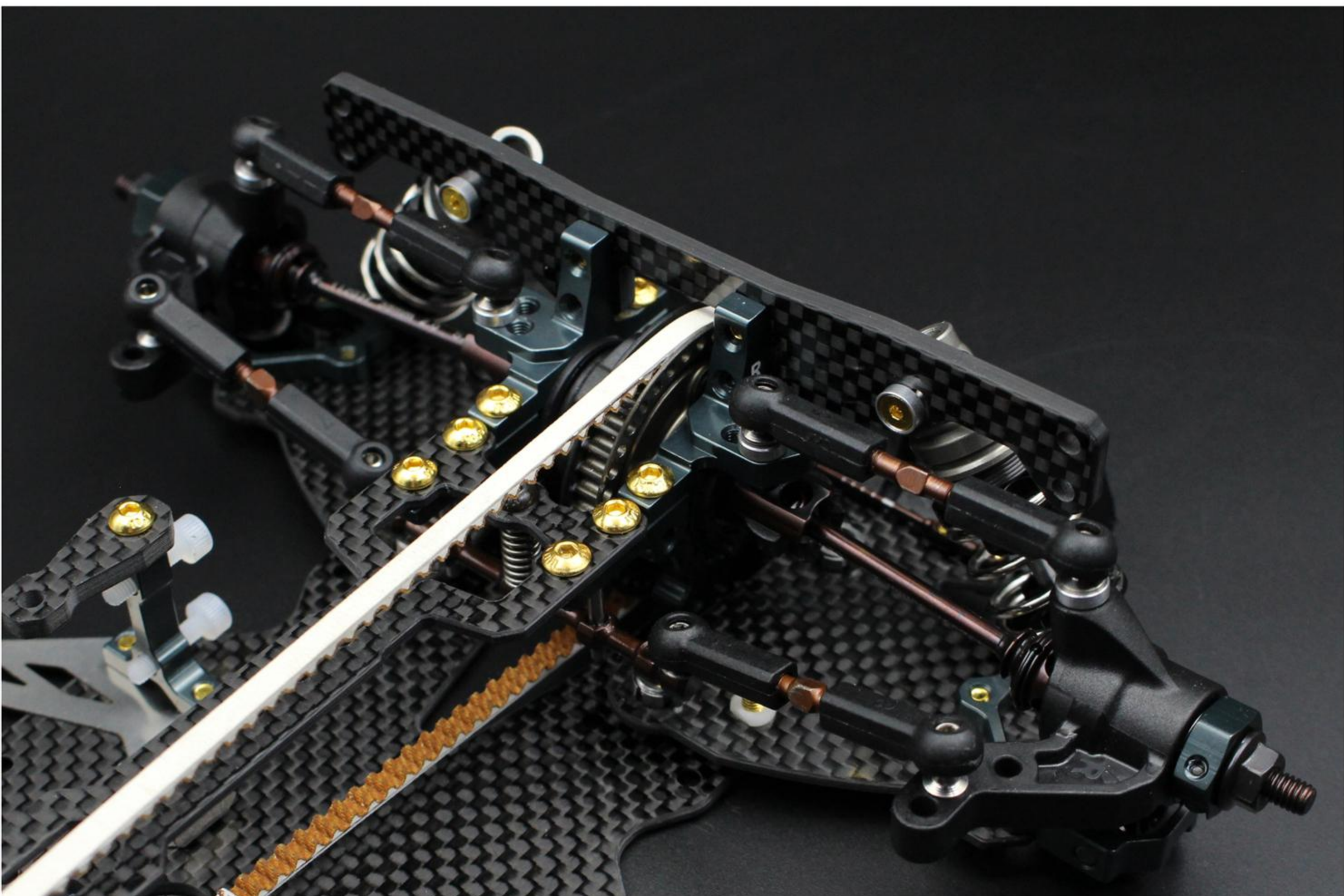


**RACE**<sub>OPT</sub>

**SURTC**

**MT5 T3M-V2**

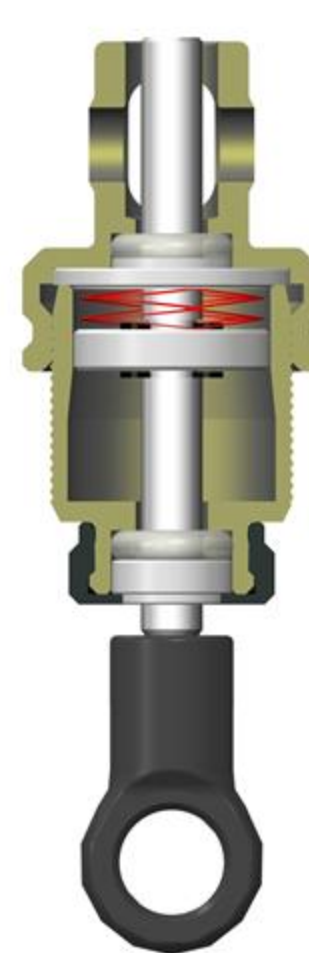
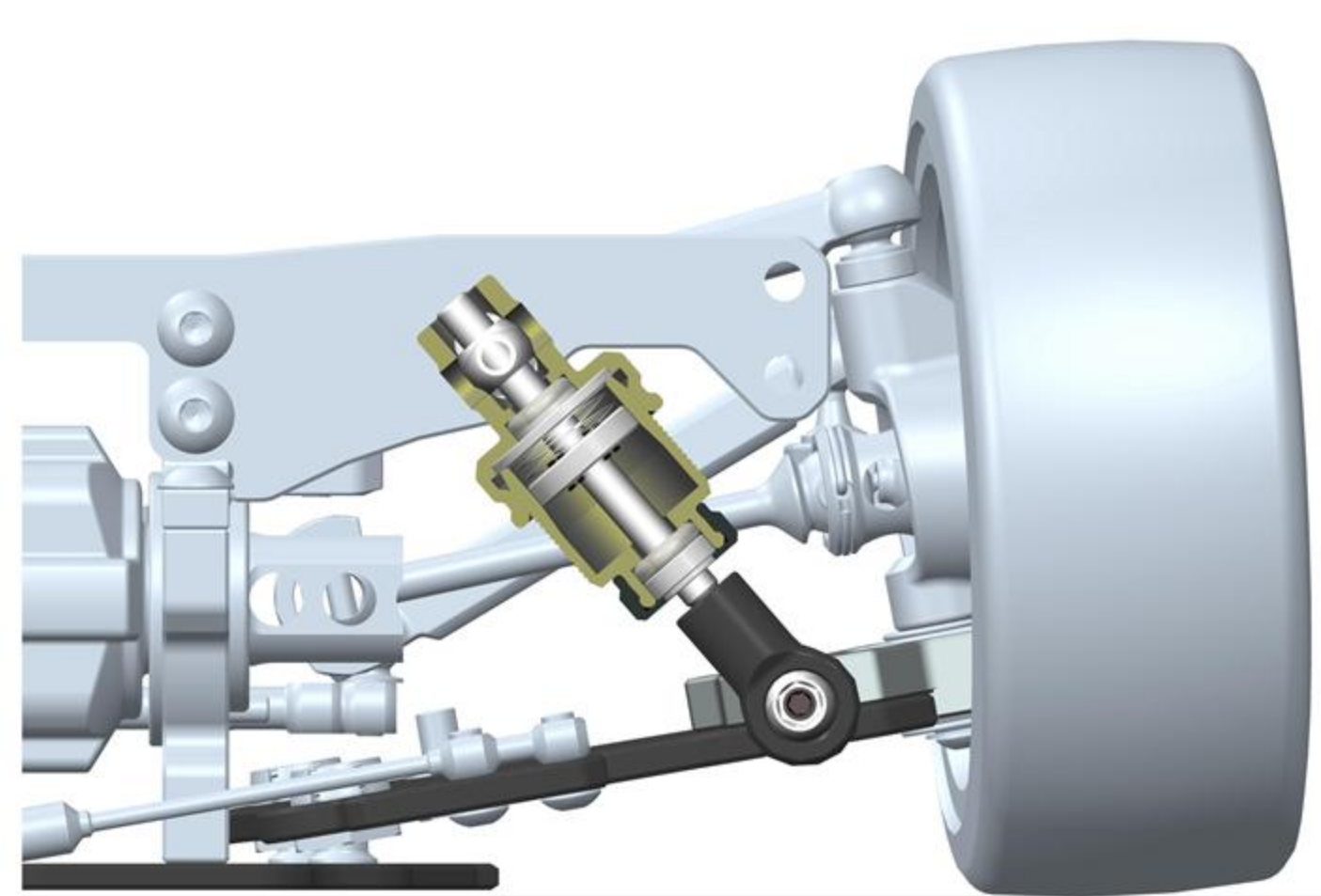
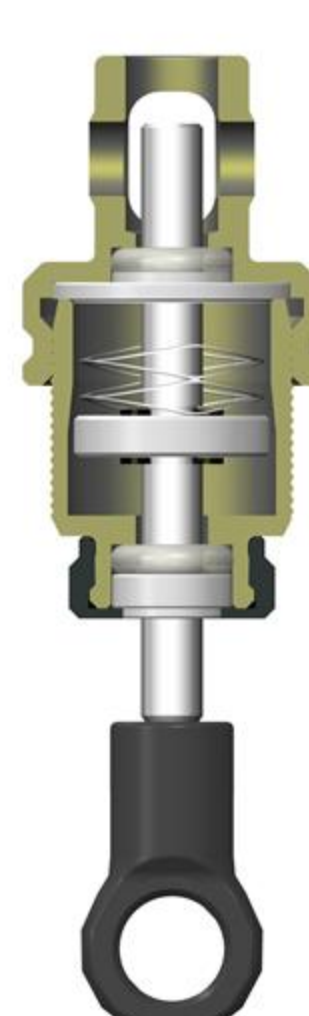
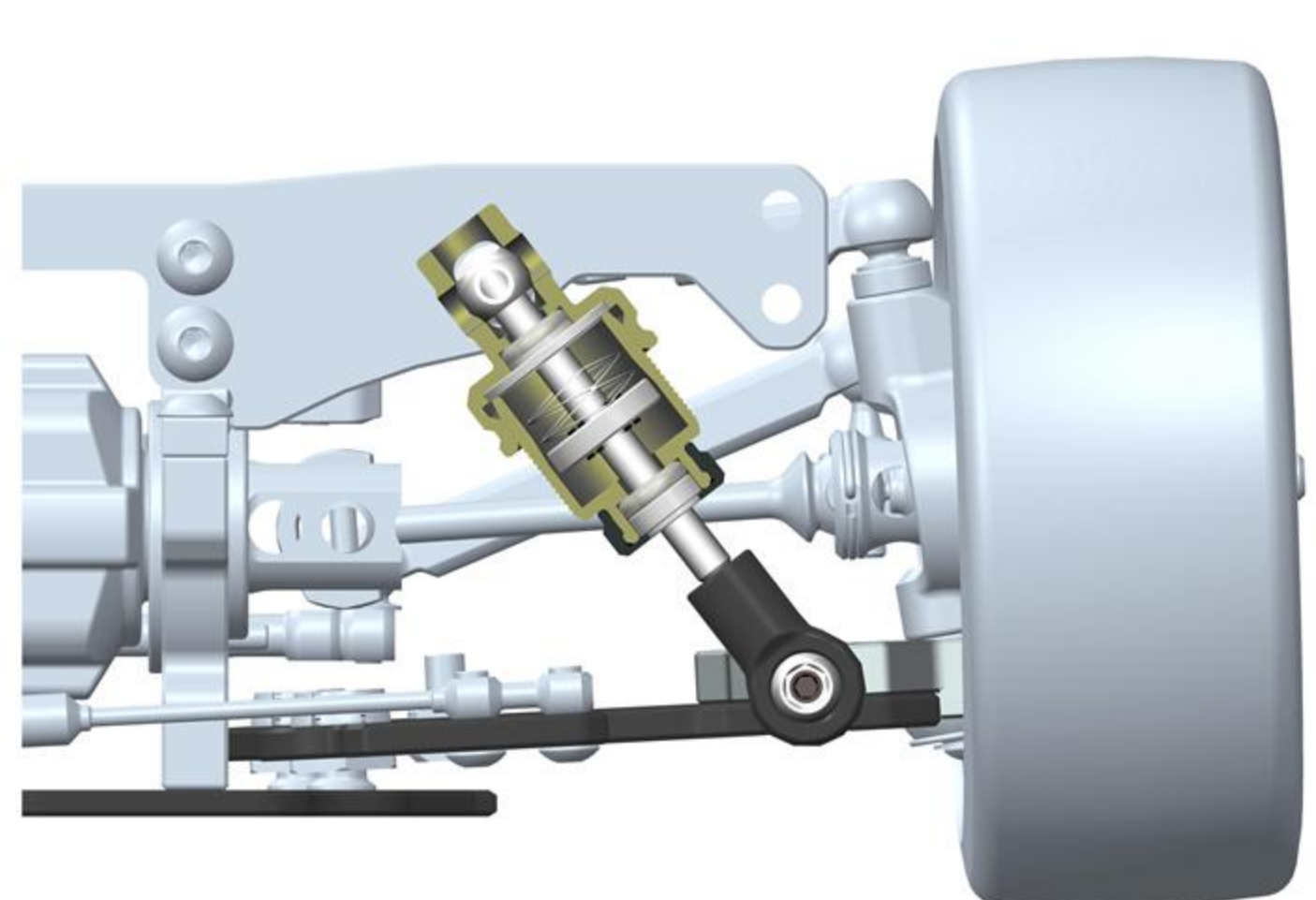




## ARS-S (ACTIVE REAR-WHEEL STEERING) SYSTEM

The innovative ARS-S system will change the toe angle of the rear wheels when the vehicle rolls. During the steering process, the rear wheels will deflect at a small angle in the same direction as the front wheels. Enhance stability when steering. This innovative design can easily fine-tune the steering angle of the rear wheel with only one screw adjustment.





