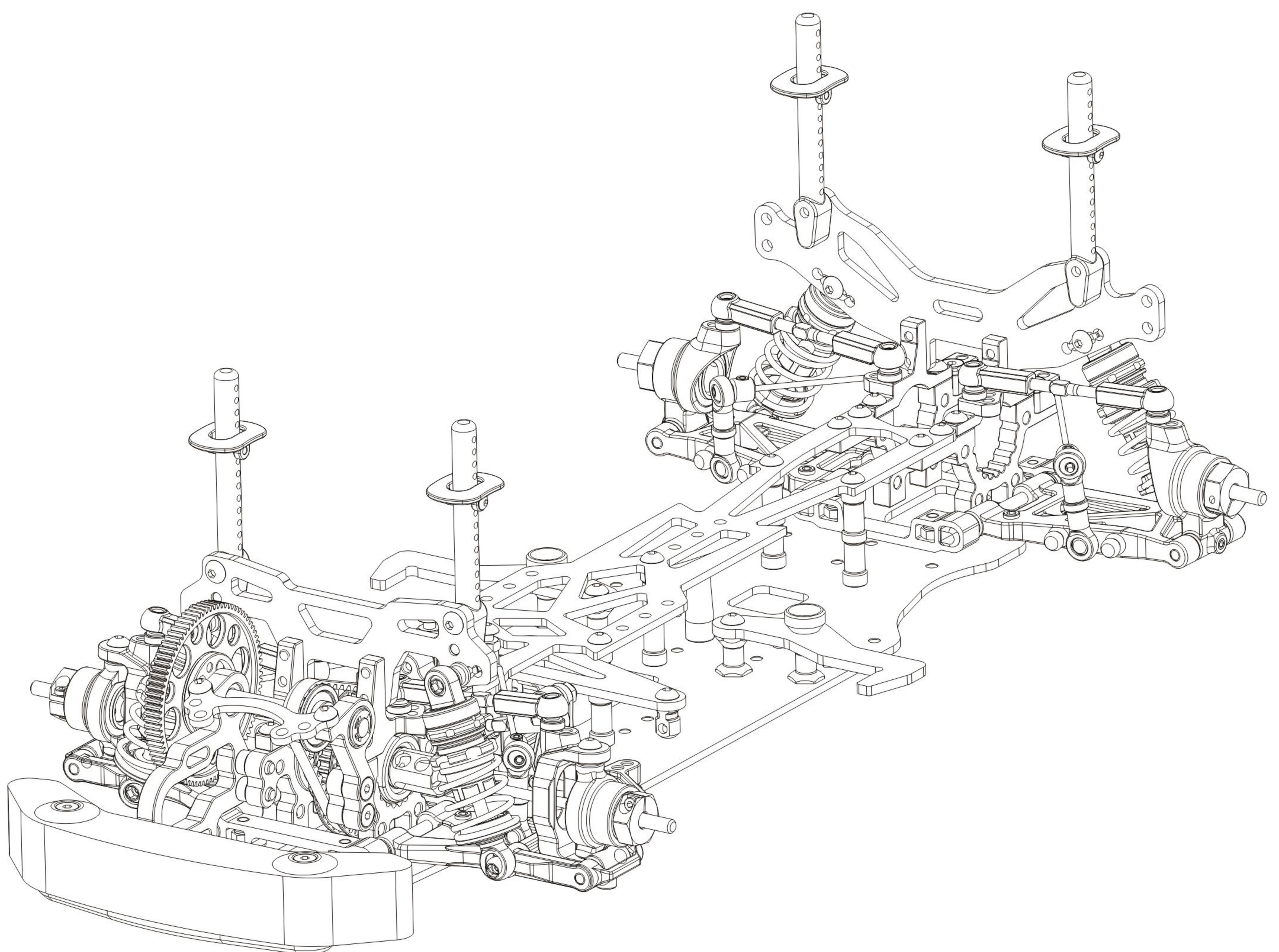




1/10 Electric FF Pro Car Kit

Instruction Manual



Powered By:



Introduction:

FF Pro is a professional 1:10th front wheel drive car and should be built by aged 14 years or over or that they had experience building and operating R/C model cars before. This is not a toy intended for use by beginners or by children without any supervision of a knowledgeable adult. Please read the instruction manual carefully before building.

Race opt should not be liable for any loss, injury or damages, whether direct, indirect, special, incidental, consequential, arising from the use, misuse, abuse of this product or accessories required to operate this product.

Warnings:

- ☐ This product is not intended for those ages under 14 year without any adult supervision.
- ☐ Assemble this kit only in places away from the reach of children.
- ☐ Exercise car when using tools and sharp instrument and take care some parts that may have sharp edges when building.
- ☐ Please do not touch any electronic equipment on the model such as motor and speed controller that having higher temperatures after the operation. Otherwise, it may burn yourself seriously by touching them. Better to allow 10~15 minutes to let any electronic equipment cool down.
- ☐ Please complete a successful pre-run check of your radio equipment and model before the run. Make sure to keep the wheels of the model off the ground when checking the operation of the radio equipment.
- ☐ When on the model, please always turn on the transmitter before turn on the receiver in the car. When off the model, please always turn off the receiver before turn off the transmitter. Otherwise, the model may become uncontrollable and cause serious damage.
- ☐ Disconnect the battery pack before storing your model.
- ☐ Do not get overcharge for the battery or leave battery unattended while charging. Never let children charge the battery without adult supervision.
- ☐ Do not operate it on public places, roads or areas where its operation can conflict with or disrupt pedestrian or vehicular traffic.
- ☐ Do not use your model as shown below:

In places where children and people gather	In rain, wind snow or darkness condition
In areas where loud noises can disturb others	At anytime your line of sight to the model may be obstructed or impaired in any way

Electrical Precautions:

- Please do not allow any metal part to short circuit the battery or any electronic part using inside the car kit.
- Never put batteries into fire.
- Use the recommended charger for the transmitter battery and battery for electronic speed control. Please follow the charging instructions carefully. Please do not over charge the battery or choose the wrong charging mode. It becomes dangerous that causes the explosion and lead to the fire. If battery becomes extremely hot during the charging, please seek the advice from or get replacement from the corresponding battery supplier.
- Please unplug charger when not in use.
- When not using RC model, please always disconnect and remove the battery.
- Low battery may result in loss of control. Please stop running the car at once when you find its speed start to slow down.
- After use the battery, the battery remains heat and please recharges it after the battery is cool down.
- Never use damaged wires that are dangerous and cause short circuits and may lead to the fire.

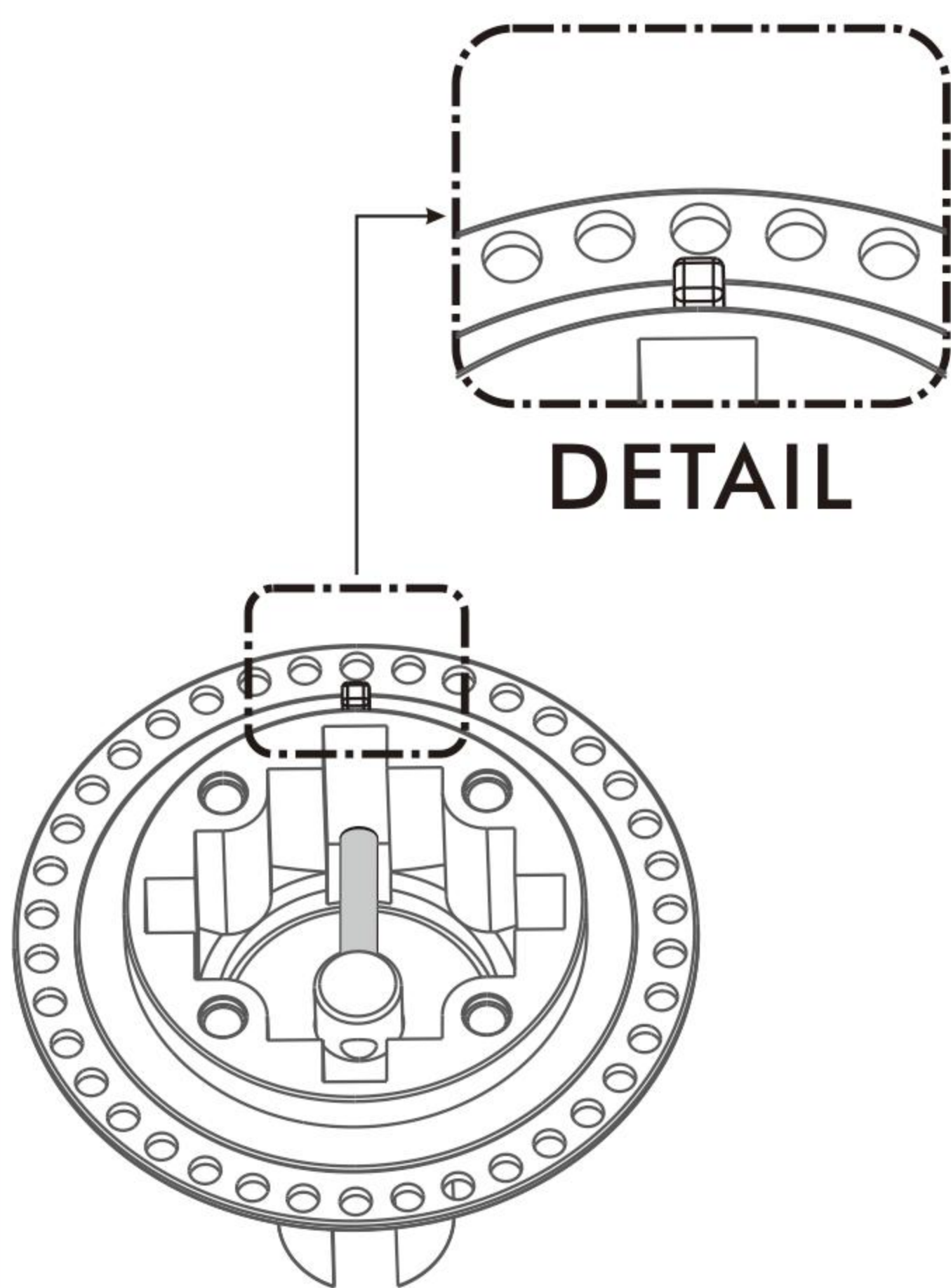
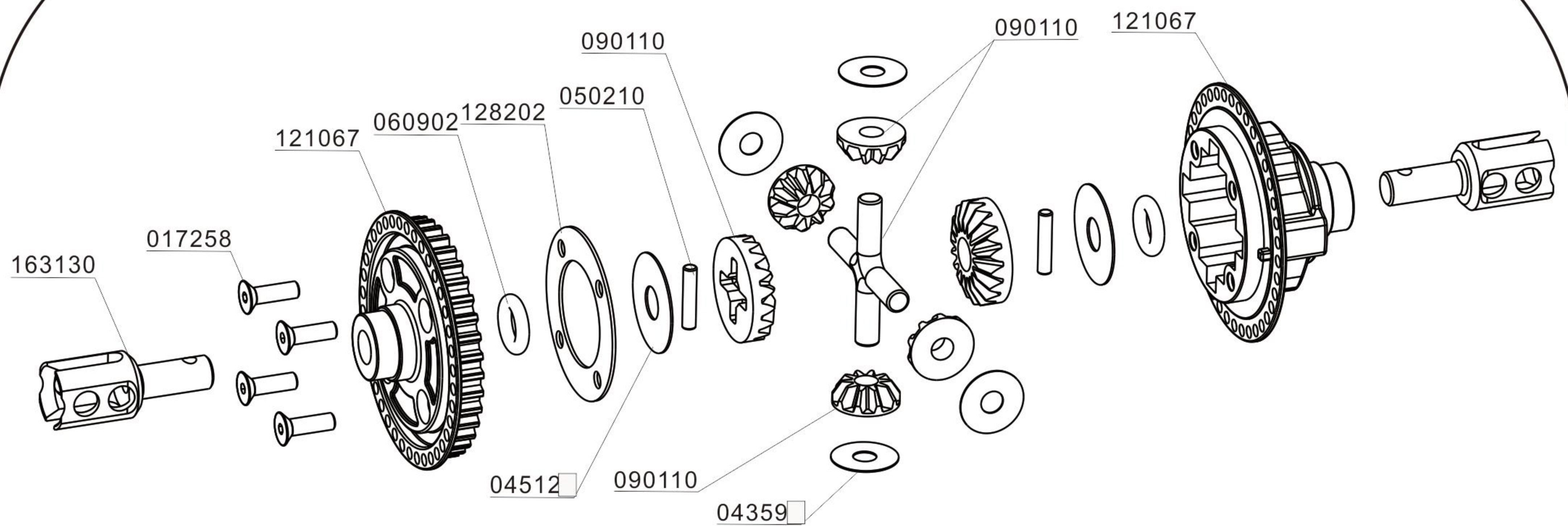
Other Equipment Needed (not included):

Radio transmitter & receiver	Battery for transmitter
Electronic speed control	Steering Servo
540 Type brushes or brushless motor	Pinion Gear (48pitch/64pitch)
190mm body shell	7.4V Nimh or Lipo Battery
Touring Car Tire set	Battery charger

Tools Needed (not included):

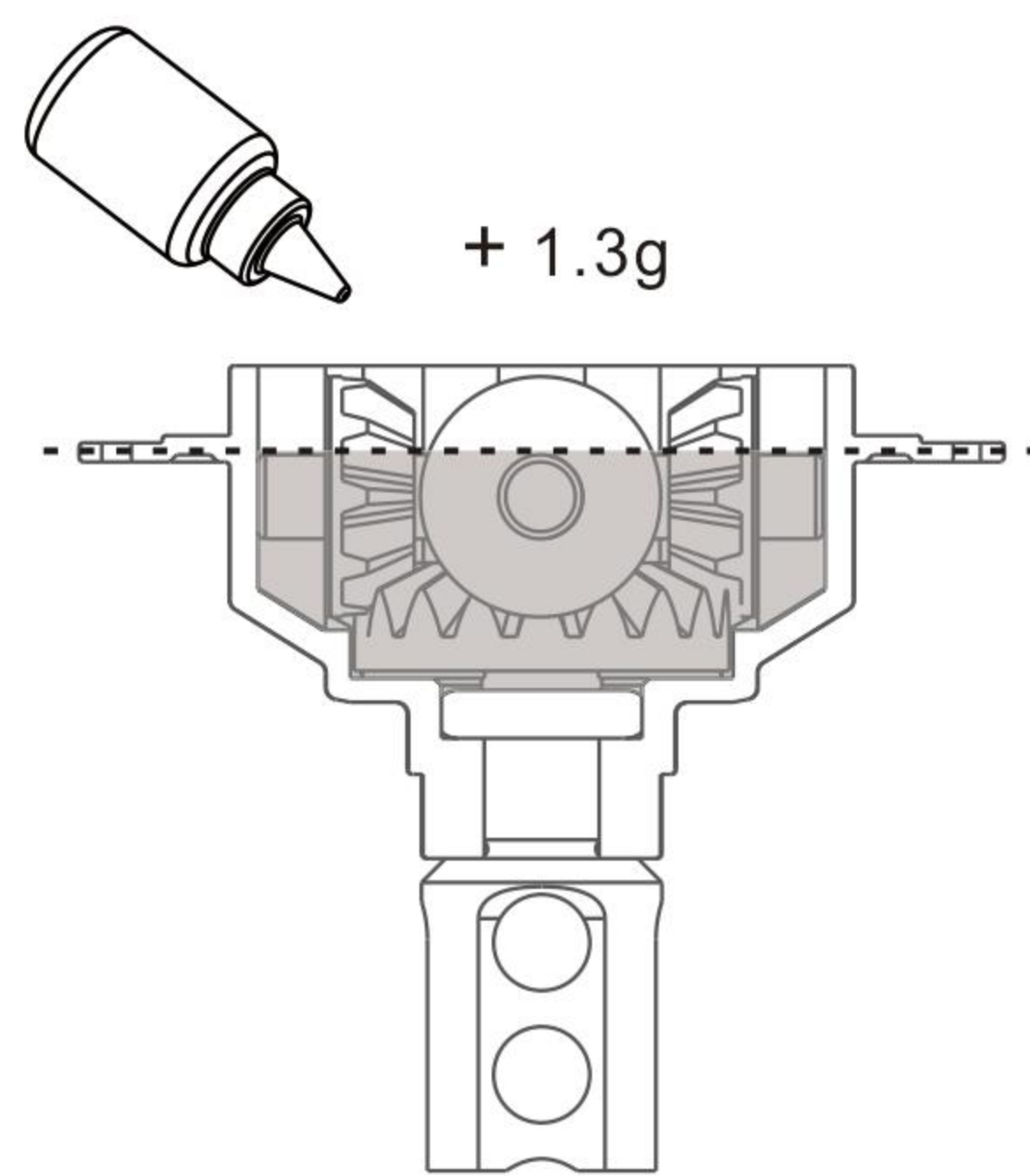
1.5mm, 2.0mm, 2.5mm allen wrench	5.0mm, 5.5mm, 7.0mm hex socket wrench
Modelers craft knife	Turnbuckle wrench
Calipers/Ruler	Camber gauge
Instant glue/Thread lock glue	Shock and Diff Oil
Thrust, Diff and Joint grease	Paint for body shell

Notes: All replacement parts can be found from www.race-opt.com and can be purchased from local hobby shop. If any further information needed, please email to enquiry@rc-explorer.com.

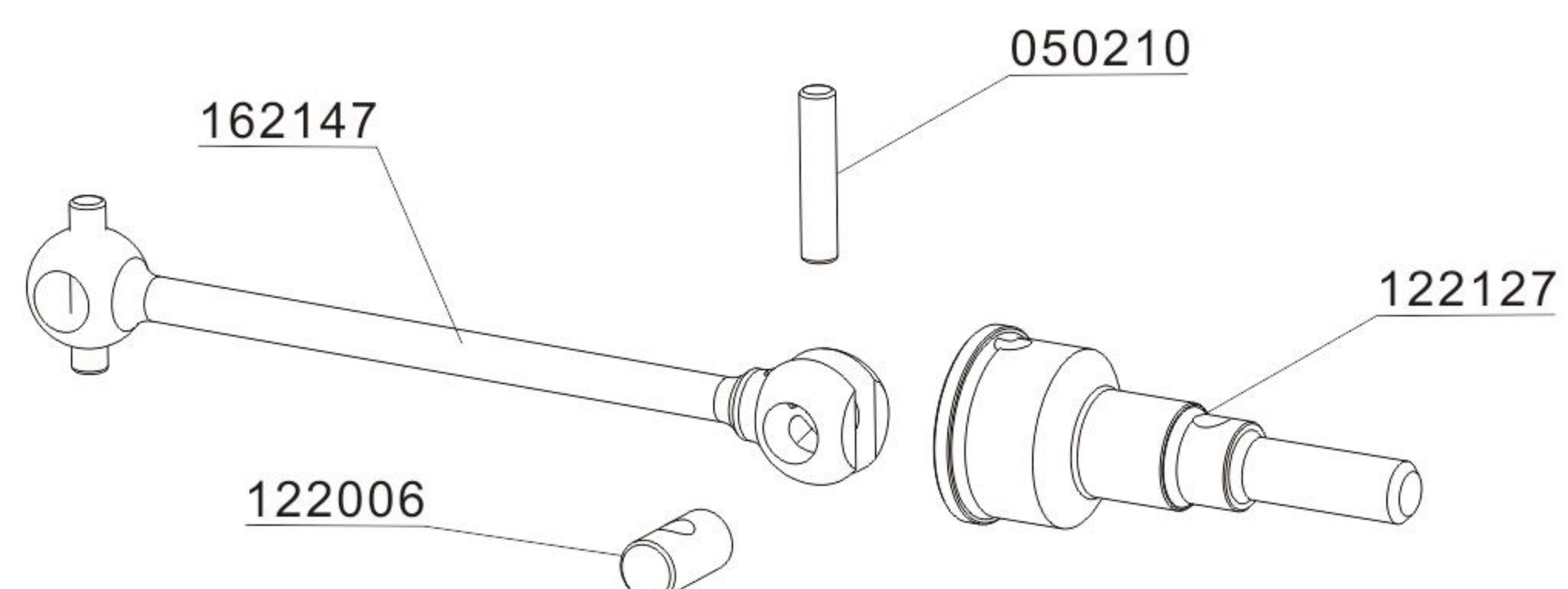
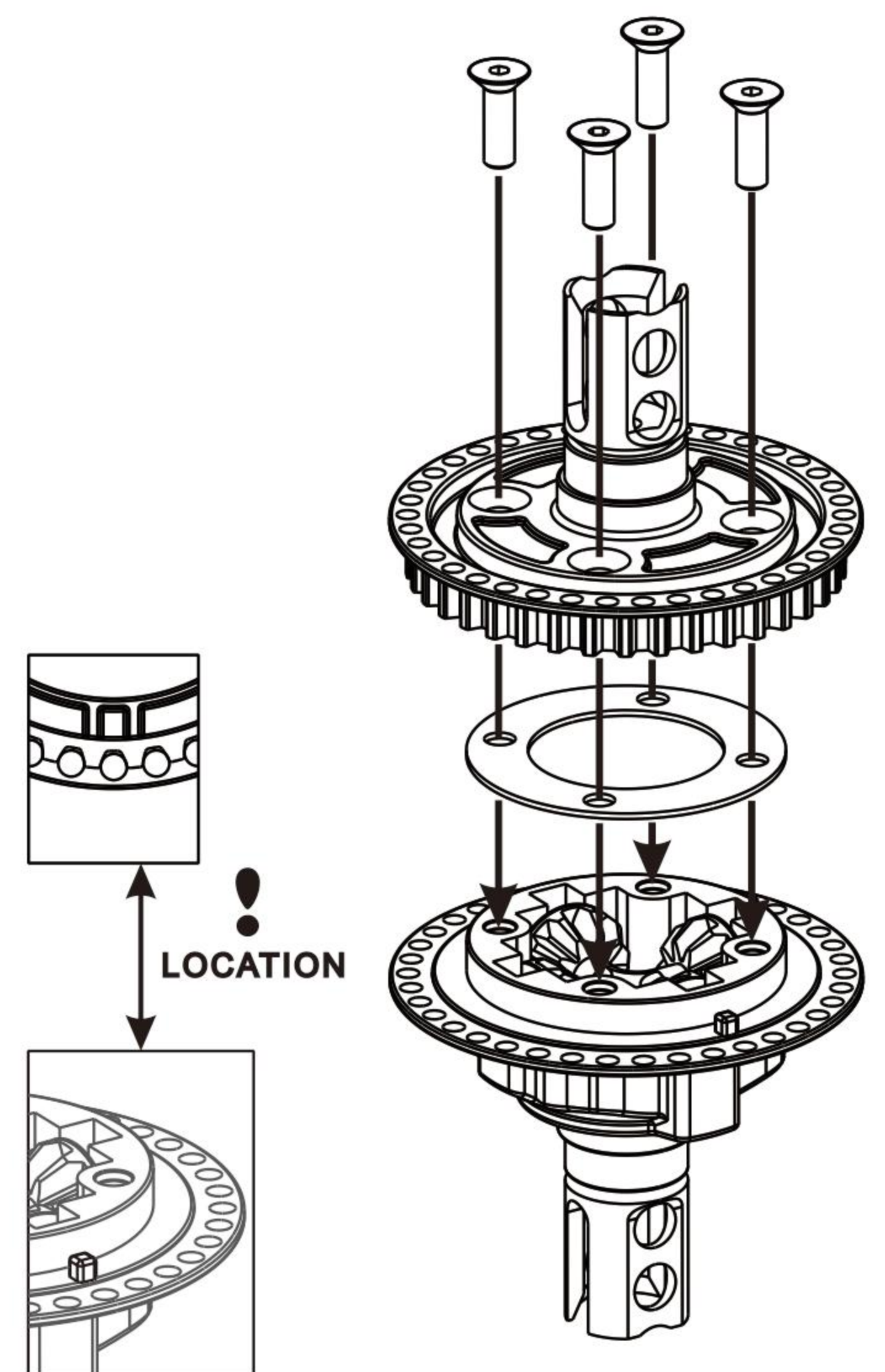


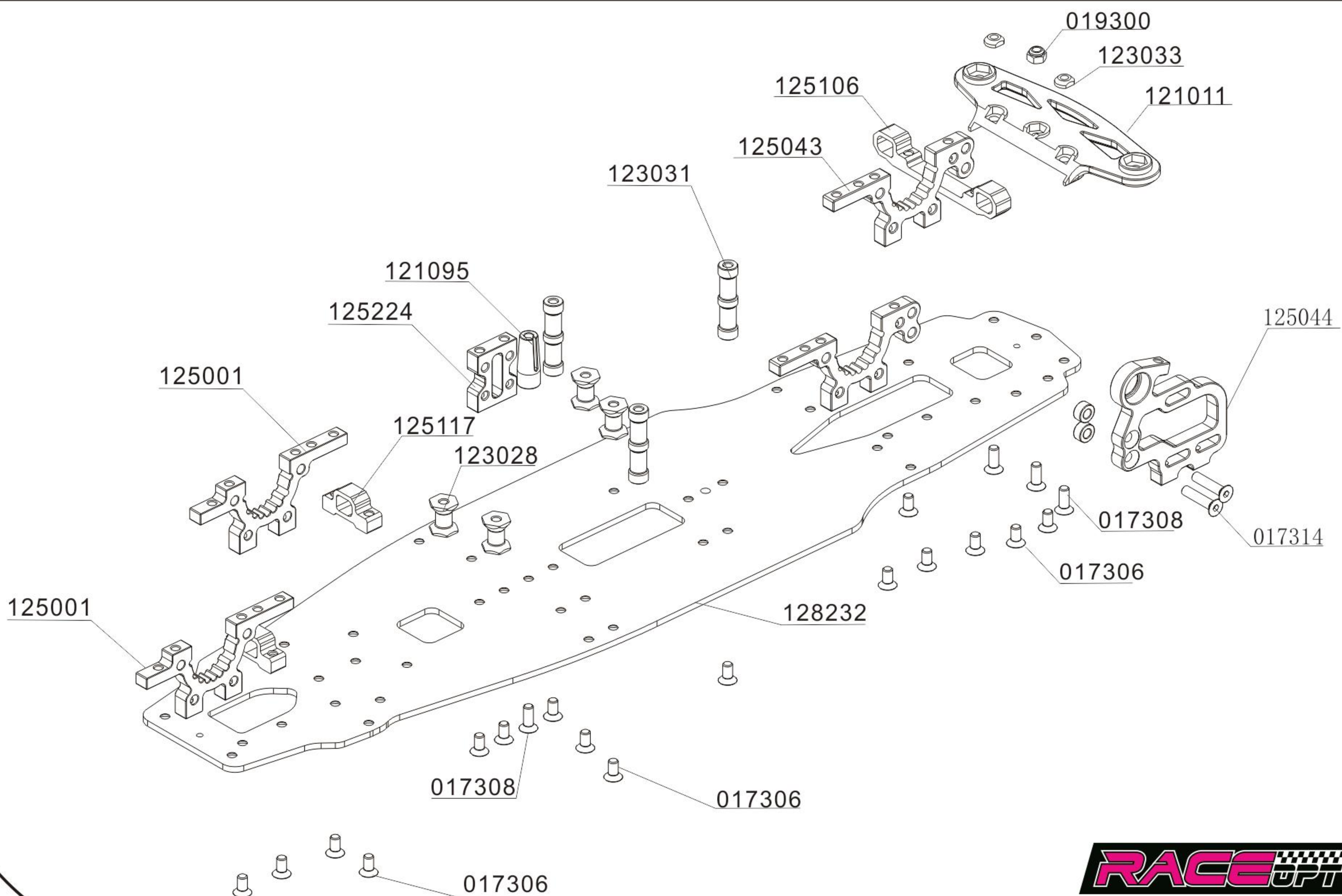
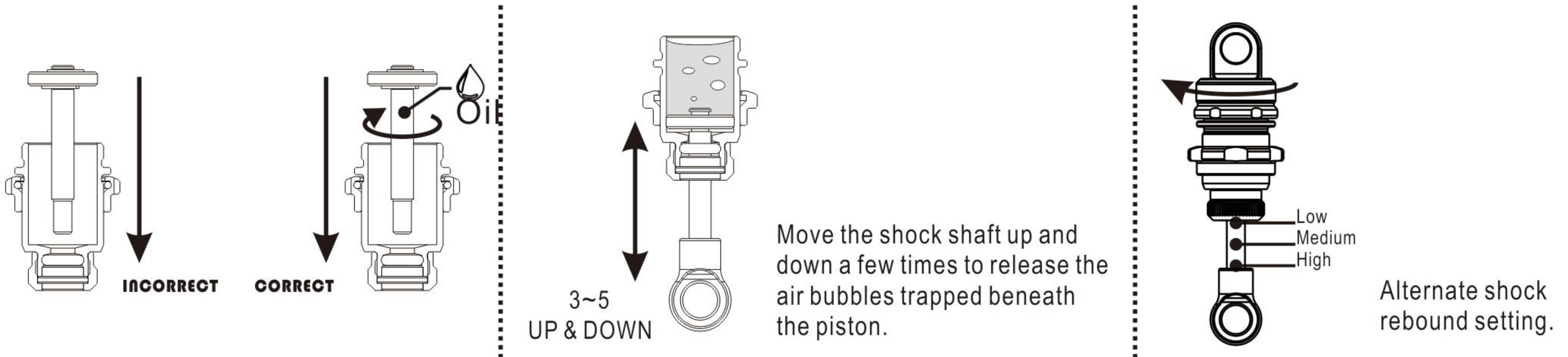
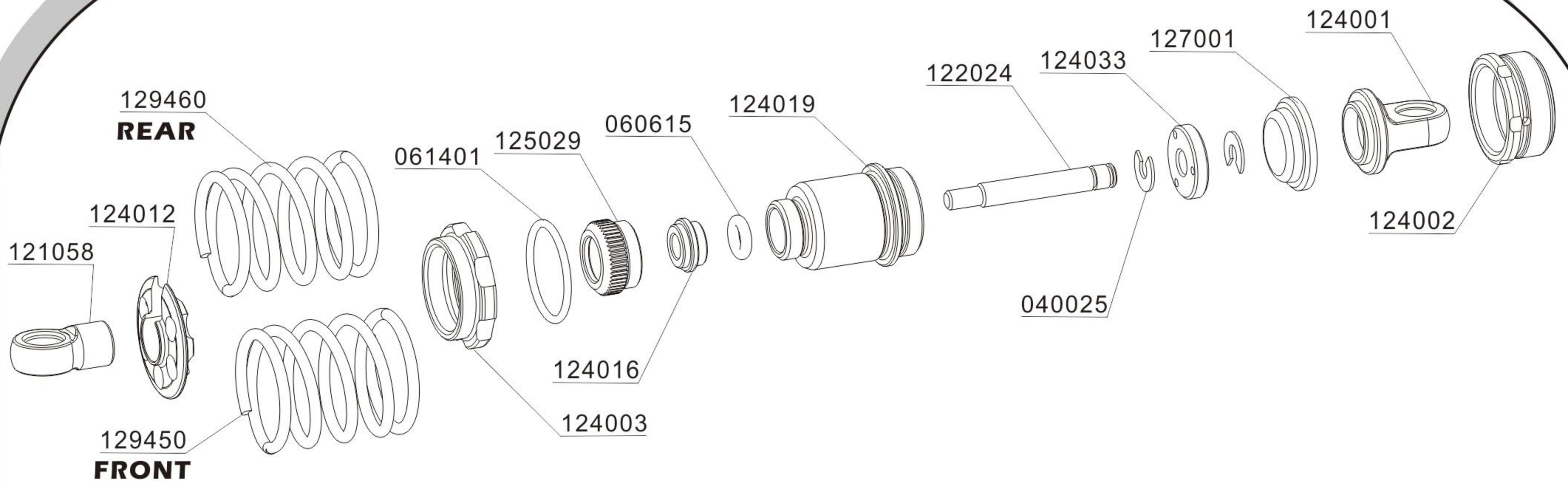
**low-Traction
500 cst**

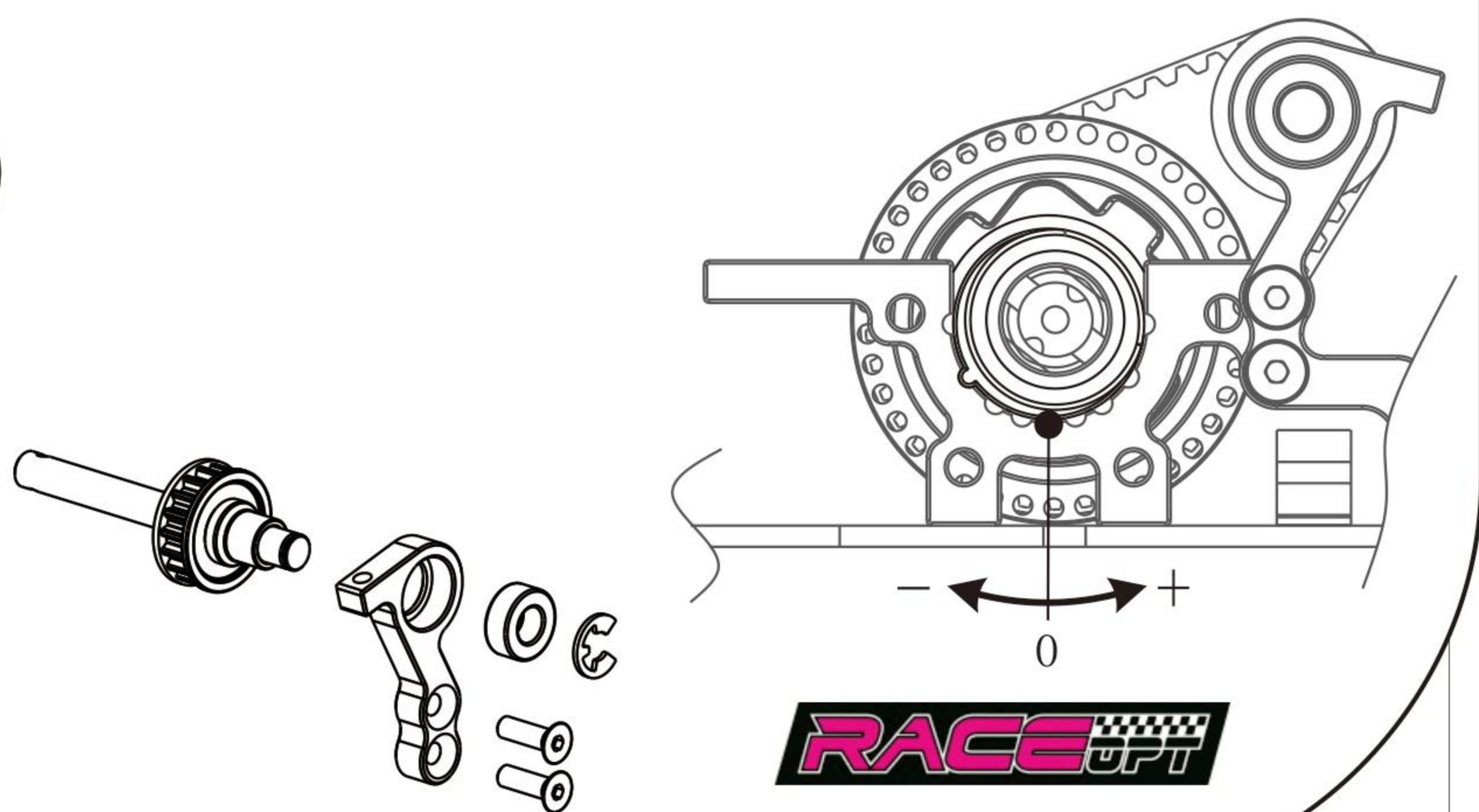
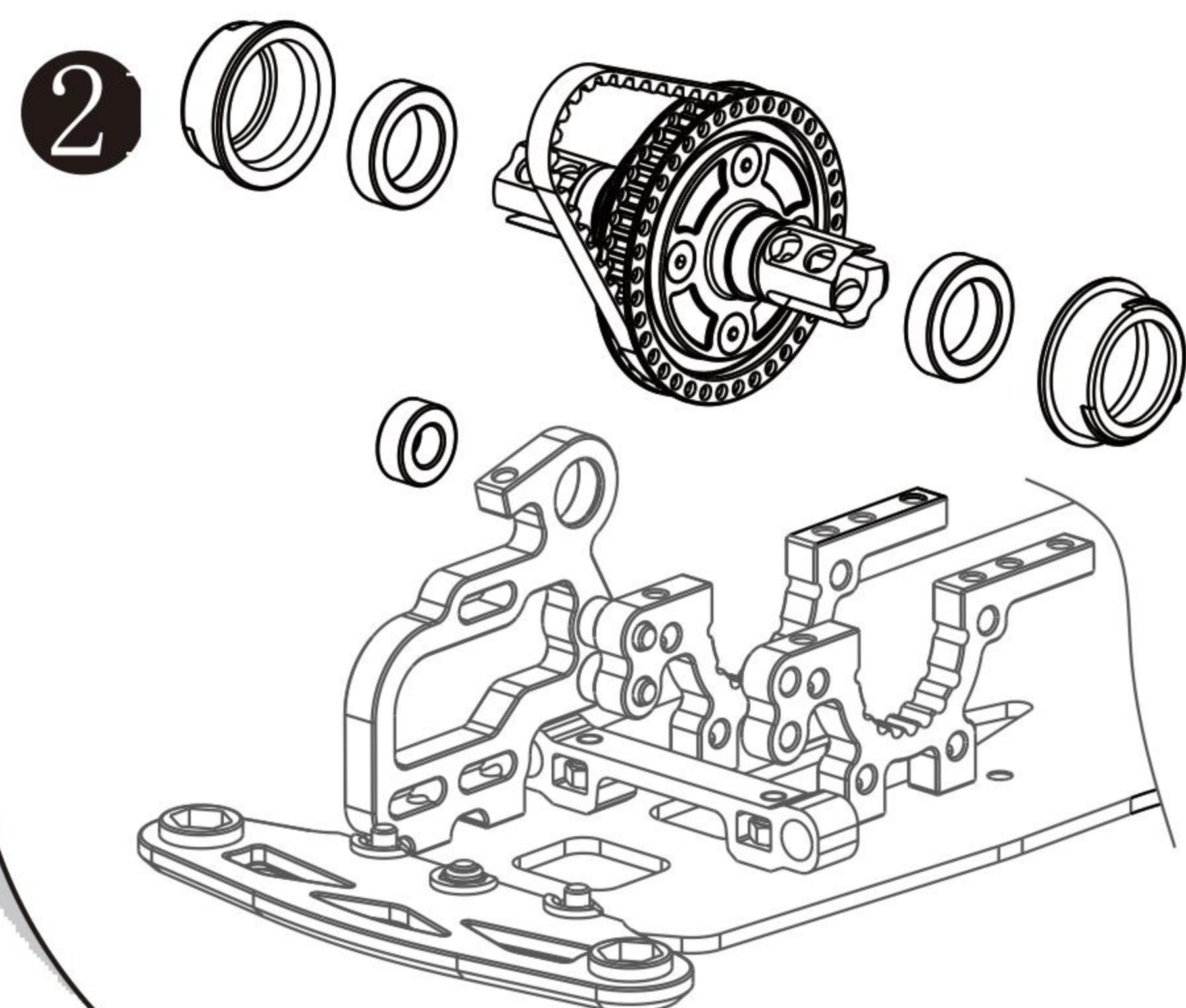
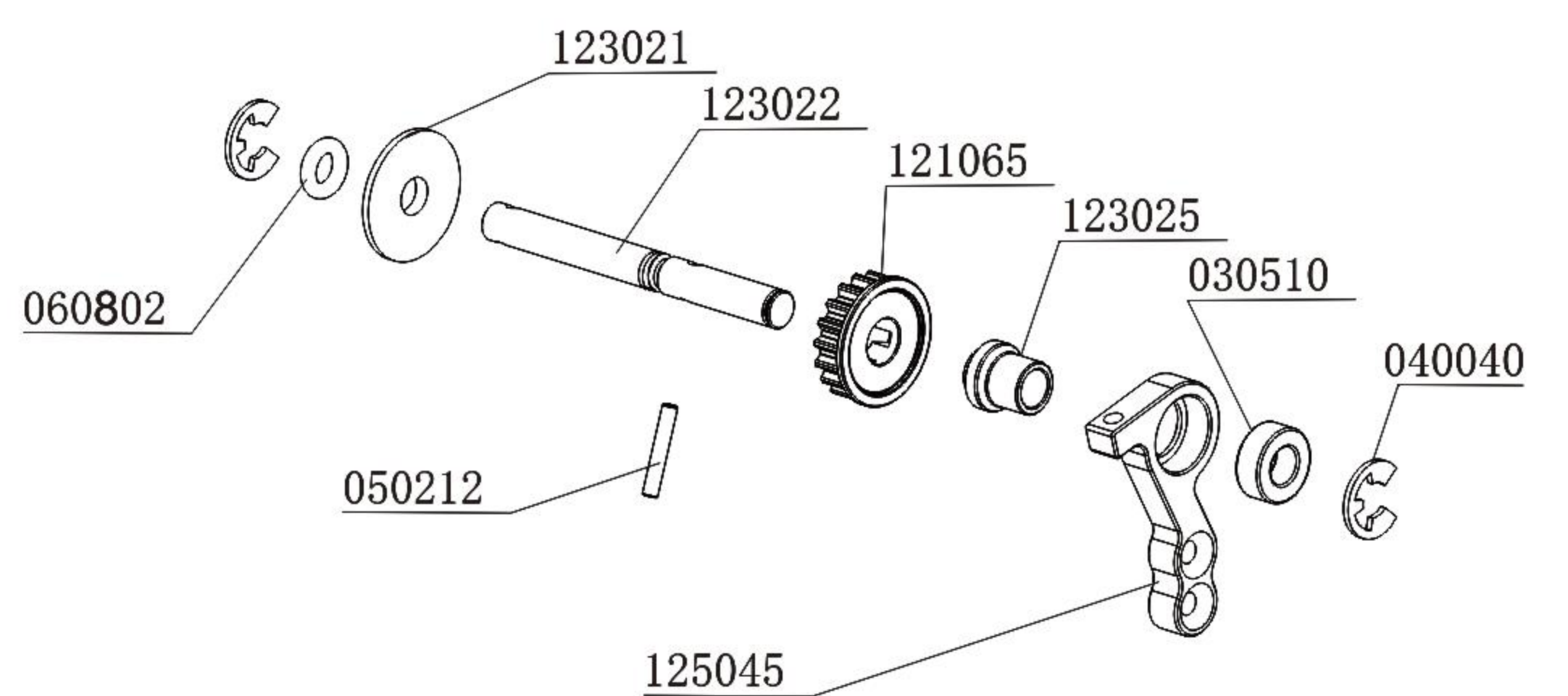
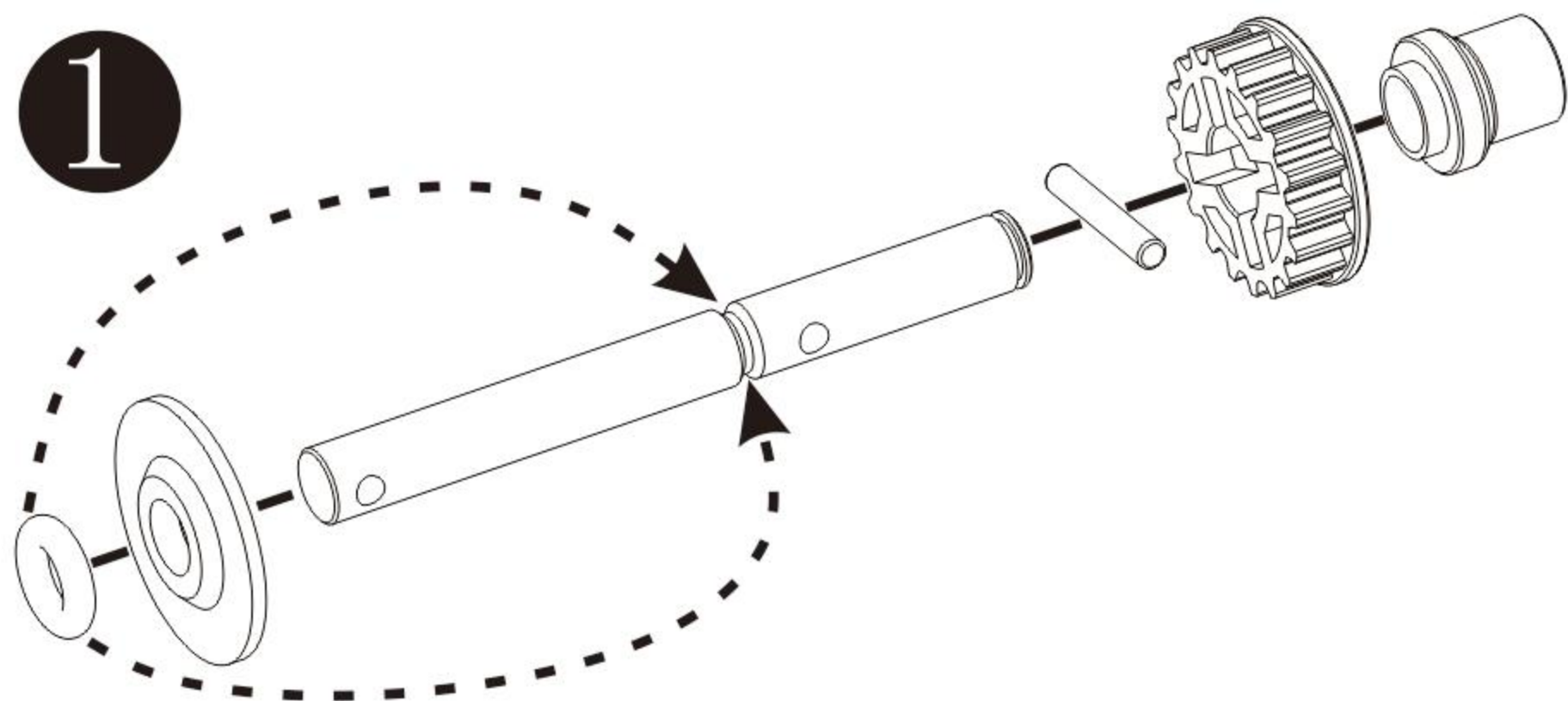
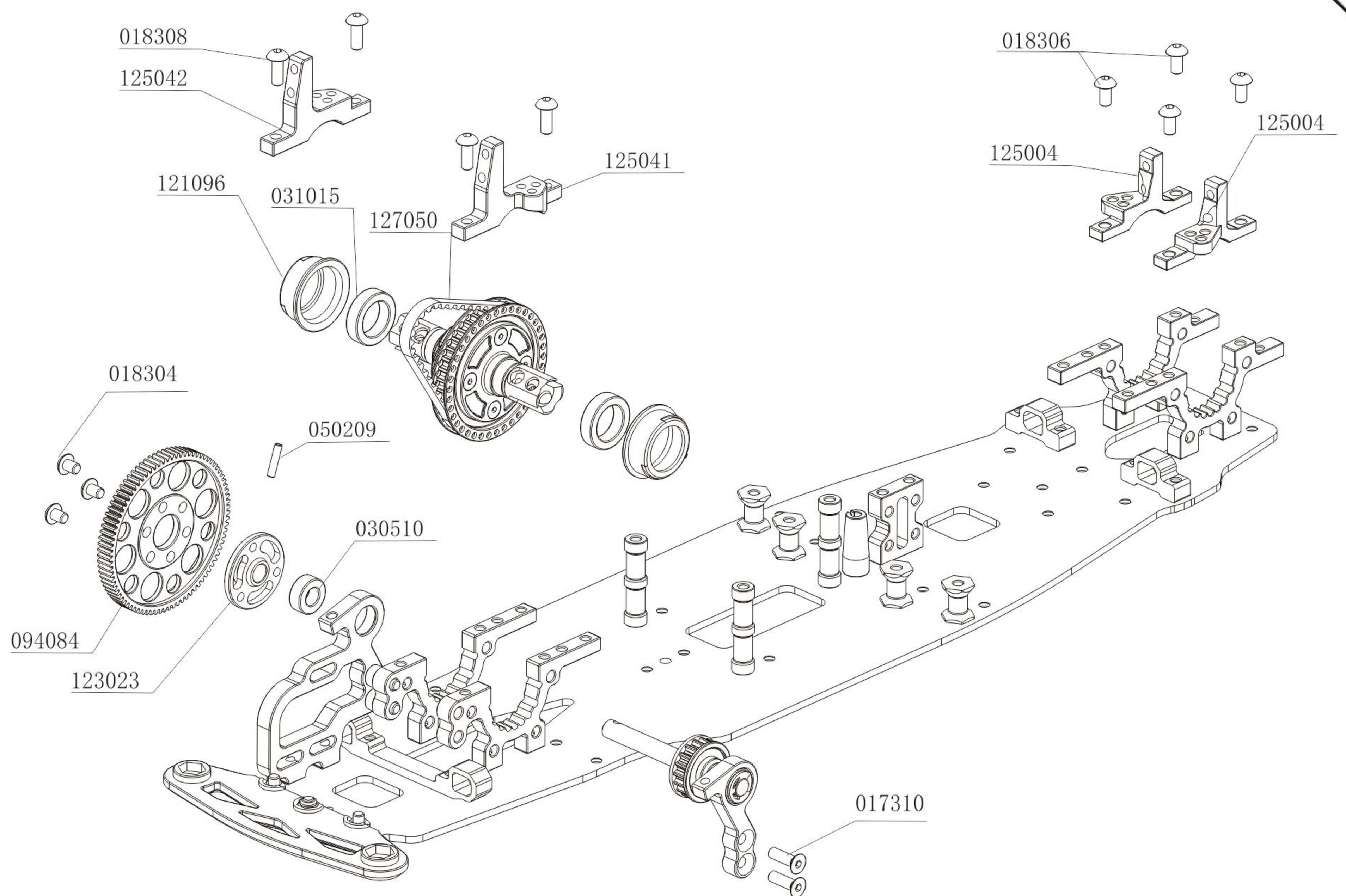
**High-Traction
1000 cst**



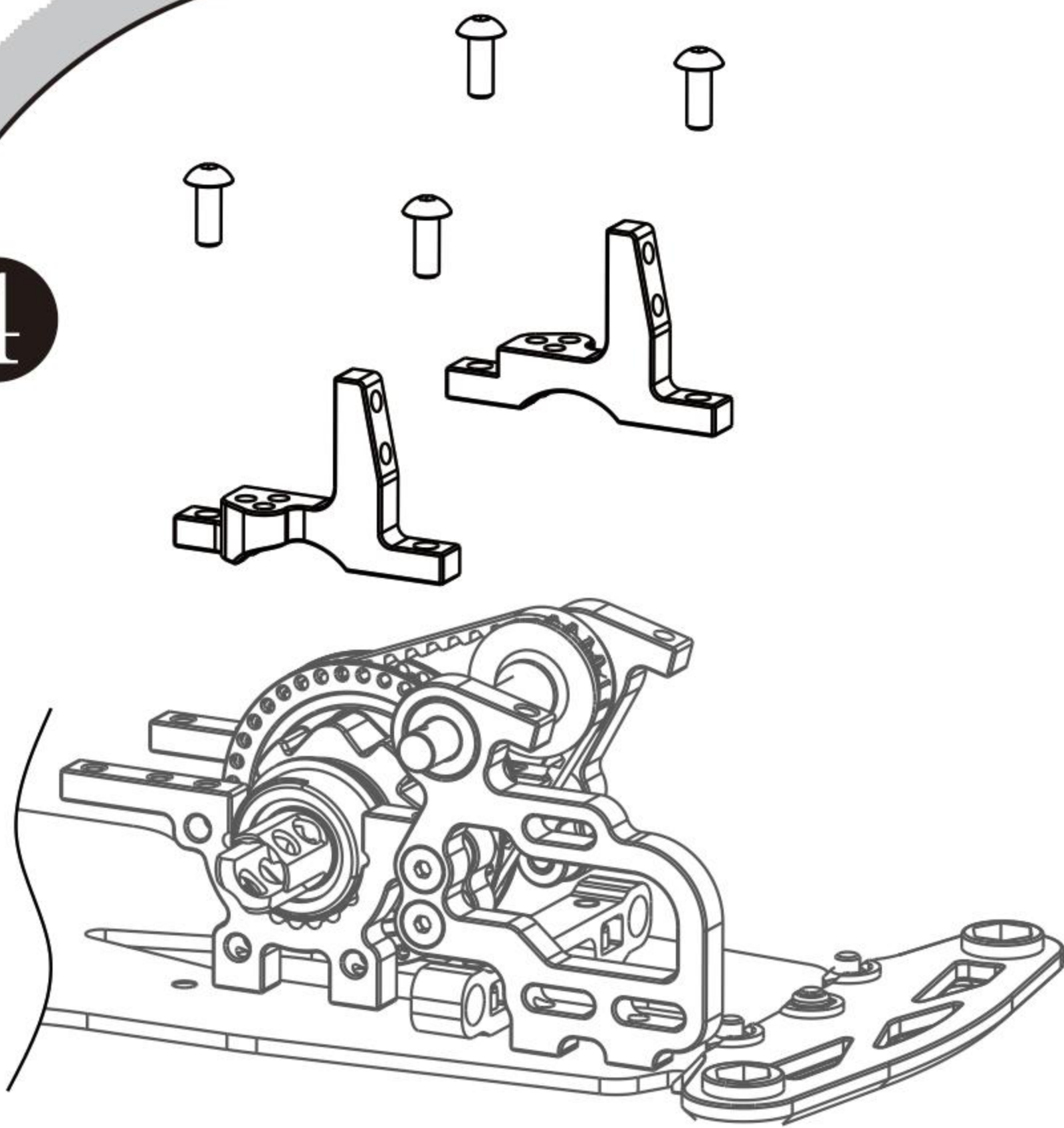
Add 1.3g of oil the diff.



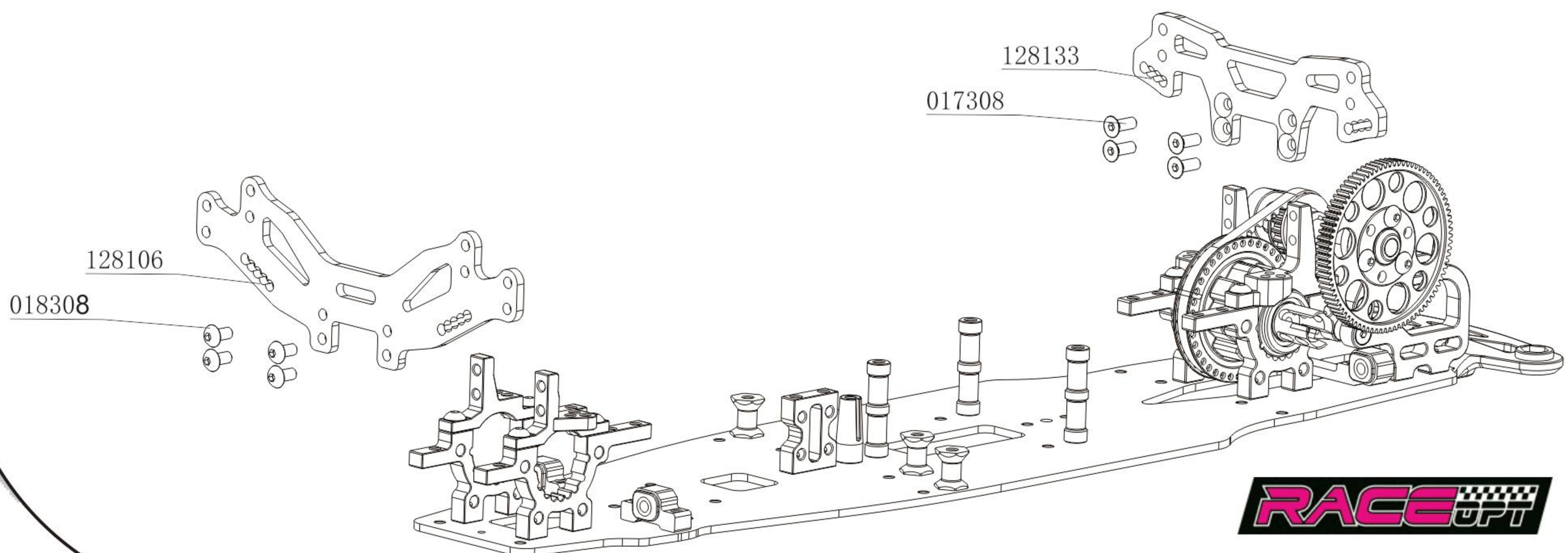
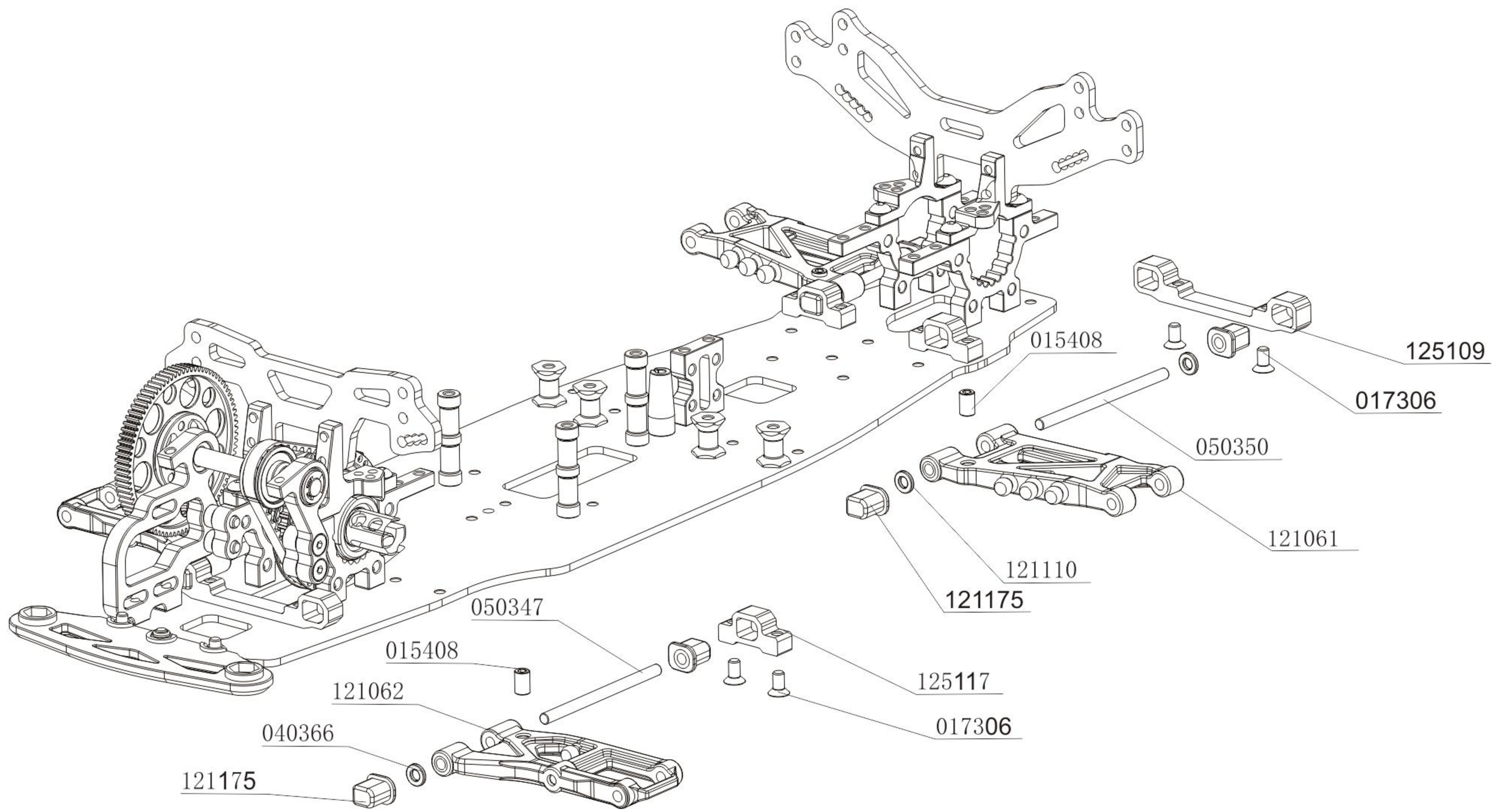
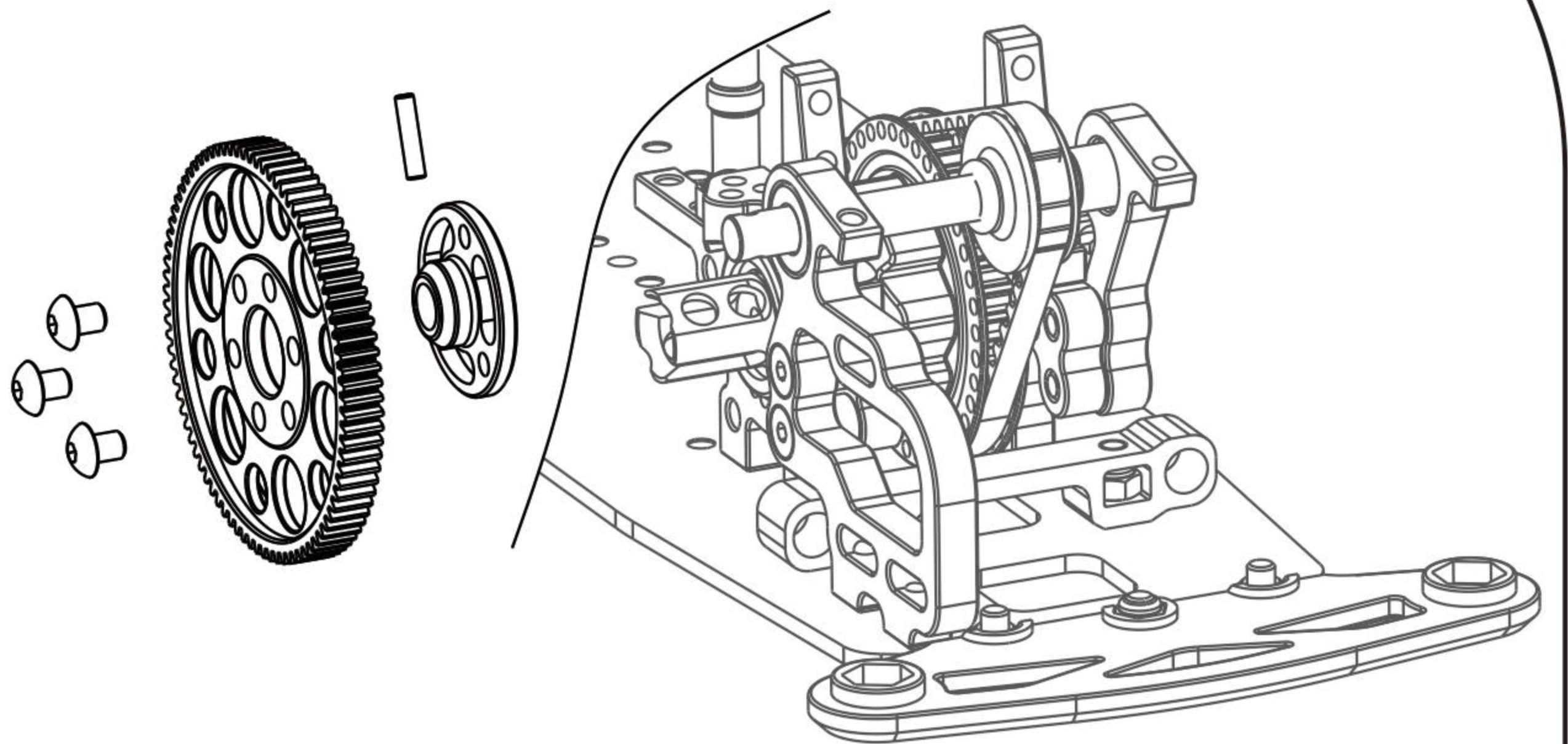


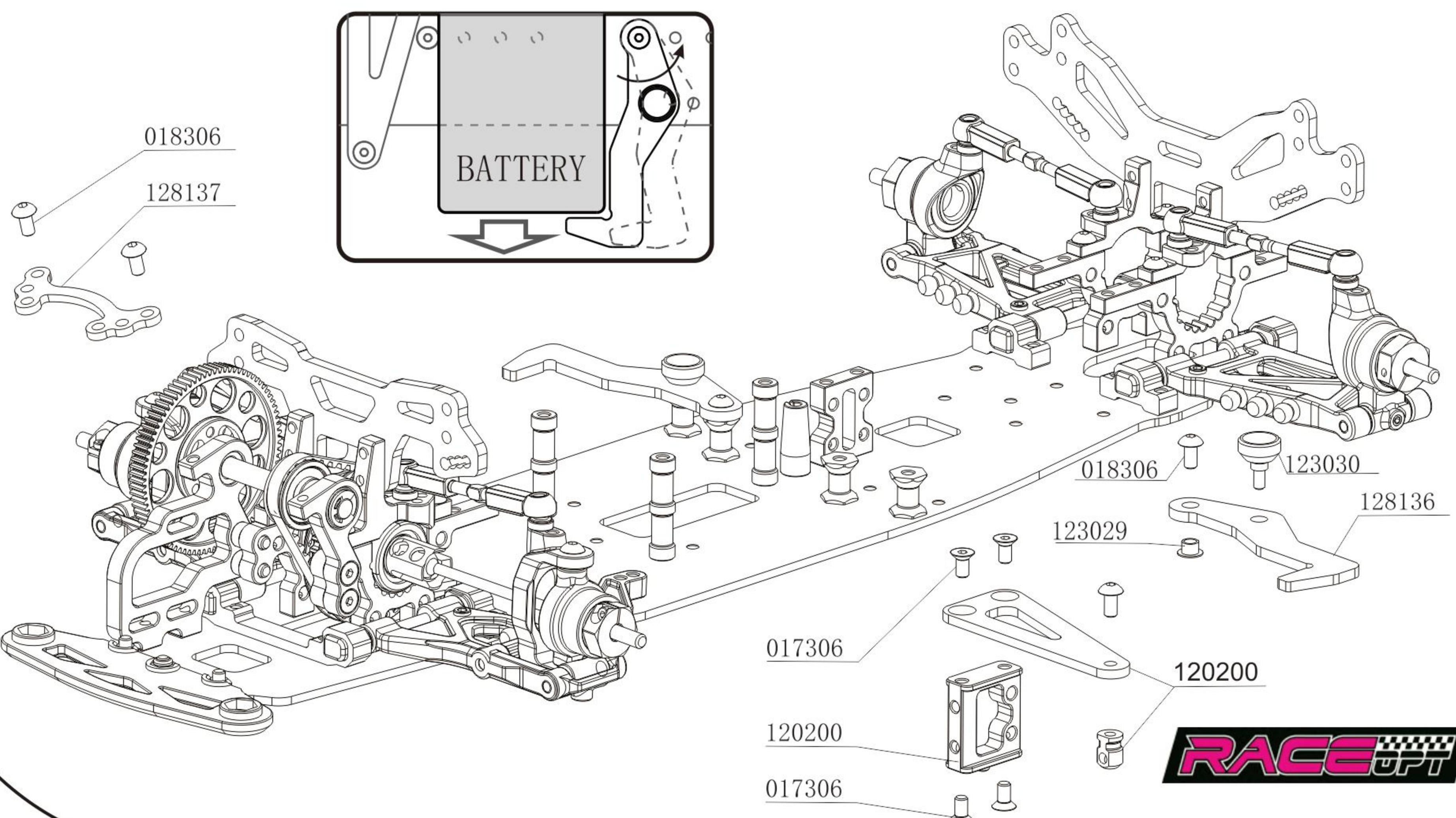
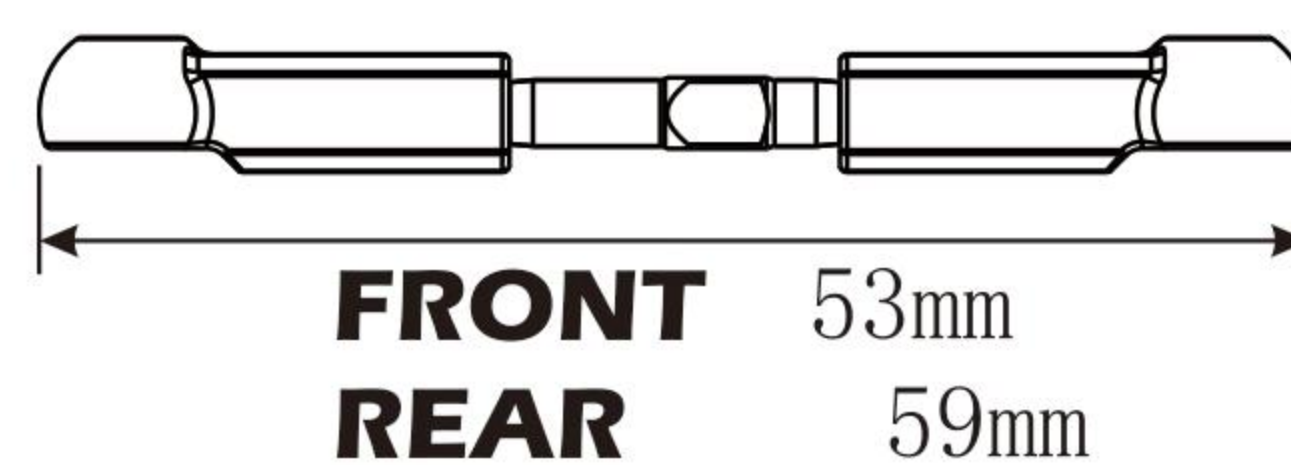
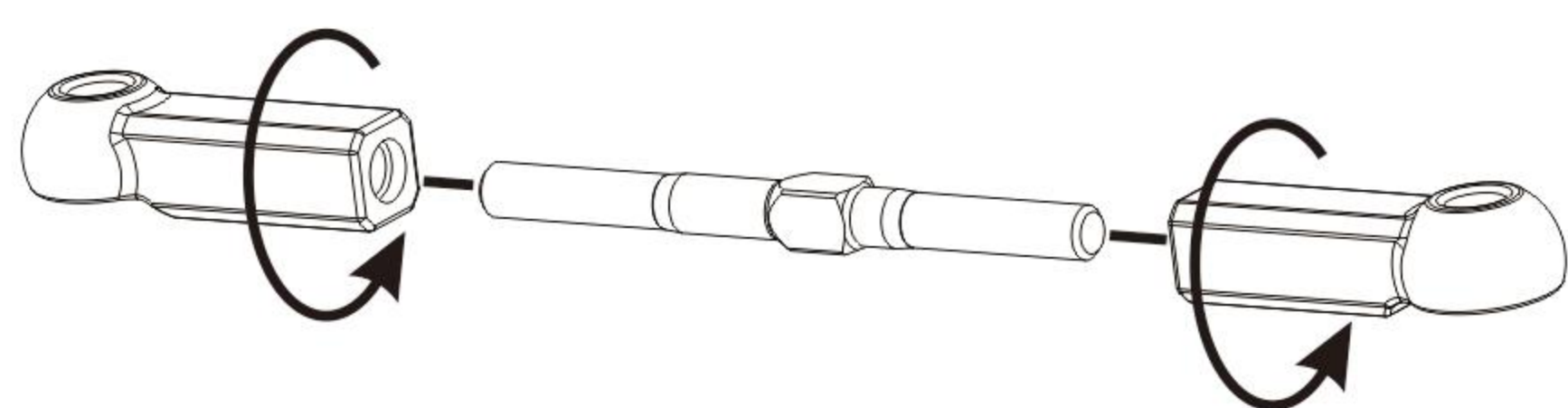
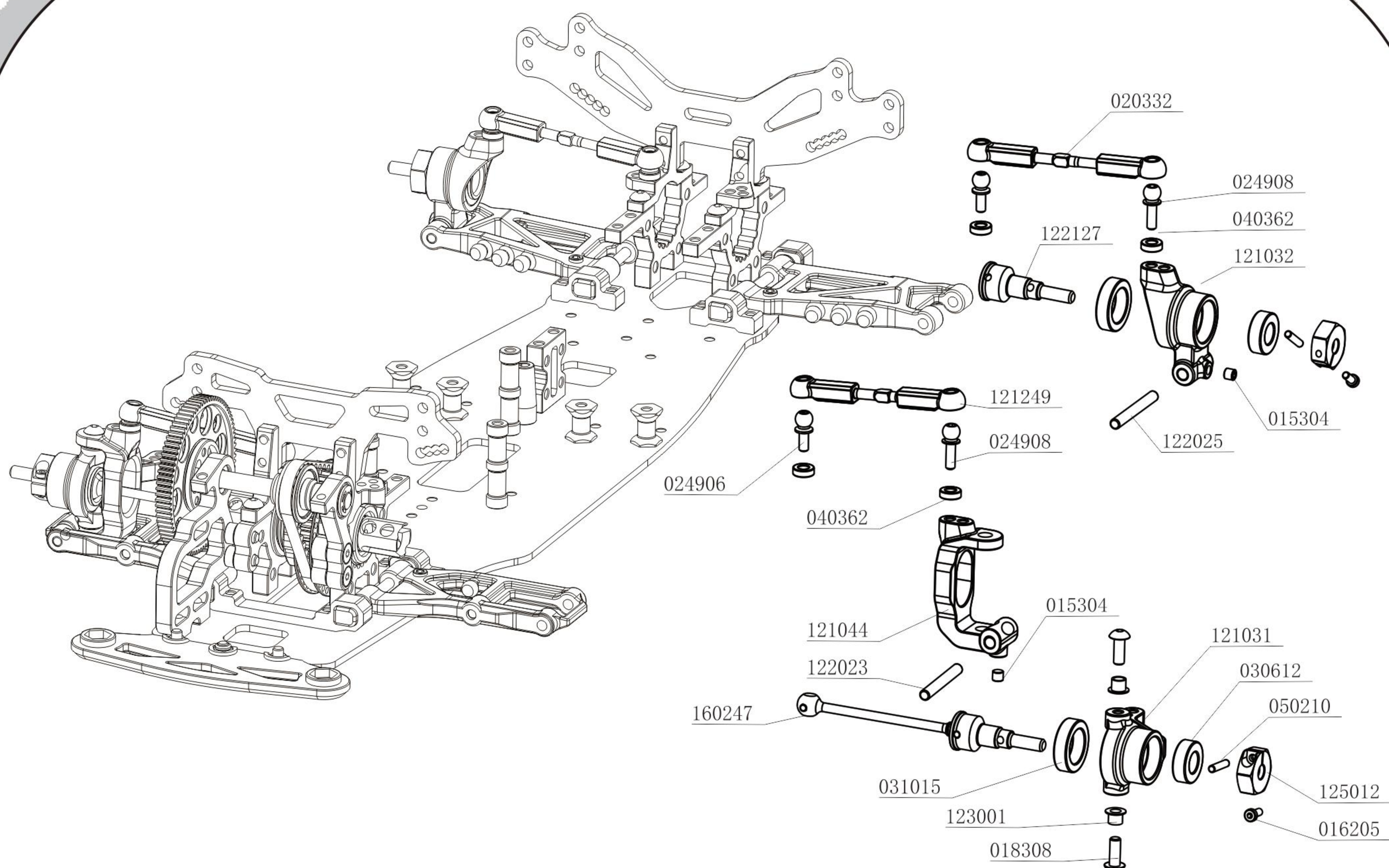