**129023**  
0.2x4x3x9.5

**129033**  
0.3x4x3x9.5

**129024**  
0.2x5x4x9.5

**129034**  
0.3x5x4x9.5

**129025**  
0.2x6.5x5x9.5

**129035**  
0.3x6.5x5x9.5

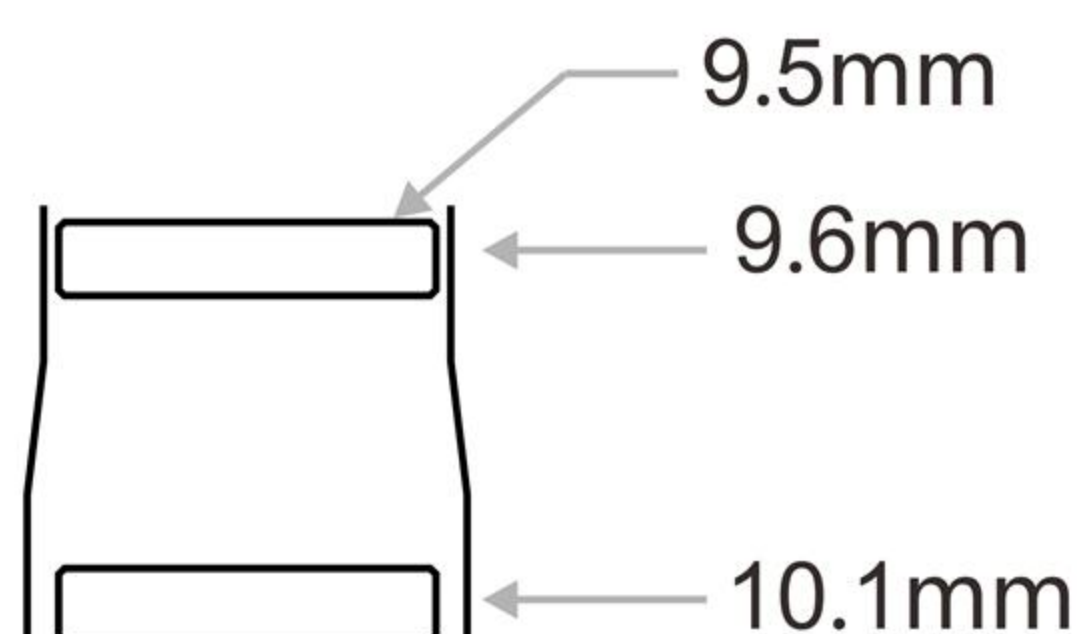
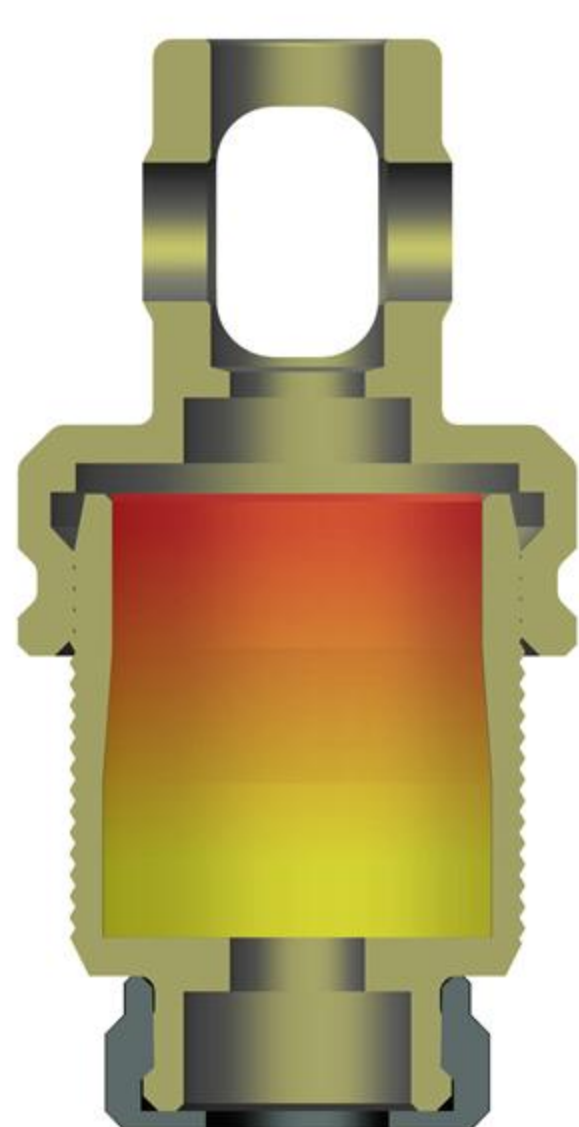
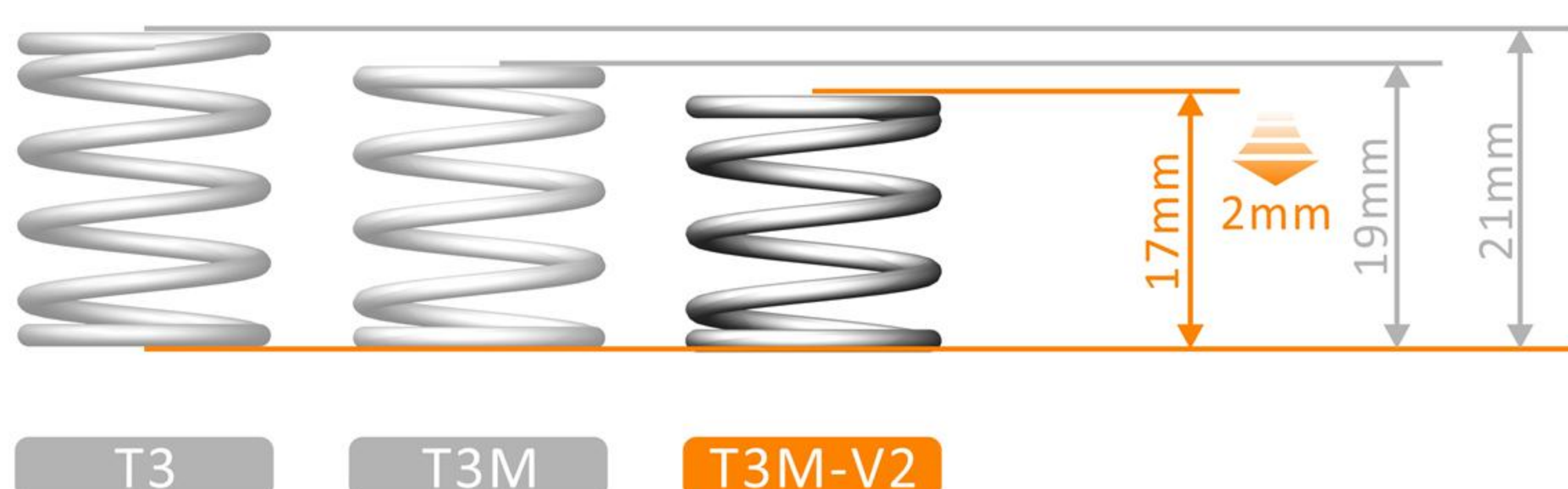
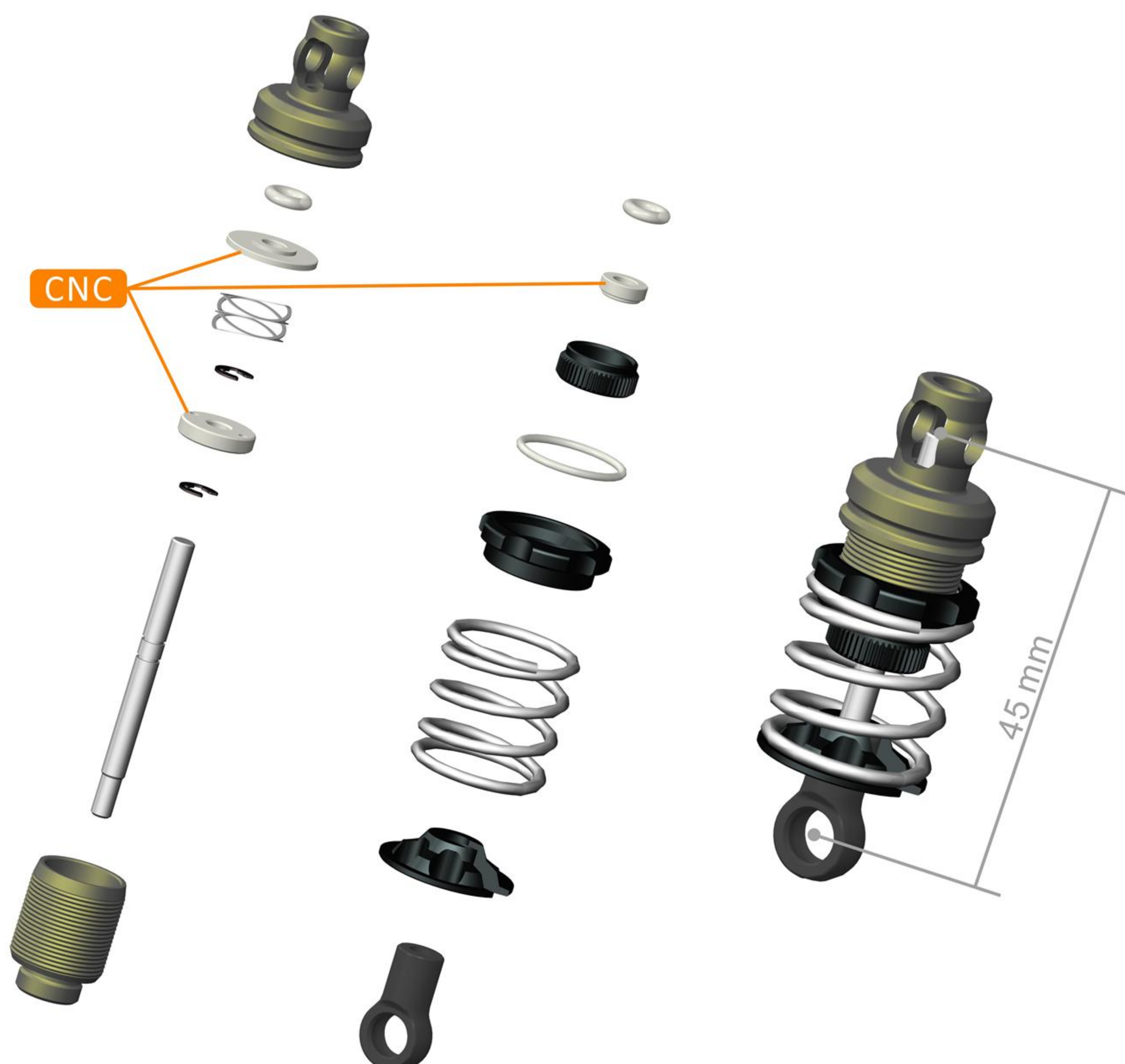


**MTS T3M-V2**

## 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.



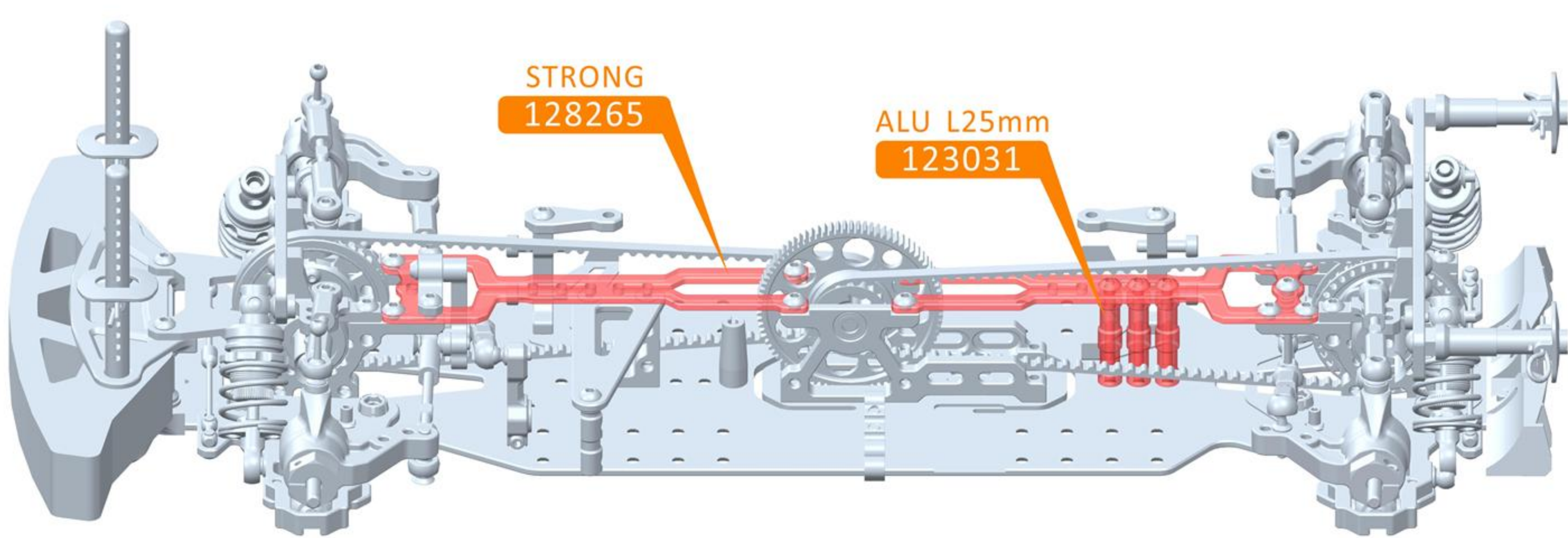
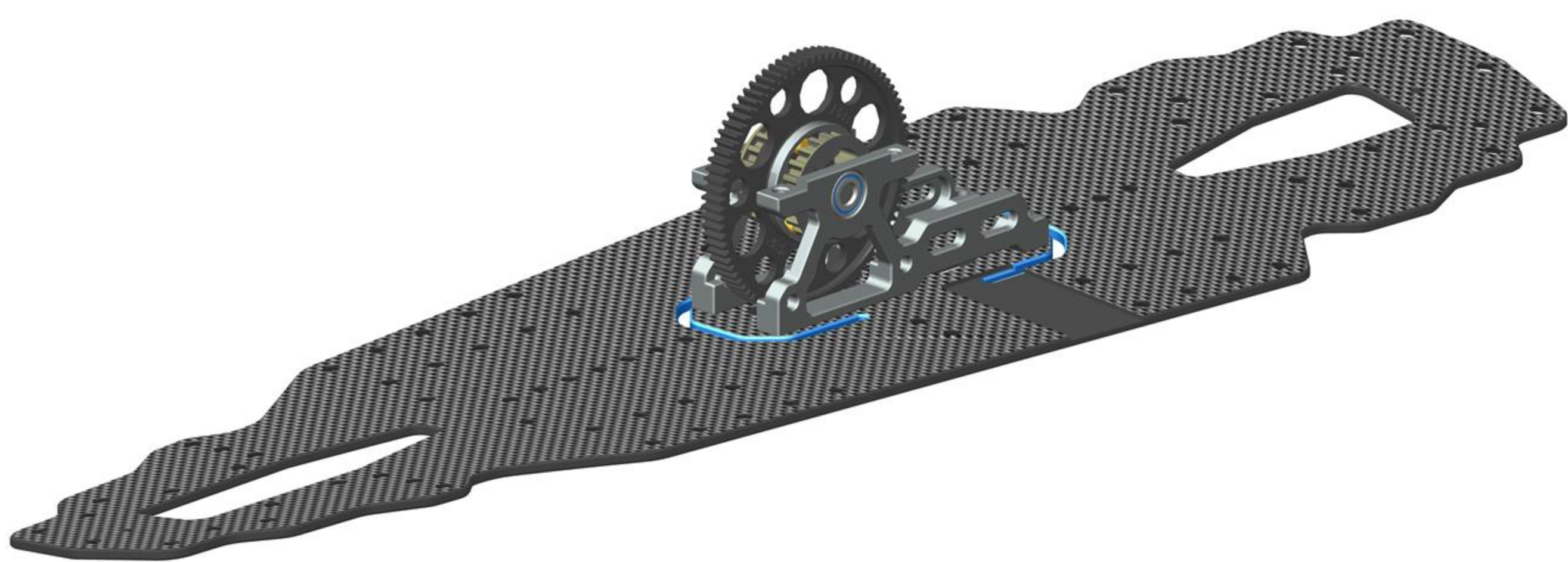
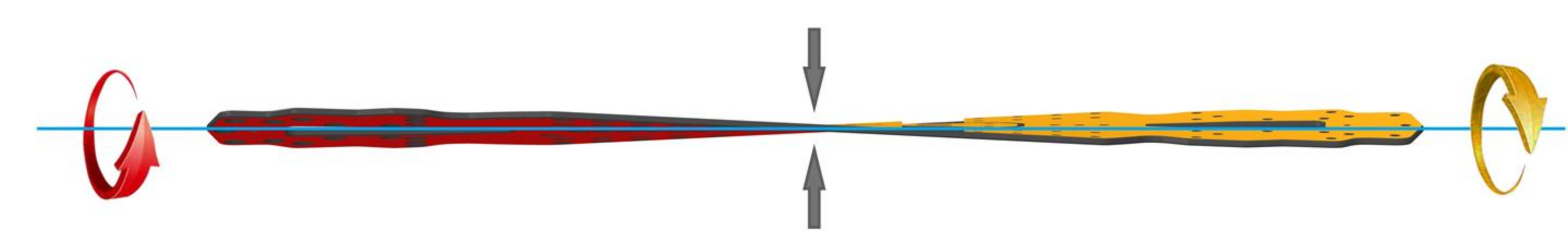
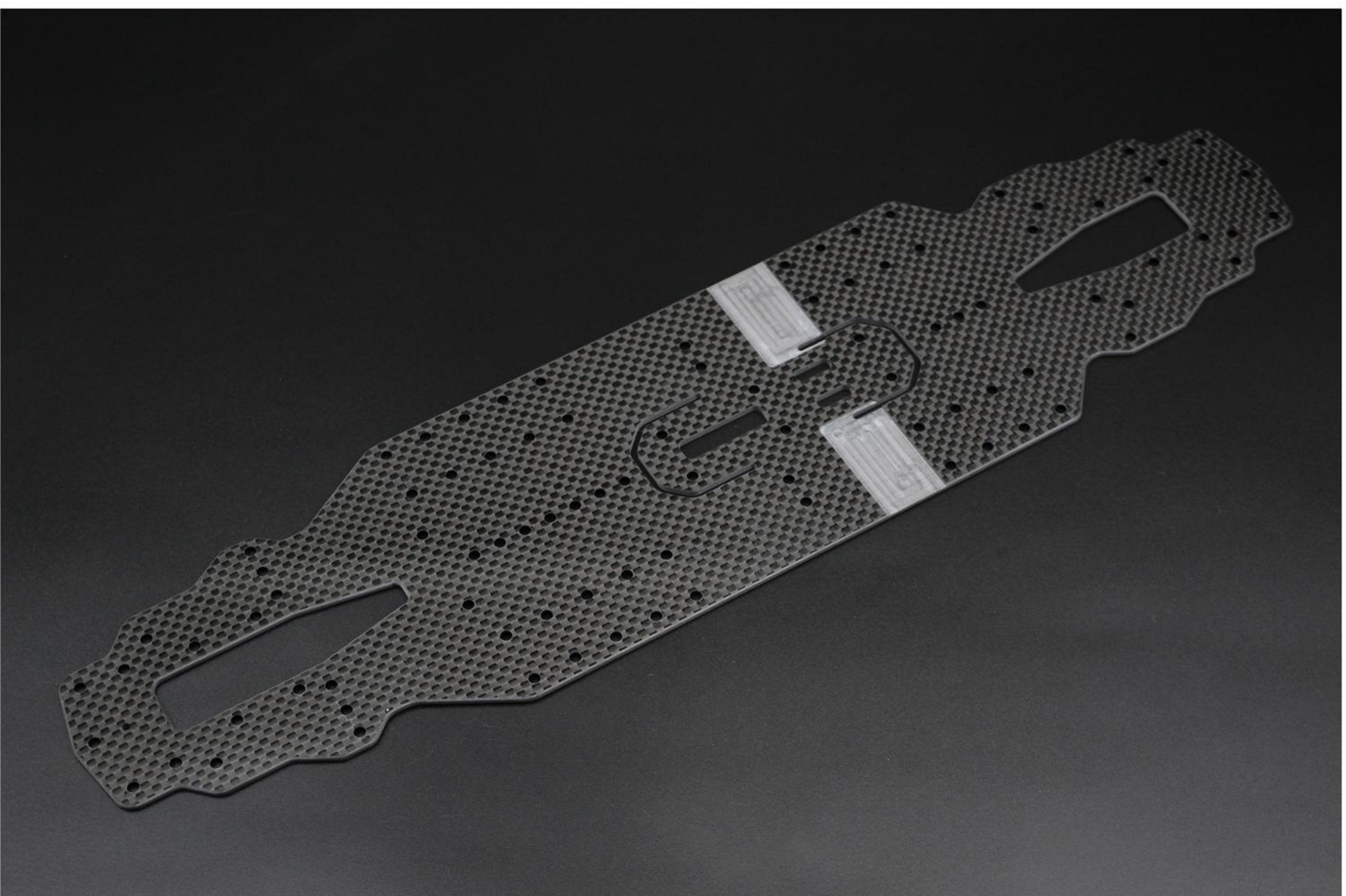


**MTS T3M-V2**

## SHORTER REDUCE AIR SHOCK DAMPER

The upgrade shorter reduce air shock (RAS) damper is 45mm in length and install with 17mm spring. 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.