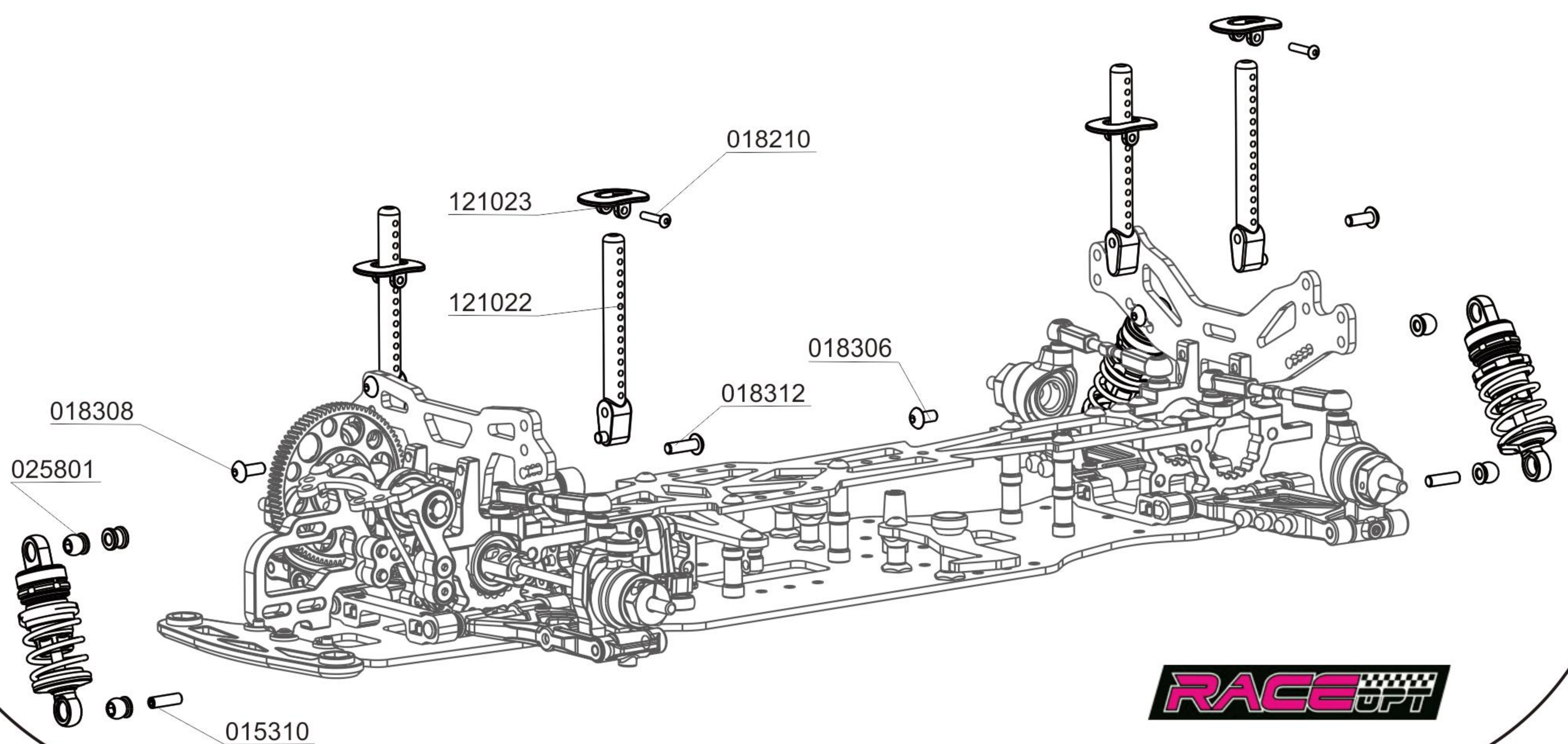
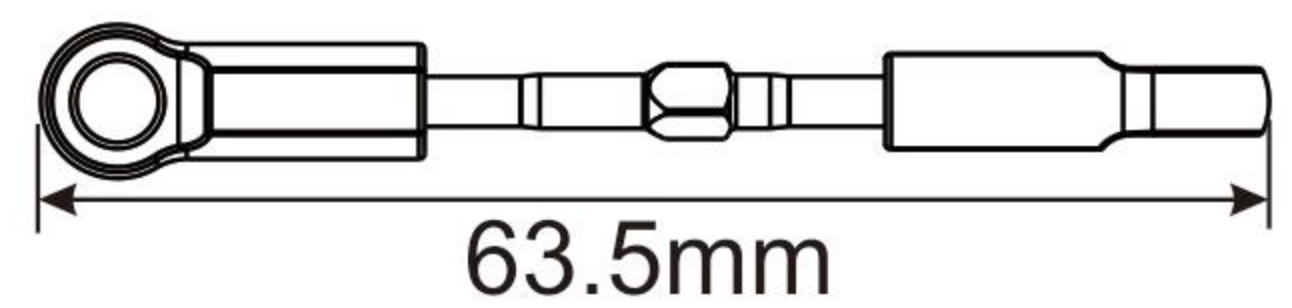
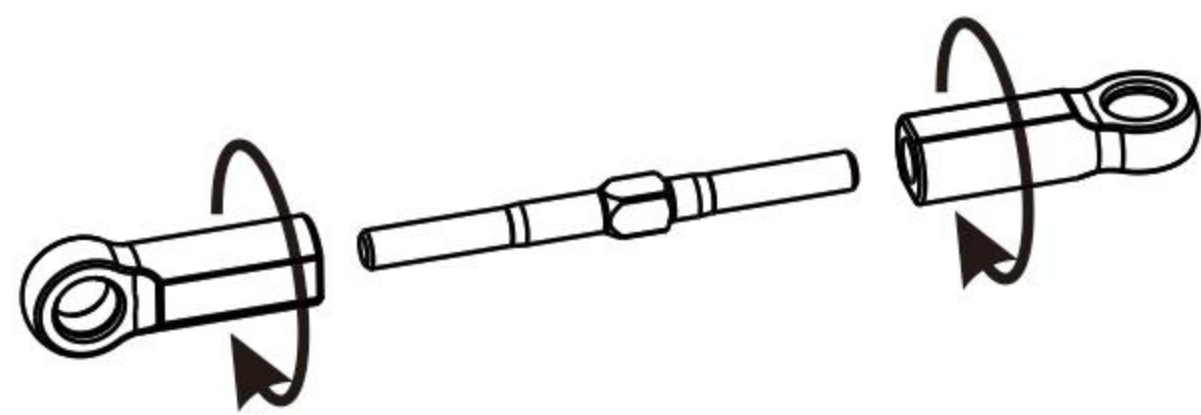
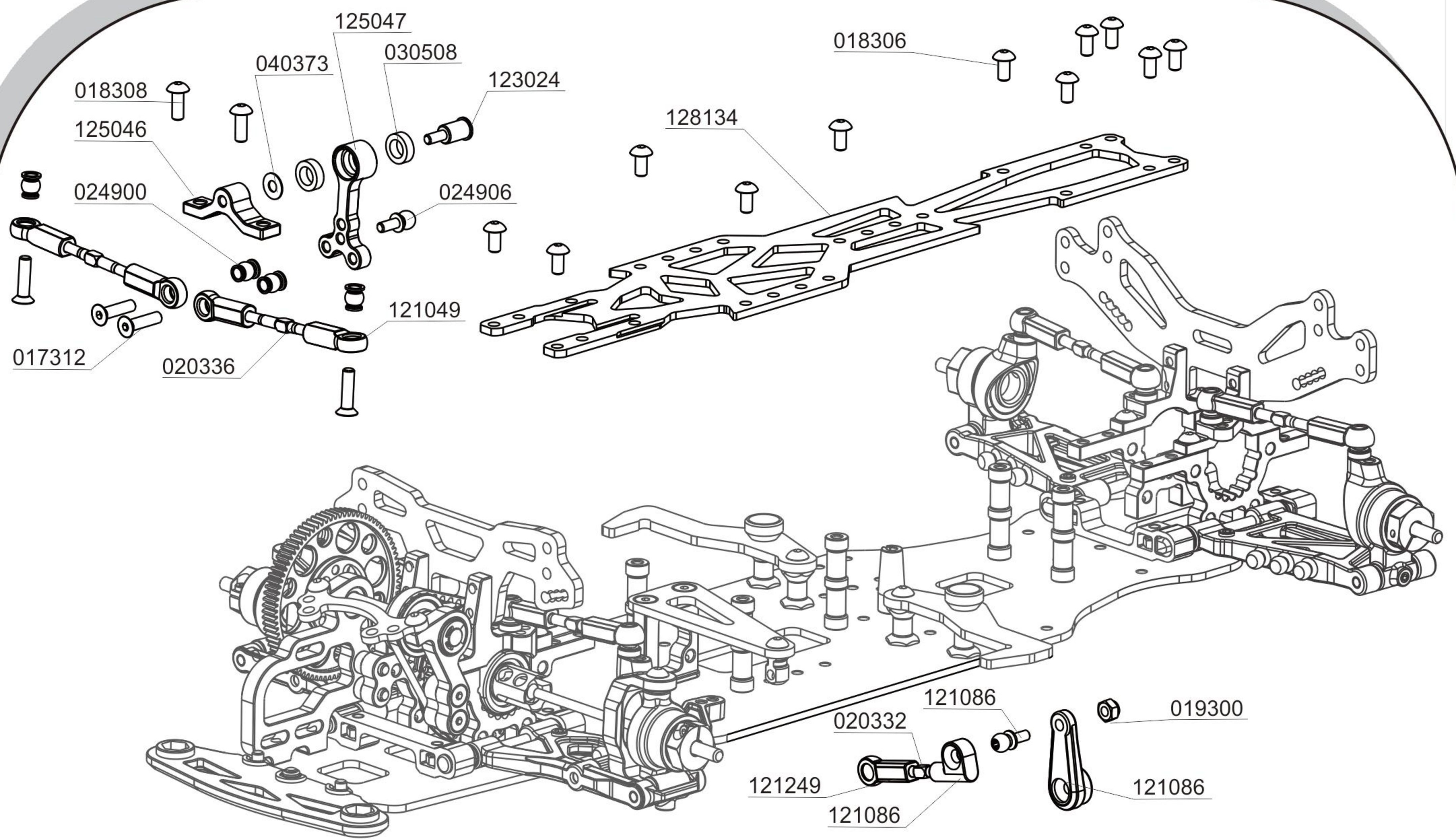
4

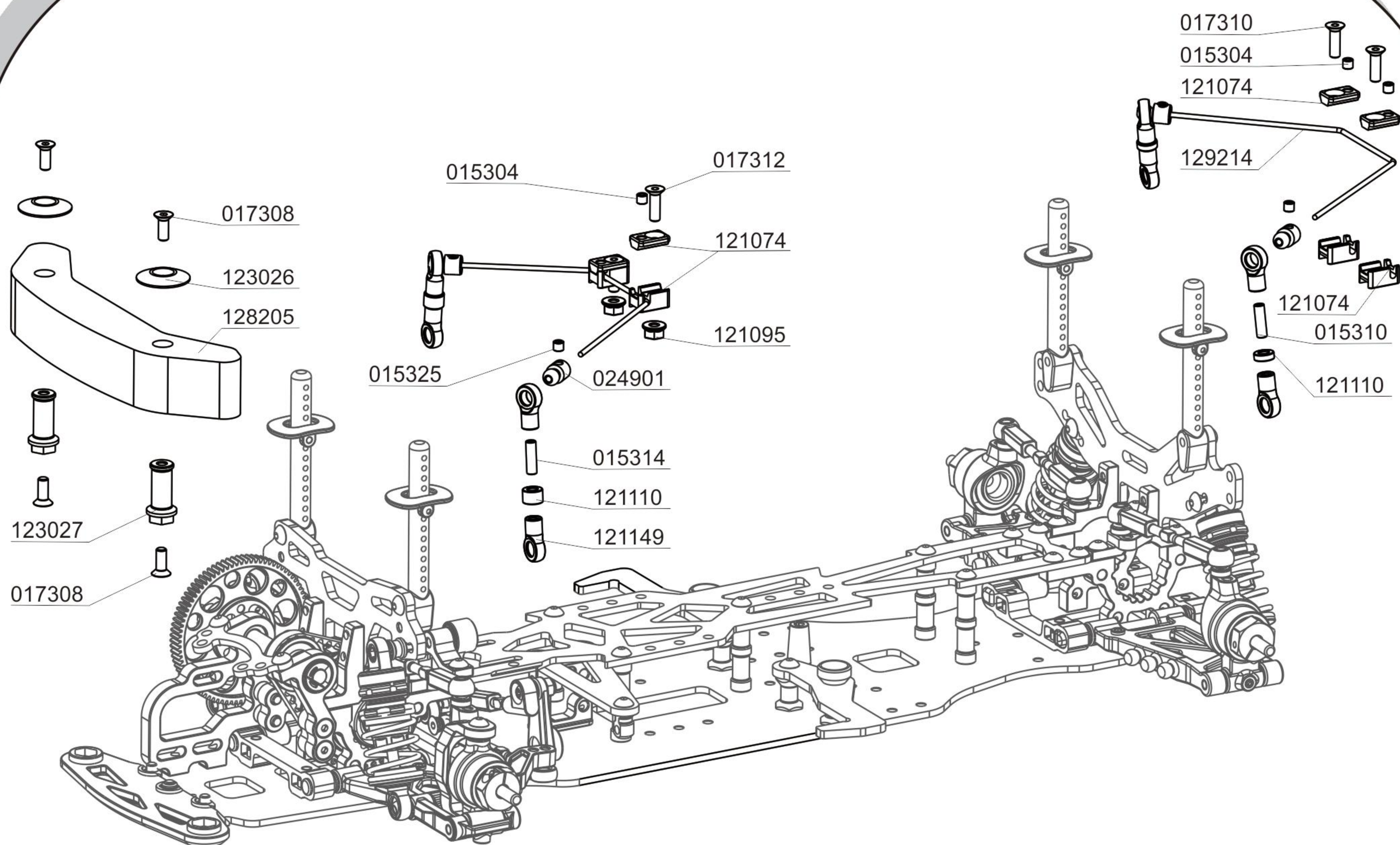


5

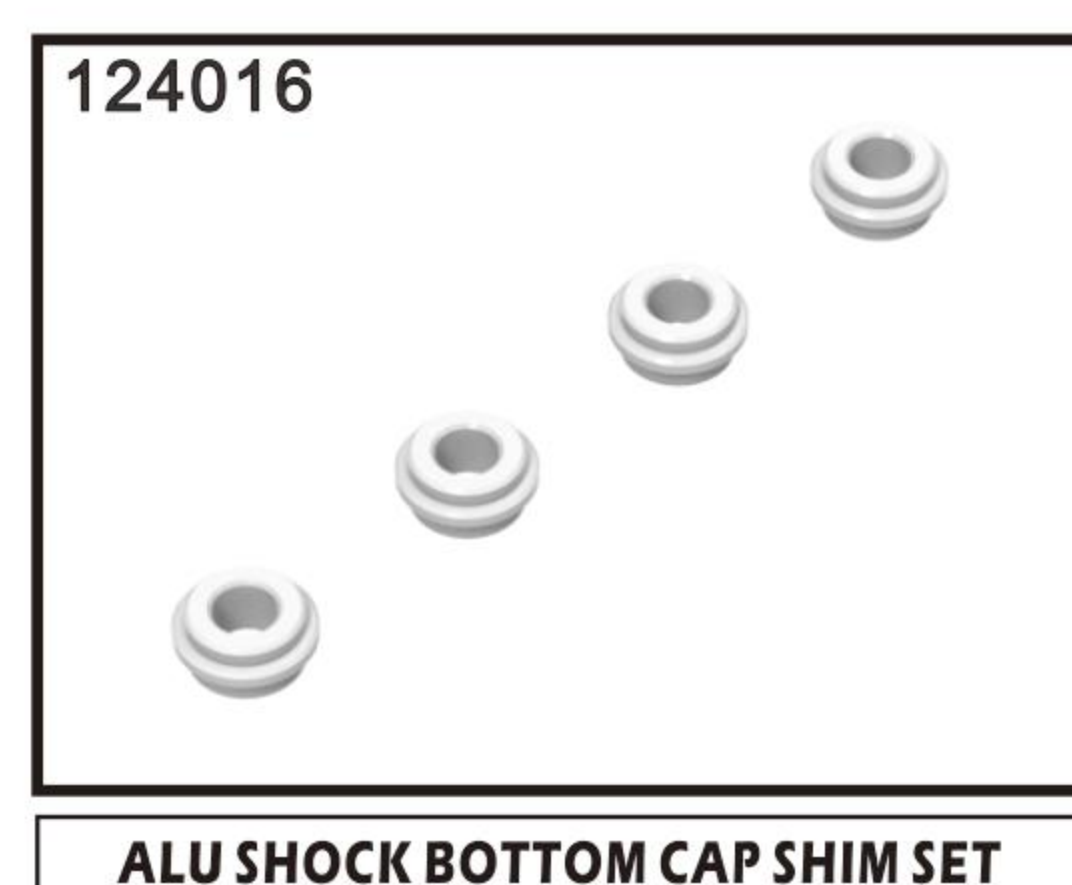
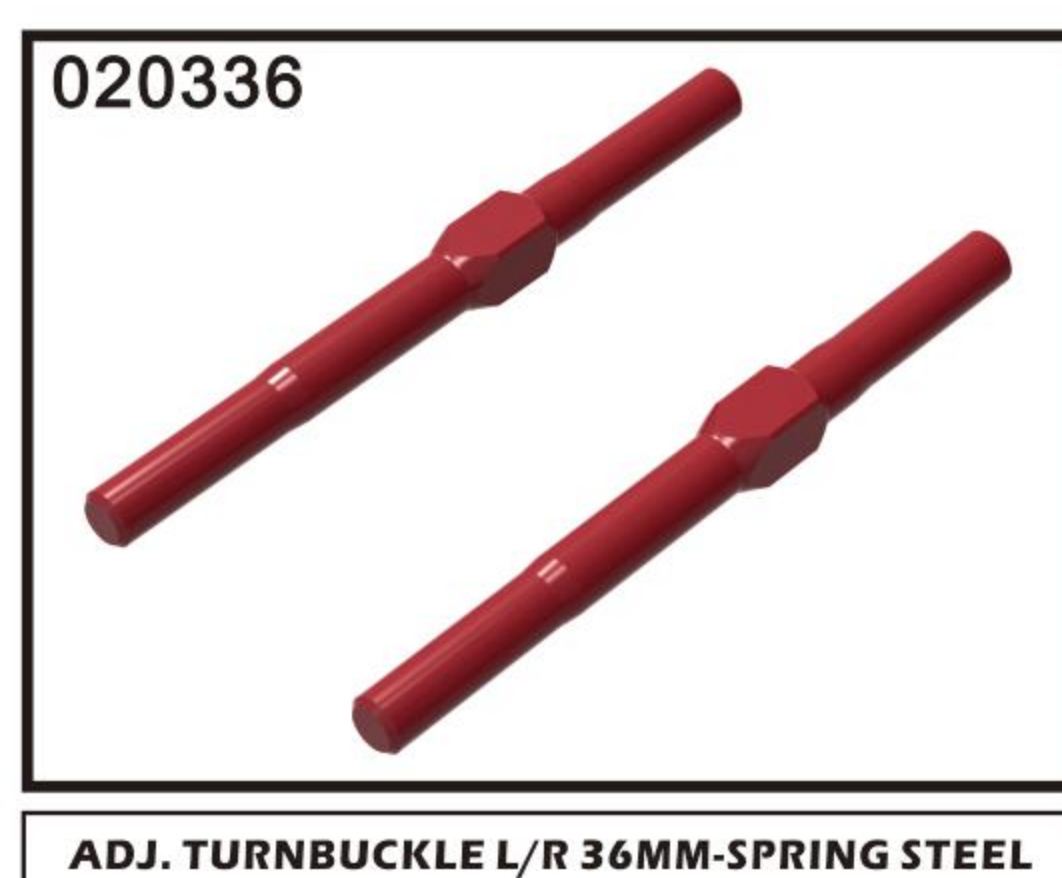
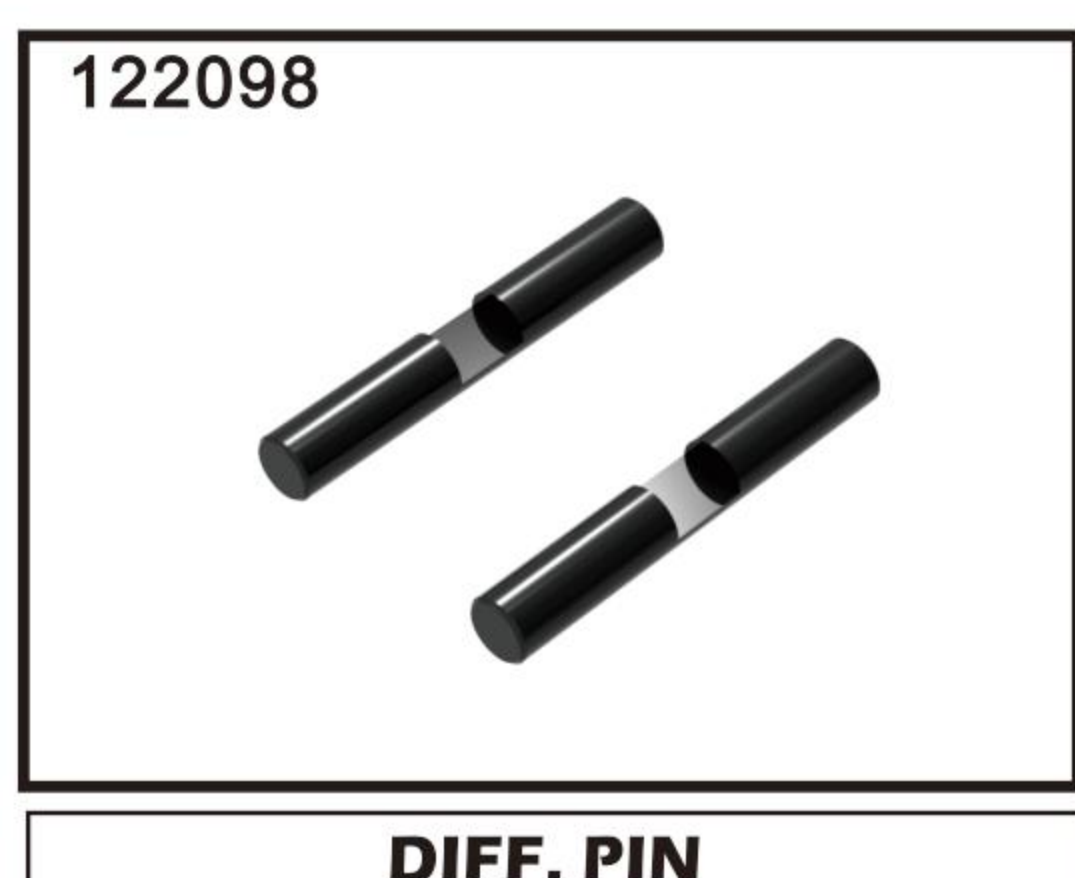
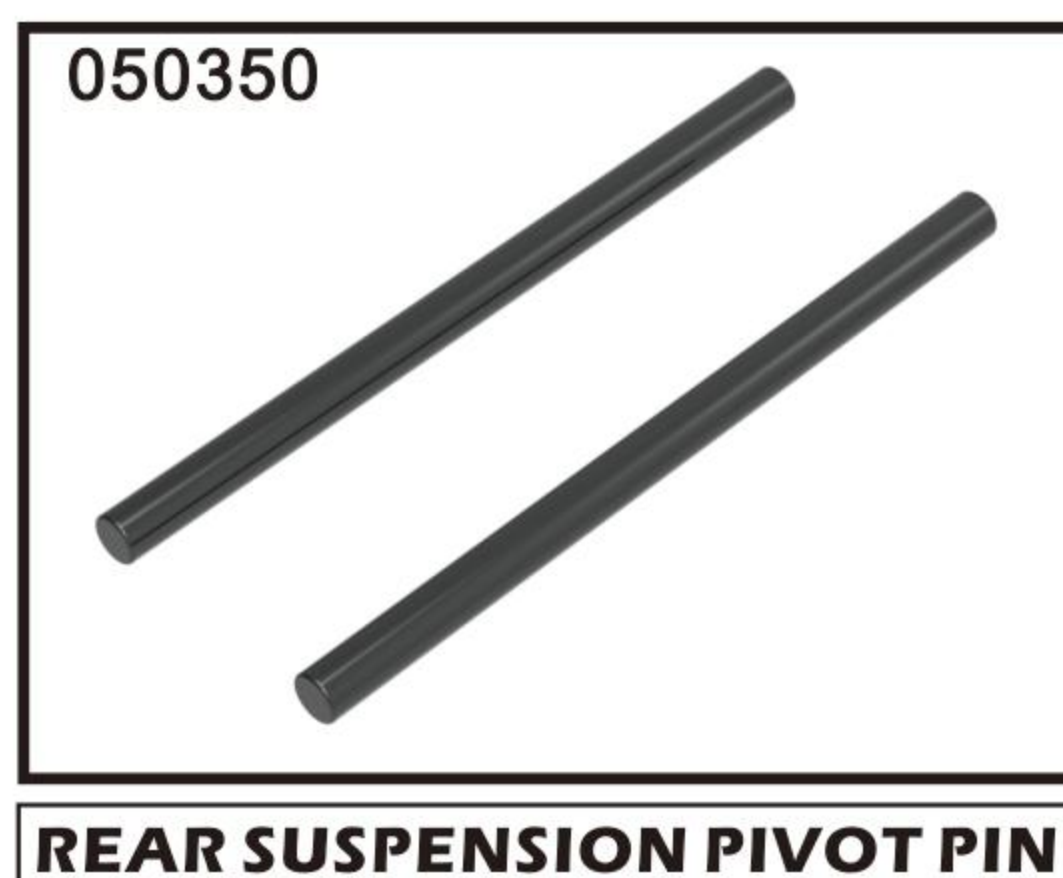
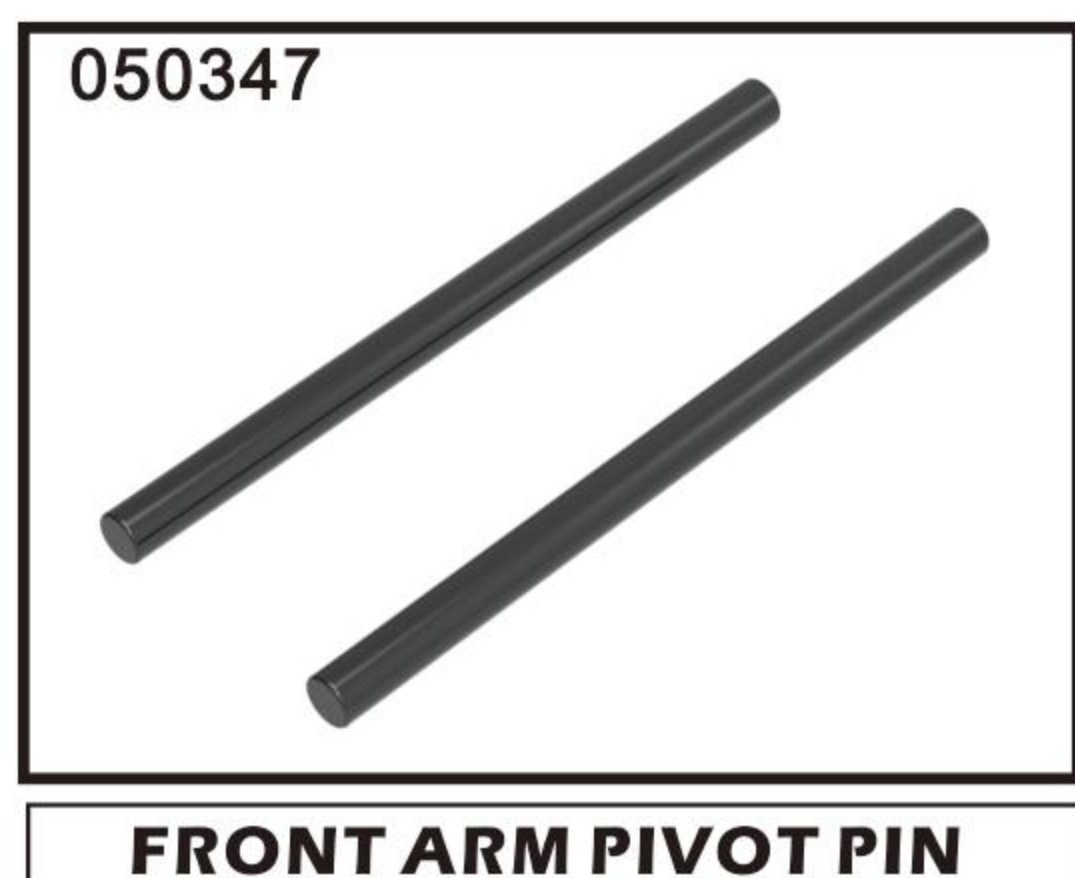
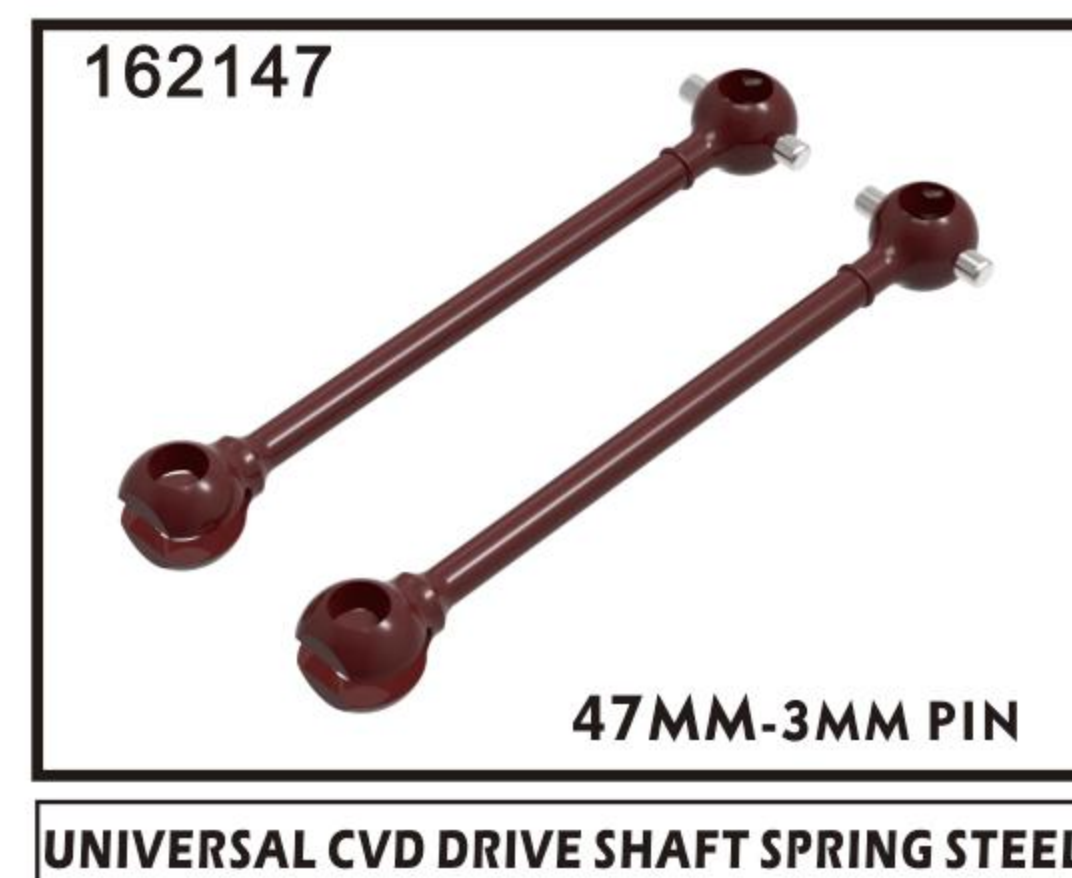
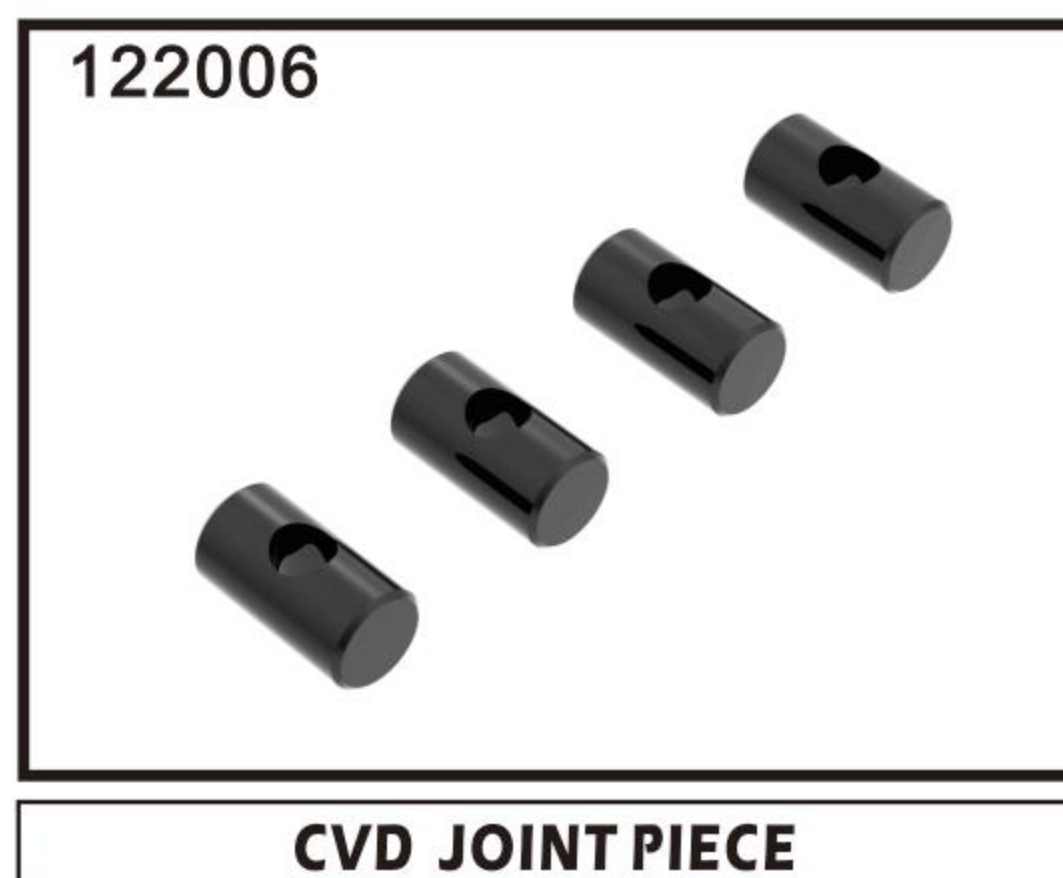