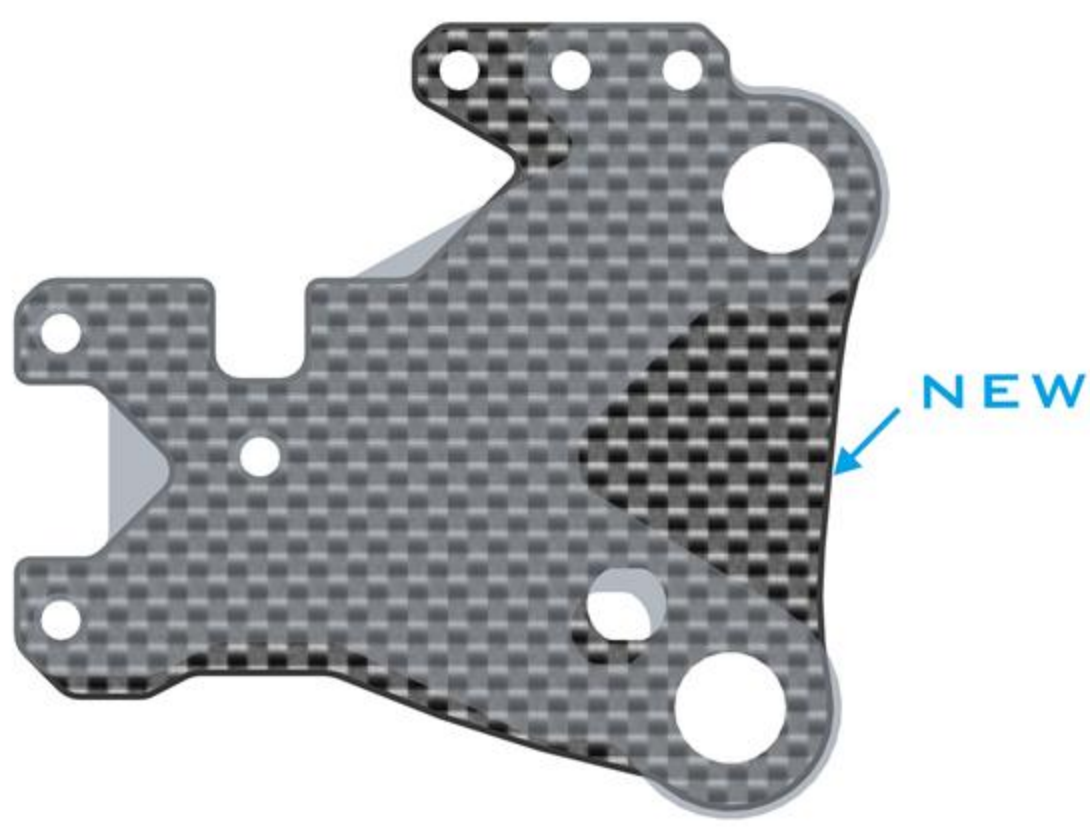


MTS T3M-V2

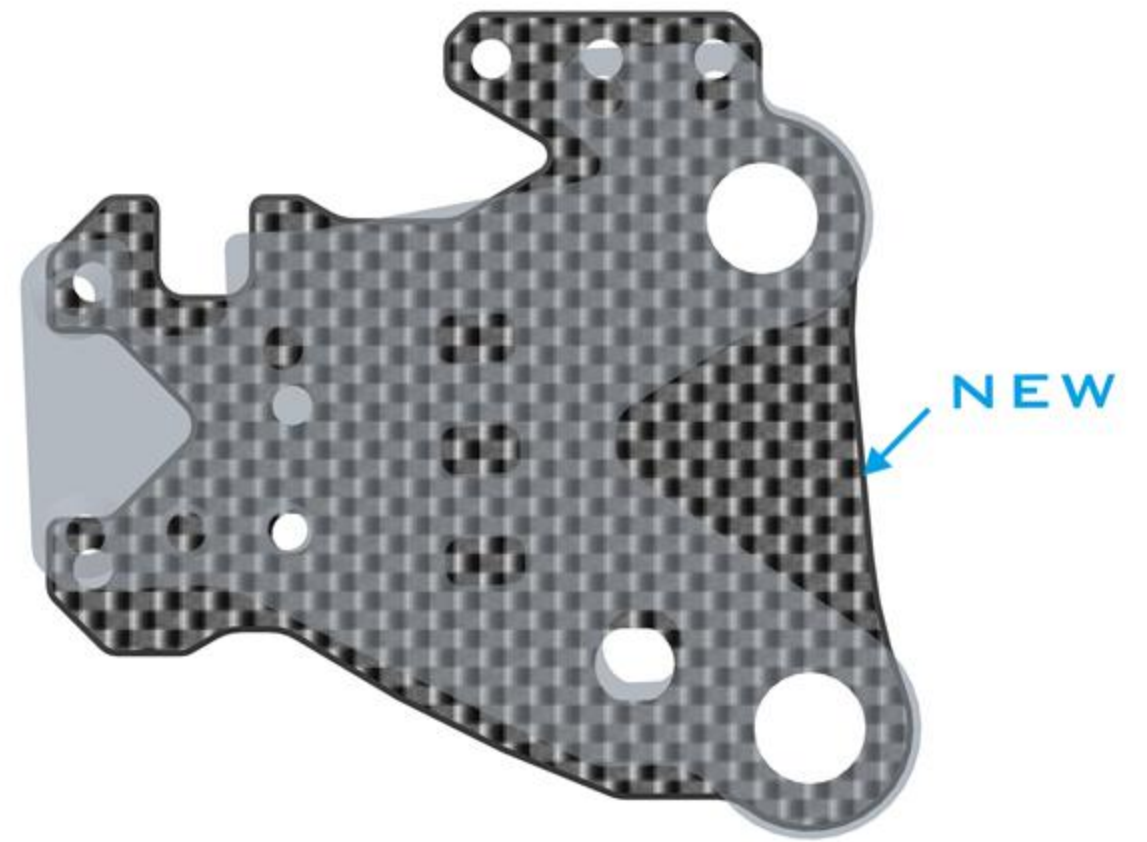
## CHASSIS OPEN RING (C-SHAPE) TWISTING CONTROL

The chassis have open ring (C-shape) enclosed the mid-motor mount area to enhance the chassis twisting flexibility in turn to have better traction rolling. Besides, the twisting flexibility can be controlled by upper front and rear desk which can be strengthened further by the mounting post.

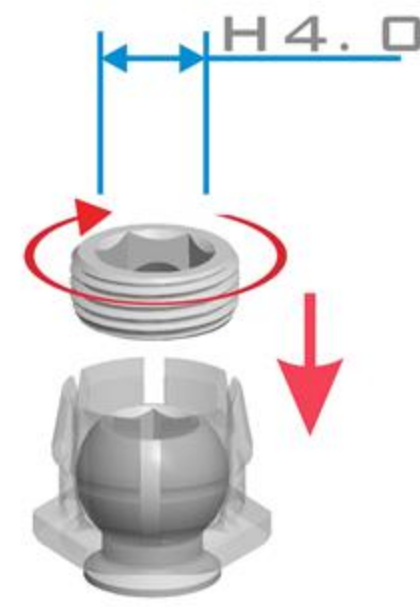
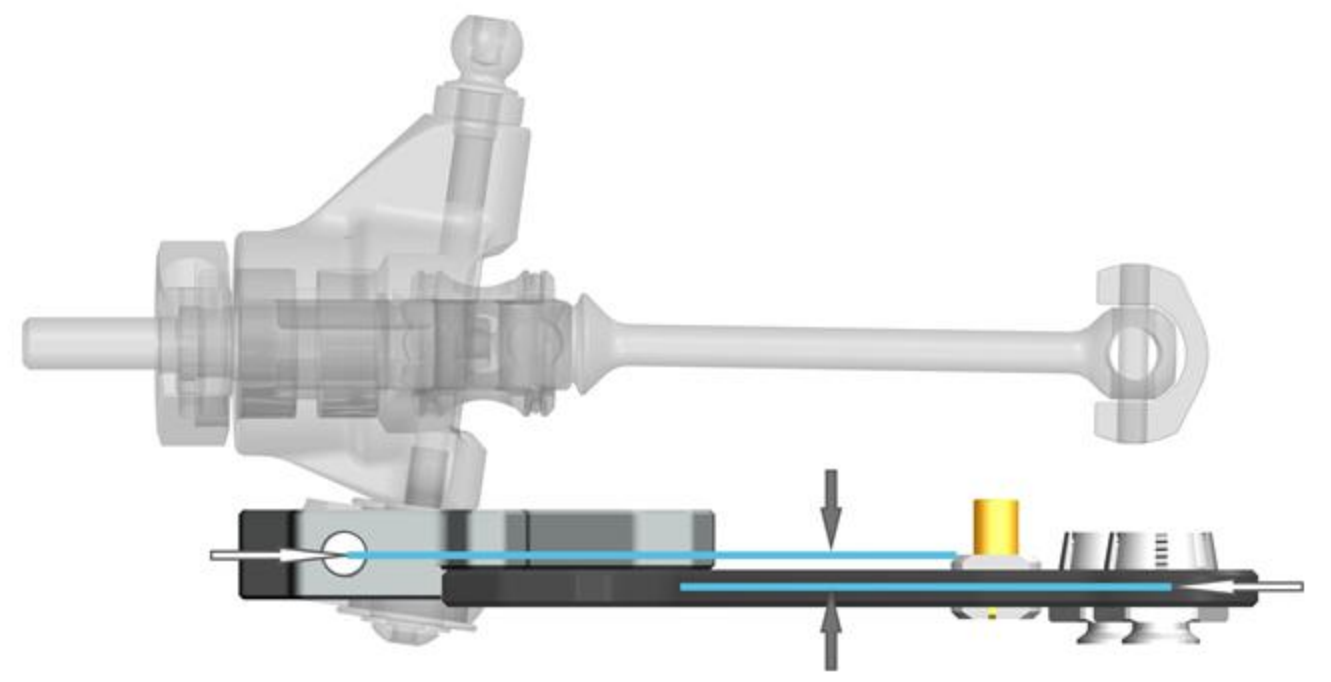
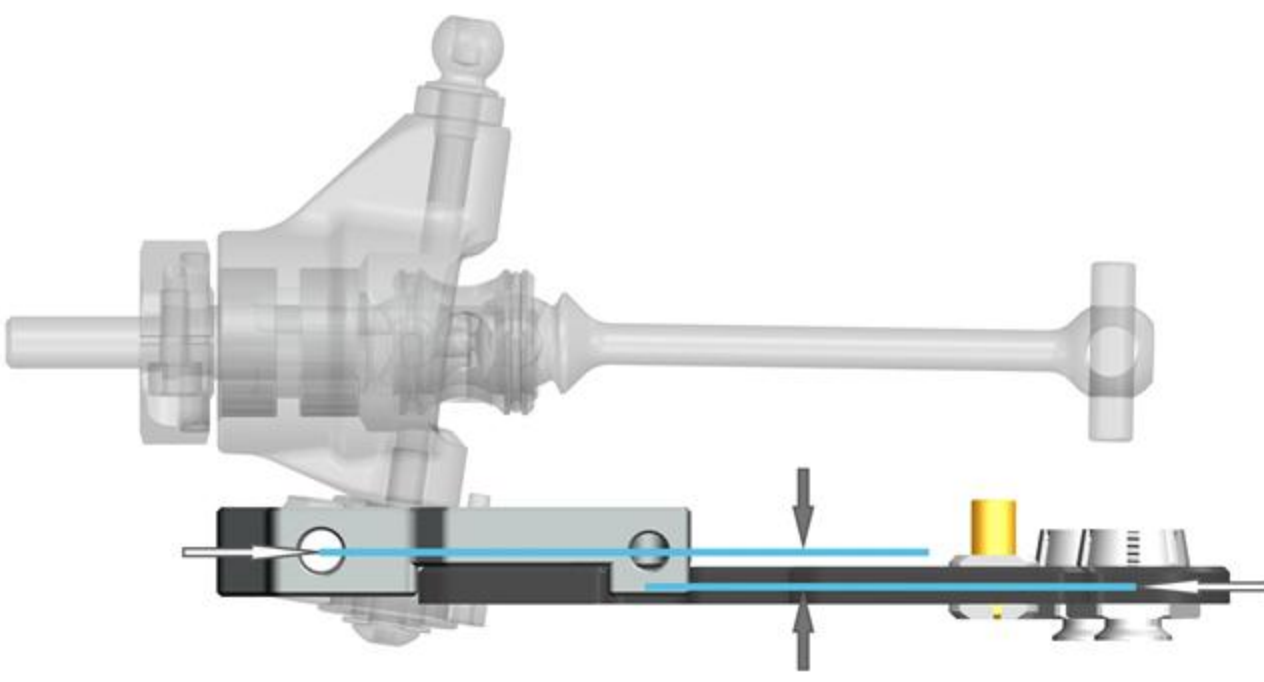




FRONT



REAR



SUSPENSION  
DAMPING  
ADJUSTMENT

**RACE**  
UPT

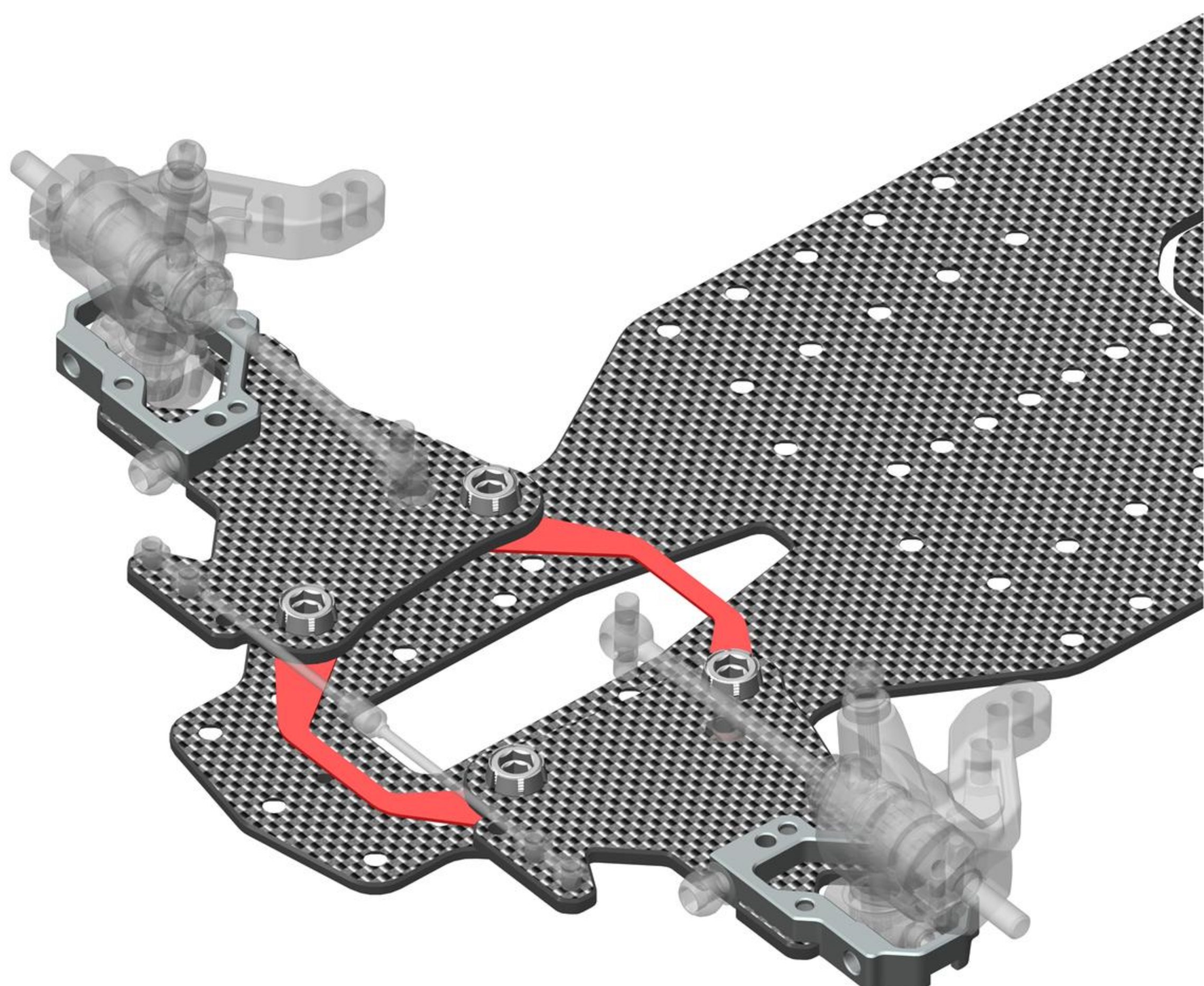
**SURF**

**MTS T3M-V2**

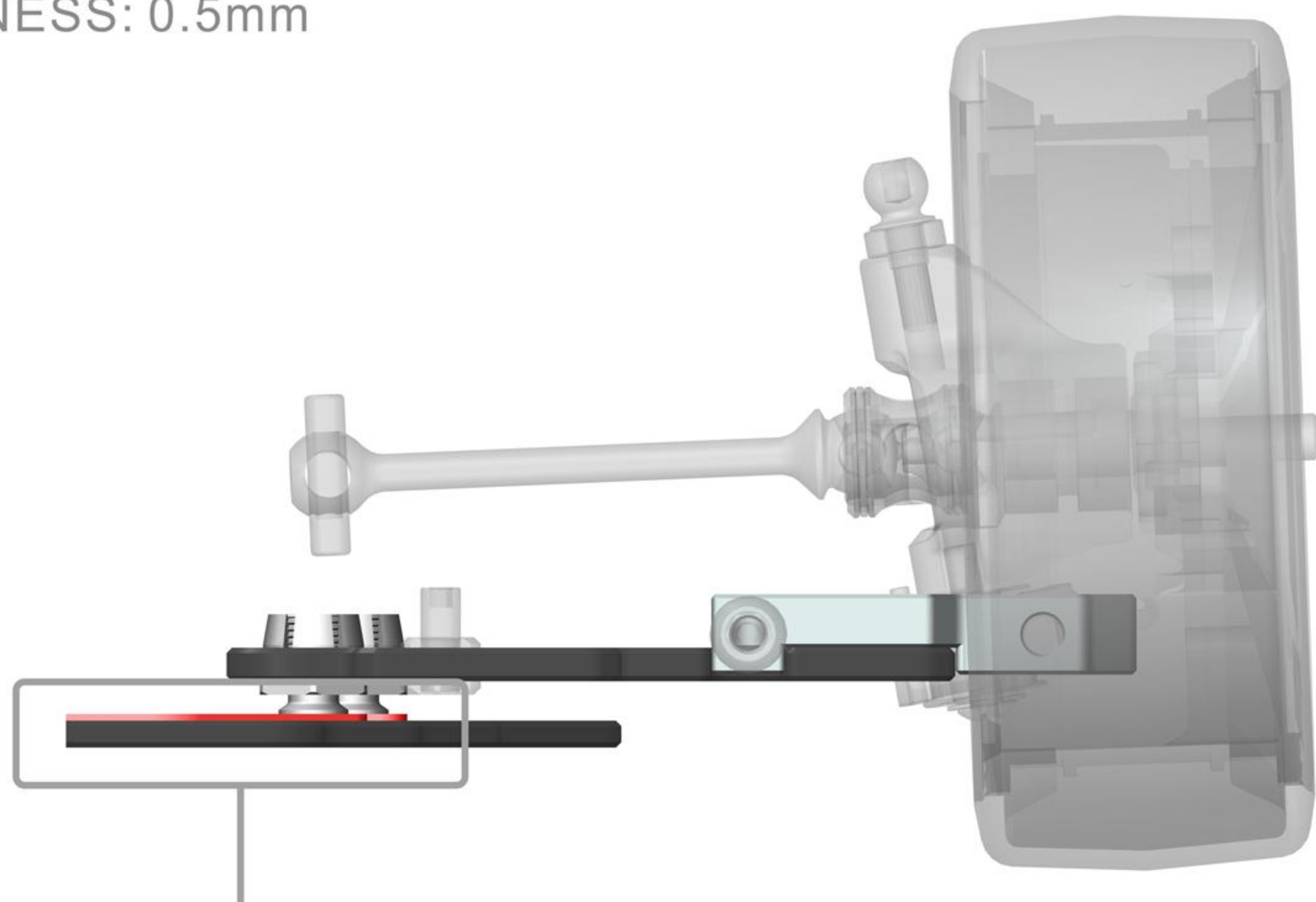
## GRAPHITE SUSPENSION ARM WITH ALUMINIUM PIVOT BALL