1/10 ELECTRIC TOURING CAR



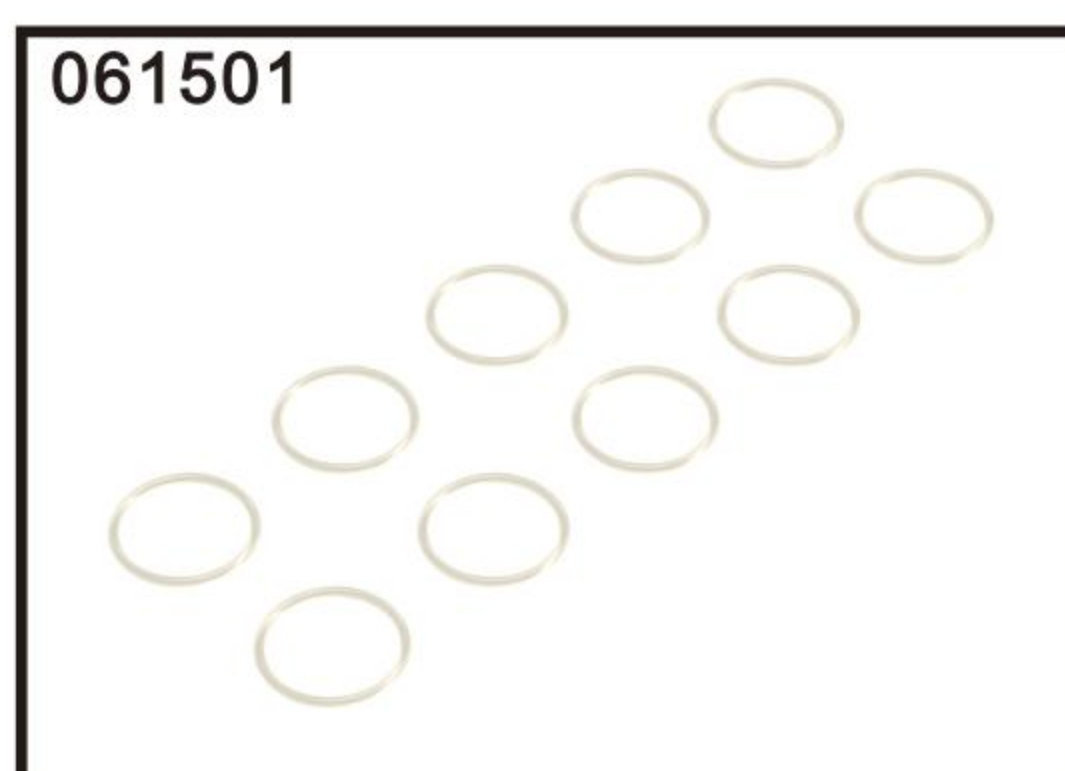
1/10 ELECTRIC TOURING CAR



127002

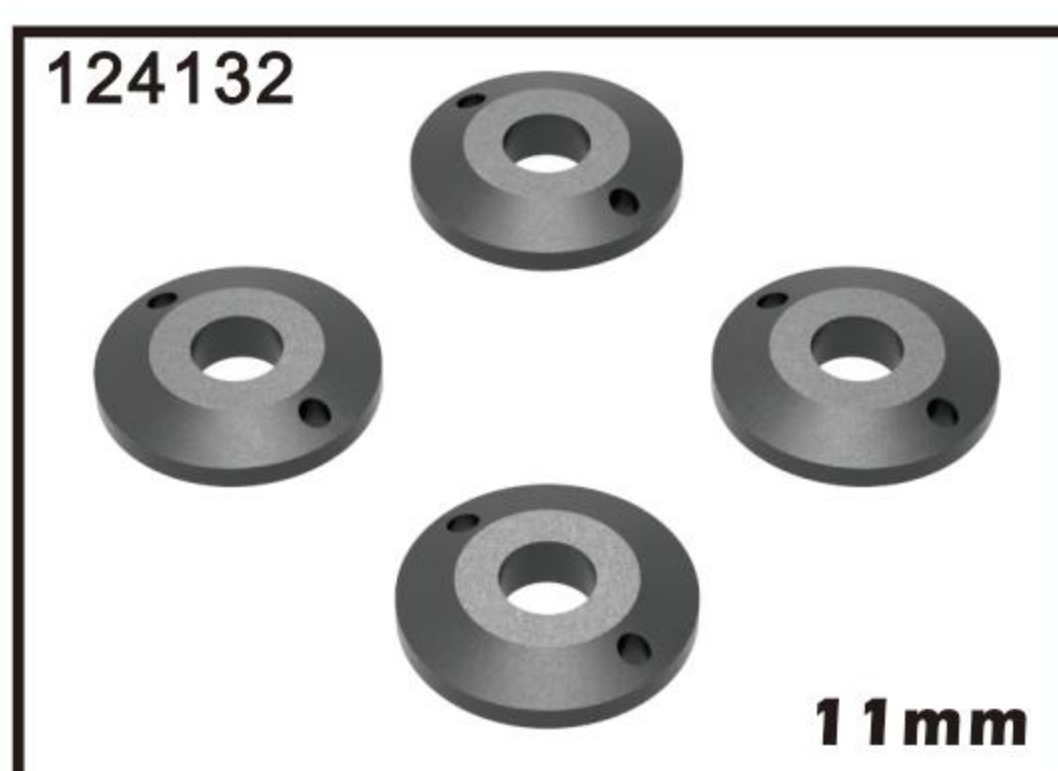
13mm

SHOCK ABSORBER MEMBRANES



061501

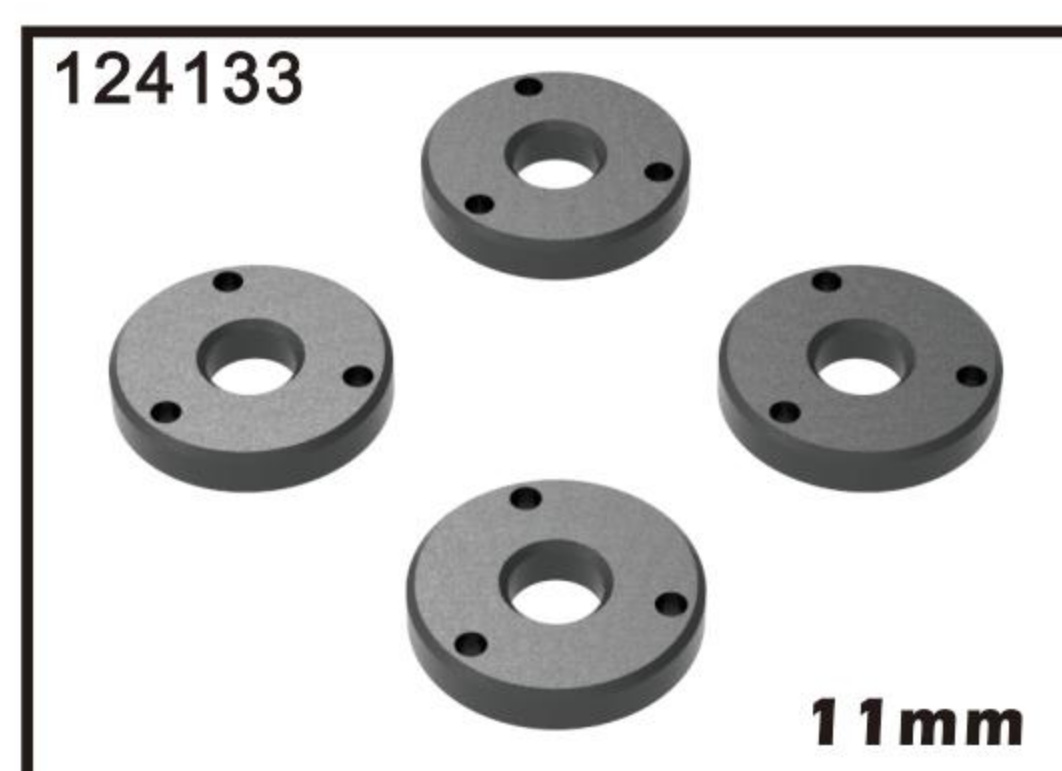
SILICONE O-RING 15X1



124132

11mm

COMPOSITE PISTONS TAPERED



124133

11mm

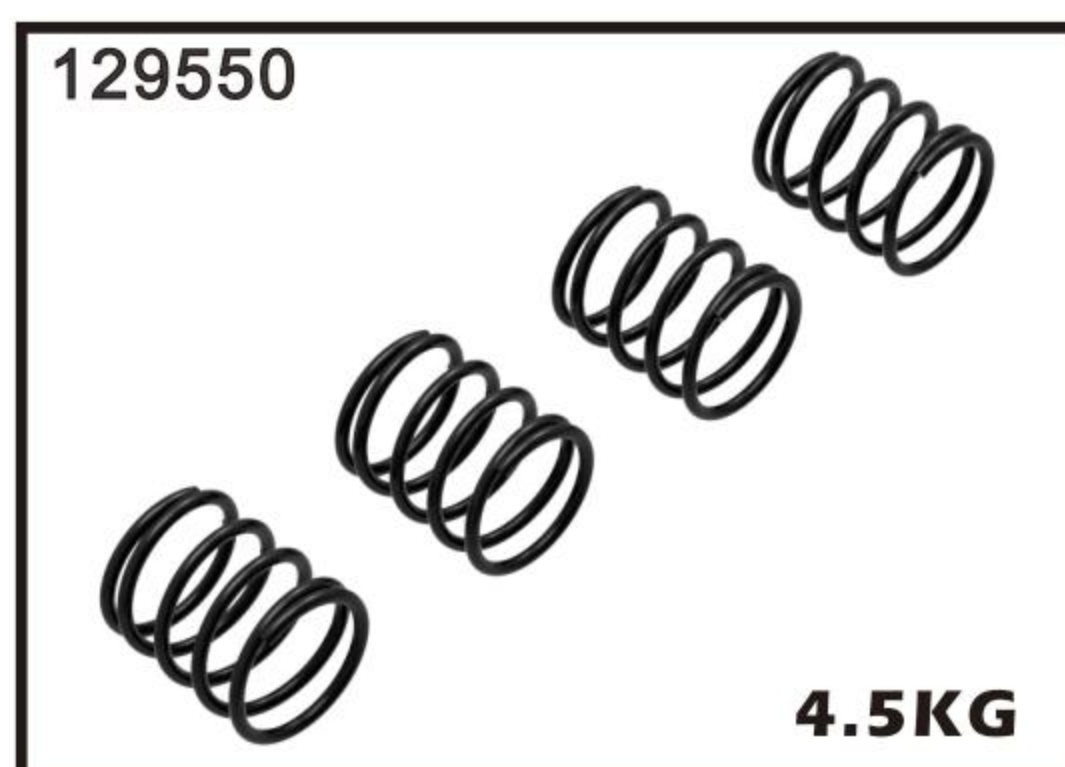
COMPOSITE PISTONS 3-HOLE



124300

13x48.5mm

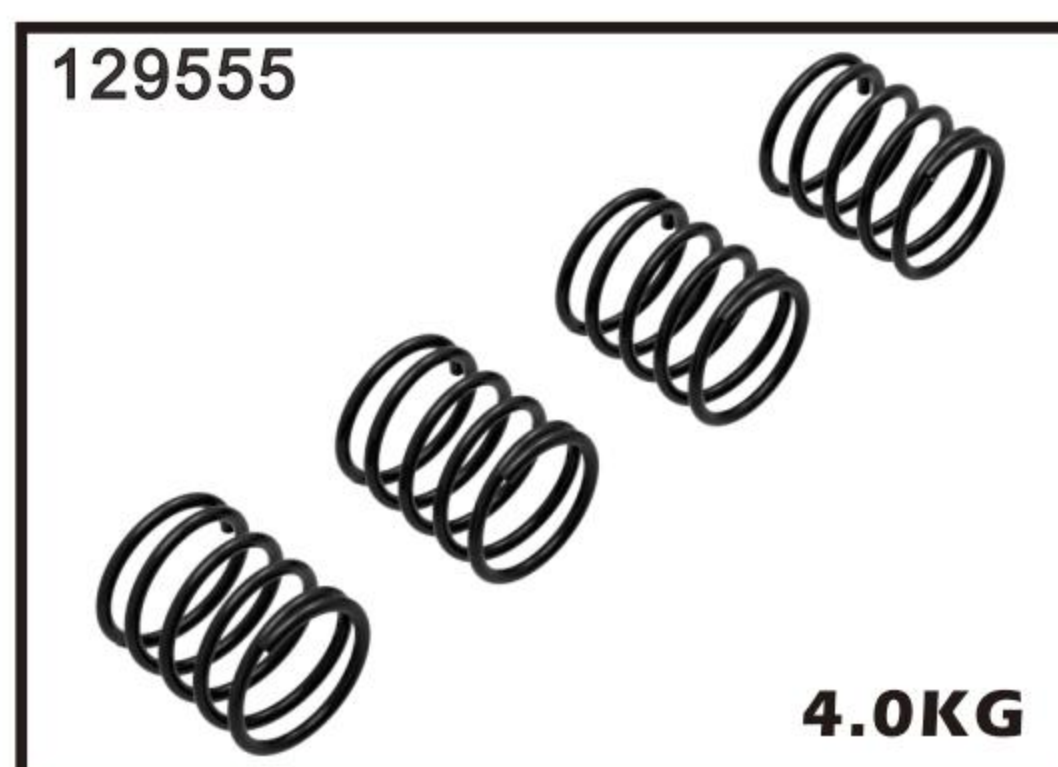
ALU SHOCK ABSORBER-SET 19mm



129550

4.5KG

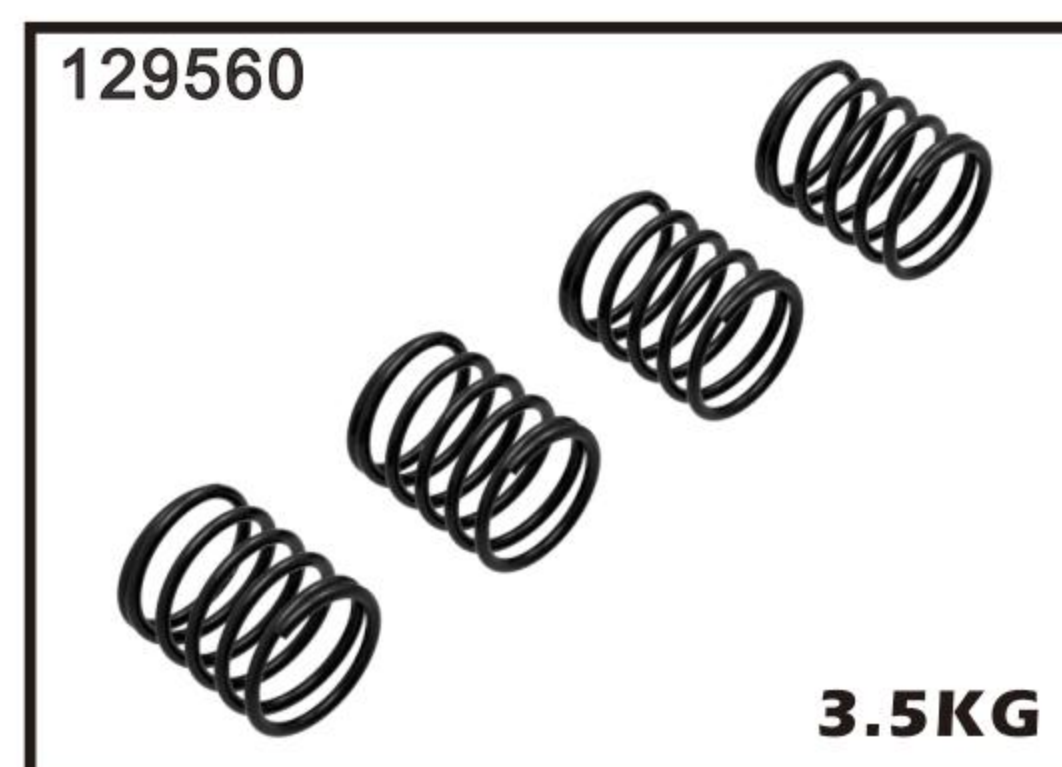
1.5*21*5.0 SUSPENSION SPRING RD



129555

4.0KG

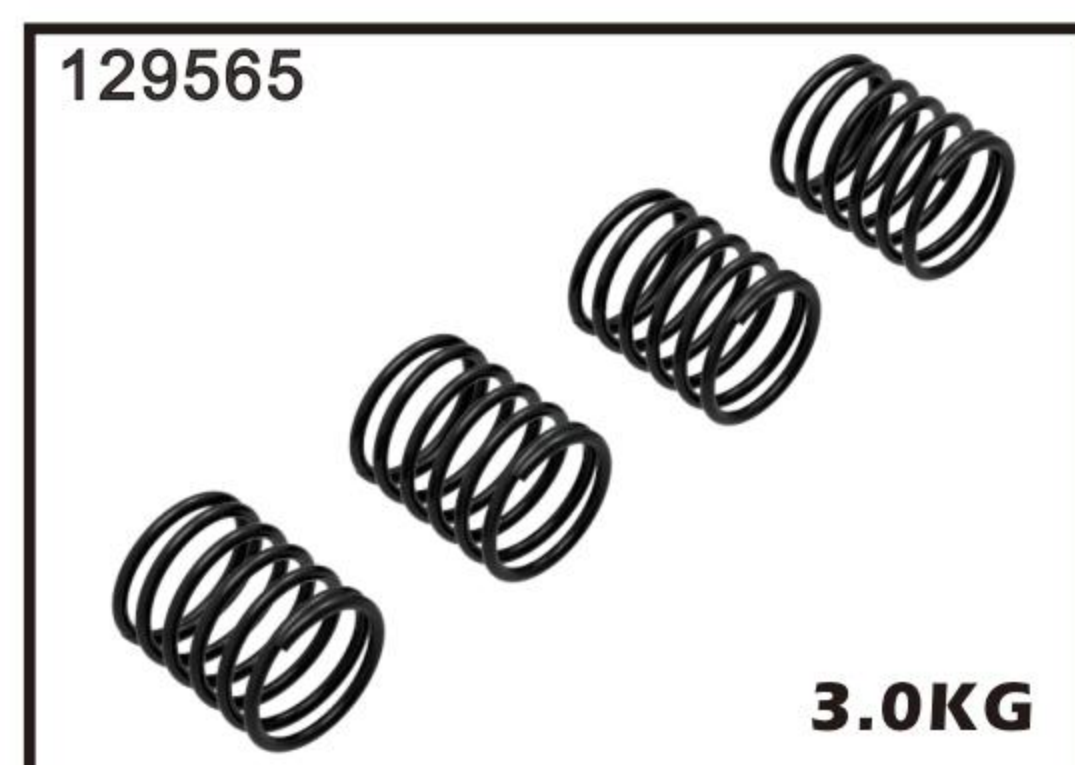
1.5*21*5.5 SUSPENSION SPRING SR



129560

3.5KG

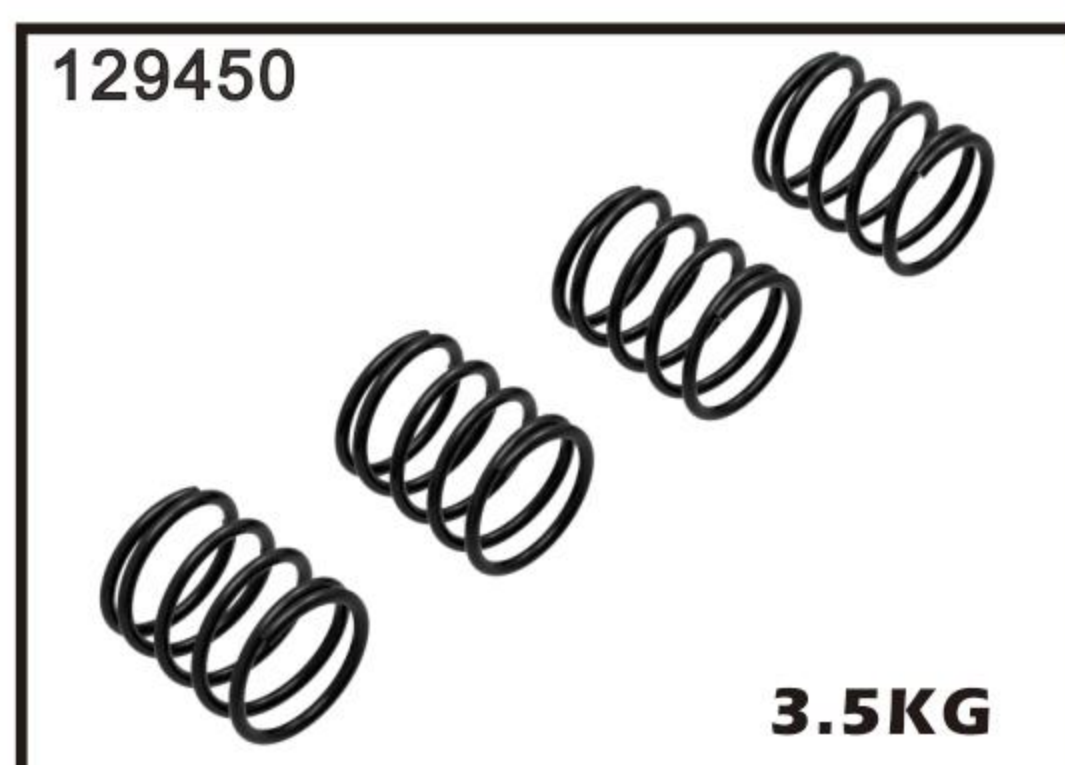
1.5*21*6.0 SUSPENSION SPRING YE



129565

3.0KG

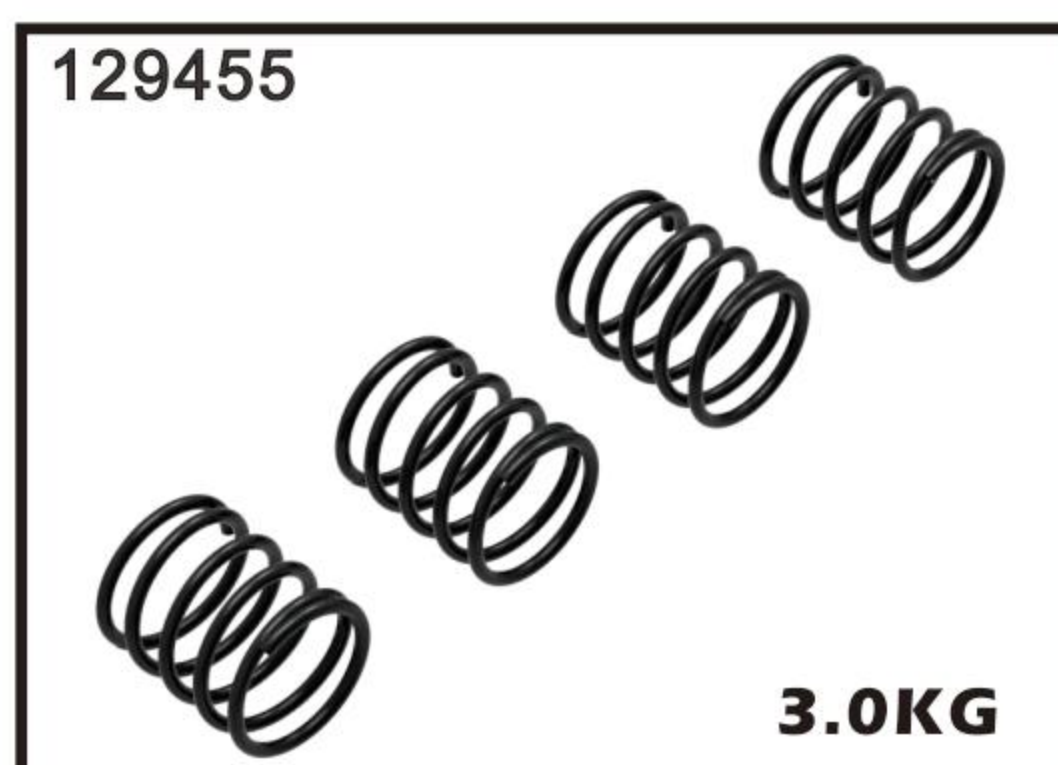
1.5*21*6.5SUSPENSION SPRING BL



129450

3.5KG

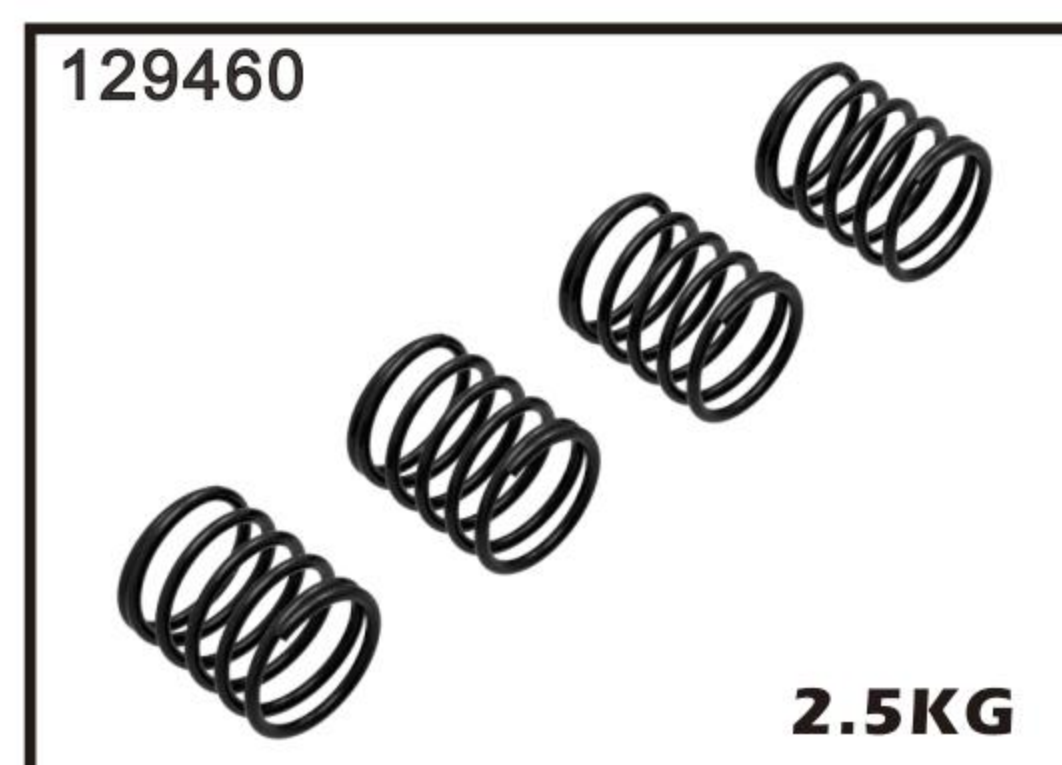
1.4*21*5.0 SUSPENSION SPRING RD



129455

3.0KG

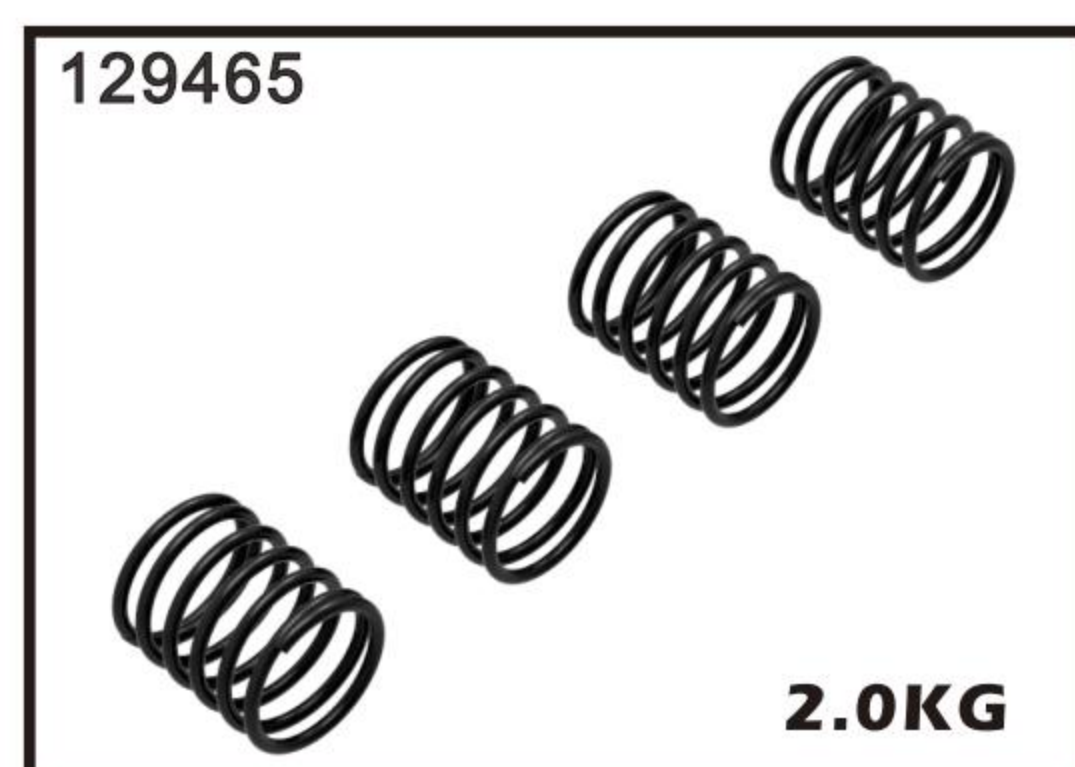
1.4*21*5.5 SUSPENSION SPRING SR



129460

2.5KG

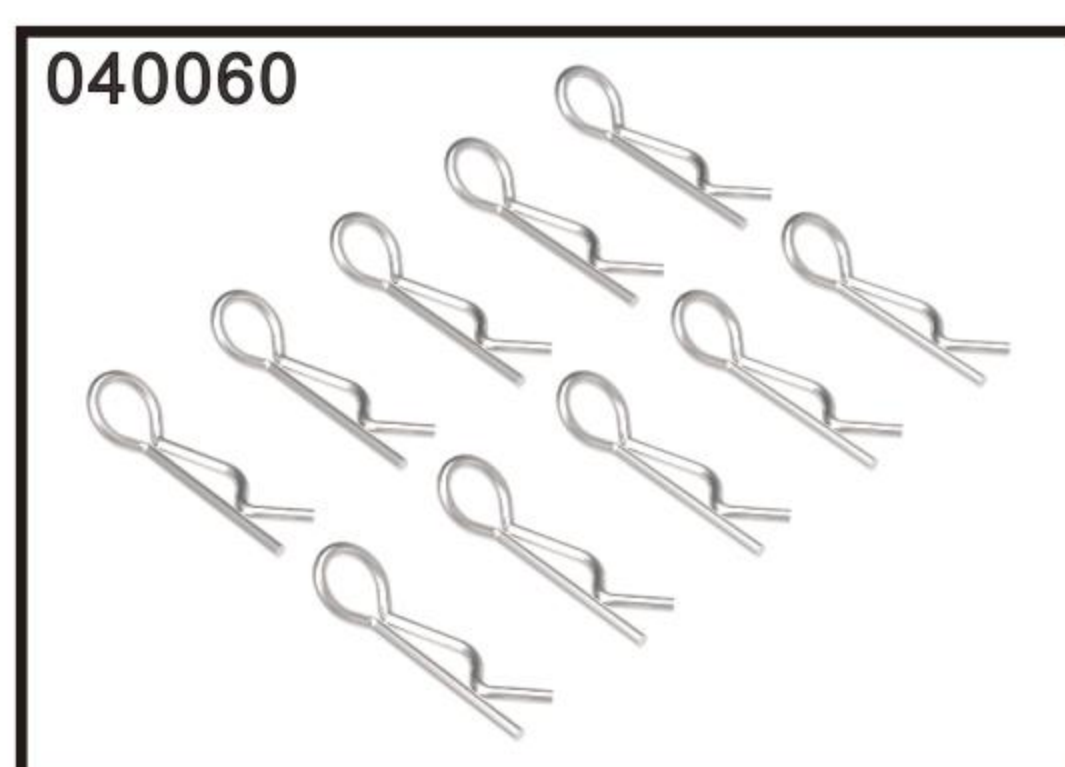
1.4*21*6.0 SUSPENSION SPRING YE



129465

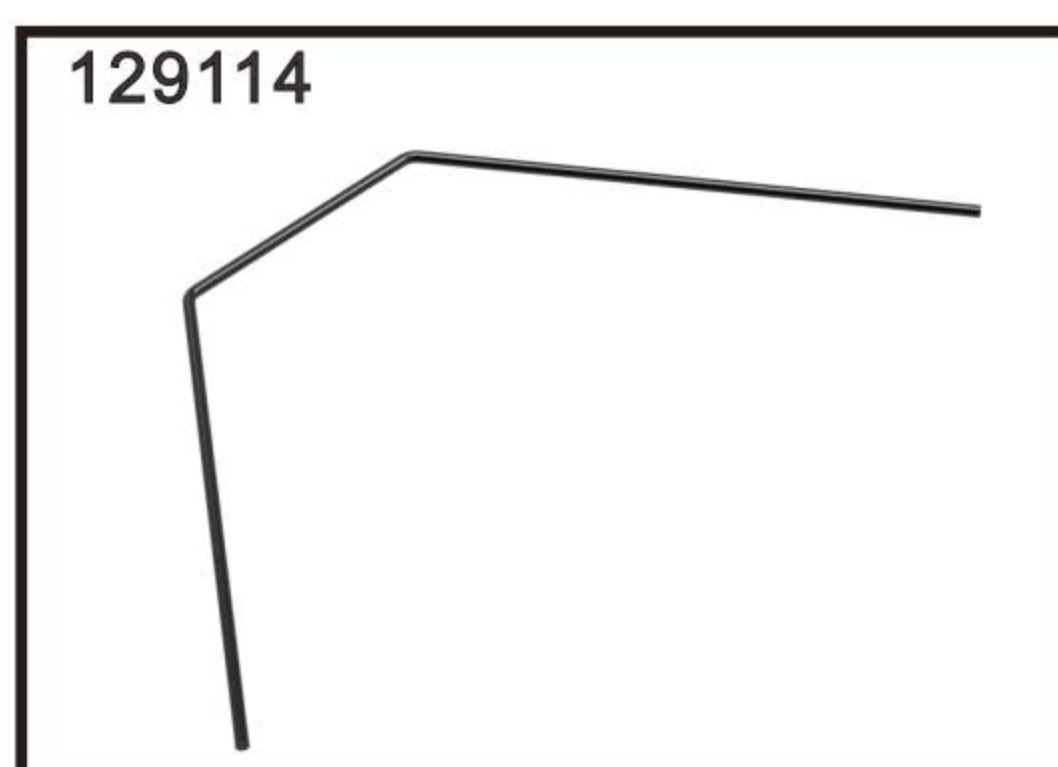
2.0KG

1.4*21*6.5SUSPENSION SPRING BL



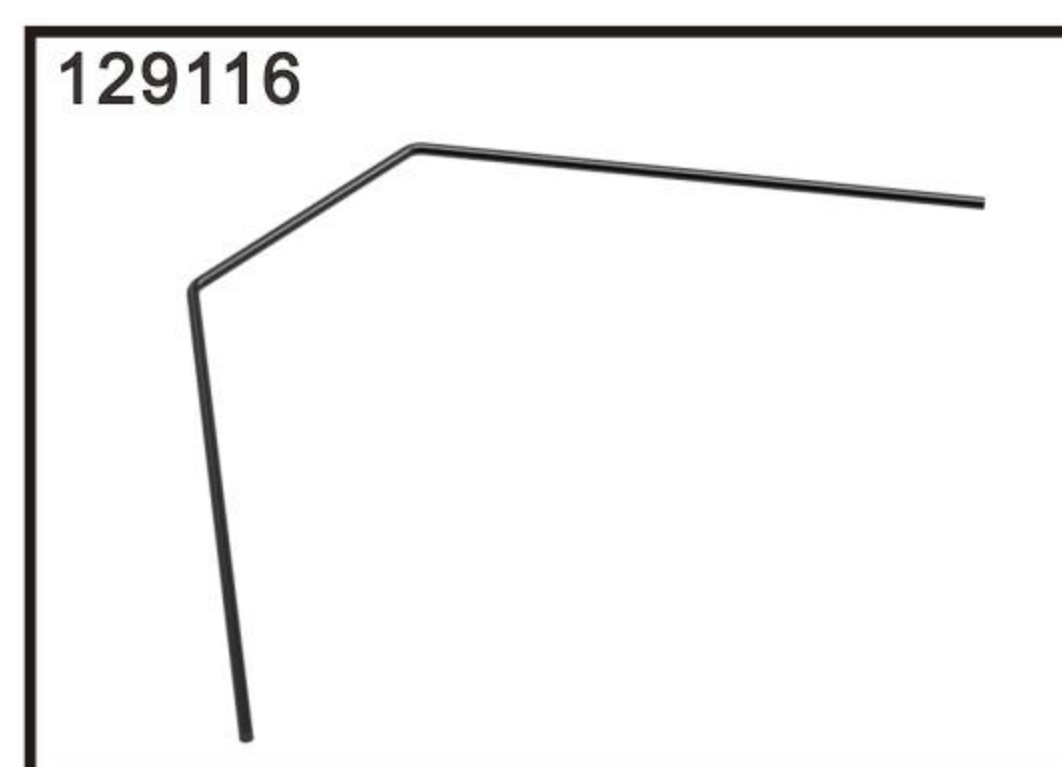
040060

BODY CLIP



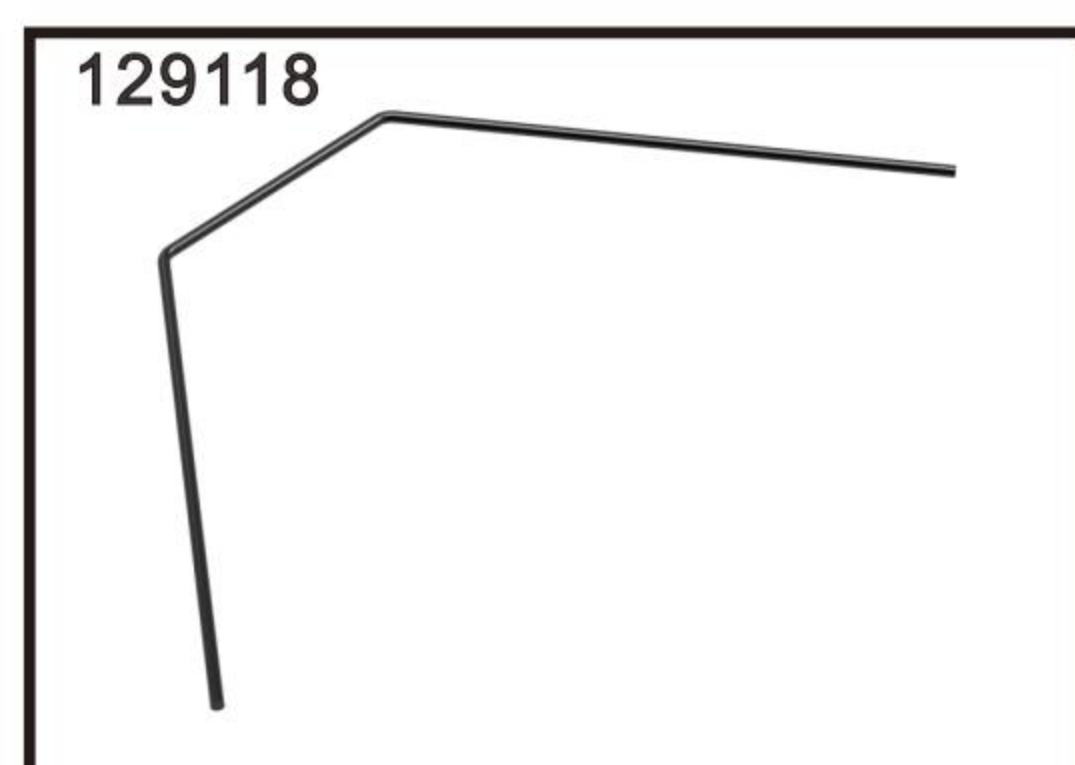
129114

ANTI-ROLL BAR FRONT 1.4MM



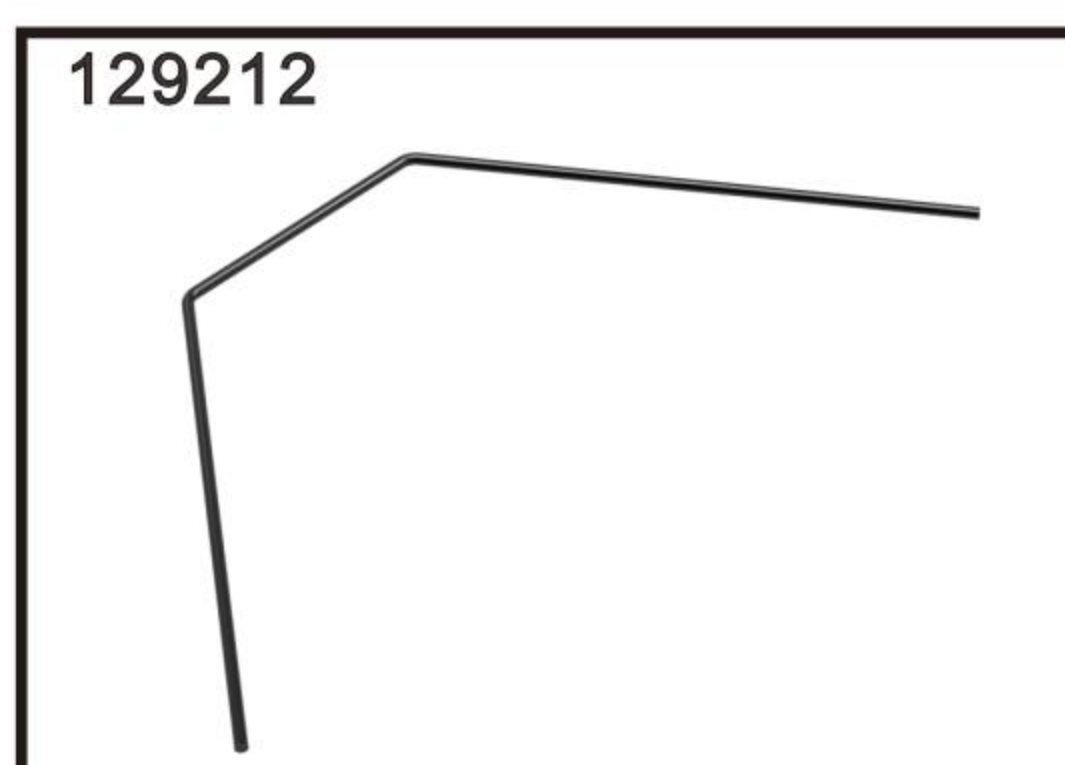
129116

ANTI-ROLL BAR FRONT 1.6MM



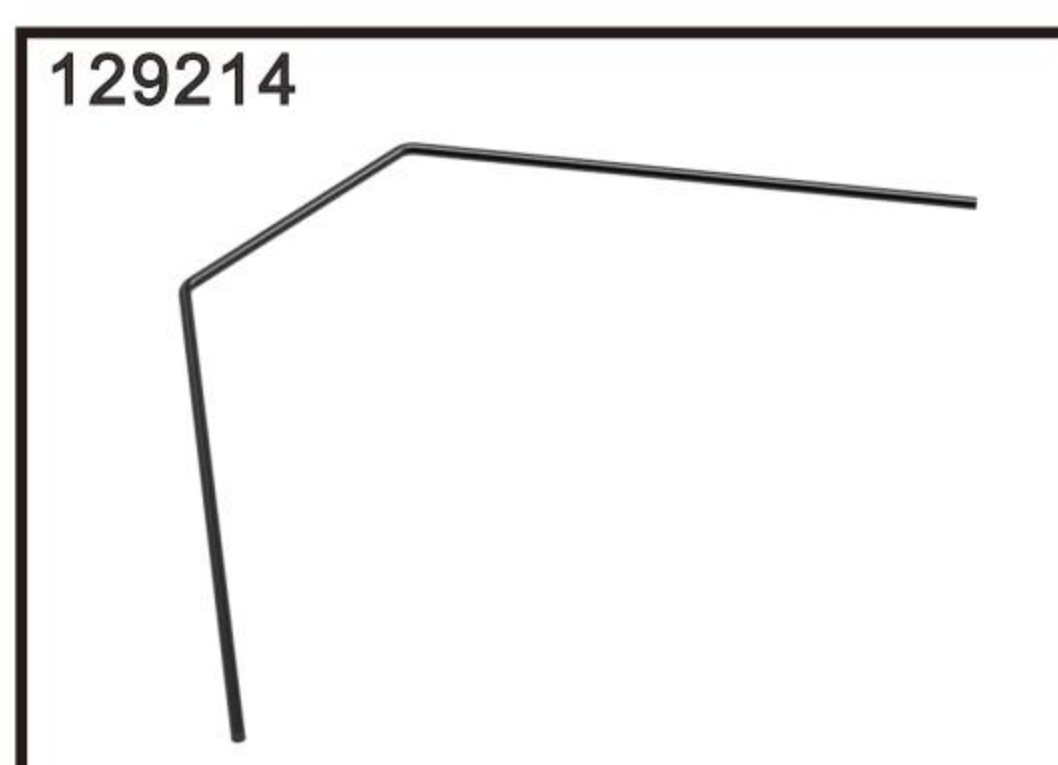
129118

ANTI-ROLL BAR FRONT 1.8MM



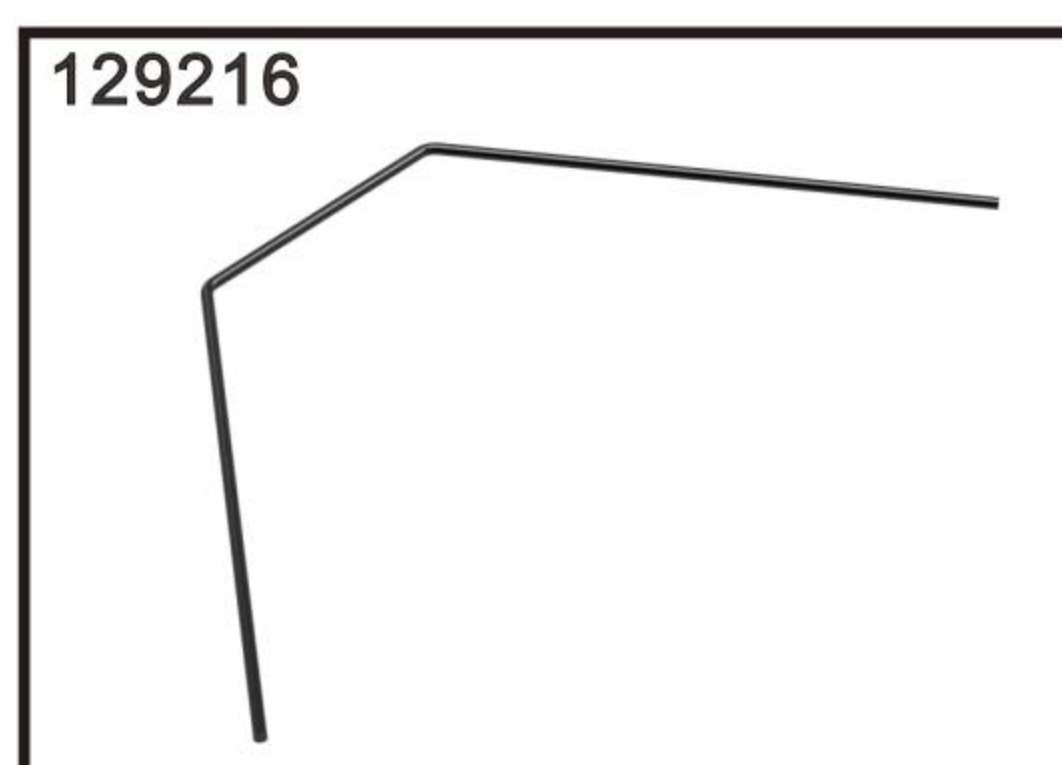
129212

ANTI-ROLL BAR REAR 1.2MM



129214

ANTI-ROLL BAR REAR 1.4MM



129216

ANTI-ROLL BAR REAR 1.6MM



163130

3.1 S2

UNIVERSAL CVD DRIVE SHAFT-STEEL



163131

3.1 S2

FRONT SOLID AXLE SPOOL OUTDRIVE- SPRING STEEL



160131

3.1 S2

FRONT SOLID AXLE SET-SPRING STEEL



125019

FRONT SOLID AXLE

1/10 ELECTRIC TOURING CAR



123204



3.1 S2

ONE WAY SOLID AXLE OUTDRIVE-SPRING STEEL

120204



3.1 S2

ONE WAY SOLID AXLE SET-SPRING STEEL OUTDRIVE

024900



PIVOT BALL 4.9MM DOUBLE BELVE SHOULDERS

024901



4.9MM TRIPPING BALL HEAD-STEEL

024902



TRIPPING BALL HEAD-4.9MM ALU.