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

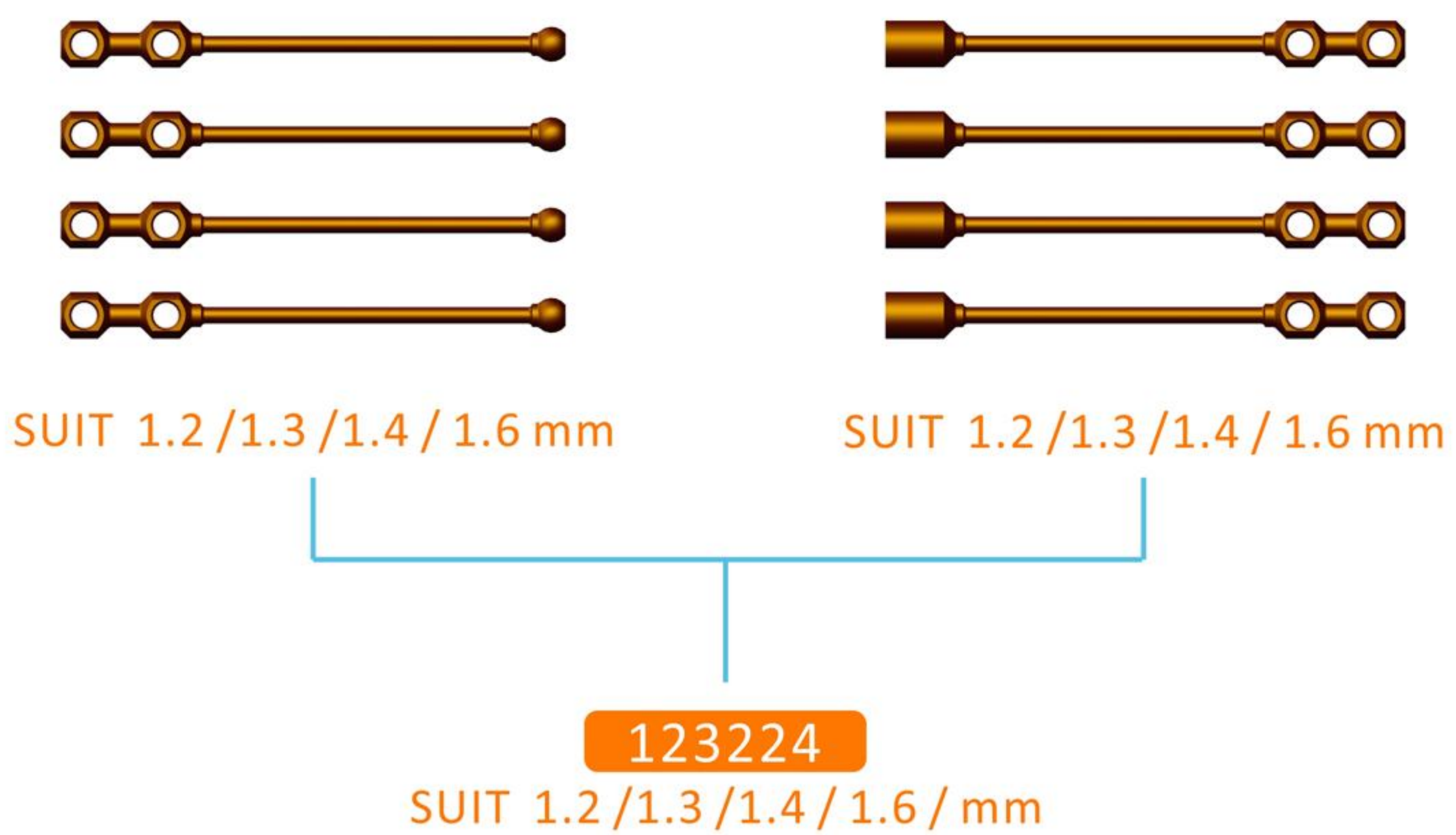


**MTS T3M-V2**

## 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.

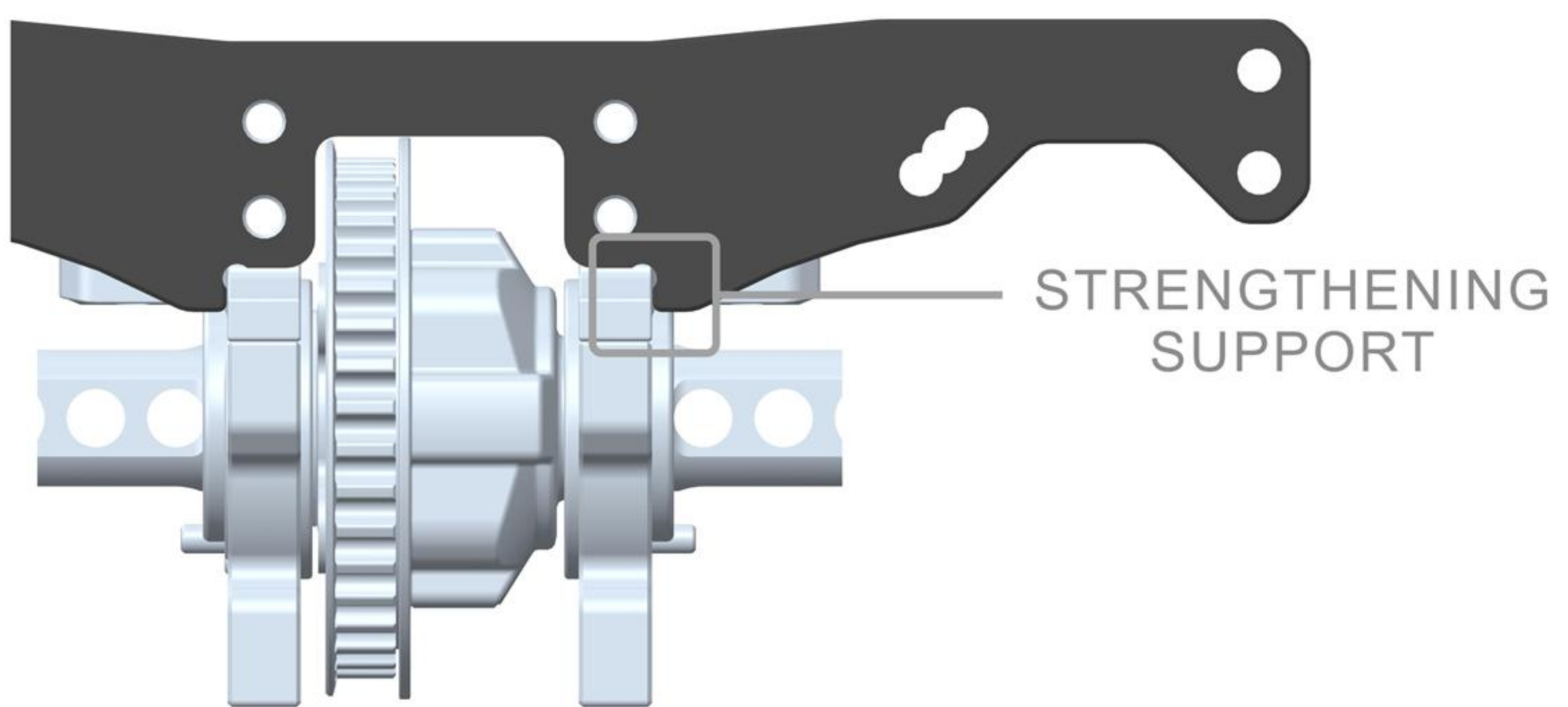
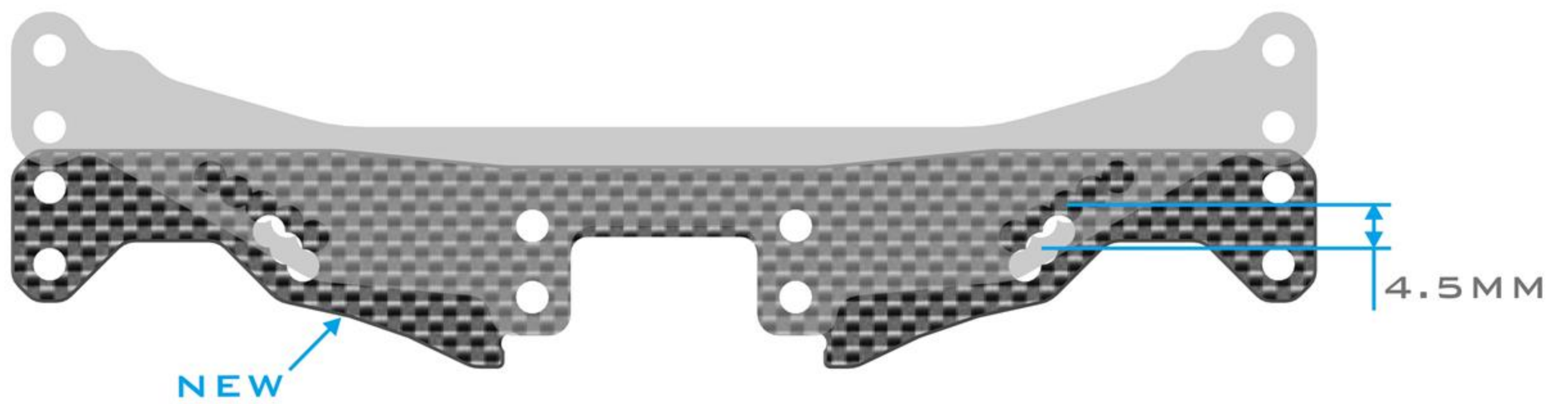
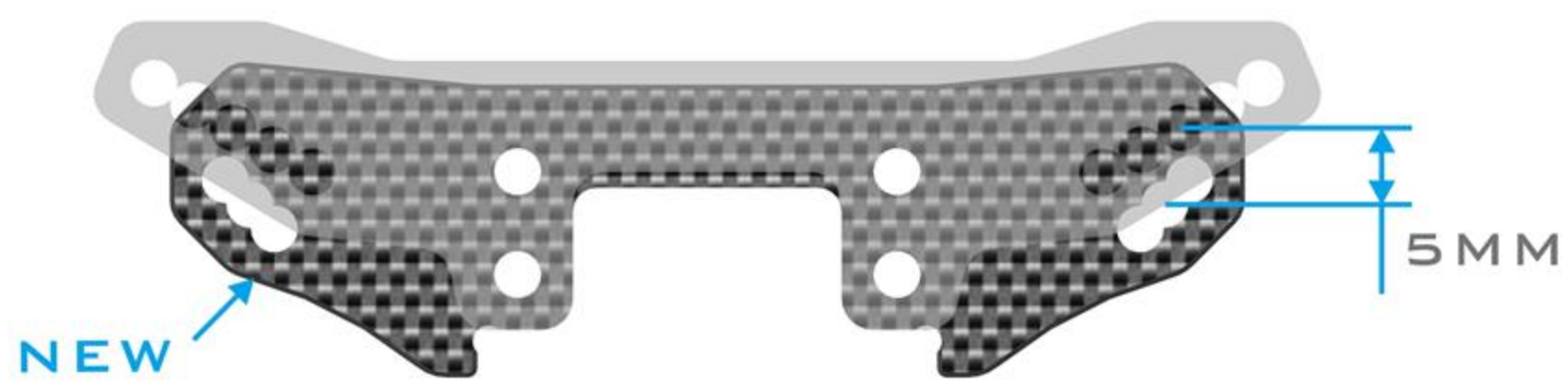




## ANTI-ROLL BAR LEVER SHAFT

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.



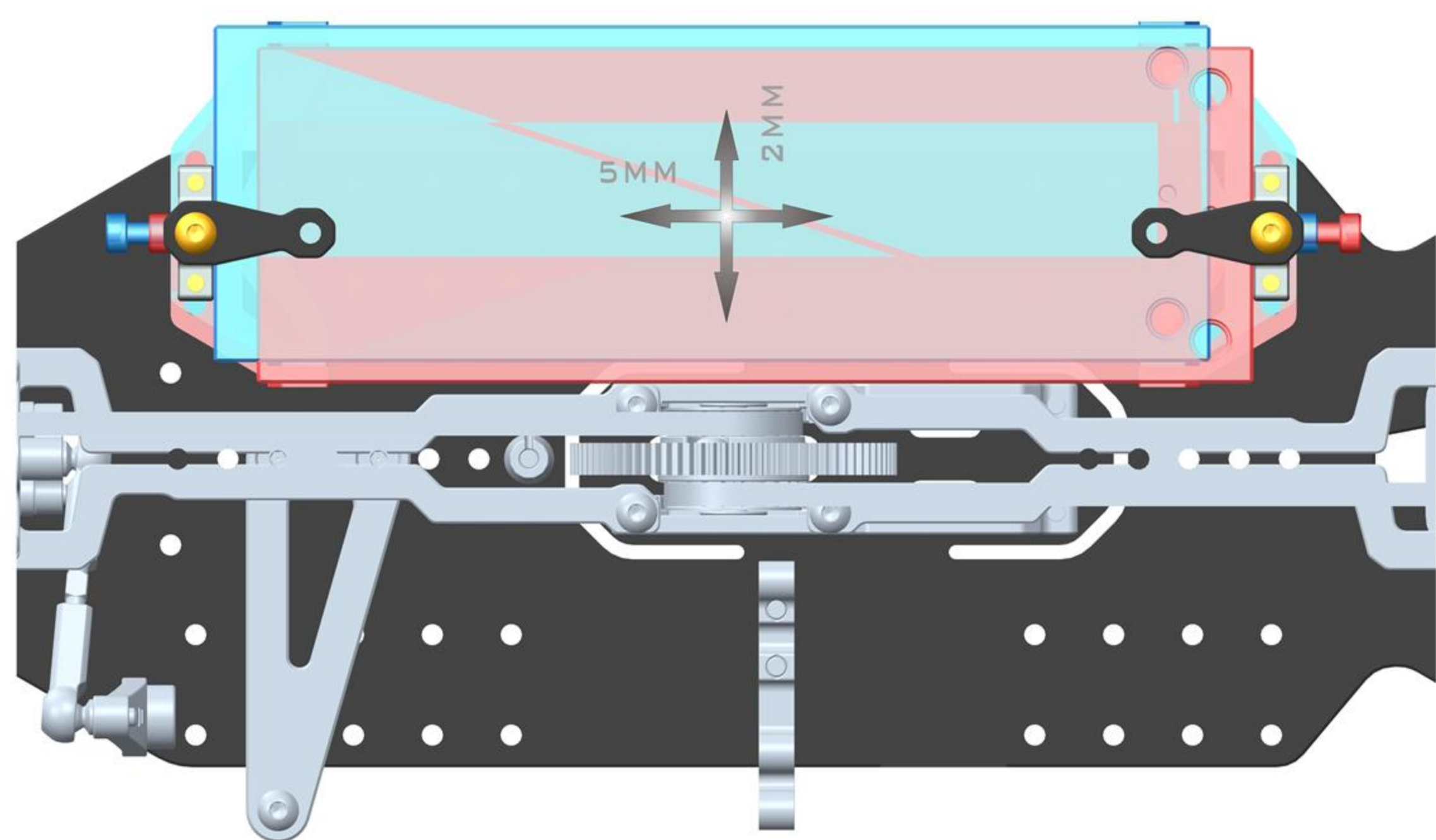
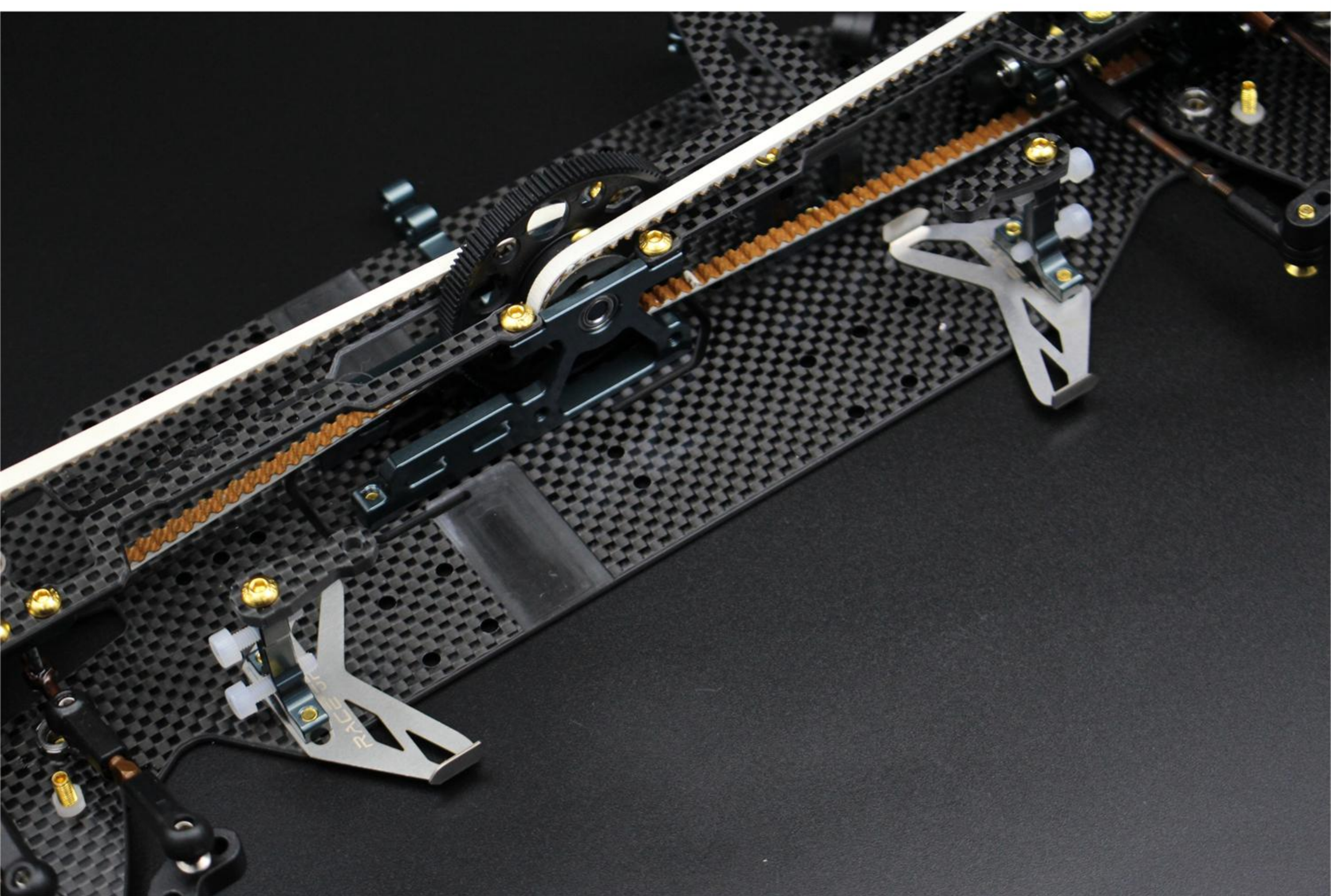


**MTS T3M-V2**

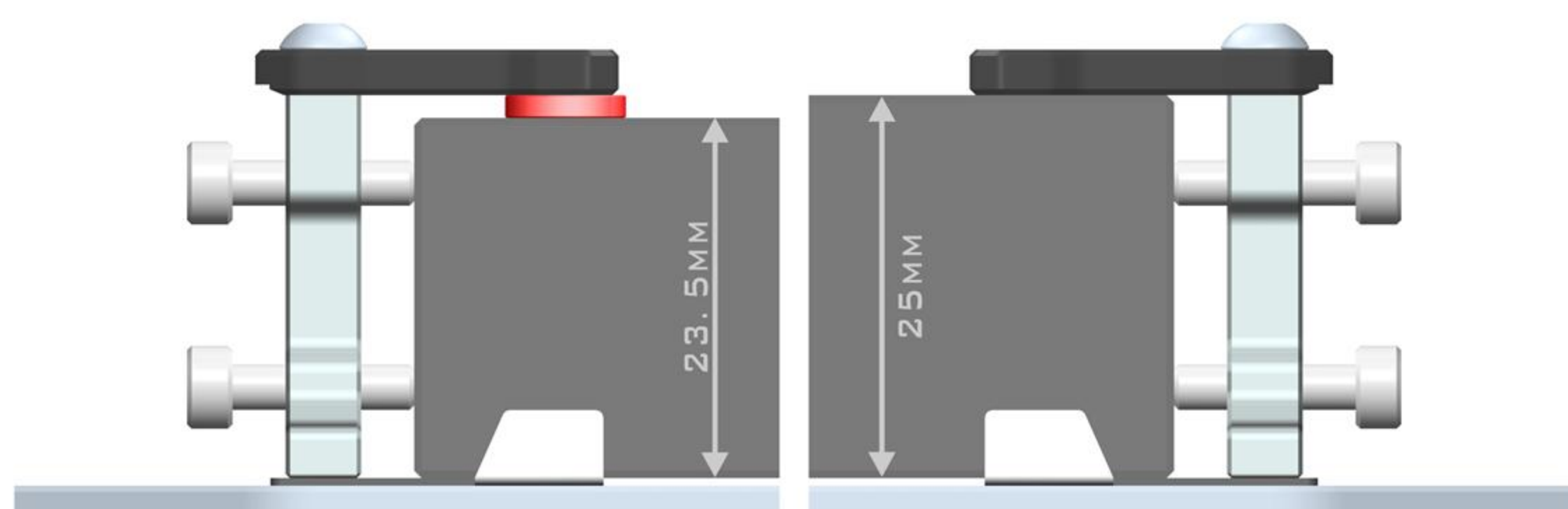
## LCG FRONT AND REAR SHOCK TOWER

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.