024904



BALL END 4.9MM WITH THREAD 4MM

024906



BALL END 4.9MM WITH THREAD 6MM

024908



BALL END 4.9MM WITH THREAD 8MM

024910



BALL END 4.9MM WITH THREAD 10MM

025800



BALL UNIVERSAL 5.8MM HEX

025801



BALL UNIVERSAL 5.8MM HEX

025806



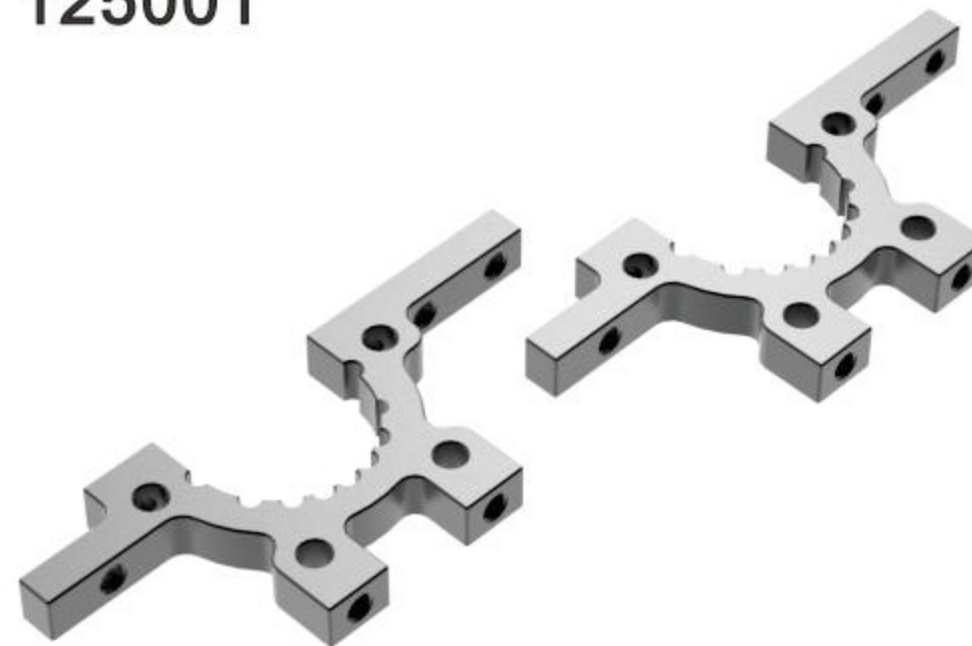
BALL END 5.8MM WITH THREAD 6MM

025808



BALL END 5.8MM WITH THREAD 8MM

125001



ALU LOWER SUSP. ADJUST. BULKHEAD

125004



BEARING SLEEVE CLAMP-GT CAR -(L+R)

125006



LOWER SUSPENSION HOLDER(FF)

125007



LOWER SUSPENSION HOLDER(FR)

125008



LOWER SUSPENSION HOLDER(RF)

125009



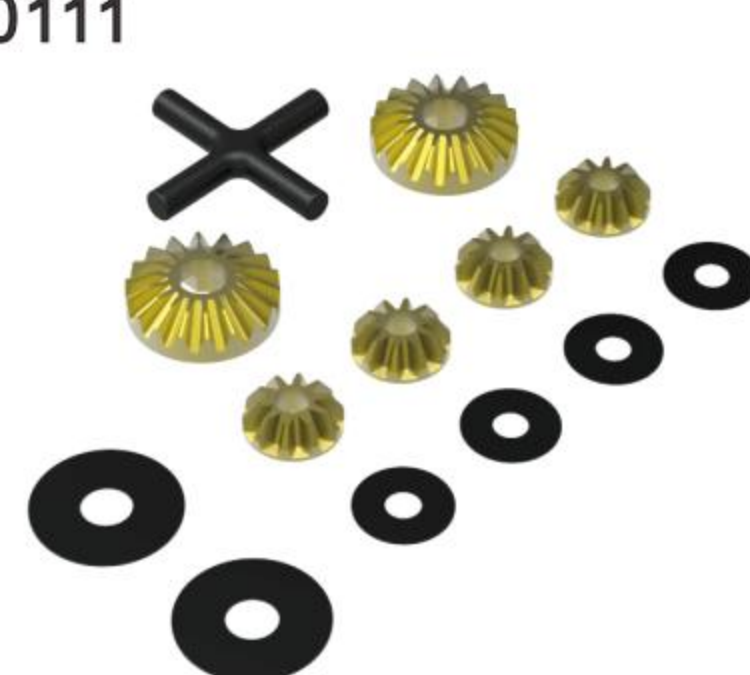
LOWER SUSPENSION HOLDER(RR)

125012



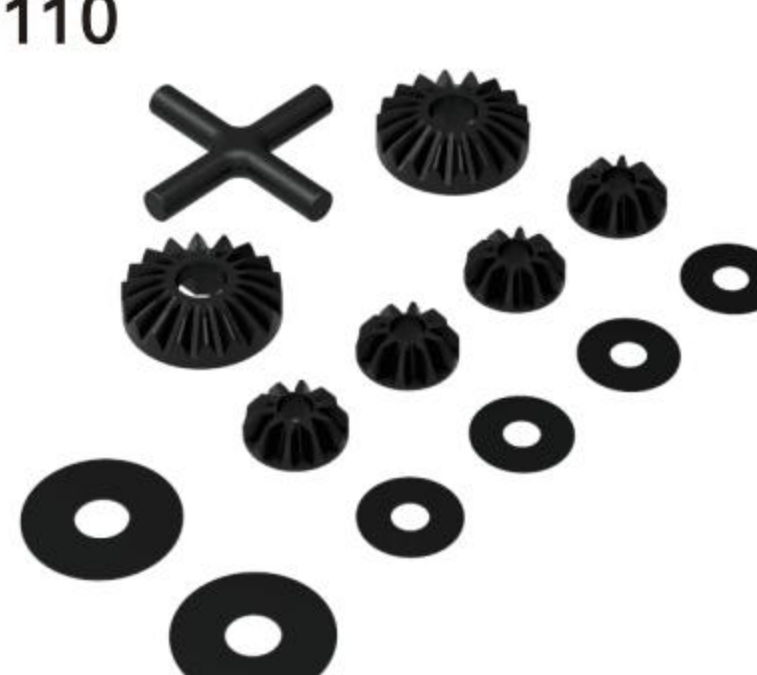
OPTION ALU WHEEL HUB

090111



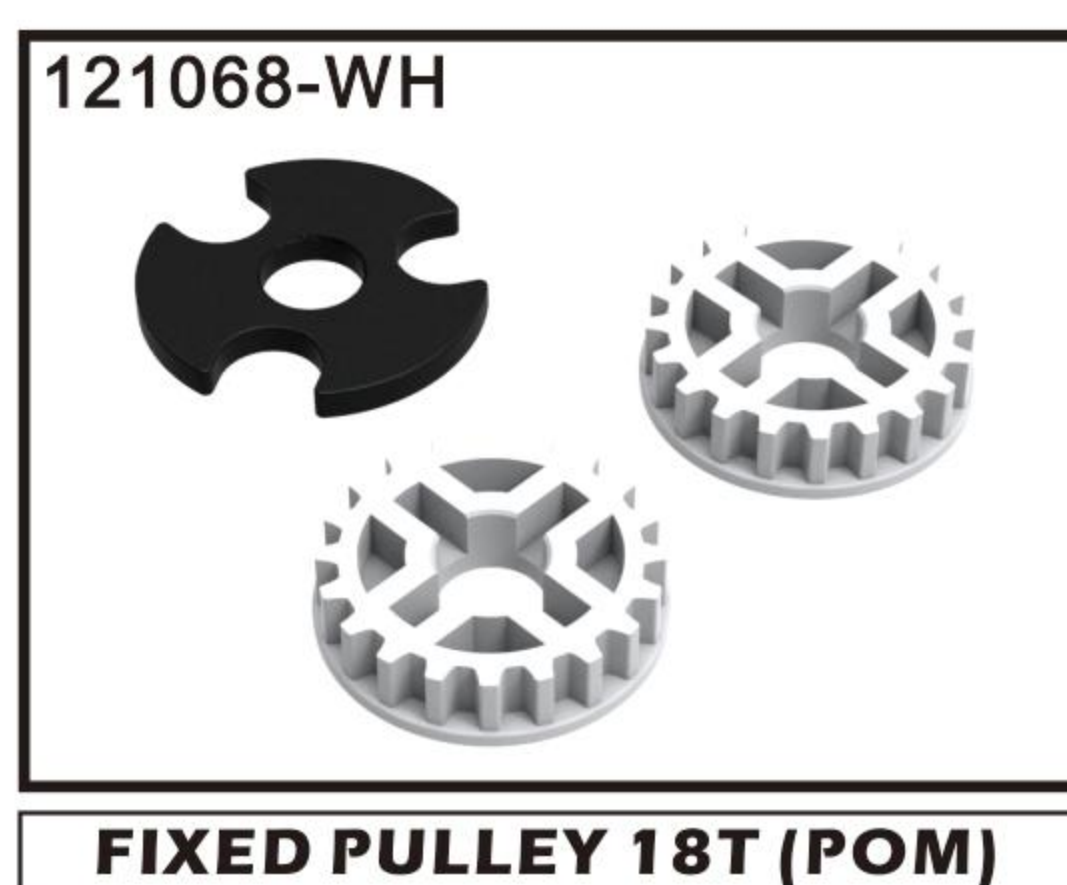
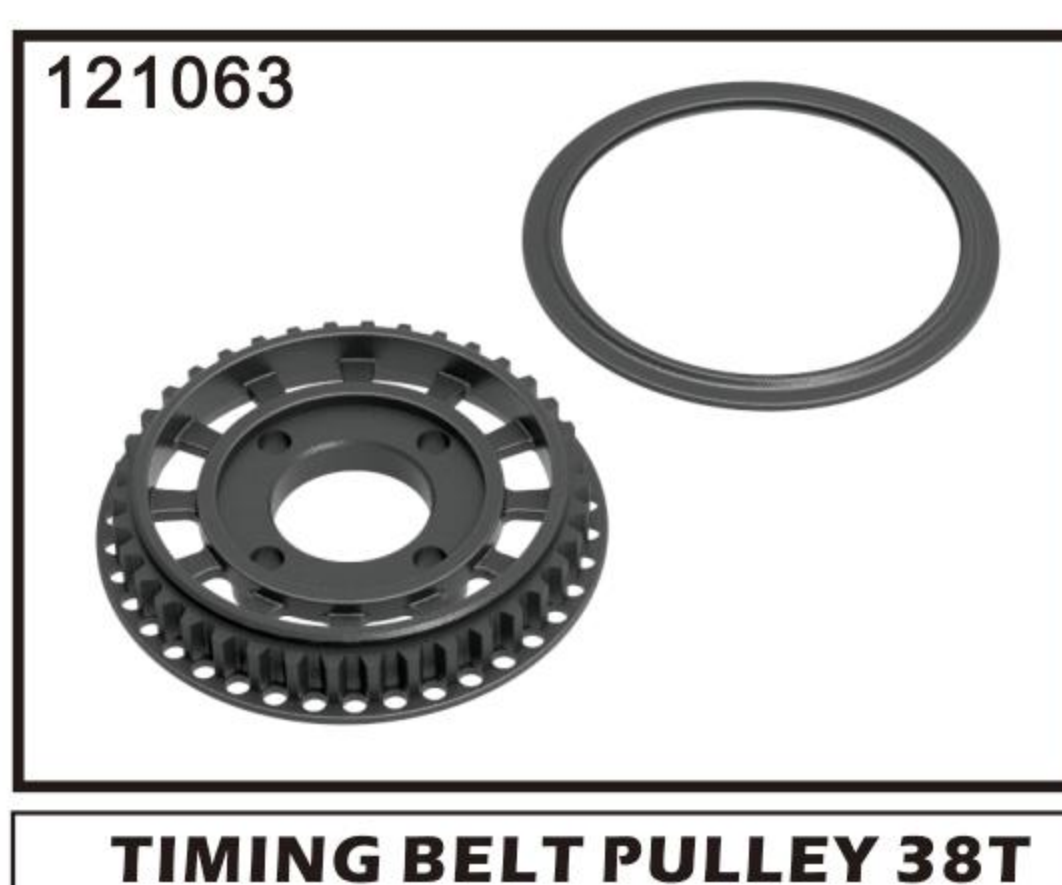
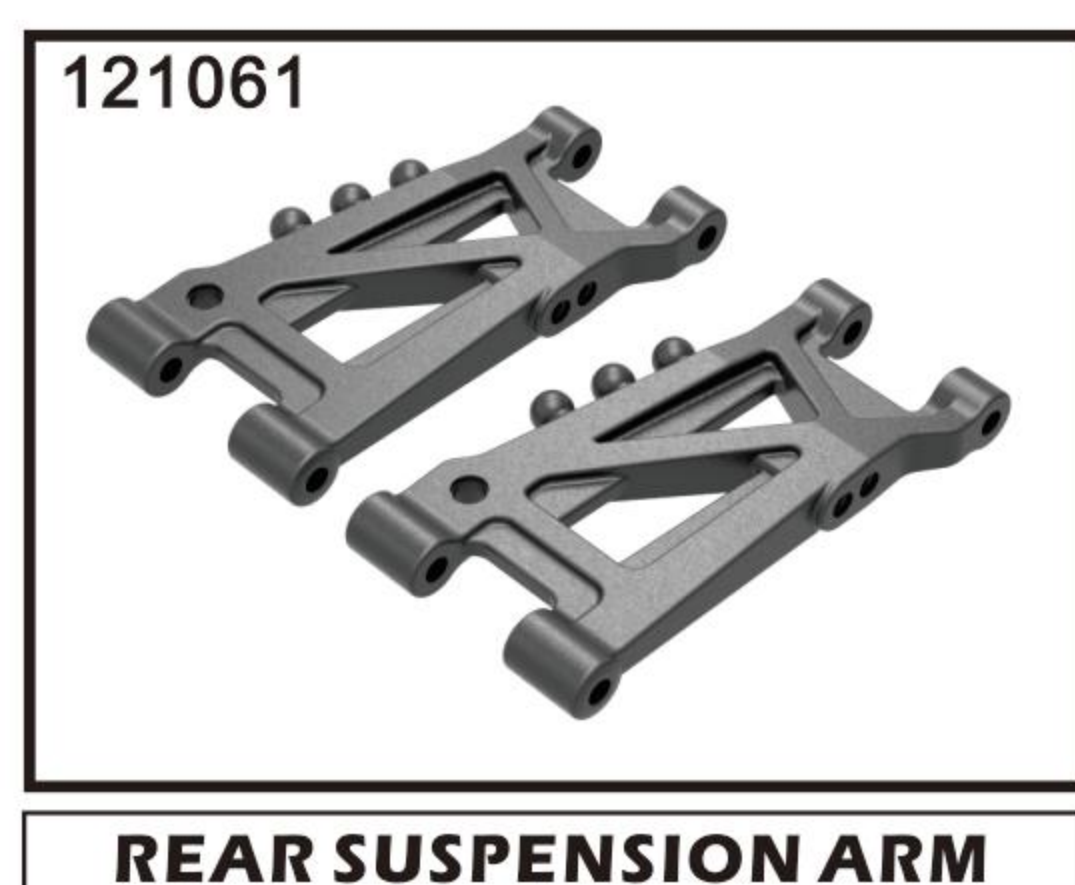
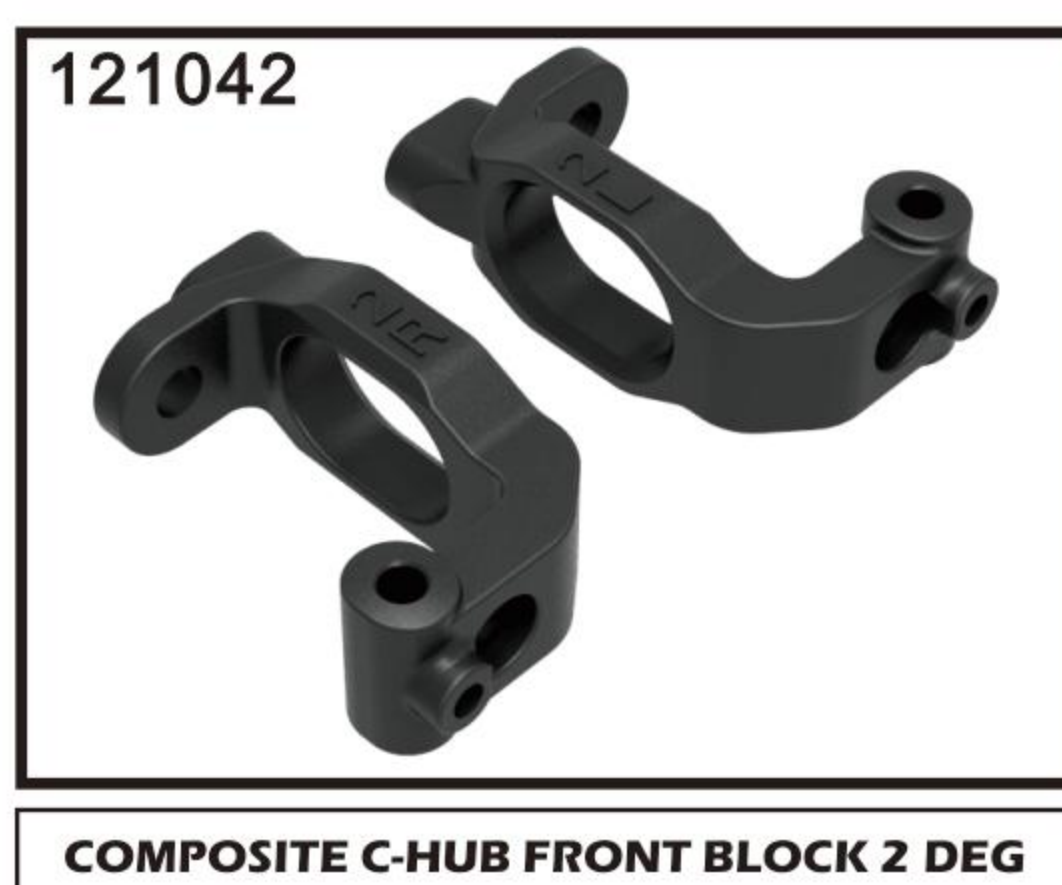
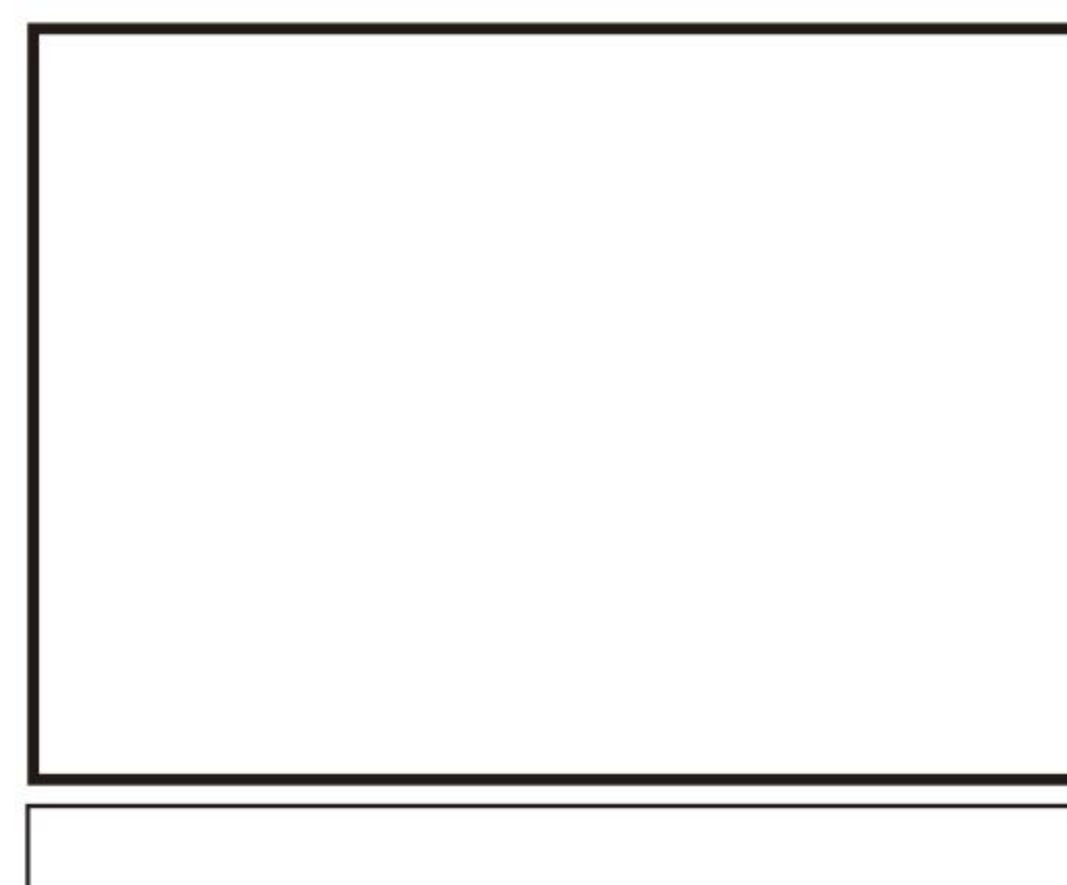
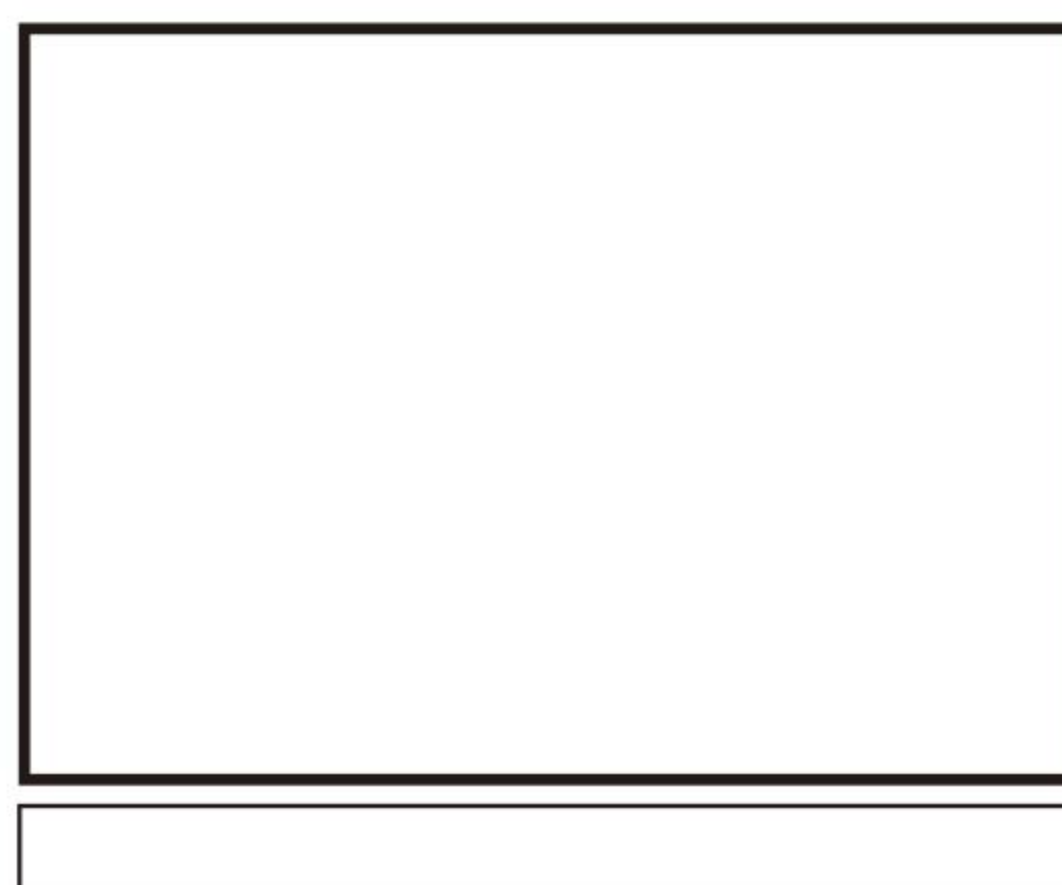
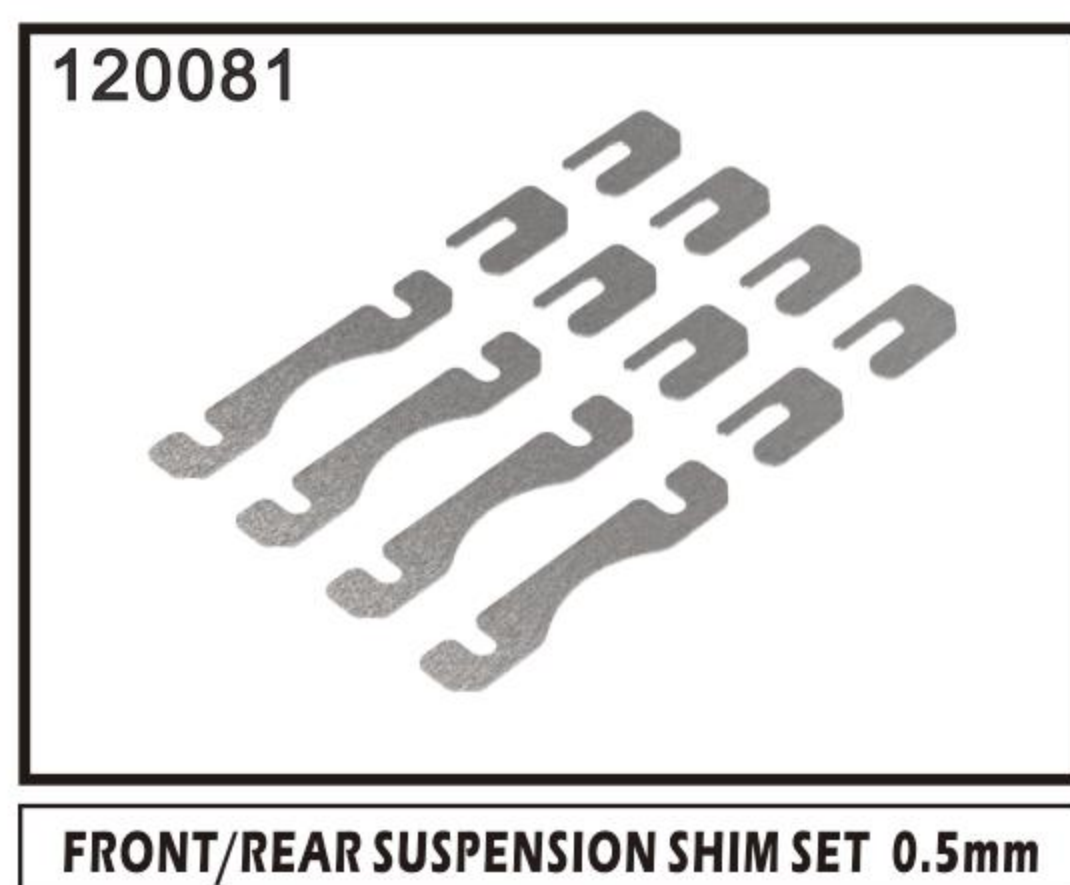
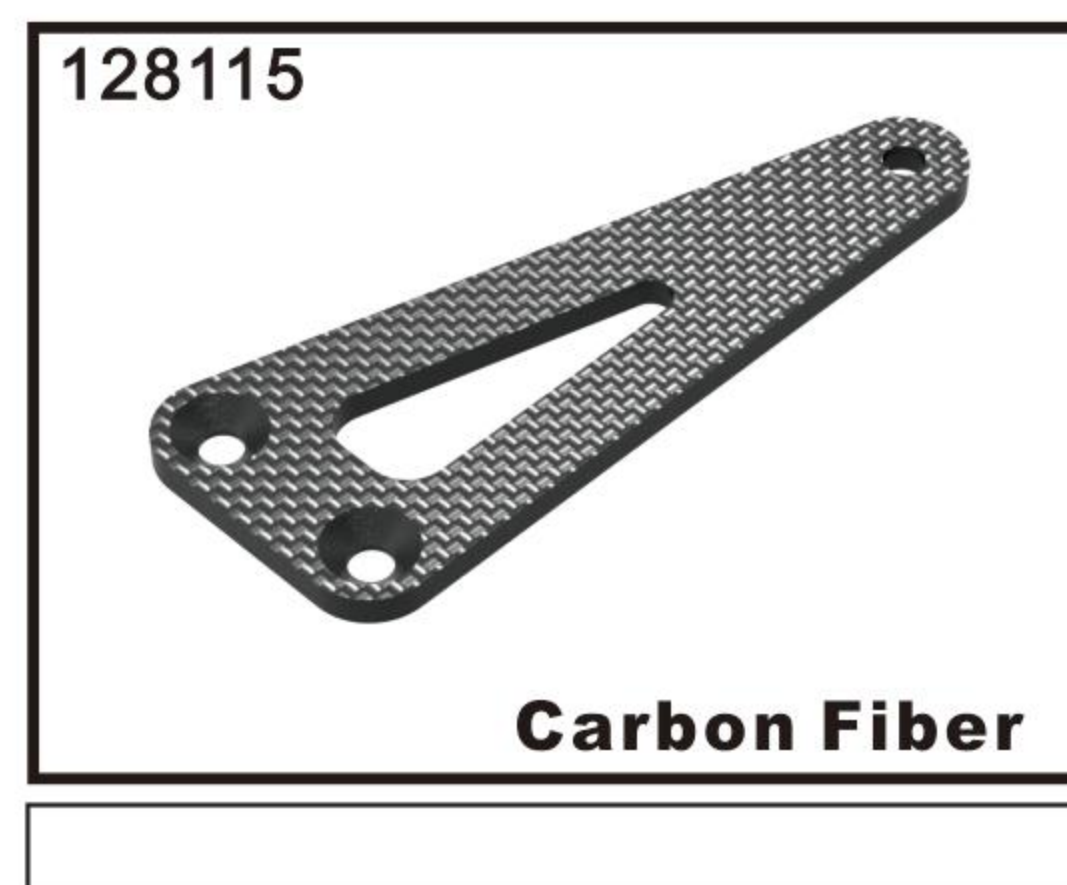
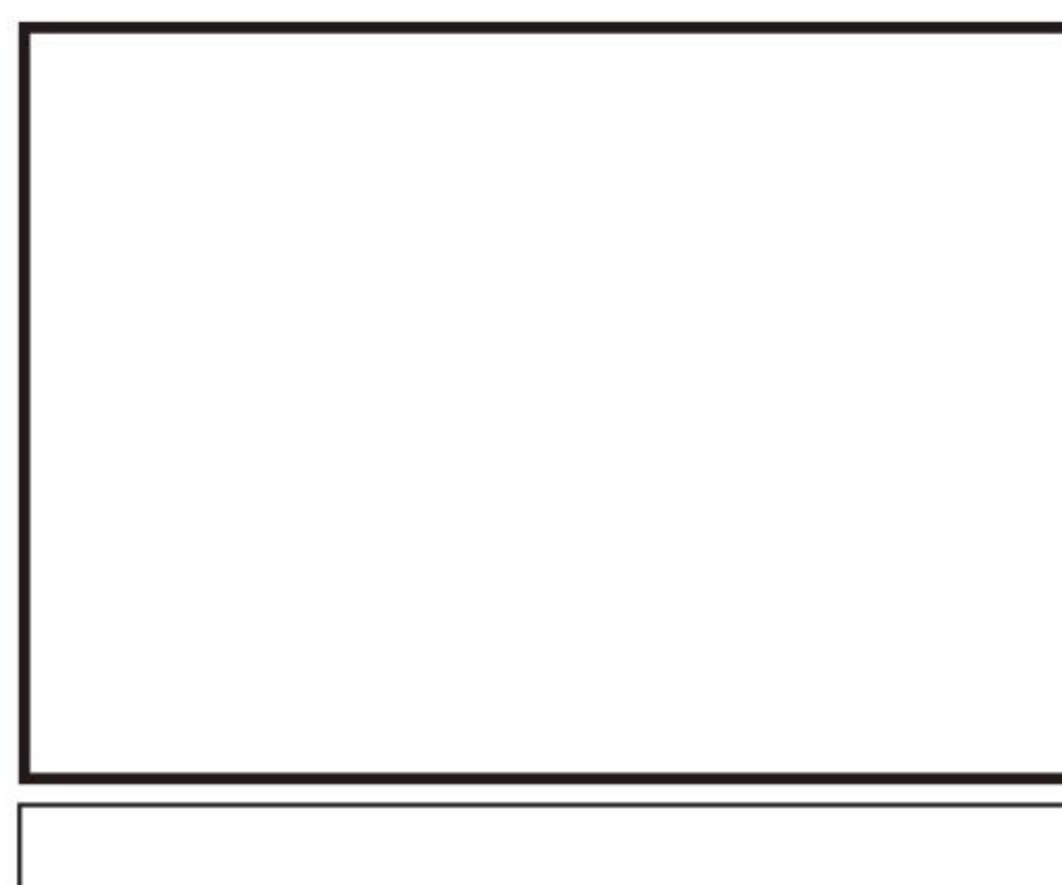
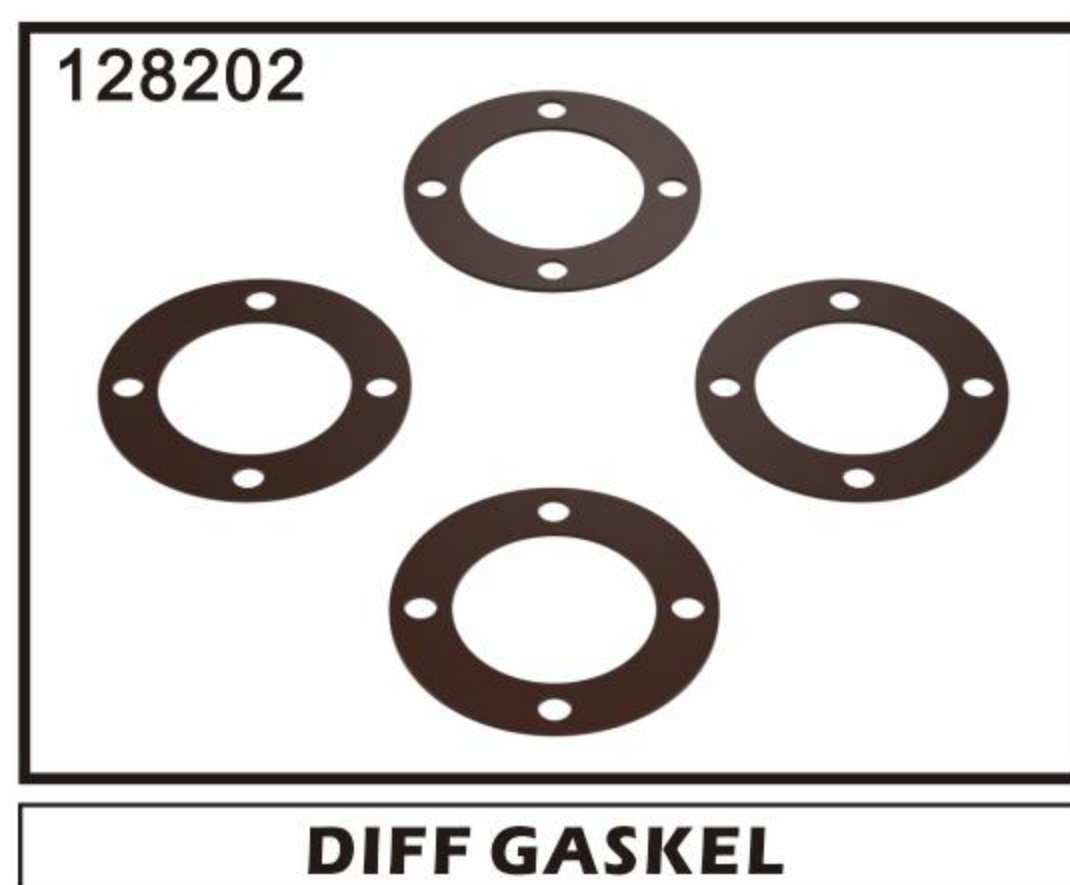
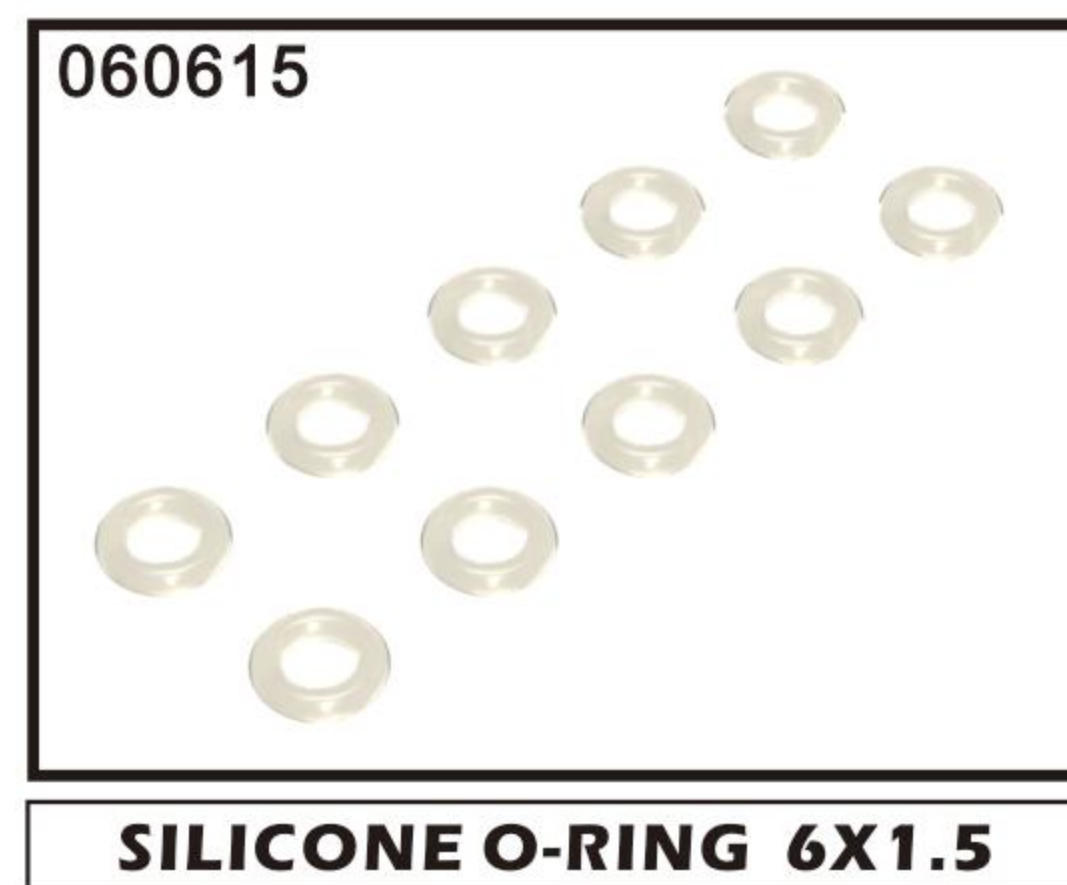
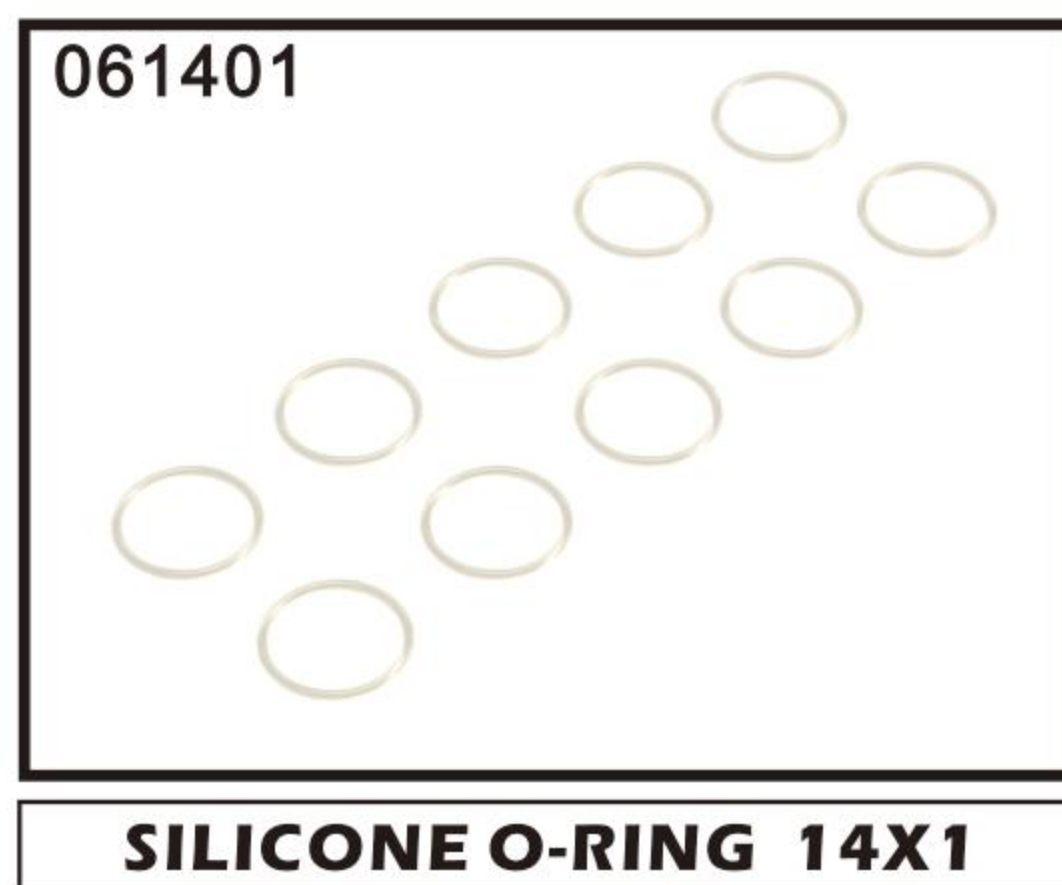
PLANETARY GEAR SET - HARD COATED