123063



**RACE**  
OPT

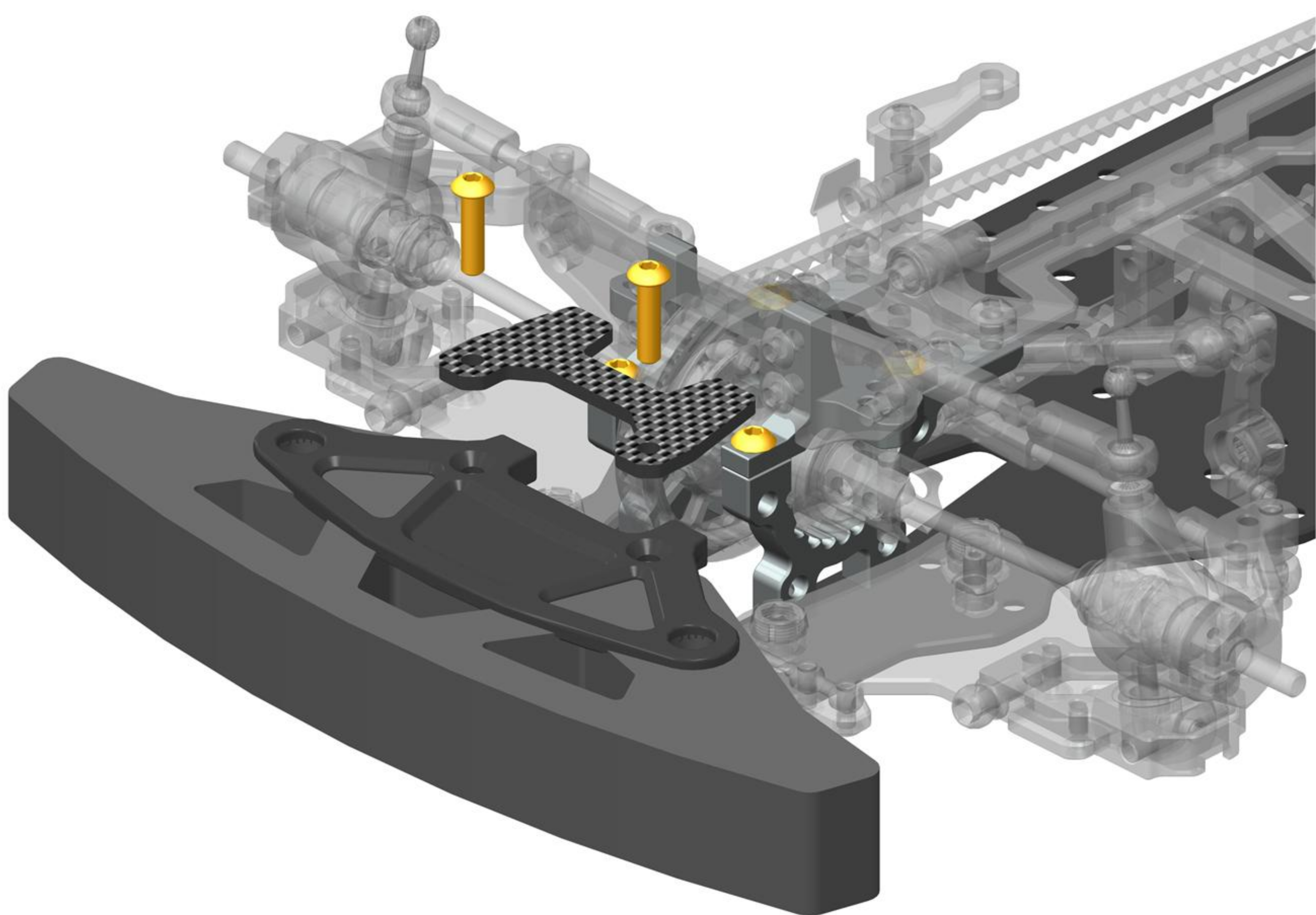
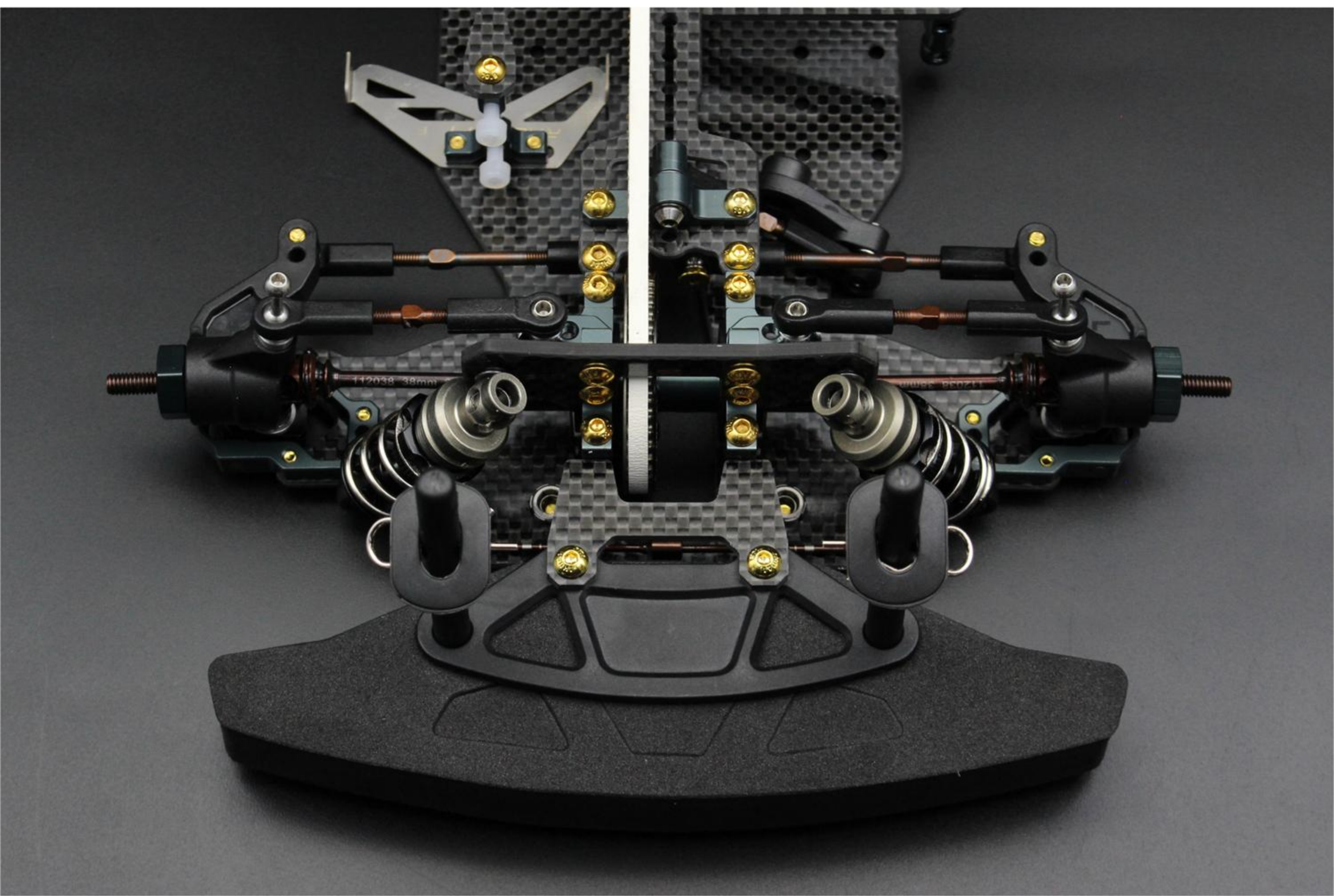
**SWIRE**

**MTS T3M-V2**

## BATTERY TWO DIMENSION ADJUSTMENT

The battery holder can provide two-dimensional battery adjustment on the chassis. The longitudinal position can be adjusted max. of 5mm and the transverse position can be adjusted max. of 2mm.



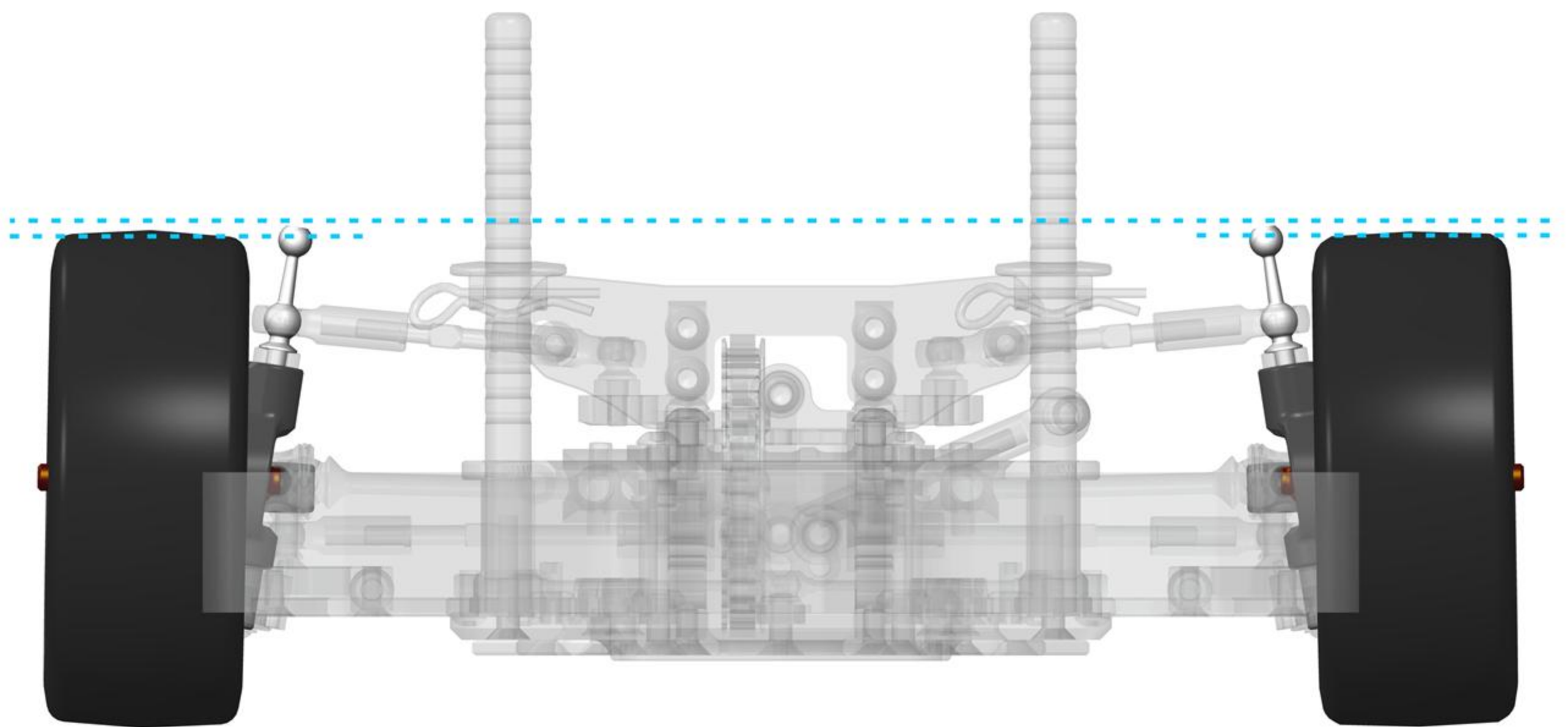
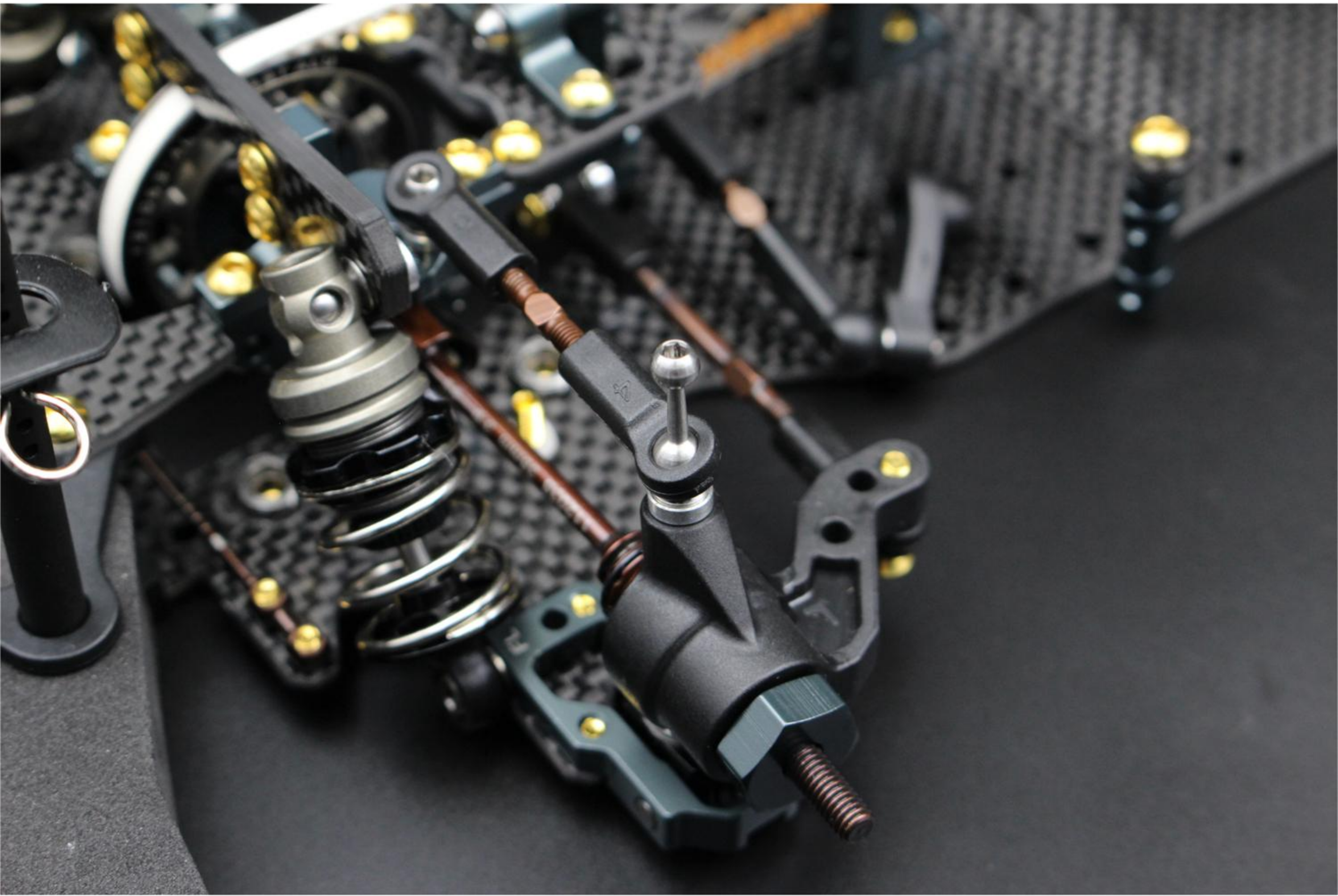


**MTS T3M-V2**

## BUMPER SUPPORTER PLATE

The bumper support plate extends to the partition area to transmit the impact force to protect the frame in case of large collision.



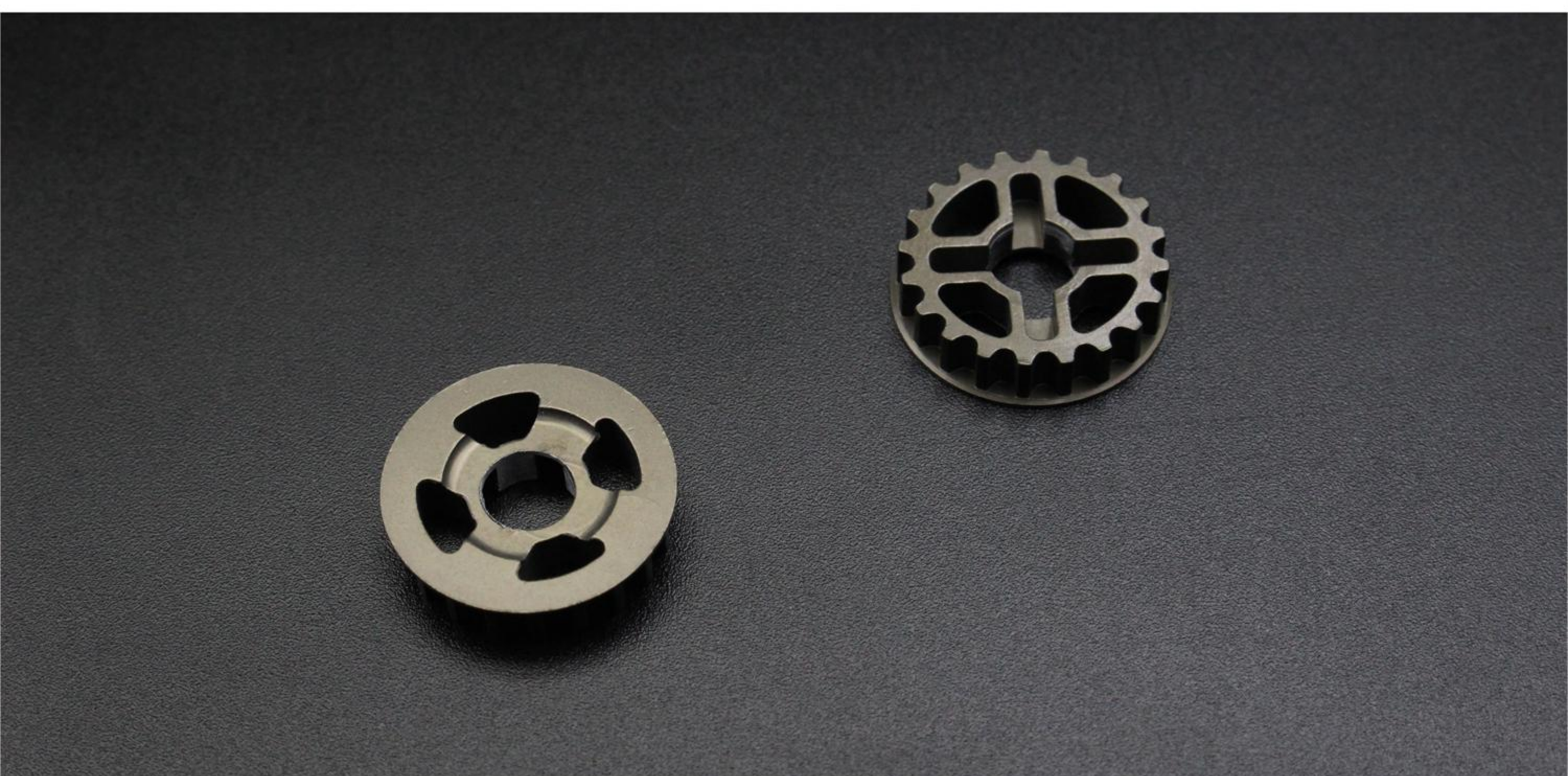


**MTS T3M-V2**

## 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.



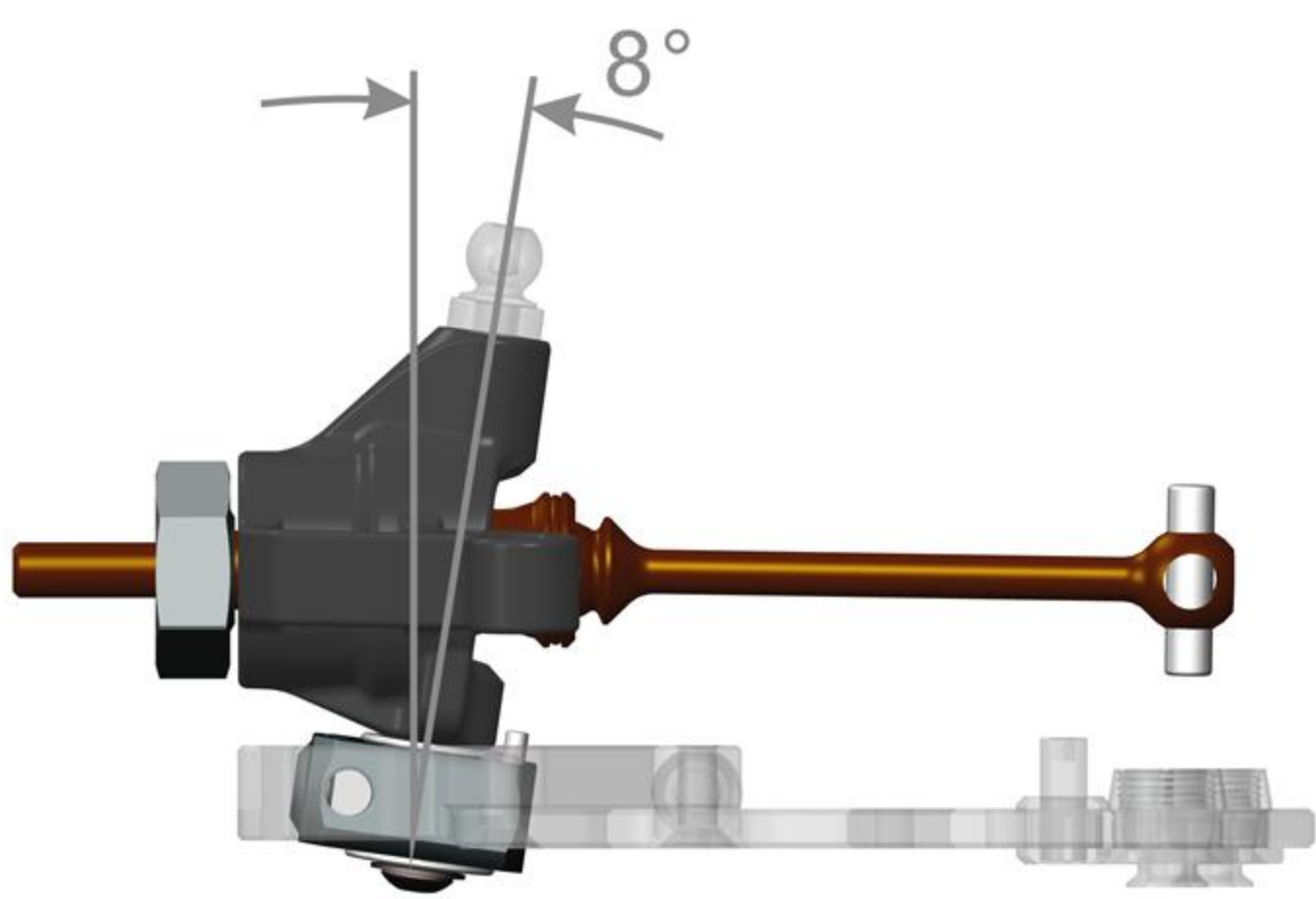
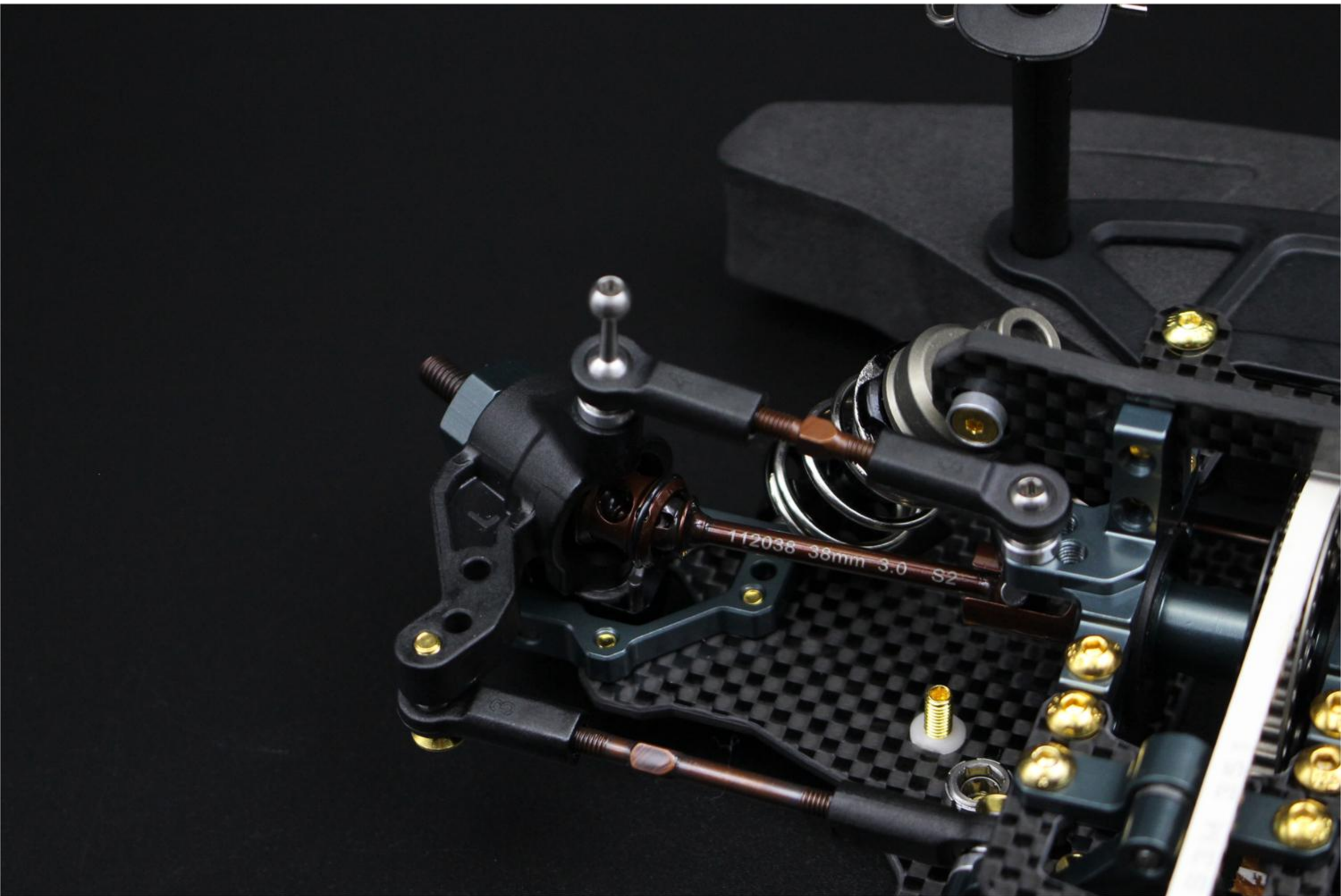


**MTS T3M-V2**

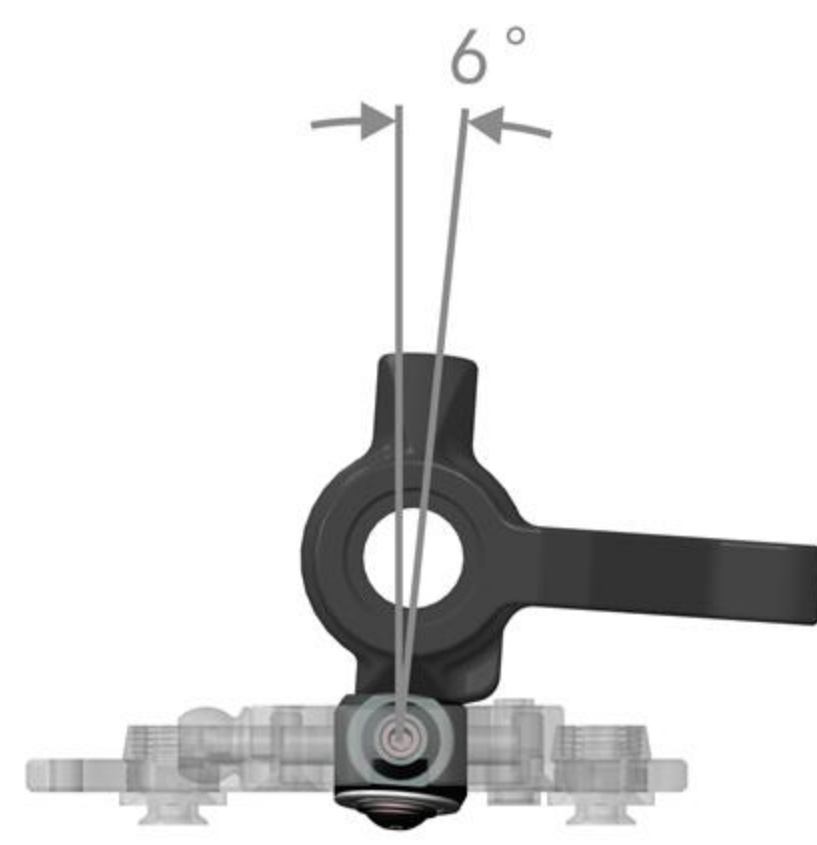
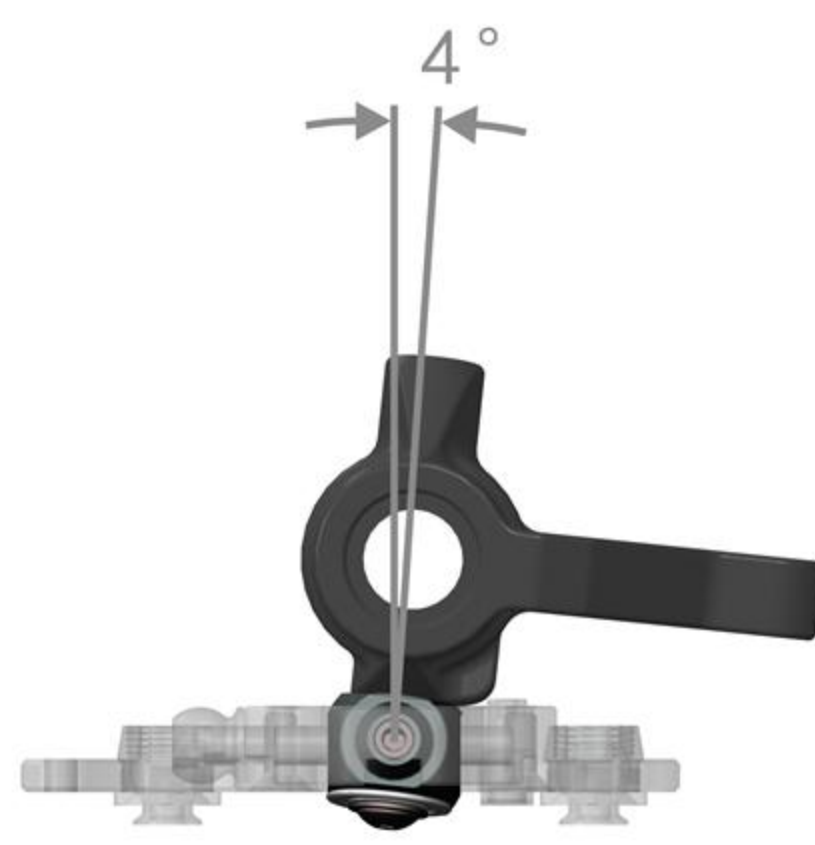
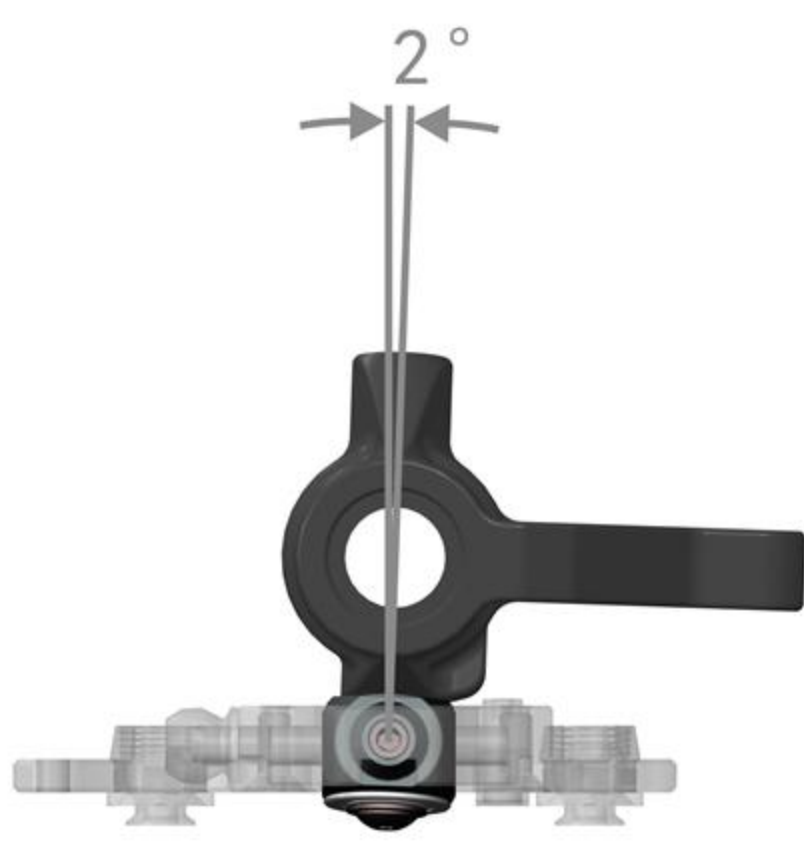
## ALUMINIUM SPUR GEAR PULLEY AND DIFF. PULLEY CASE

The aluminium Spur Gear Pulley and Diff. Pulley Case are hard-coated under precise CNC machinery which guarantee its concentricity and durability.