090110

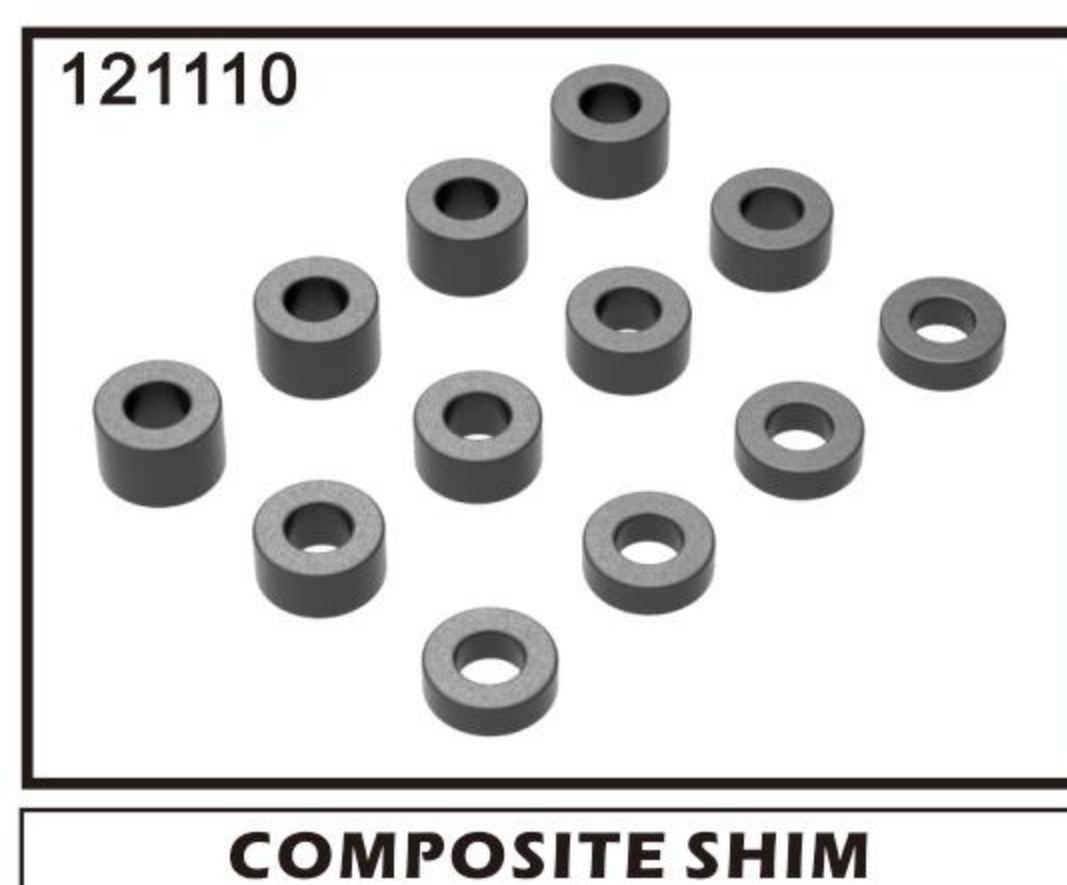
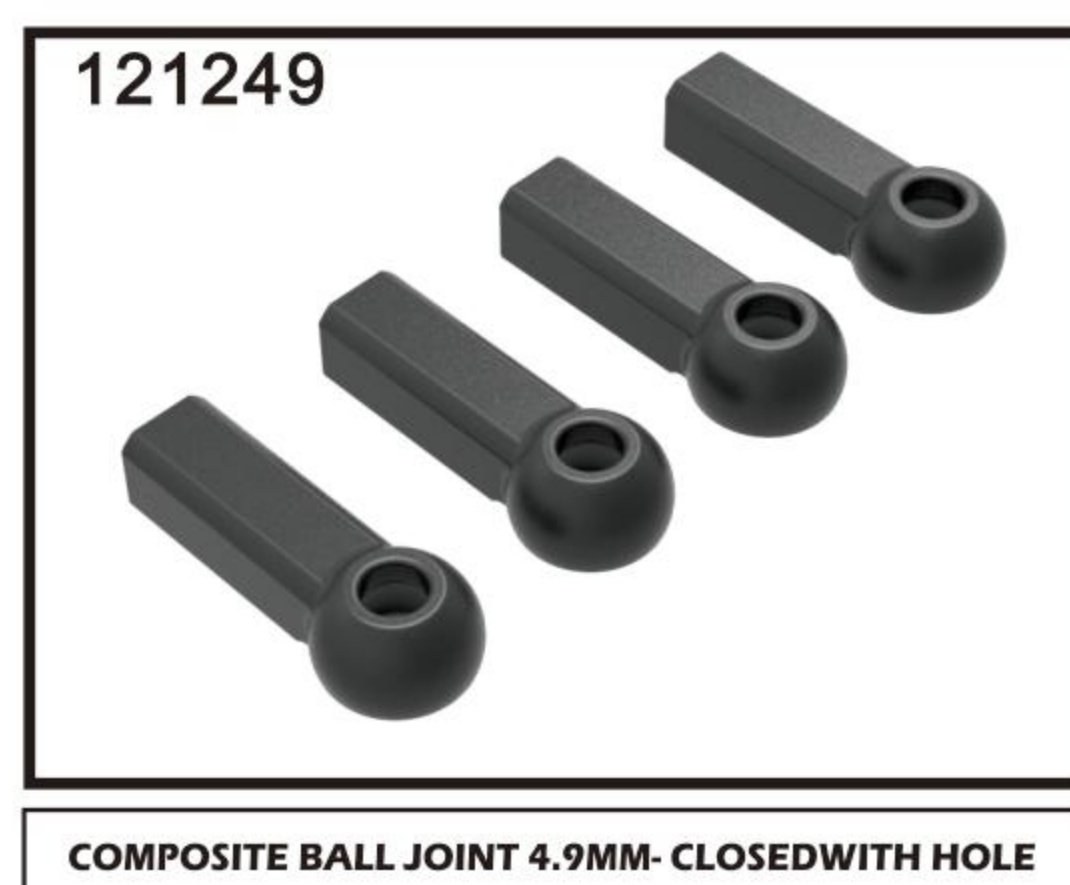
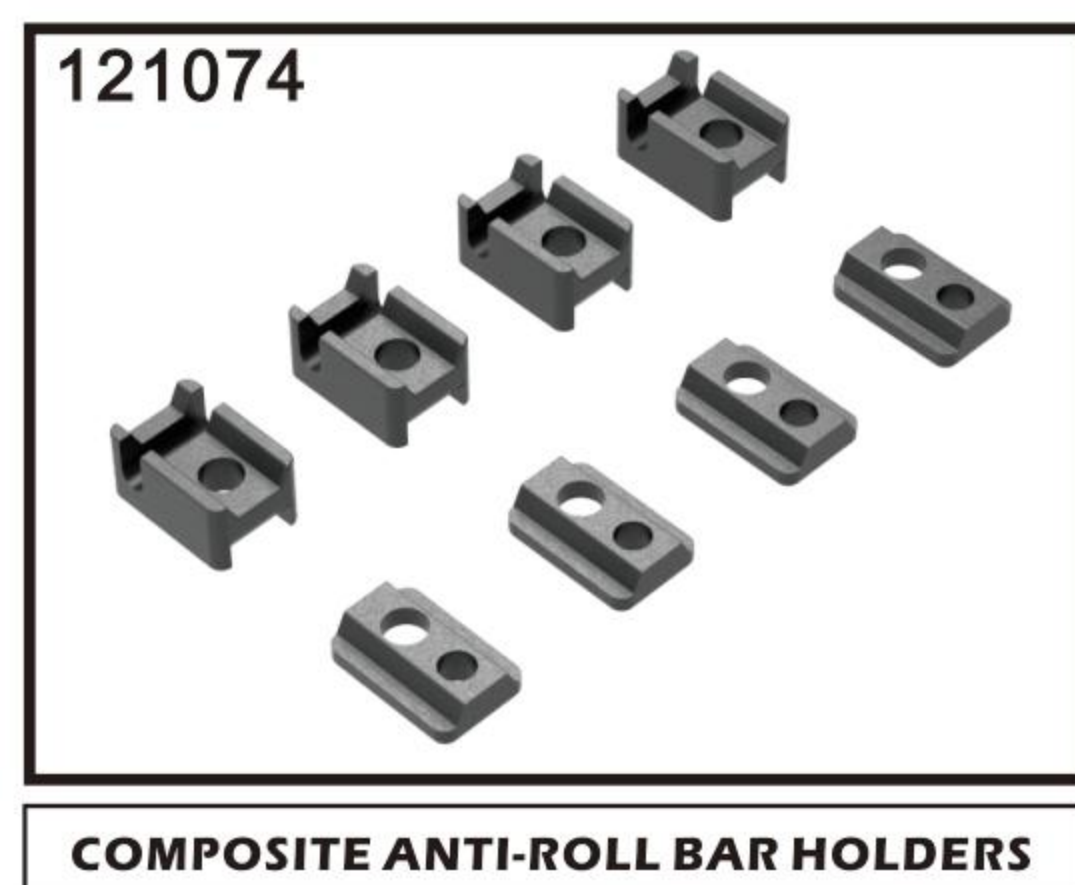
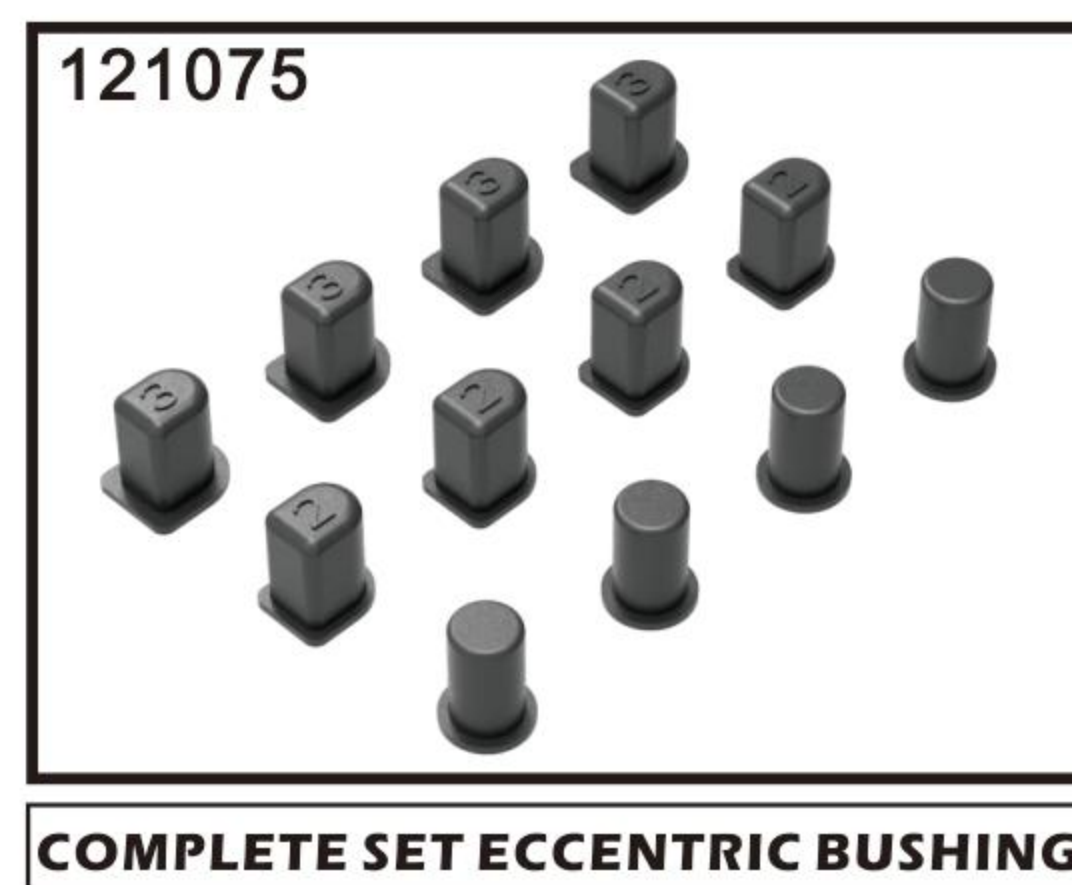
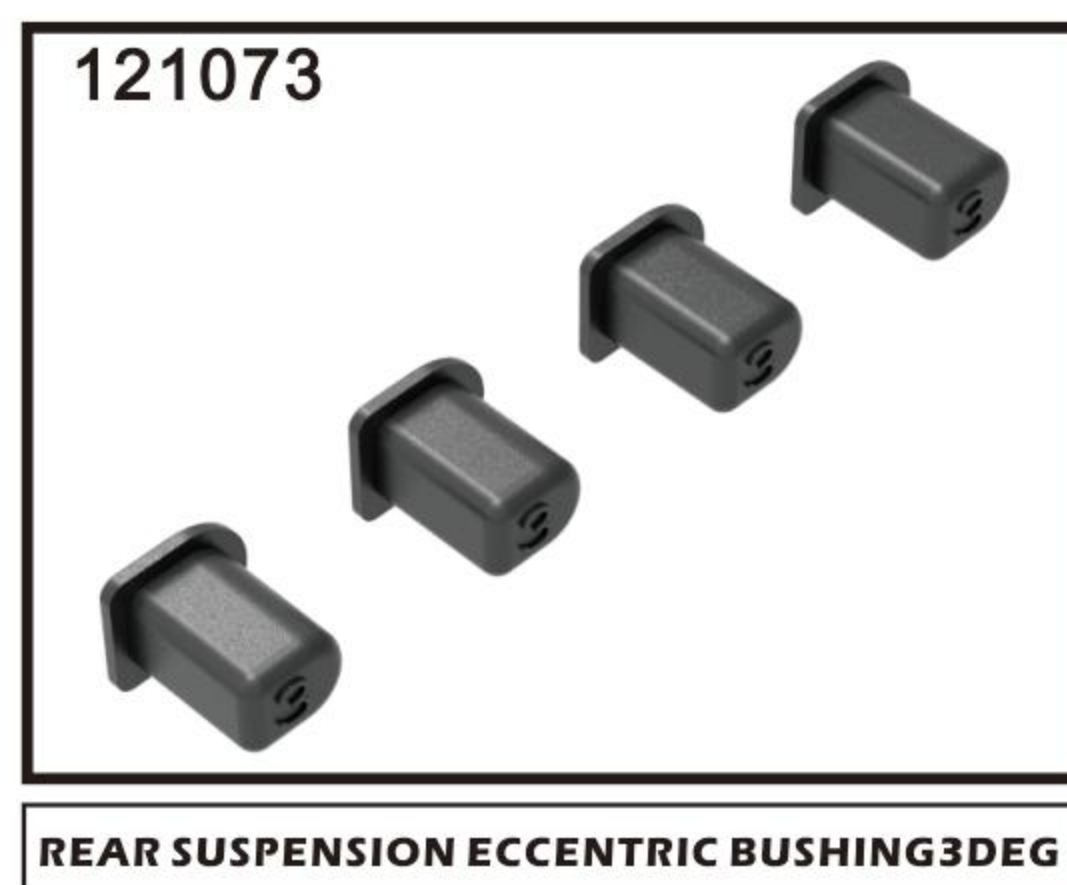
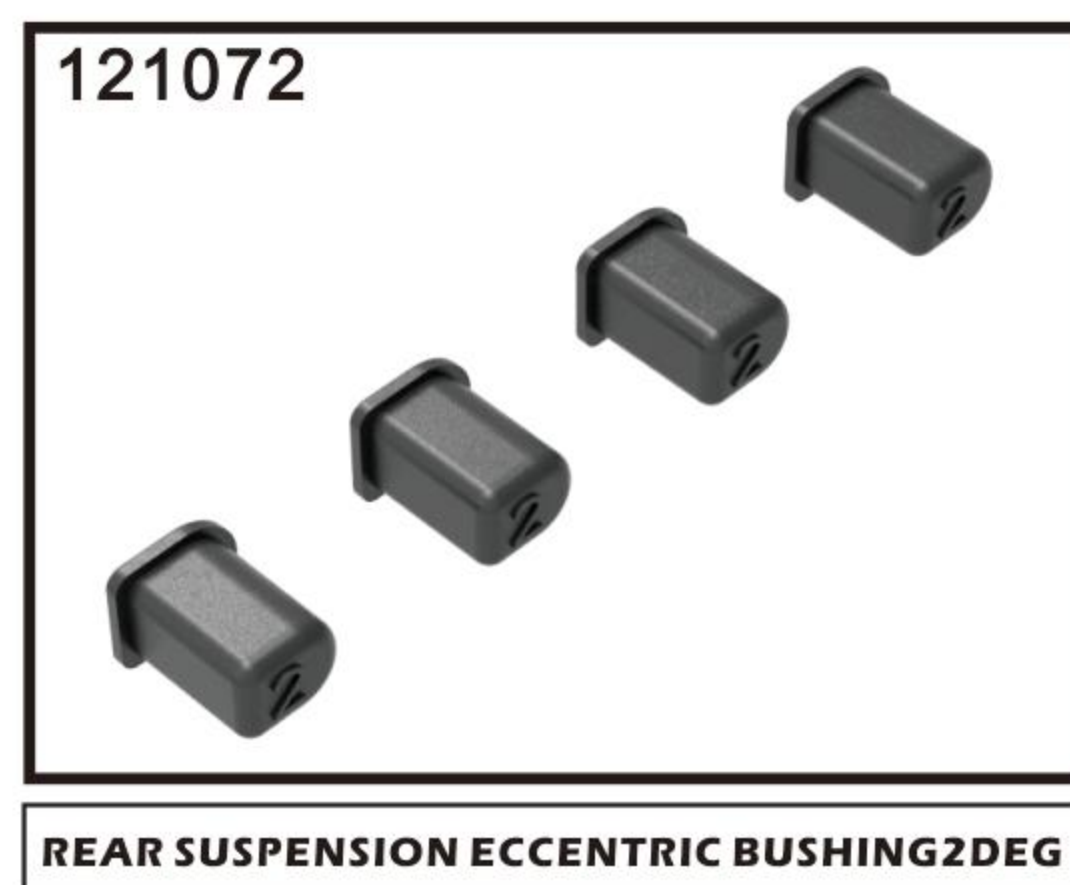
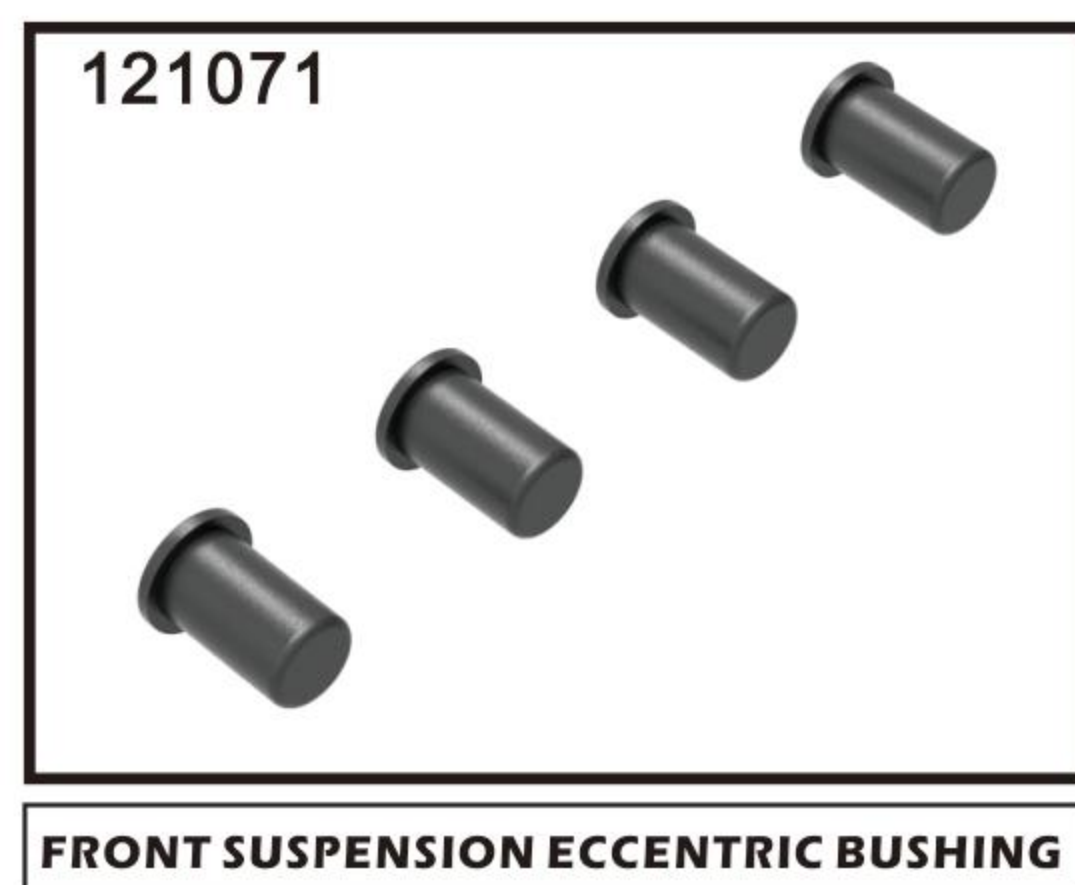
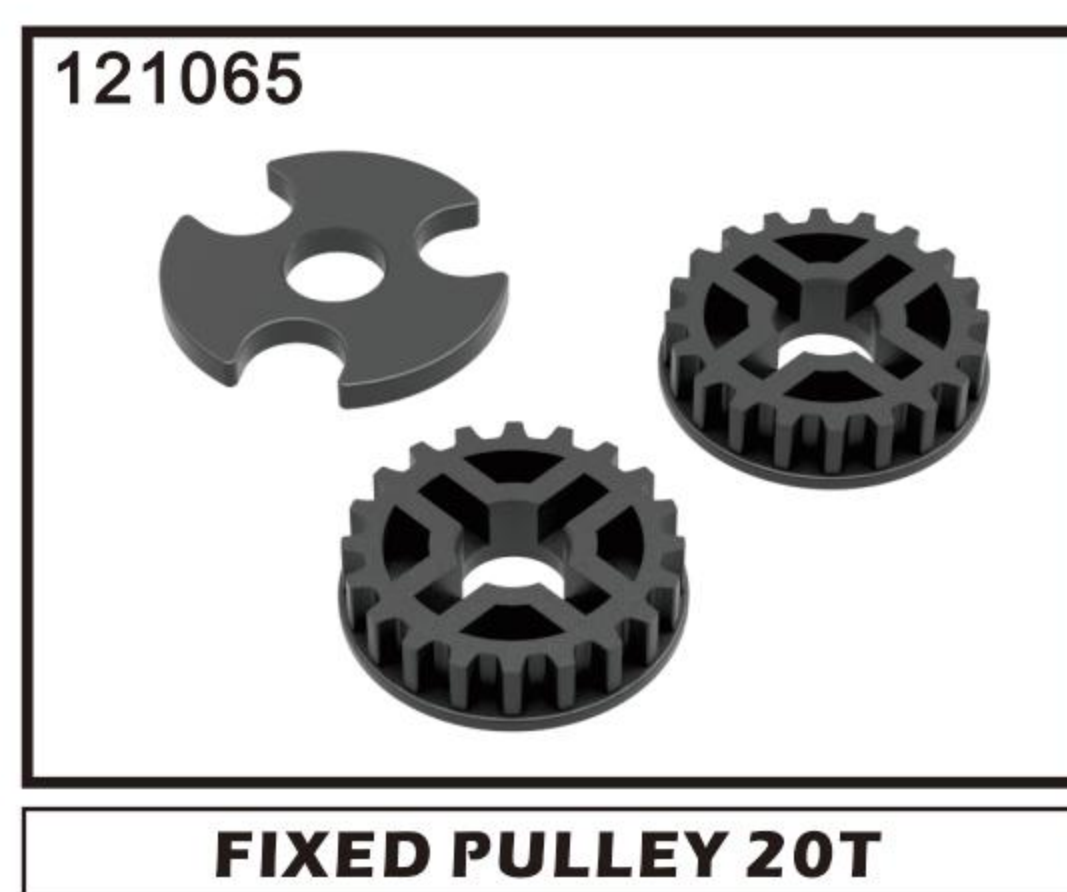
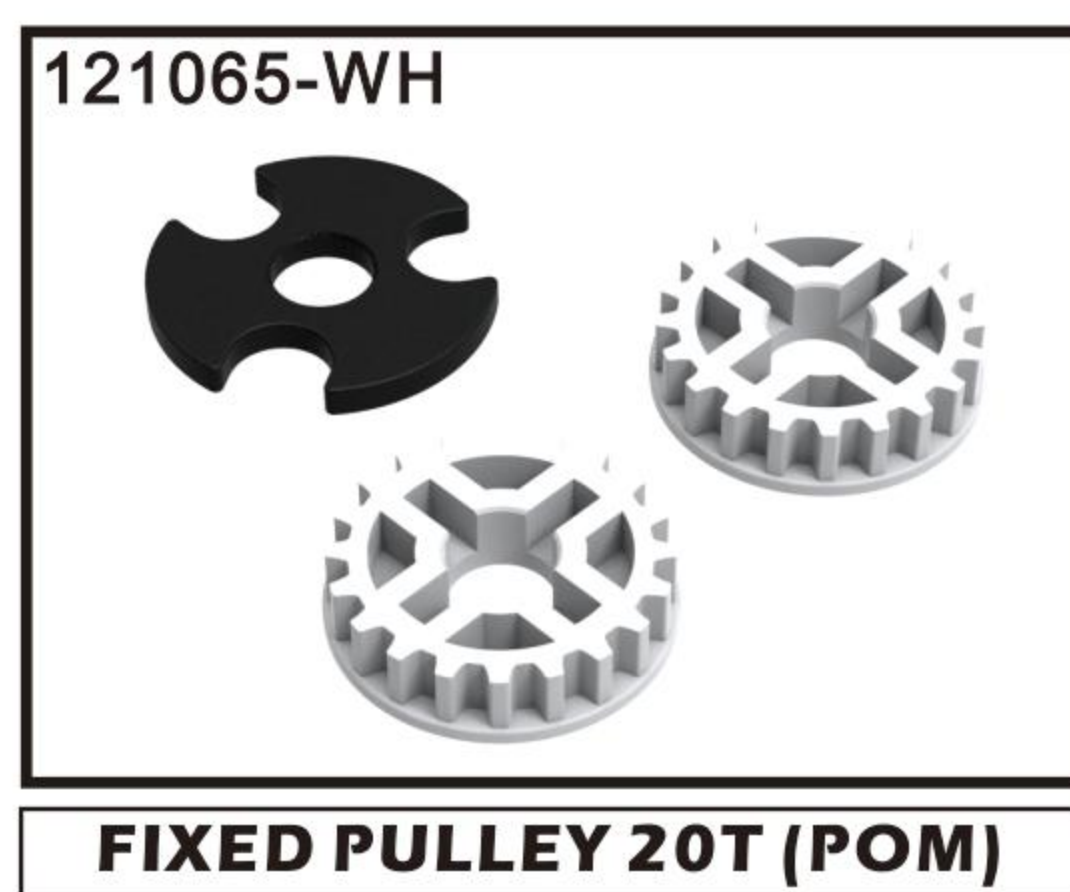
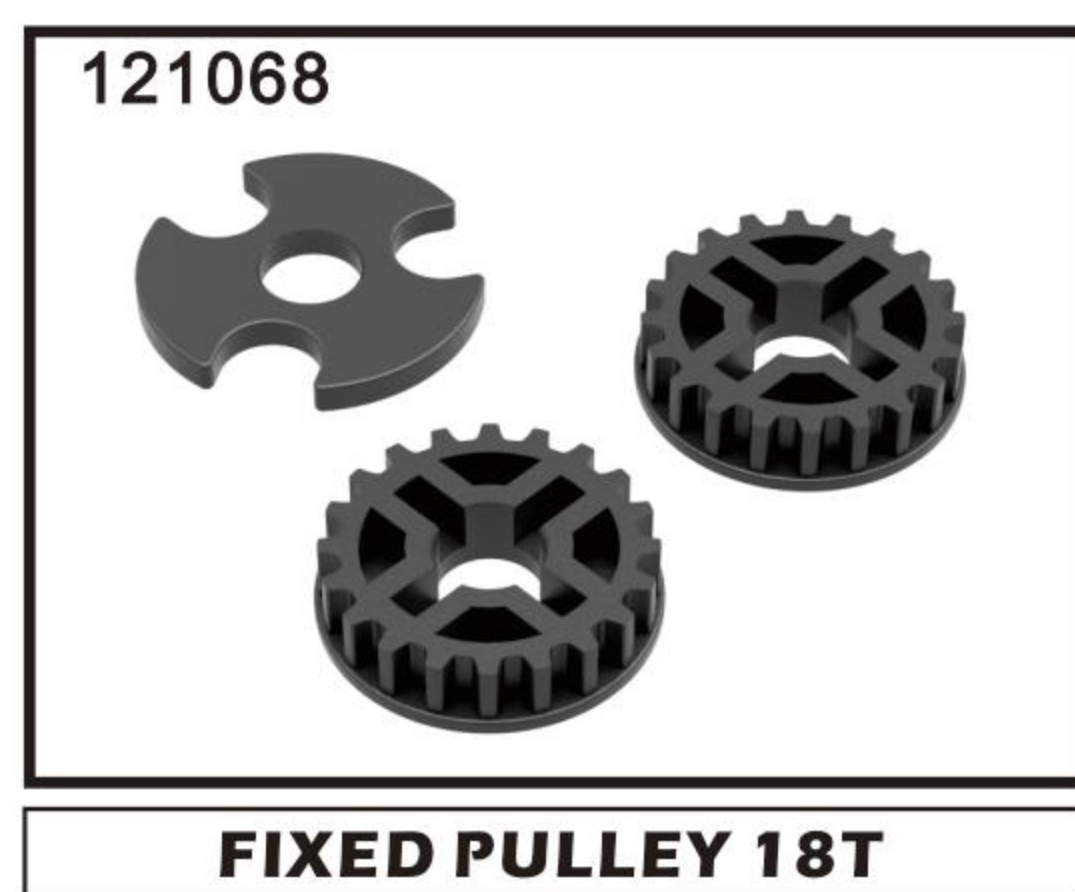


PLANETARY GEAR SET - PLASTIC

1/10 ELECTRIC TOURING CAR



1/10 ELECTRIC TOURING CAR



**TYRE****TYRE****SLICK TYRE 24 DEGREE****SLICK TYRE 26 DEGREE**

SLICK TYRE 28 DEGREE



SLICK TYRE 36 DEGREE



SLICK TYRE 40 DEGREE



PU Insert (SOFF)



PU INSERT (HARD)



WHEEL RIM



WHEELS RIM



SLICK TYRE SET



SLICK TYRE SET



PINON GEAR ALU HARD COATED(48P)



PINON GEAR ALU HARD COATED(64P)



GEAR DIFFERENTIAL - SET



METAL GEAR

OPTIONAL GEAR DIFFERENTIAL - SET



HEX SET SCREW M3X2.5



HEX SET SCREW M3X4



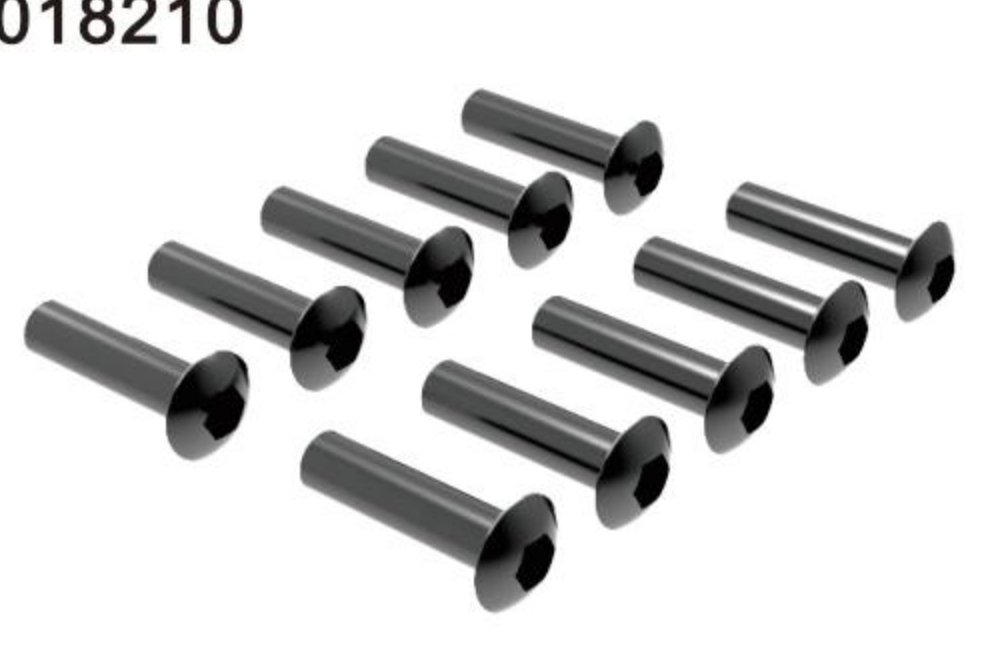
HEX SET SCREW M3X10



HEX SET SCREW M3X14

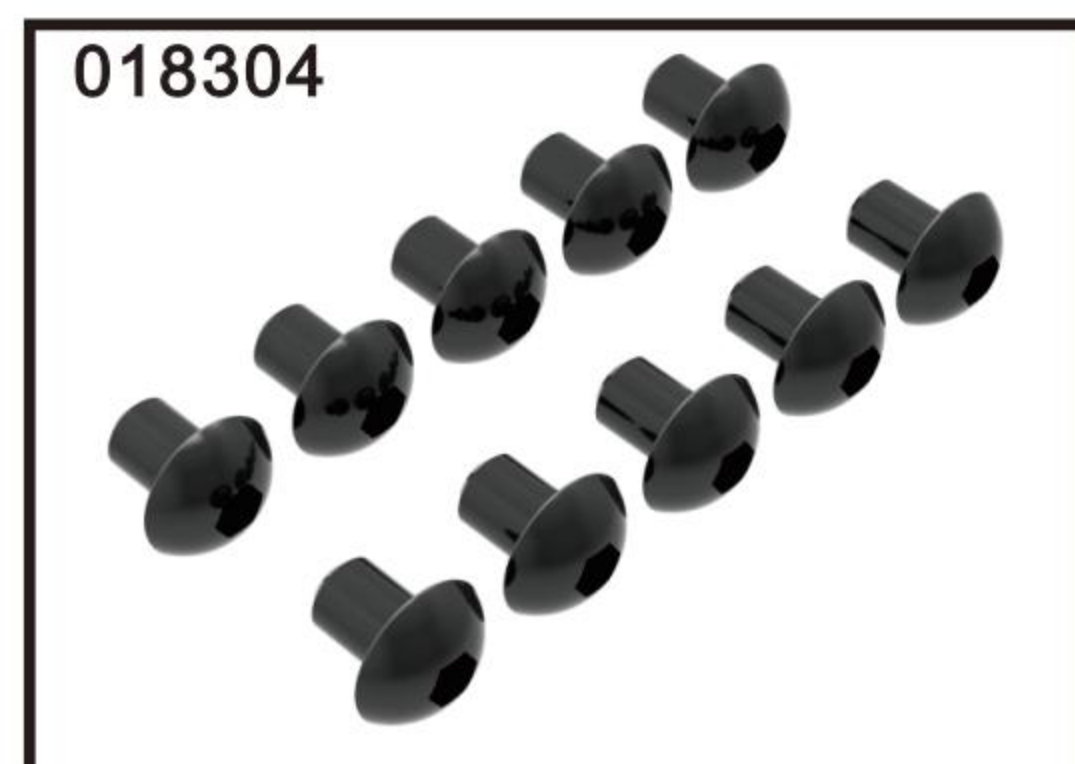


HEX SET SCREW M4X8



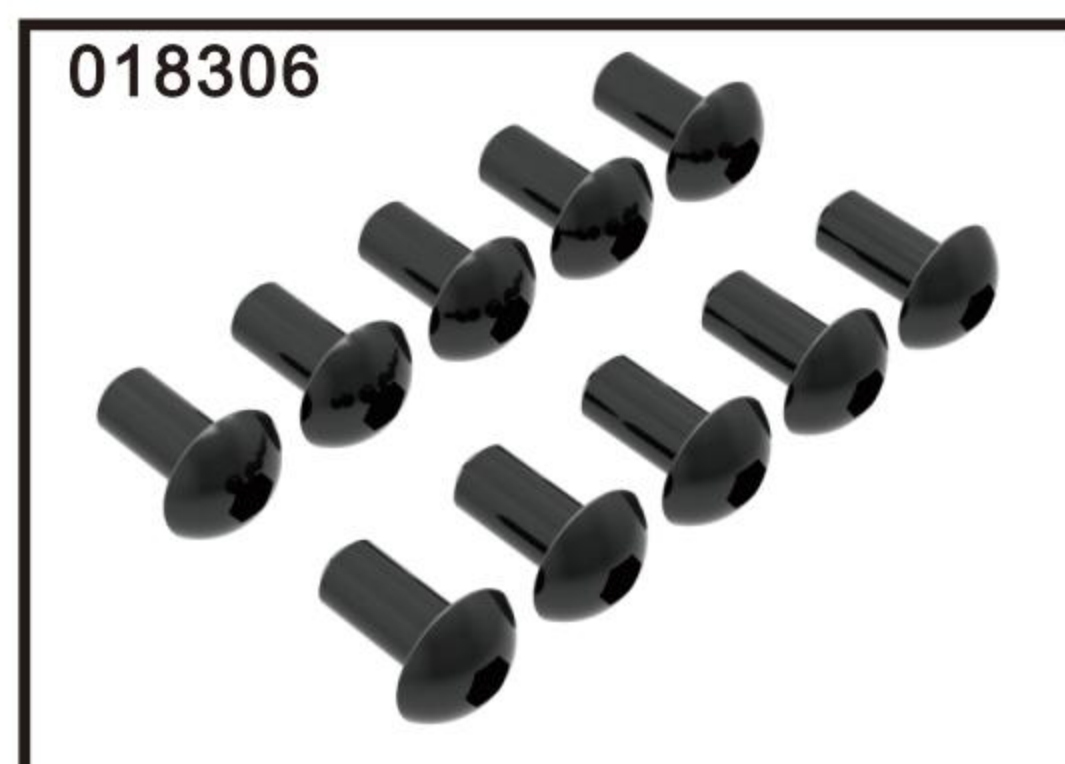
HEX SCREW ROUND HEAD M2X10

1/10 ELECTRIC TOURING CAR



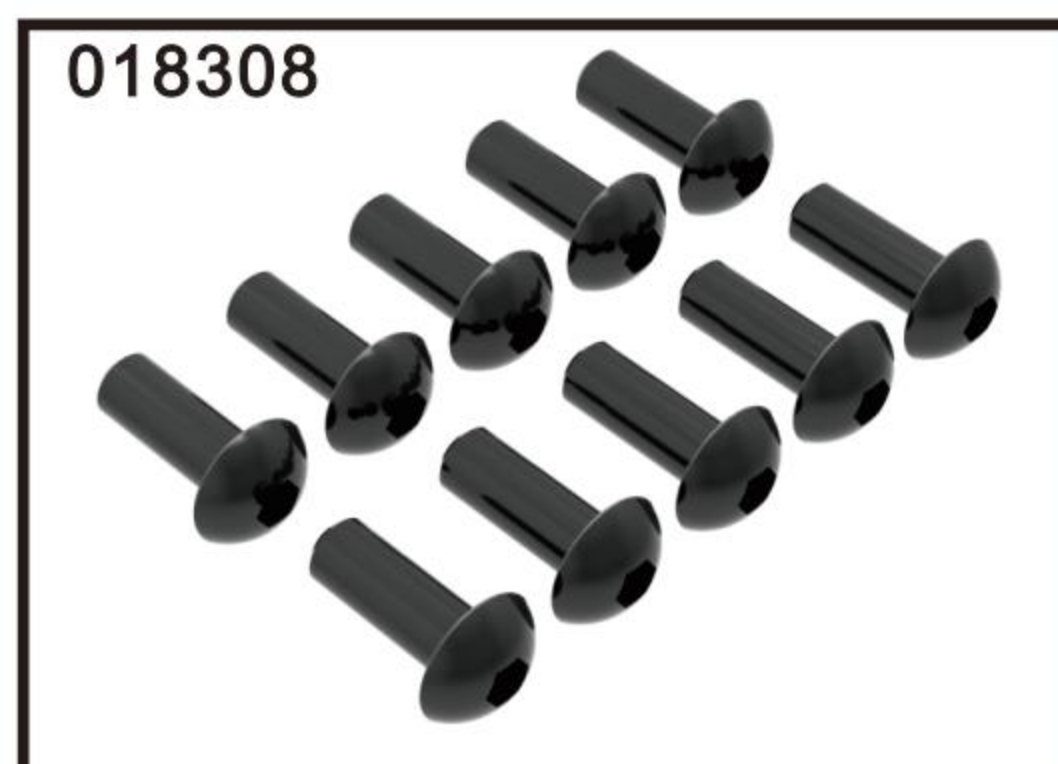
018304

HEX SCREW ROUND HEAD M3X4



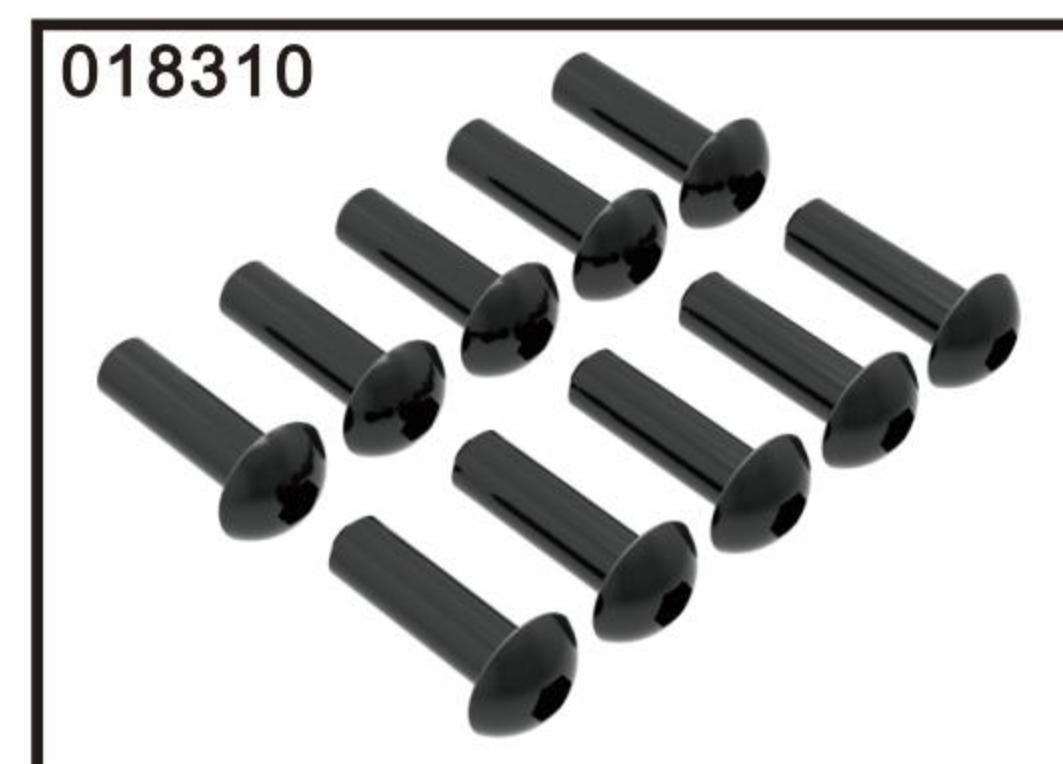
018306

HEX SCREW ROUND HEAD M3X6



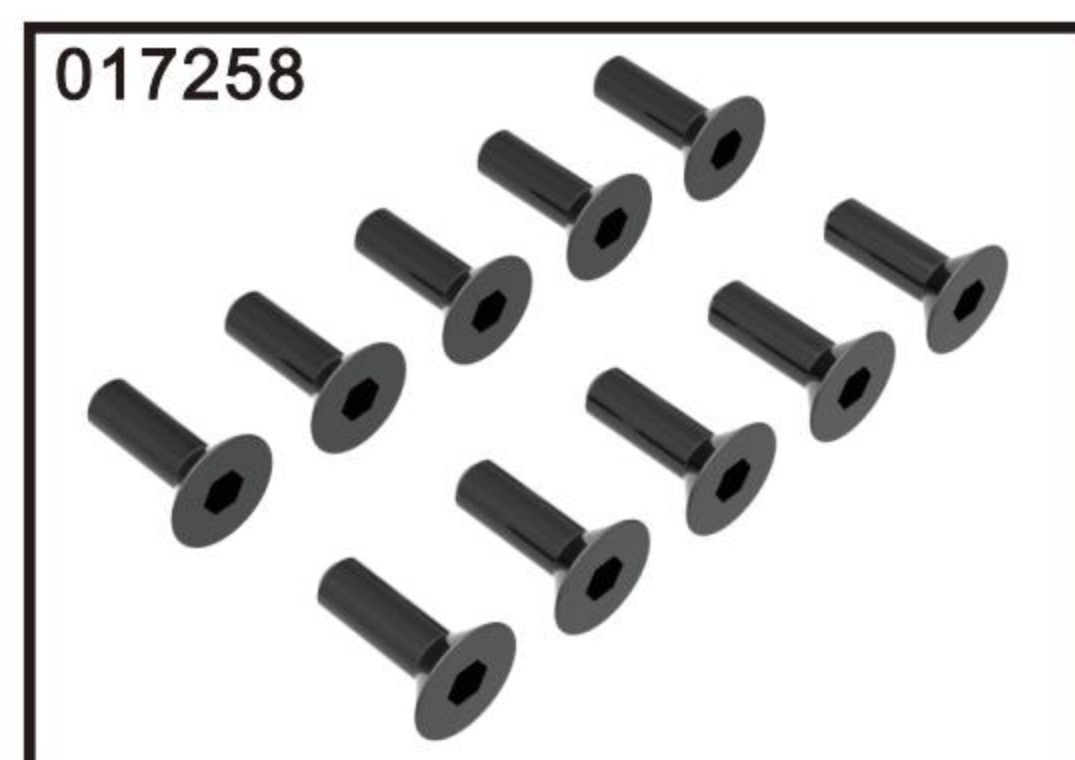
018308

HEX SCREW ROUND HEAD M3X8



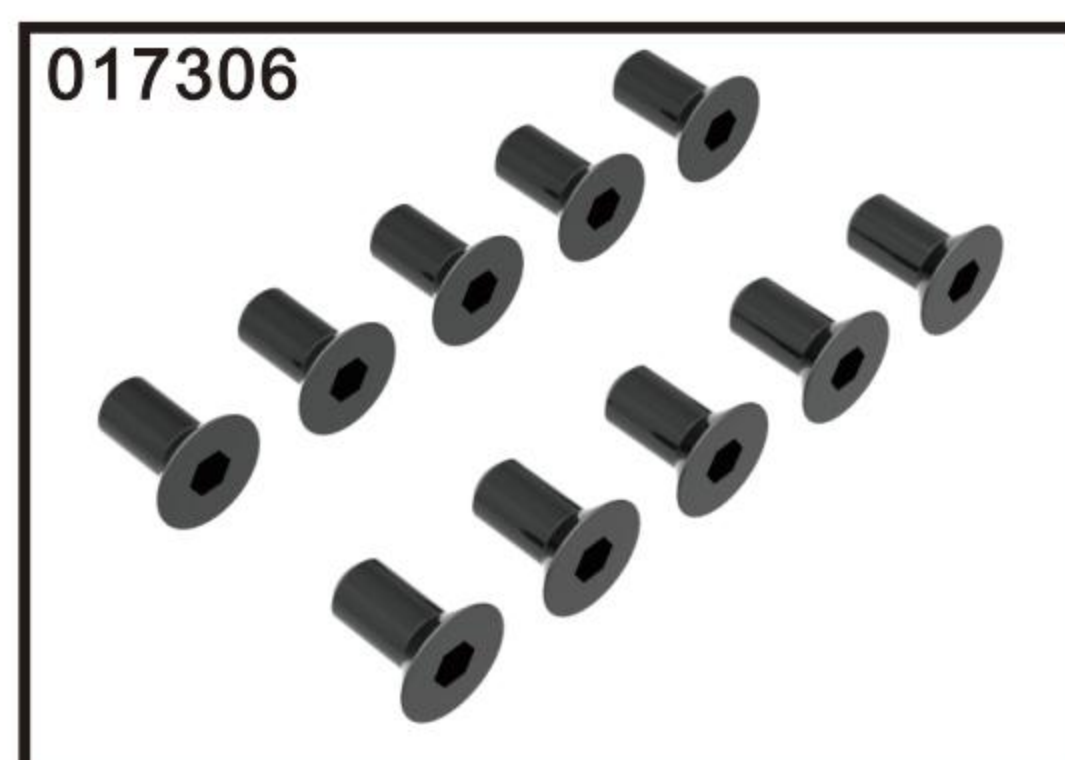
018310

HEX SCREW ROUND HEAD M3X10



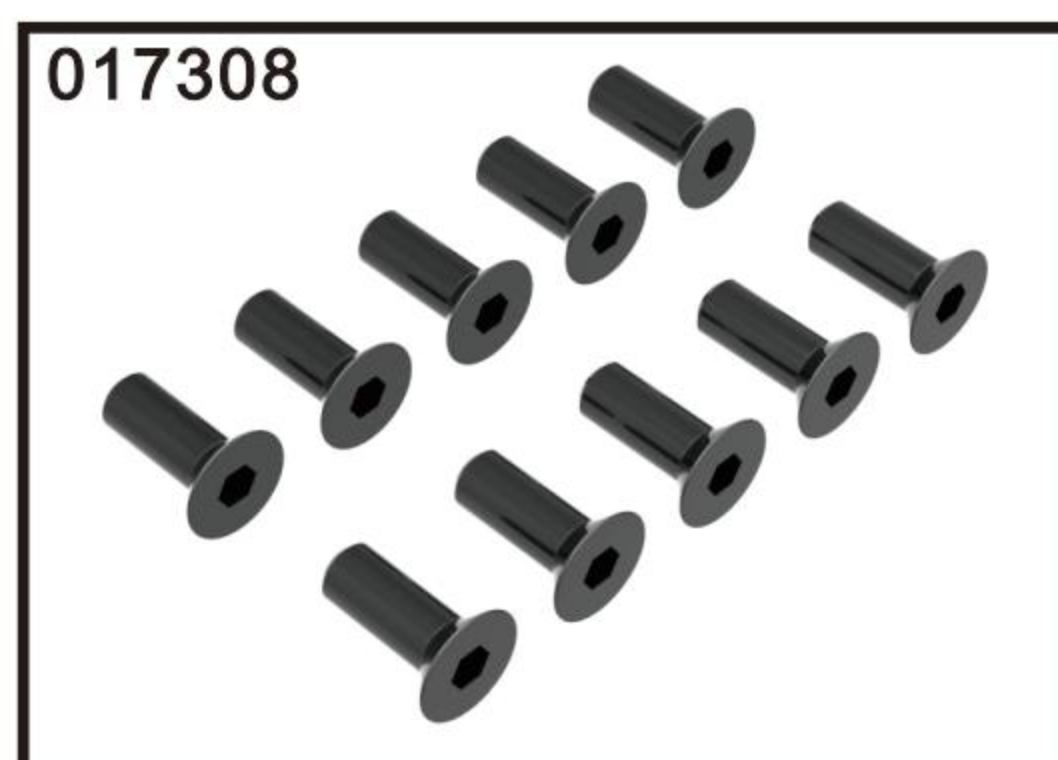
017258

HEX SCREW FLAT HEAD M2.5X8



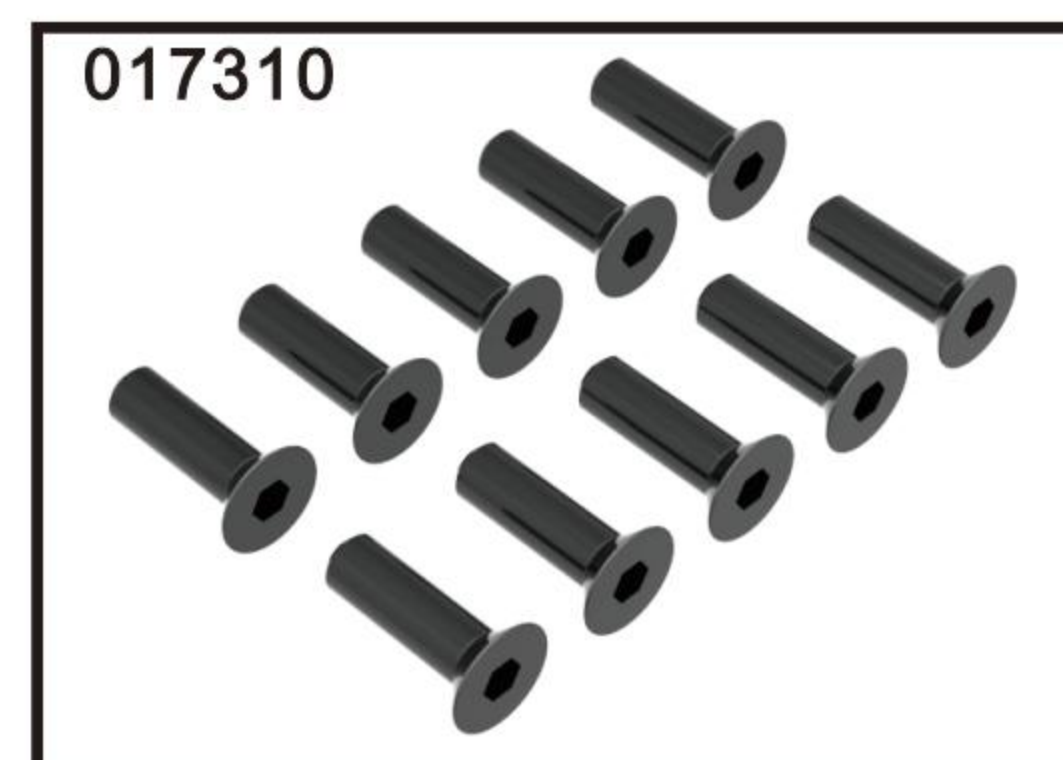
017306

HEX SCREW FLAT HEAD M3X6



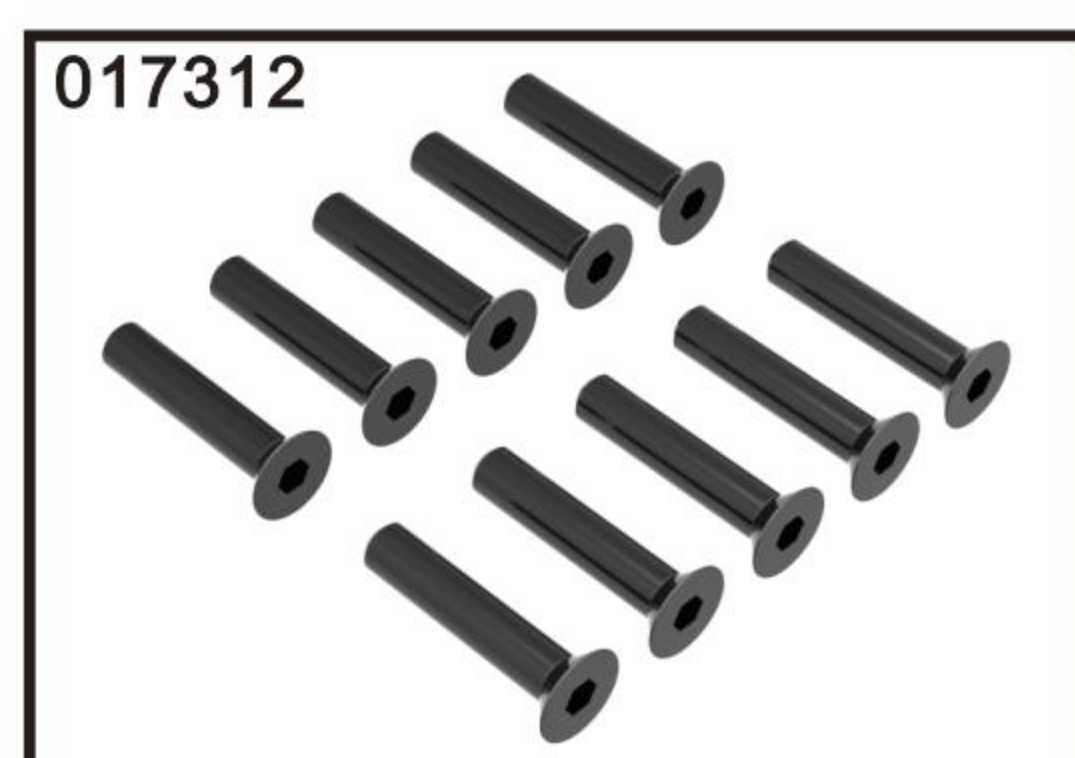
017308

HEX SCREW FLAT HEAD M3X8



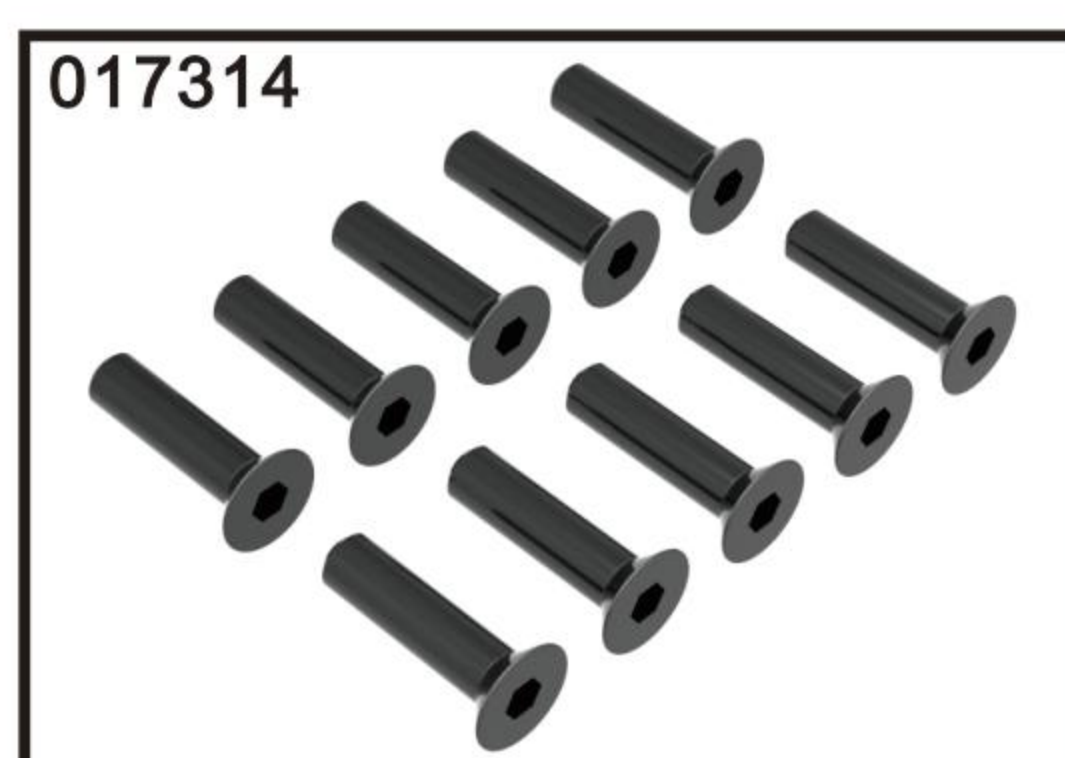
017310

HEX SCREW FLAT HEAD M3X10



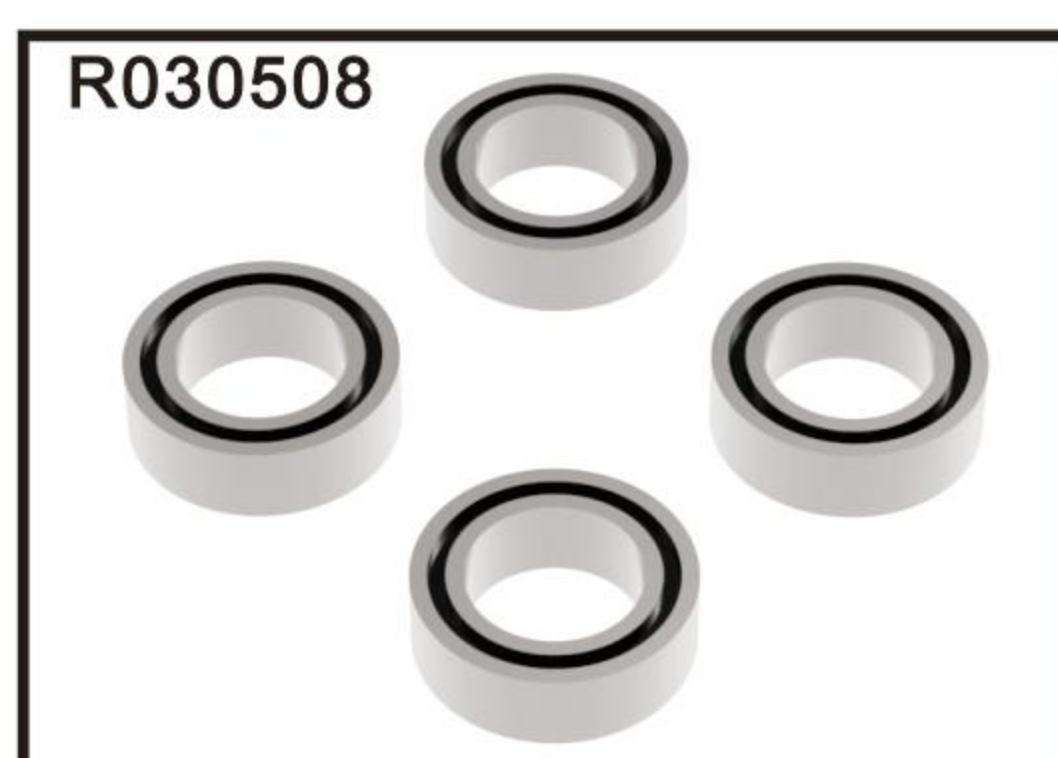