930518  
5x8x2.5-F



1 23702  
2°



1 23704  
4°



1 23706  
6°

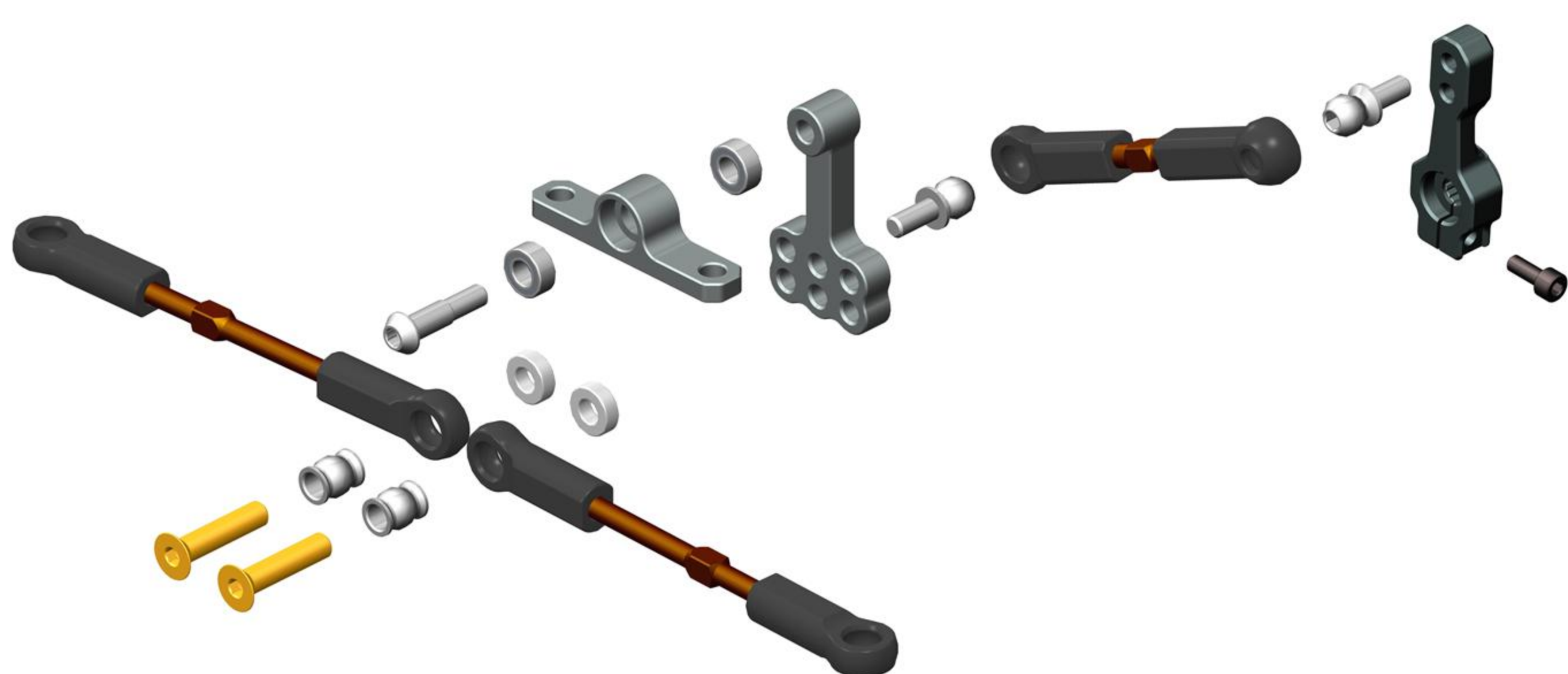


**MTS T3M-V2**

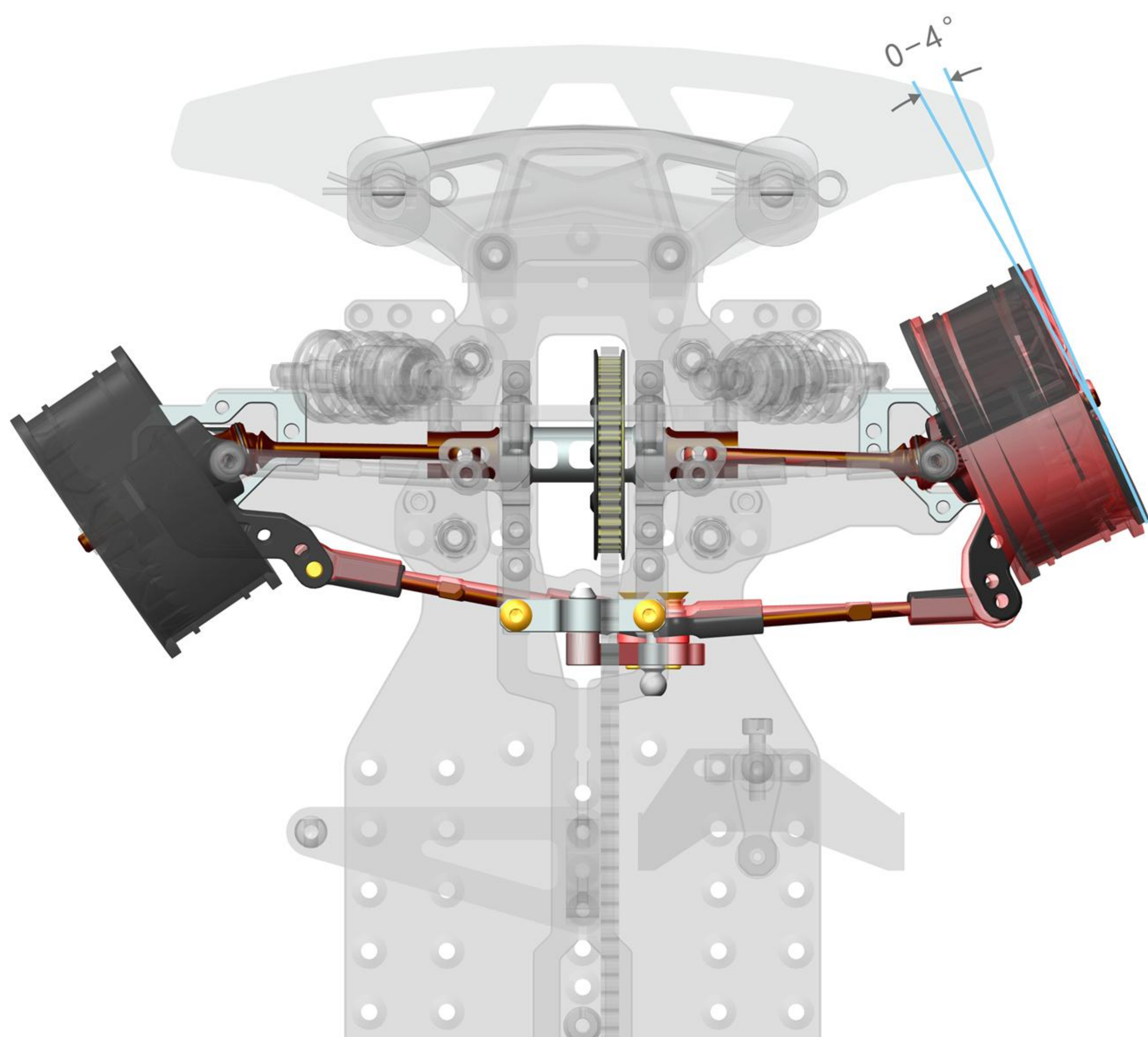
## BEARING MOUNT STEERING BLOCK

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.





ALU WASHER



RACE OPT

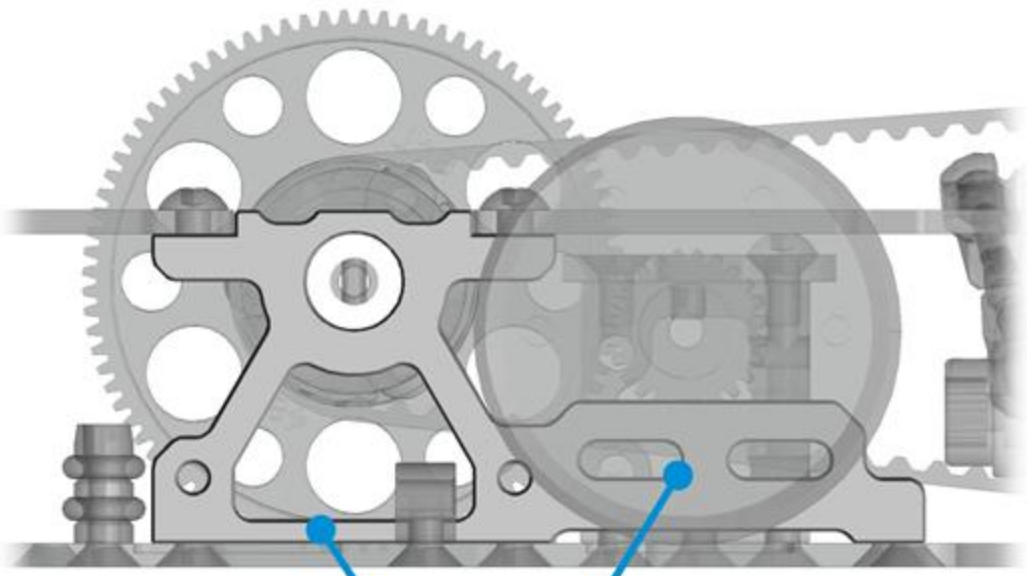
SURTC

MTS T3M-V2

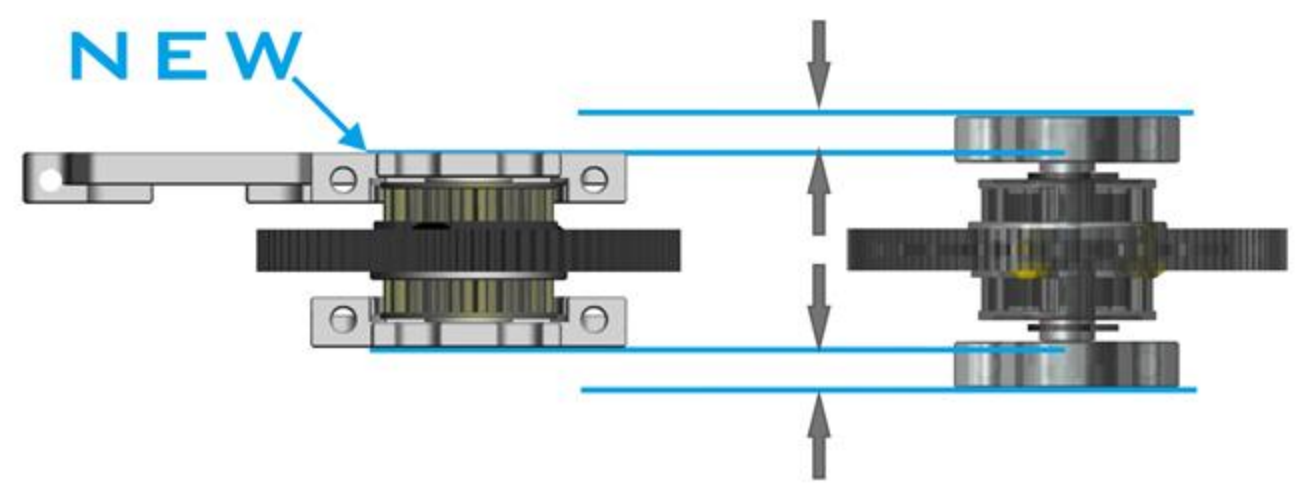
## DIRECT MIDDLE DRIVE STEERING

The steering is designed concisely by one-piece steering plate that make the servo direct drive to steering block in more accurate angle with better response and stability steering. The ackermann can be varied through different thickness collar adjustment with range  $0^{\circ} \sim 4^{\circ}$ .

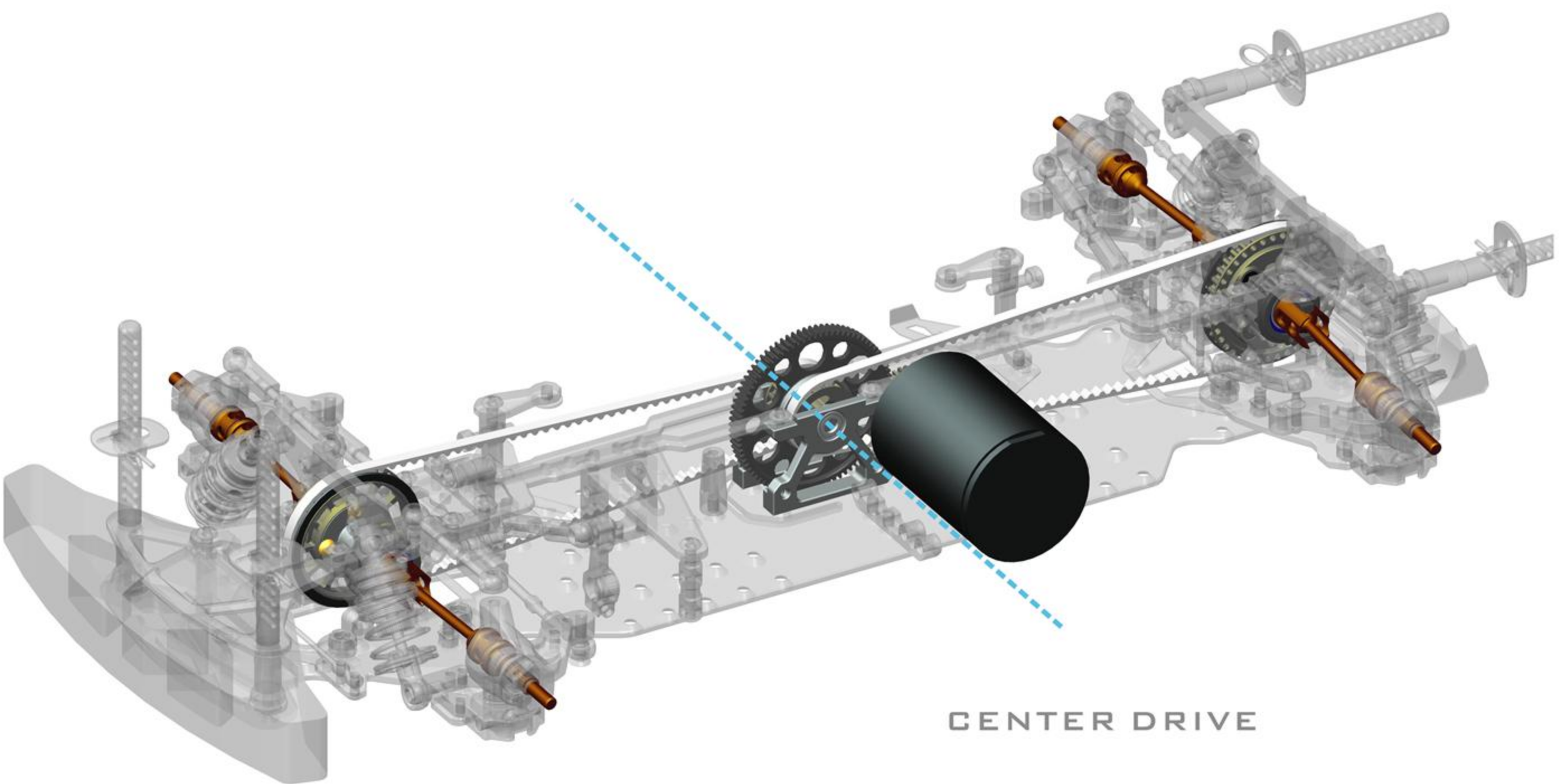




INTEGRATED  
STRUCTURE



ULTRA NARROW  
DESIGN



CENTER DRIVE

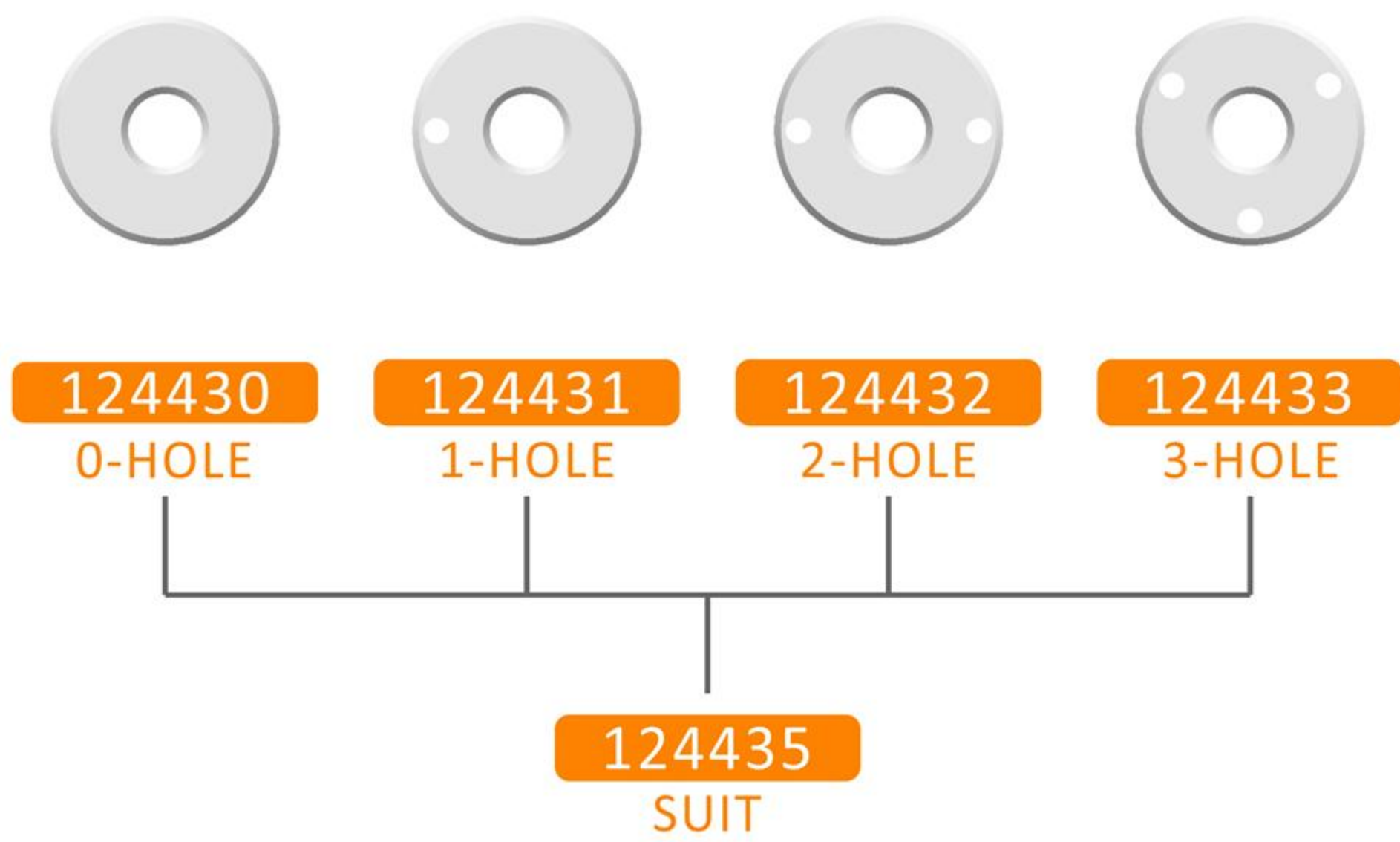



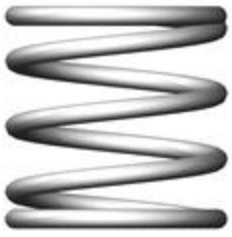

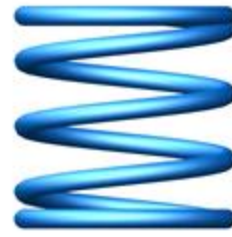
**MTS T3M-V2**

## DOUBLE SIDE MID- MOTOR MOUNT

The mid-motor mount merges with spur gear mount in a single piece with narrow space between two mounts that allow the electronic equipment installed at center to reduce extra steering momentum move. Besides, this design can avoid the belt skipping problem.





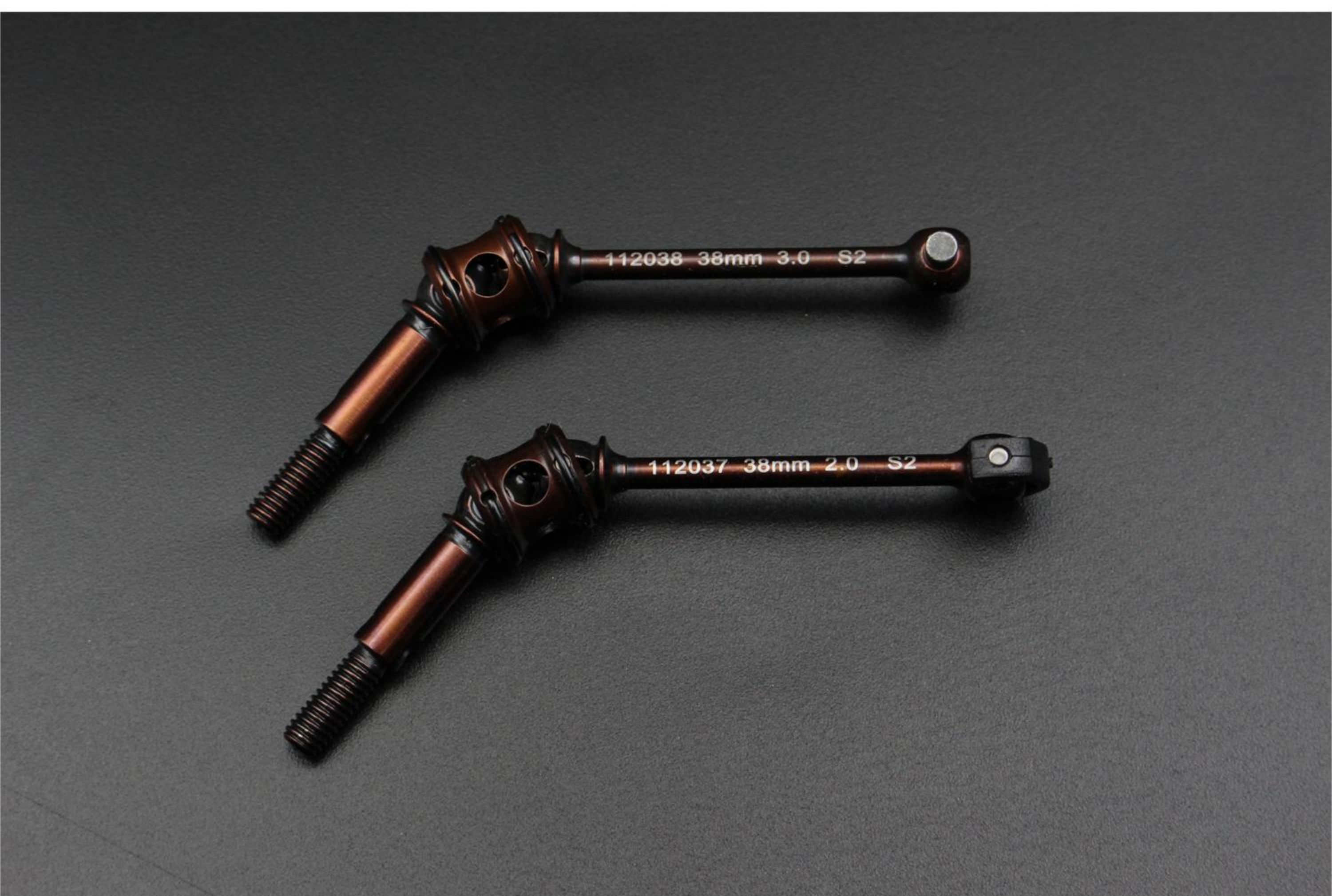
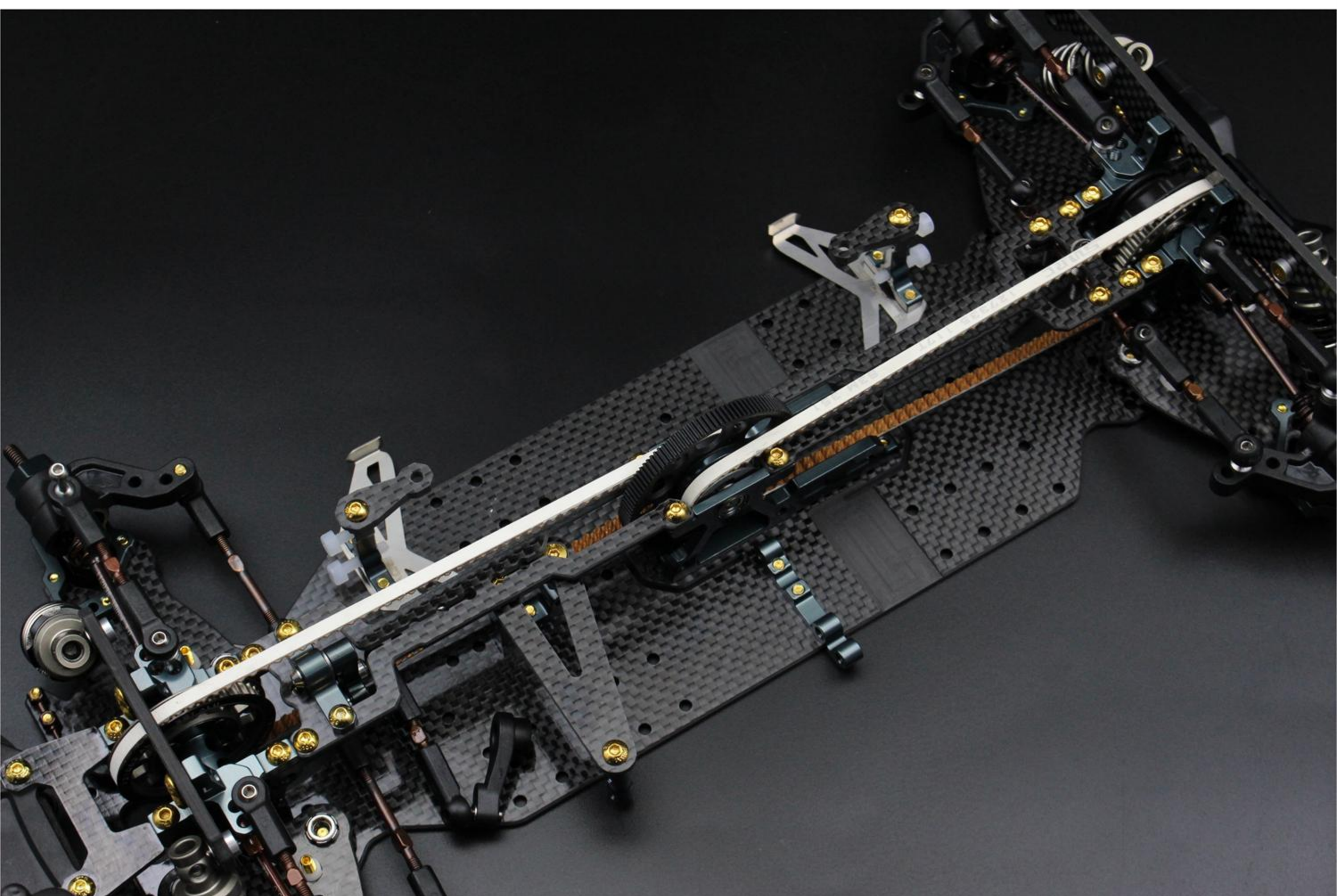
|           |  |  |  |  |
|-----------|---|---|---|---|
| <b>H0</b> | 17.00   | 17.00   | 17.00   | 17.00   |
| <b>D1</b> | 14.00   | 14.00   | 14.00   | 14.00   |
| <b>N</b>  | 4.5   | 5.0   | 5.5   | 6.0   |
| <b>D</b>  | 1.4   | 1.4   | 1.4   | 1.4   |
| <b>F</b>  | 4.0KG   | 3.5KG   | 3.0KG   | 2.5KG   |
|           | <b>129345</b>   | <b>129350</b>   | <b>129355</b>   | <b>129360</b>   |



## RAS SHOCK DAMPER OPTION PARTS

It has 4 kind of pistions for selection. For the shock spring, it has 4 kind hardness with different colors for selection.





**MTS T3M-V2**

## DRIVING SYSTEM

Front and rear use three section universal CVD joint which is made of S2 spring steel material with better strength. In addition to high precision bearing installed will increase the rotation smoothness for the whole driving system.



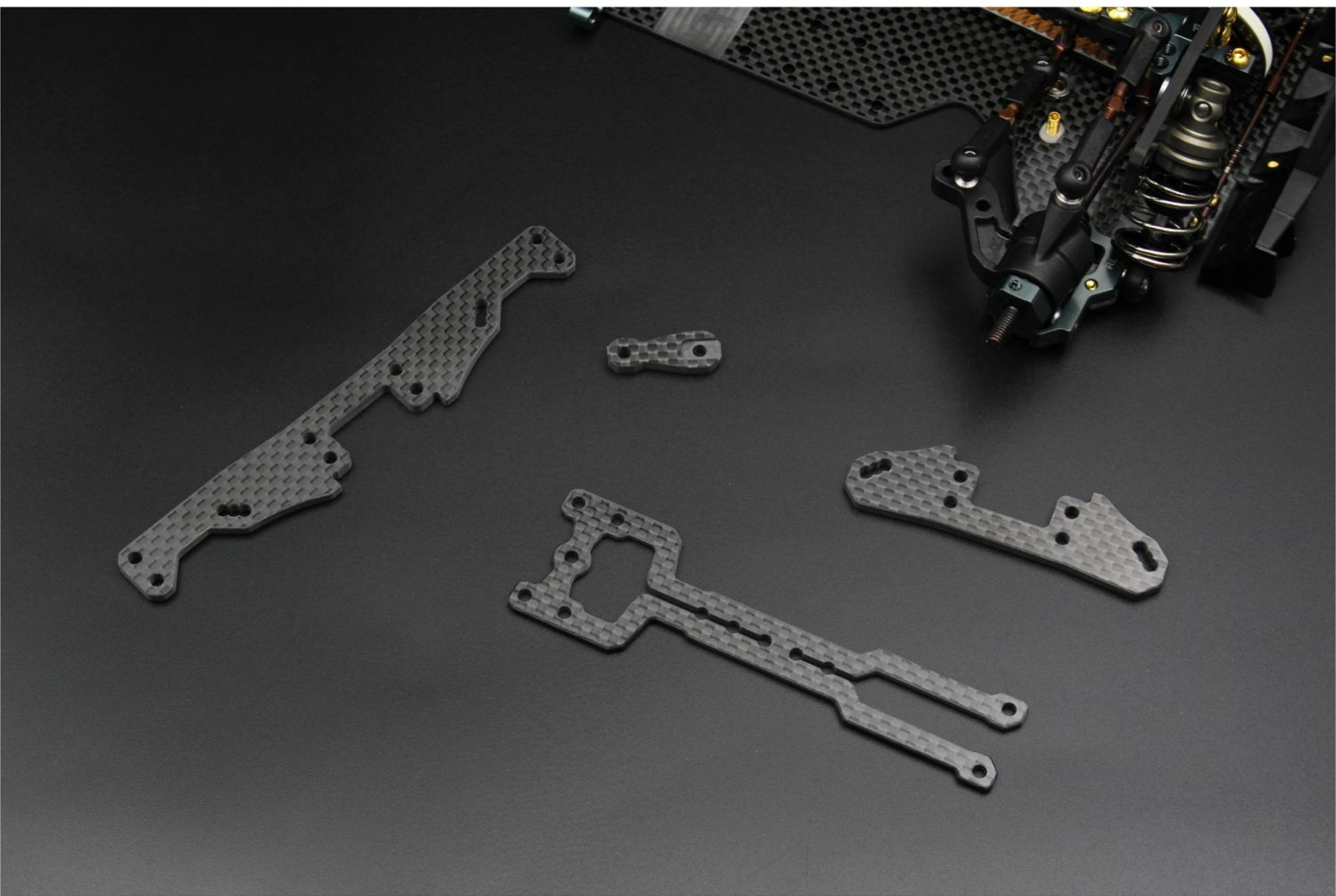


**MTS T3M-V2**

## ALUMINIUM PART

Full option aluminum parts installed on the kit are made of precise CNC machinery and it is hard-coated material with better strength.





**MTS T3M-V2**

## CARBON GRAPHITE PARTS

Include 9pcs carbon parts such as chassis, upper deck, suspension arm, front and rear tower ...etc which are made of the top grade carbon graphite material with the best strength and lifetime. Besides, each graphite part edge is chamfered to avoid the edge got damaged easily while in collision impact.



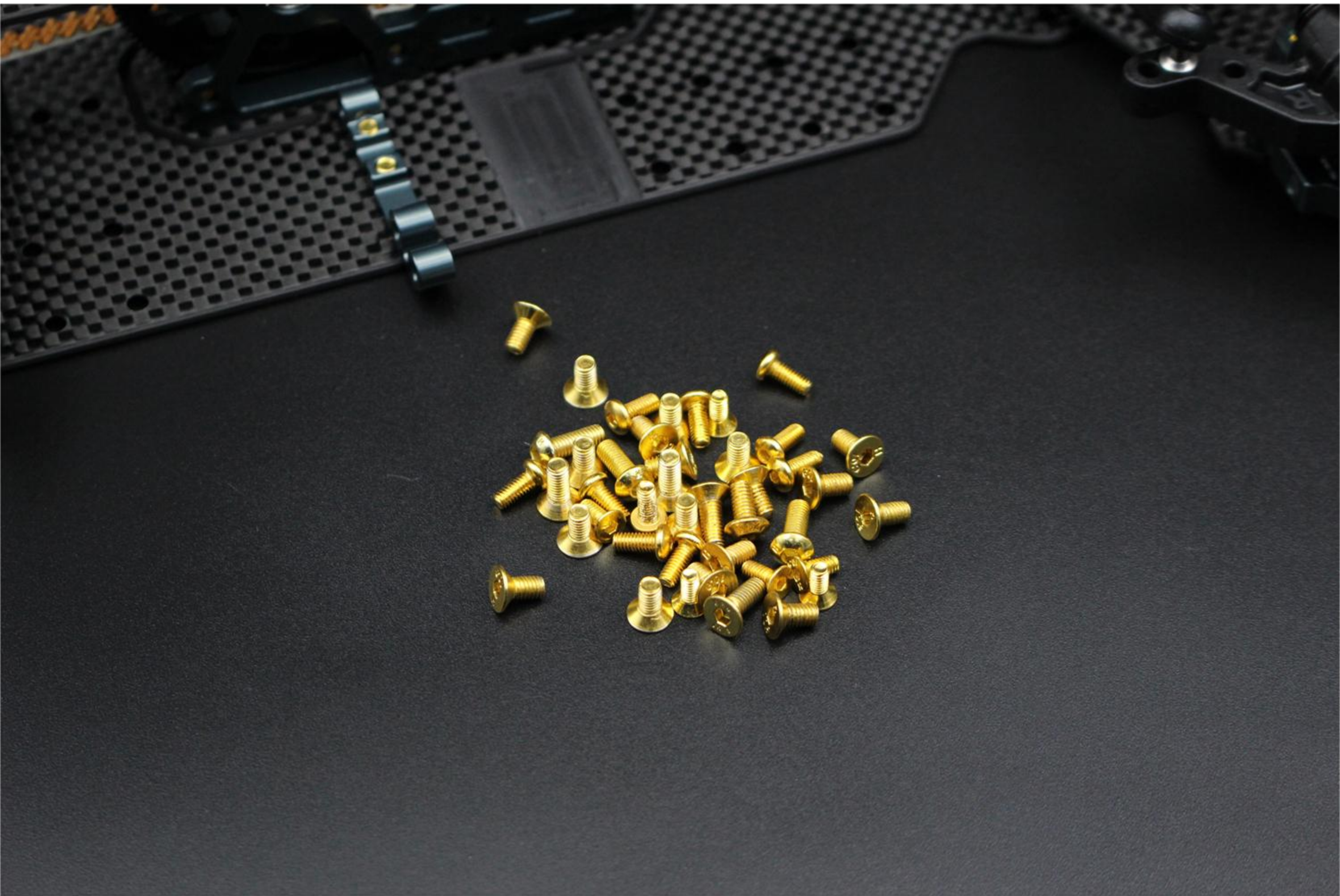


**MTS T3M-V2**

## HIGH PRECISION BALL HEAD

All kinds of ball head are made of precise CNC machinery with high precision, smoothness and low friction.





**MTS T3M-V2**

## **GOLDEN COLOR ALLOY STEEL SCREW WITH TITANIUM COATING**

Include grade 10.9 golden color alloy steel screws with titanium coating which can better outlook appearance.





**RACE**  **OPT**

**SWRC**

**MTS T3M-V2**



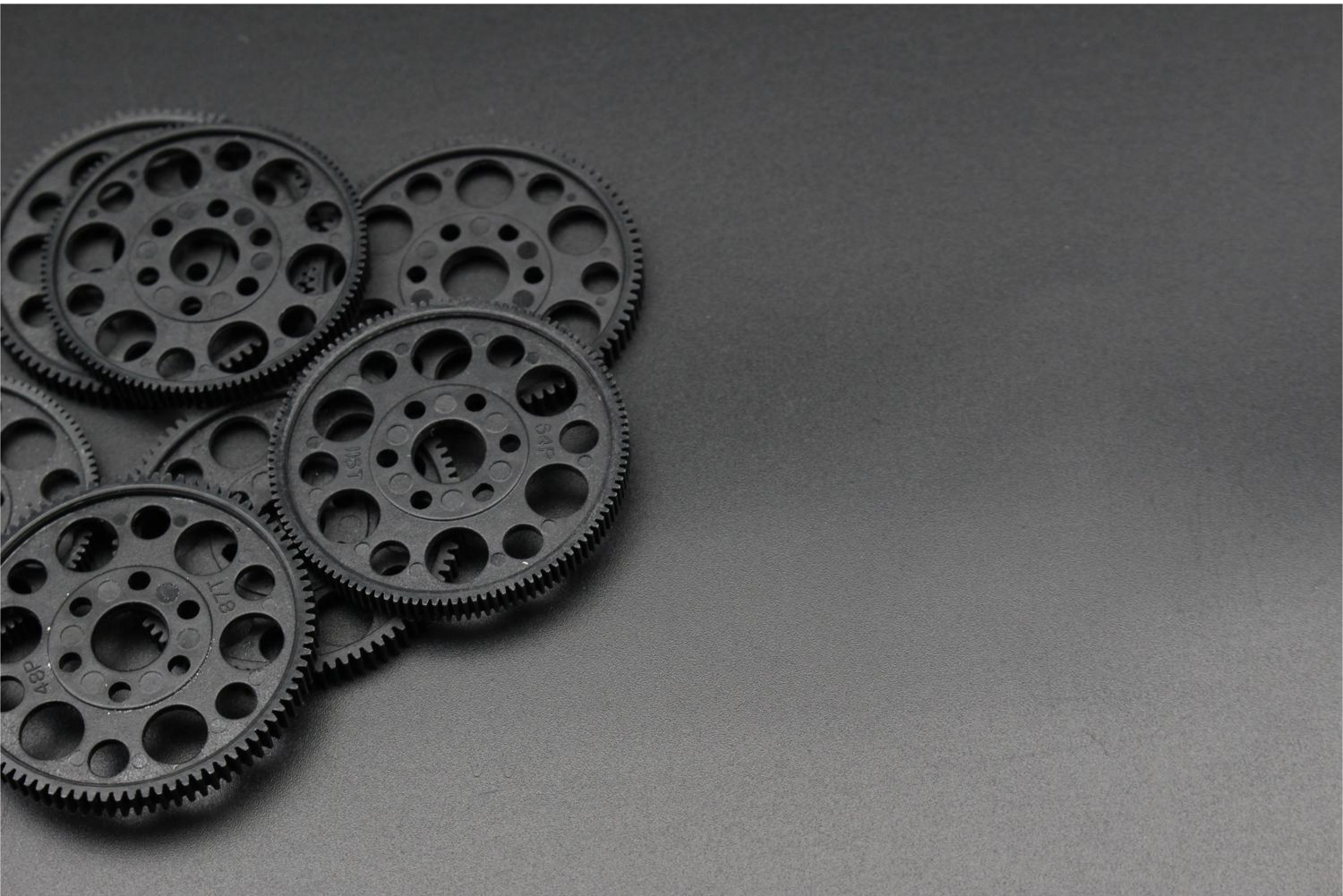


**RACE**  **OPT**

**SURGE**

**MTS T3M-V2**





**RACE**  **UPT**

**SURGE**

**MTS T3M-V2**



**SNRC**



[www.sn-rc.com](http://www.sn-rc.com)