017312

HEX SCREW FLAT HEAD M3X12



017314

HEX SCREW FLAT HEAD M3X14



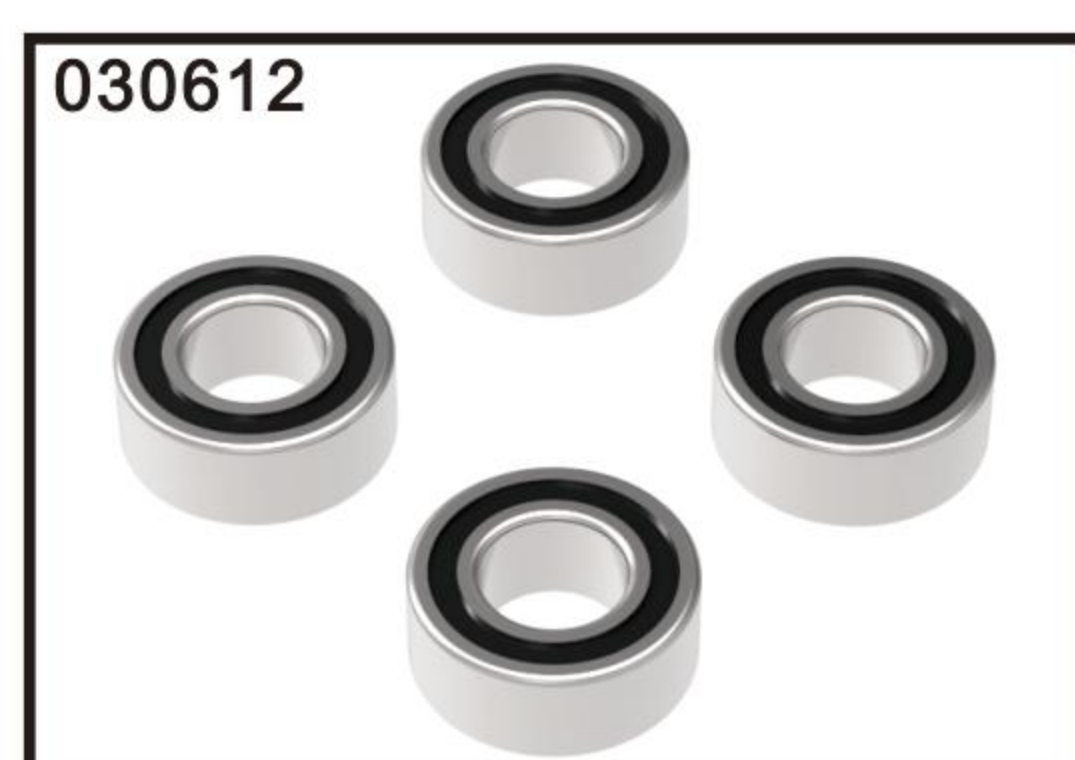
R030508

BALL-BEARING 5X8X2.5



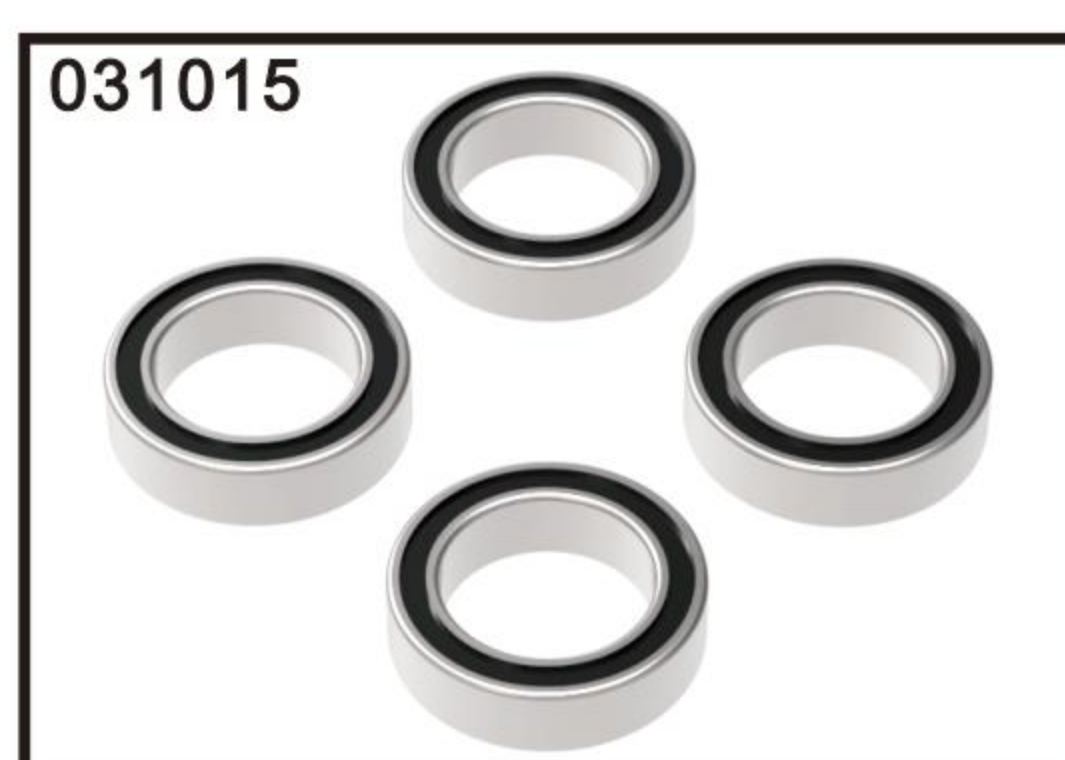
030510

BALL-BEARING 5X10X4



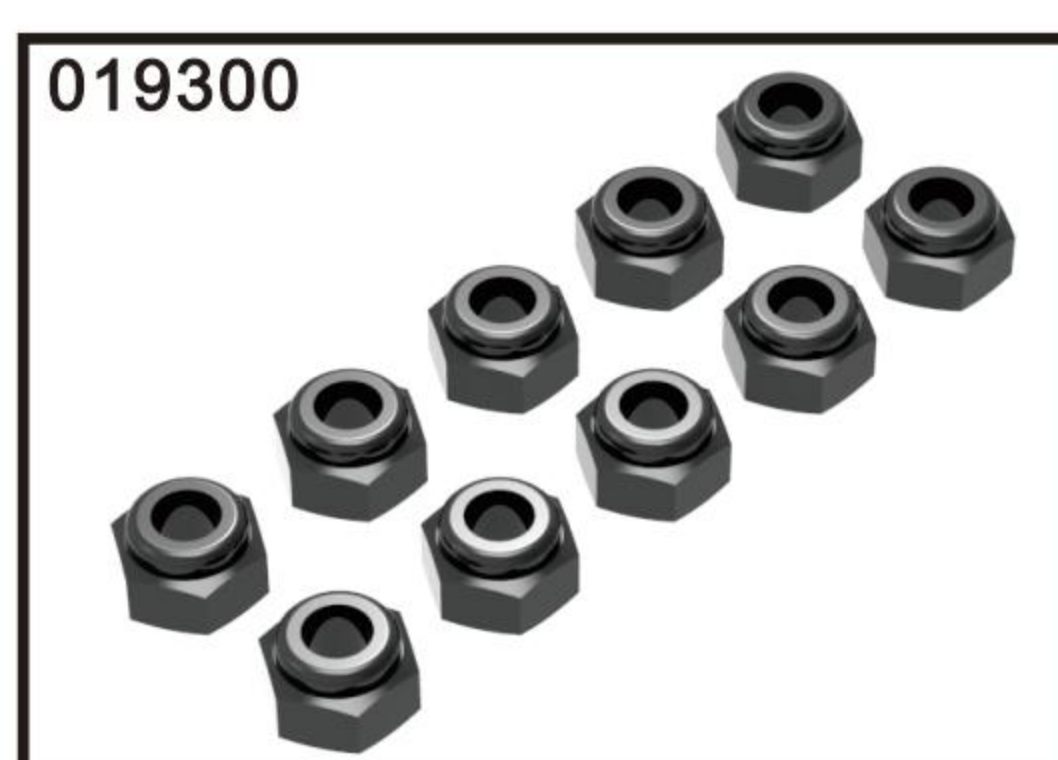
030612

BALL-BEARING 6X12X4



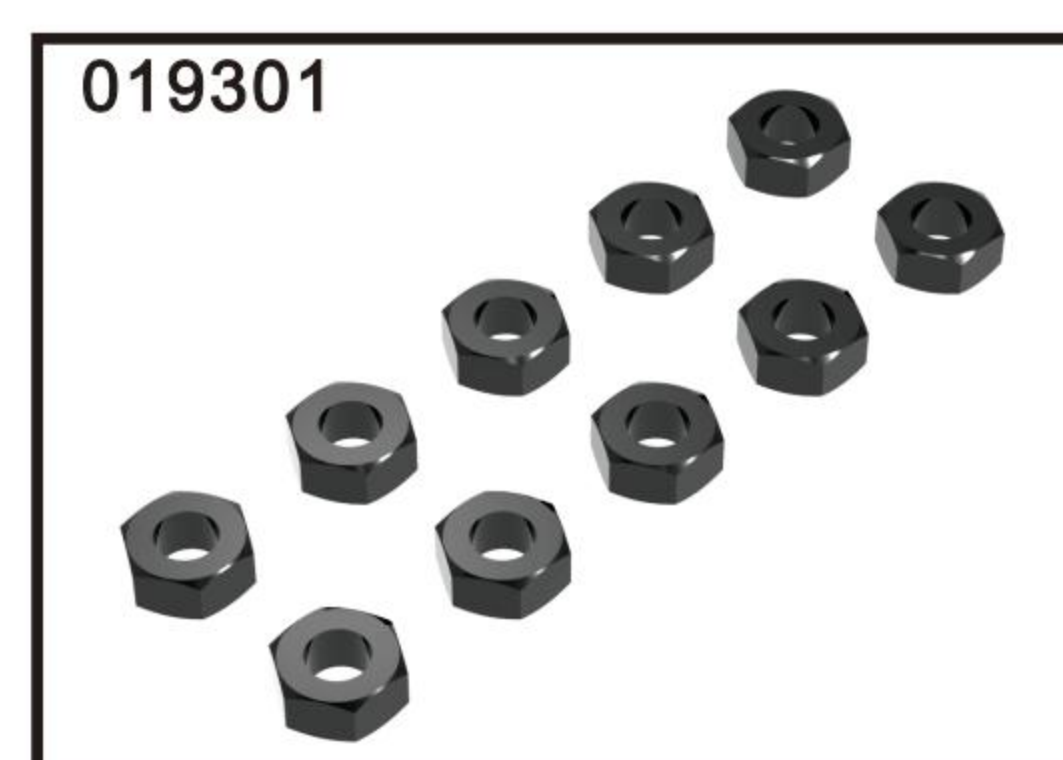
031015

BALL-BEARING 10X15X4



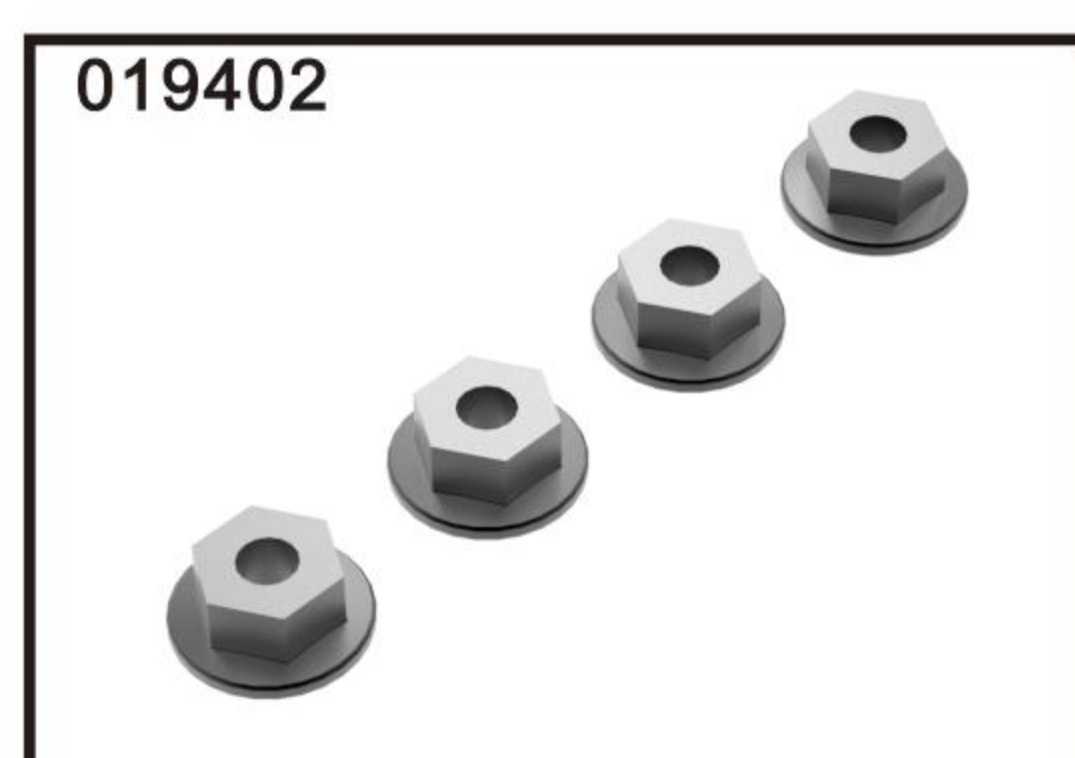
019300

NUT M3



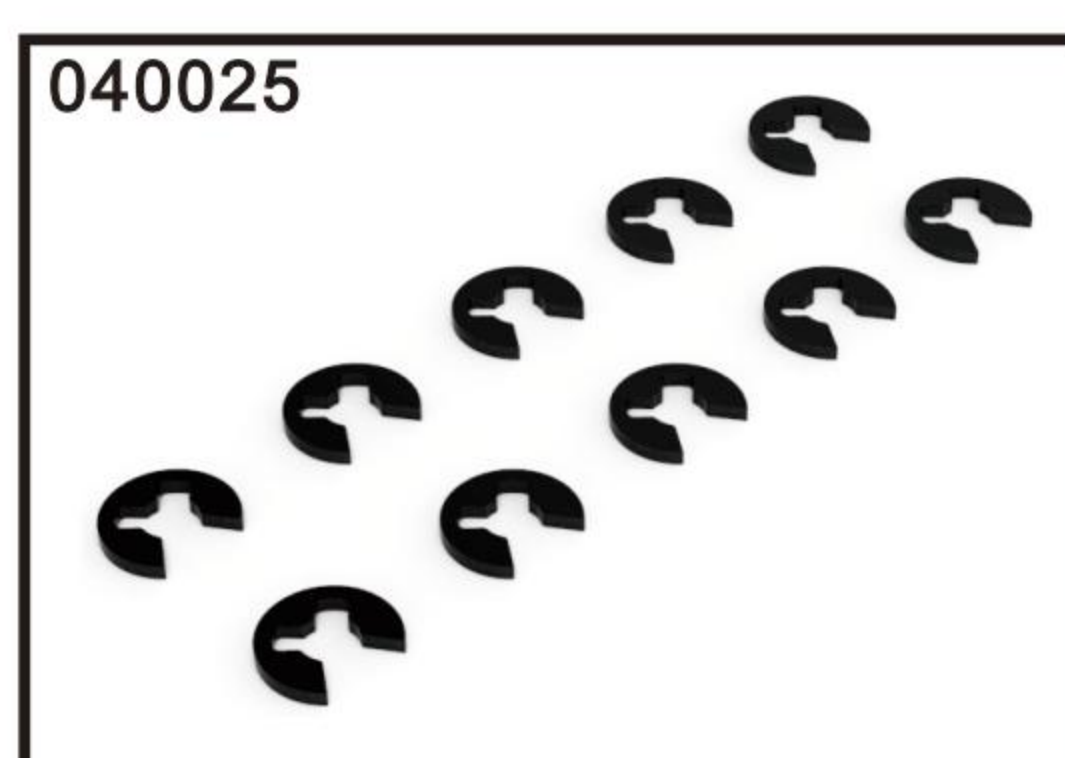
019301

NUT M3



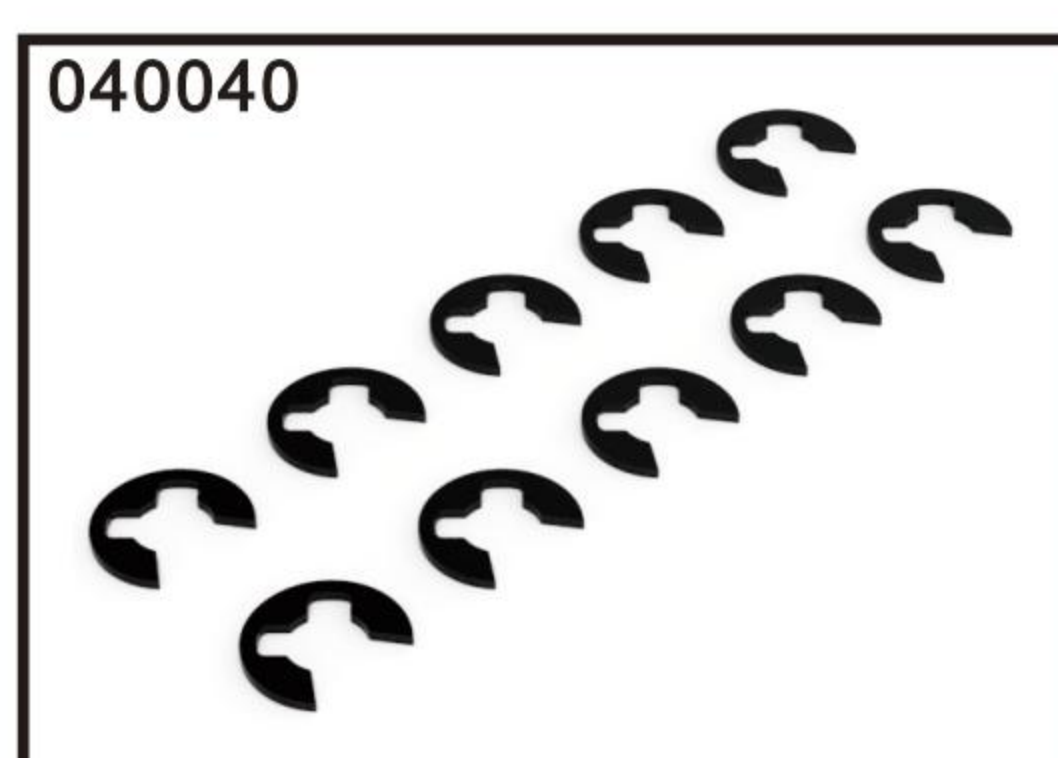
019402

ALU WHEEL LOCK NUT M4



040025

E-CLIP 2.5



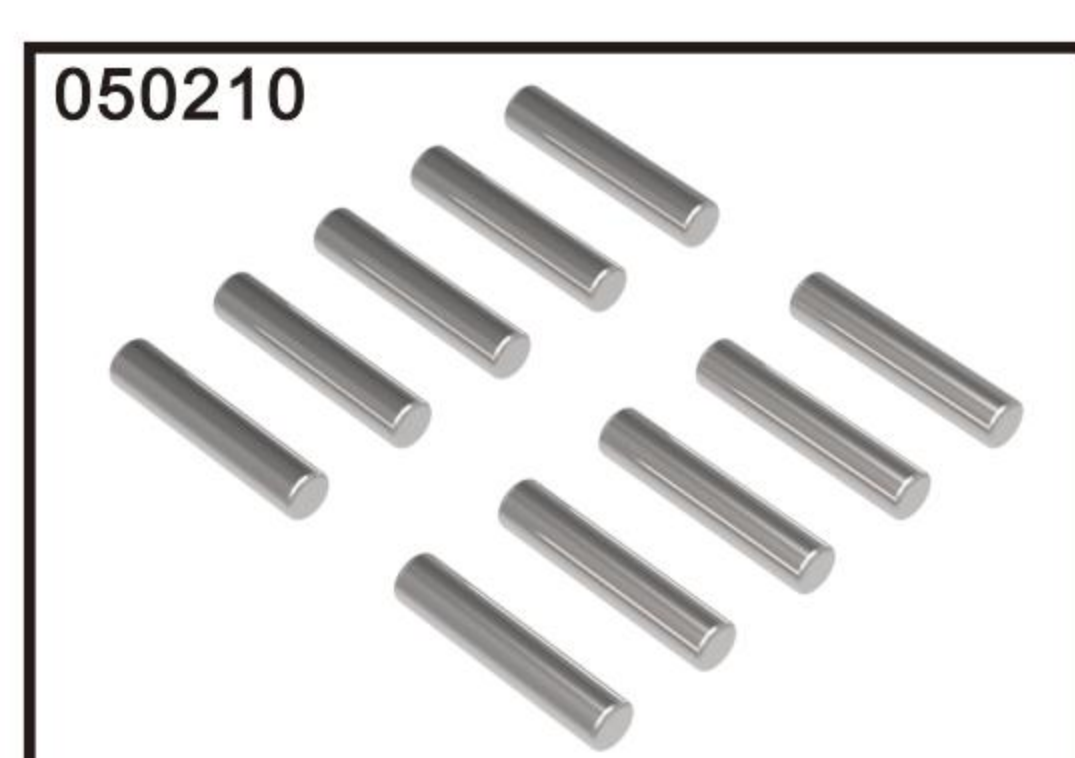
040040

E-CLIP 4



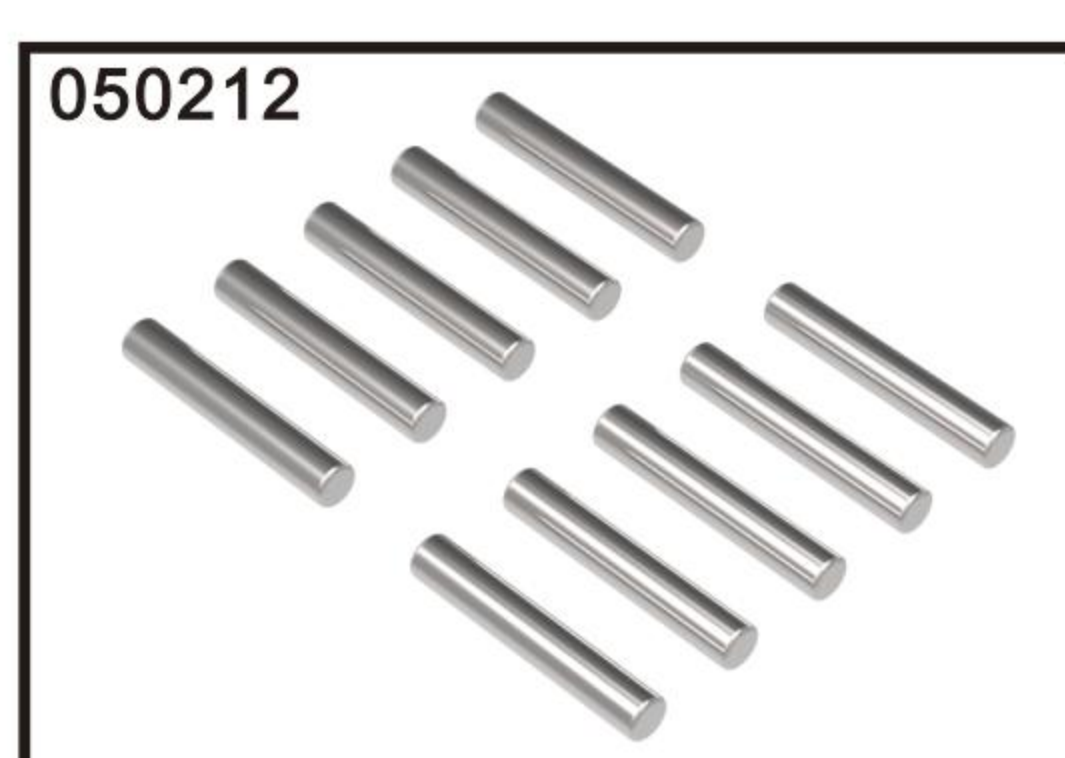
050209

PIN 2X9



050210

PIN 2X9.8



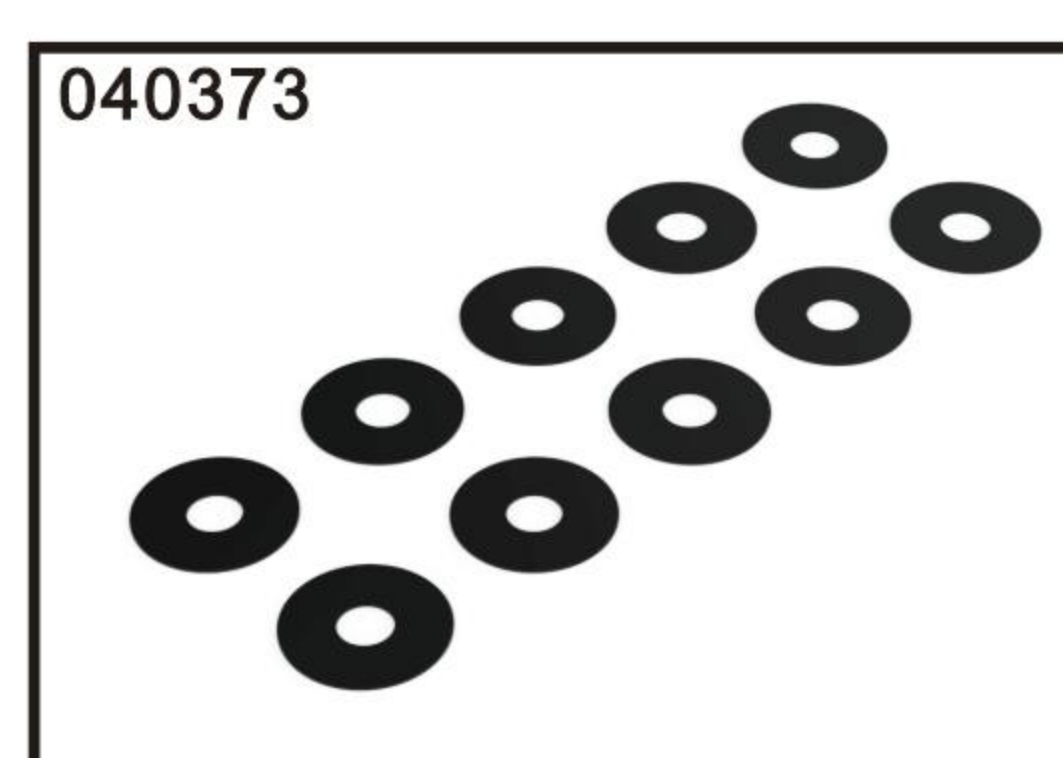
050212

PIN 2X12



050312

PIN 3X12



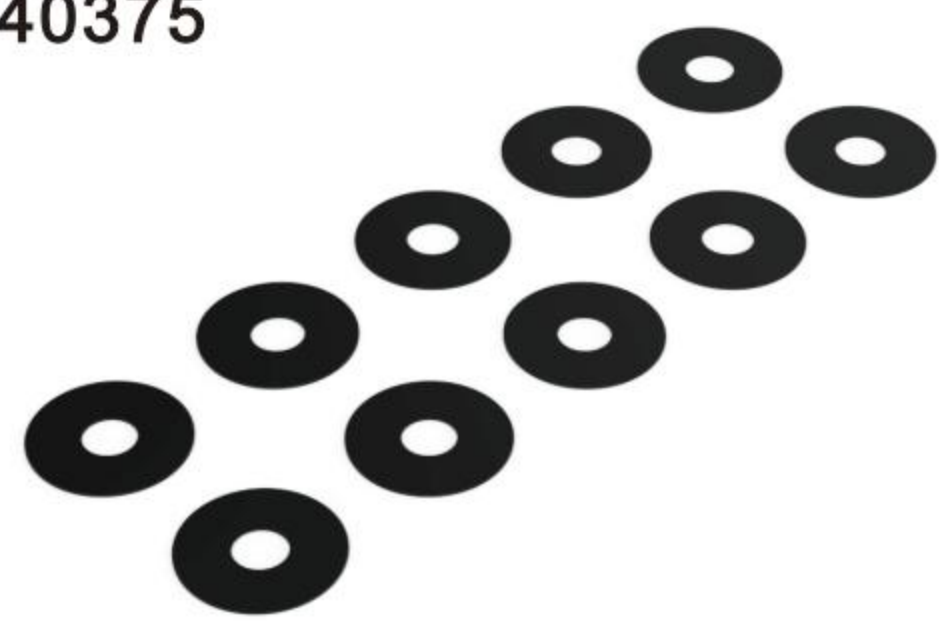
040373

WASHER S 3X7X0.3

1/10 ELECTRIC TOURING CAR

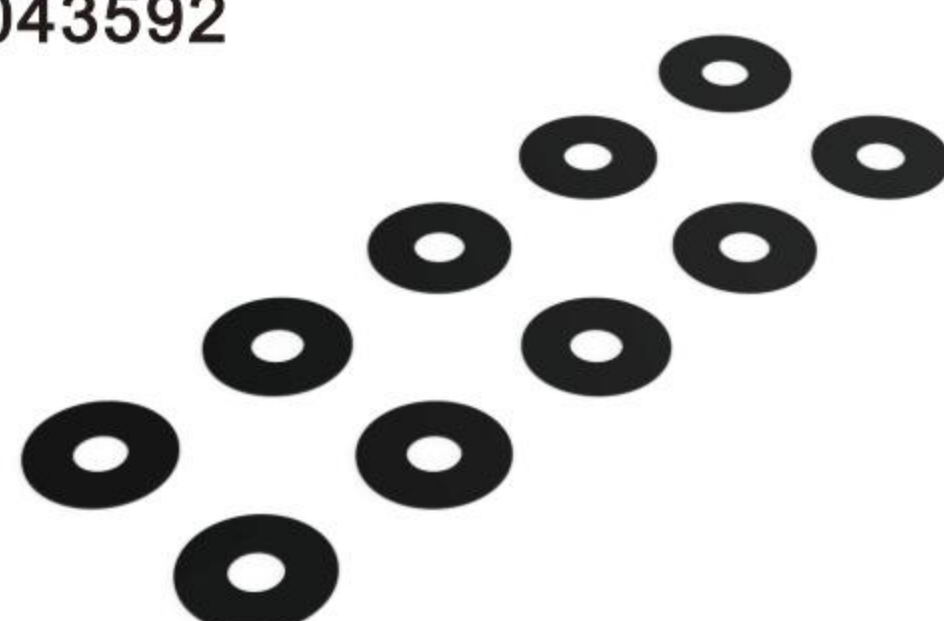


040375



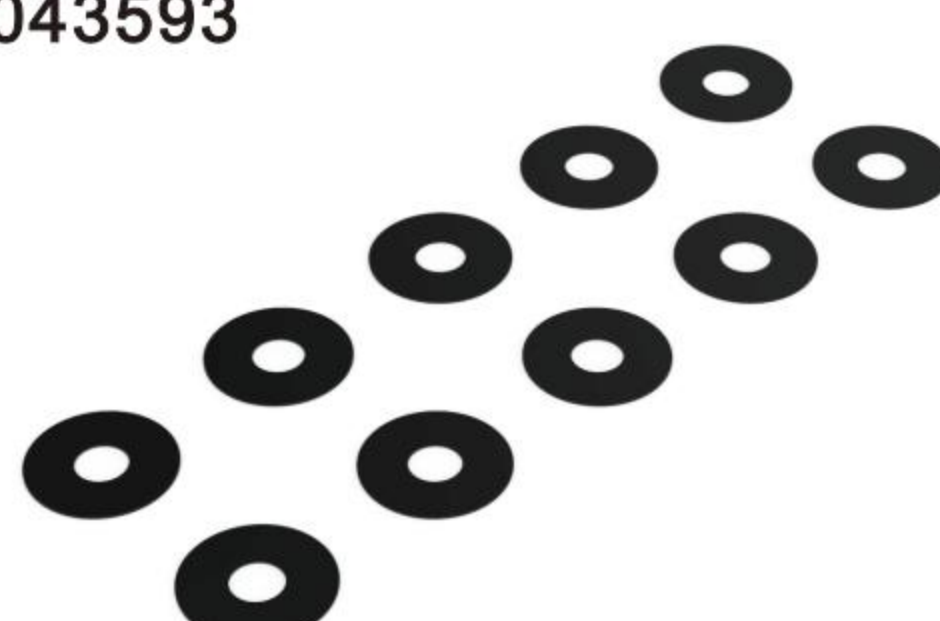
WASHER S 3X7X0.5

043592



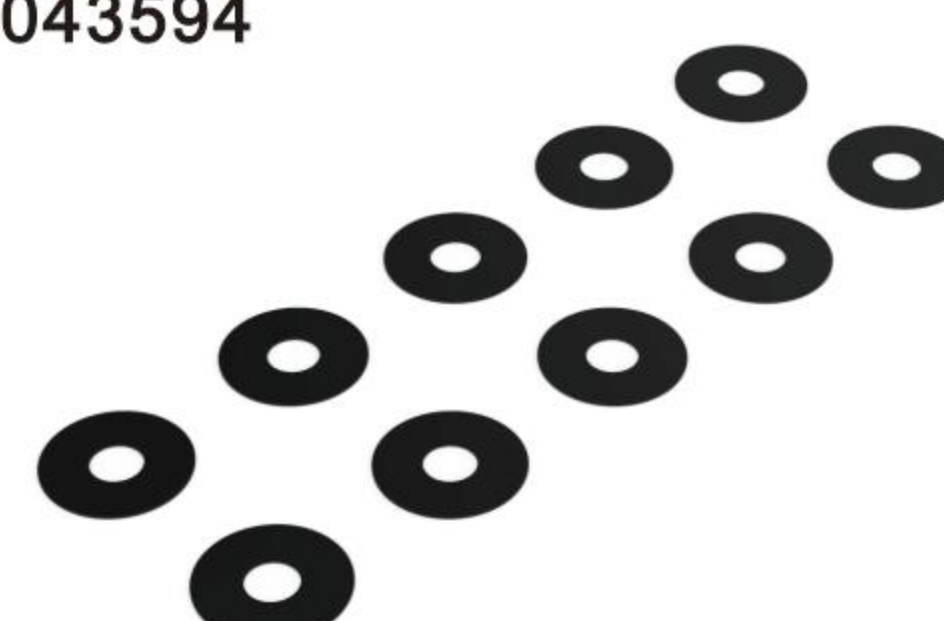
WASHER S 3.5X9X0.2

043593



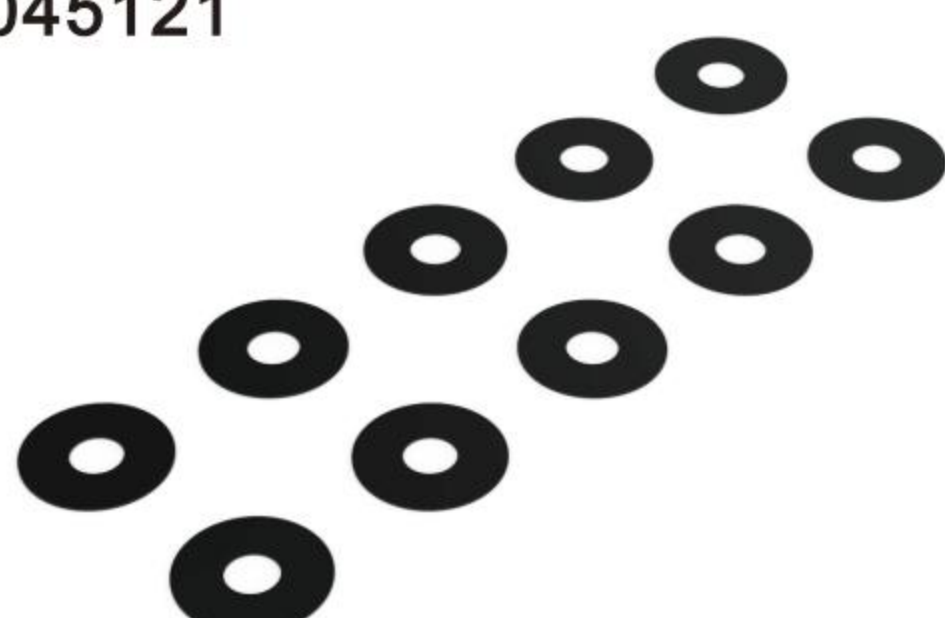
WASHER 3.5X9X0.3

043594



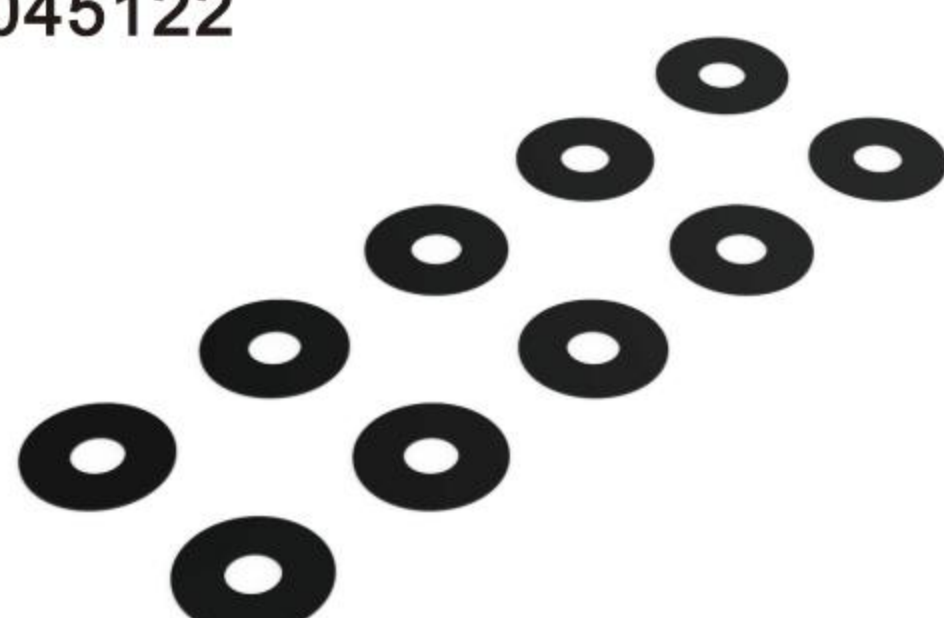
WASHER 3.5X9X0.4

045121



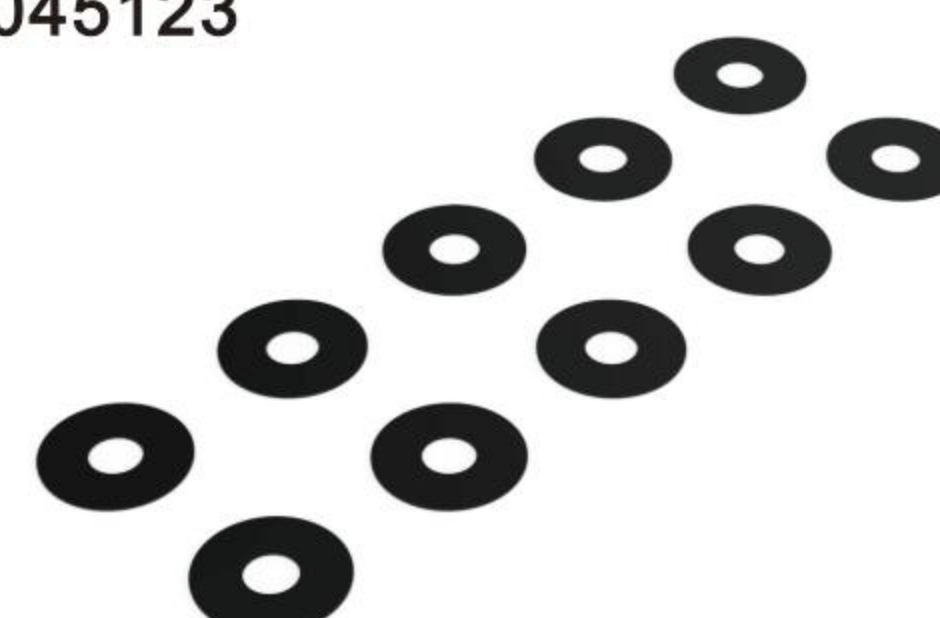
WASHER 5X12X0.1

045122



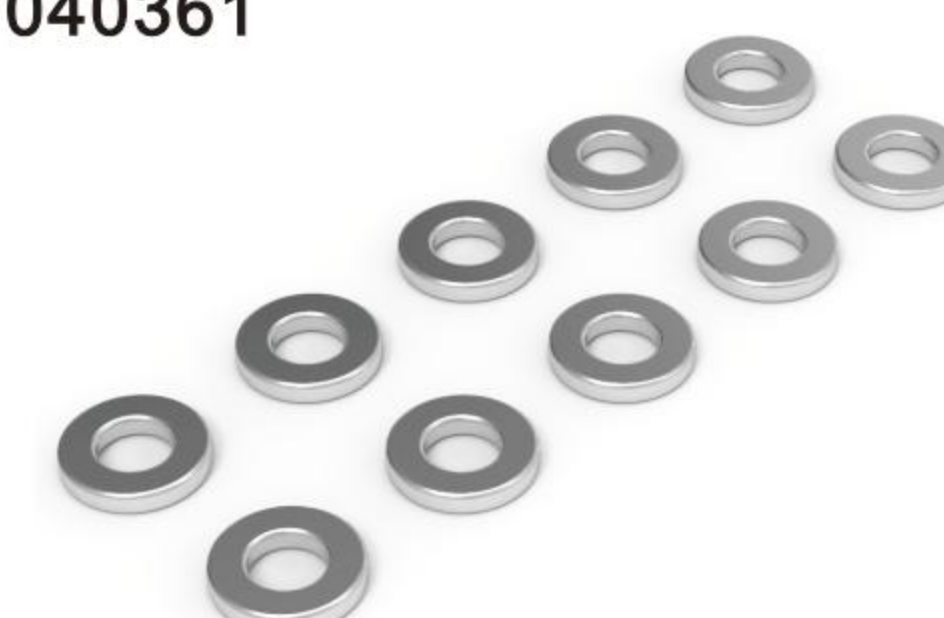
WASHER 5X12X0.2

045123



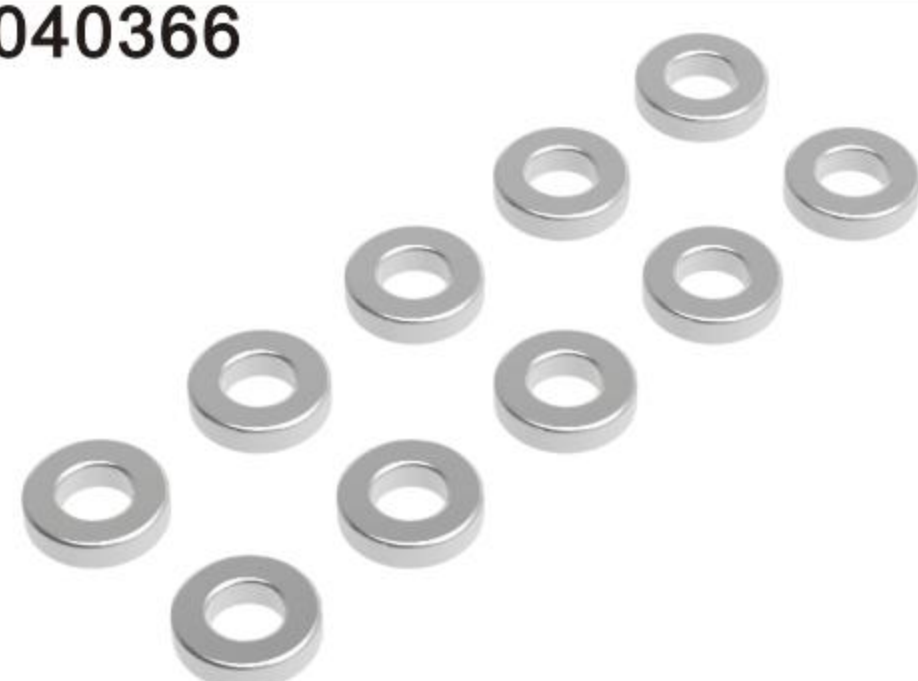
WASHER 5X12X0.3

040361



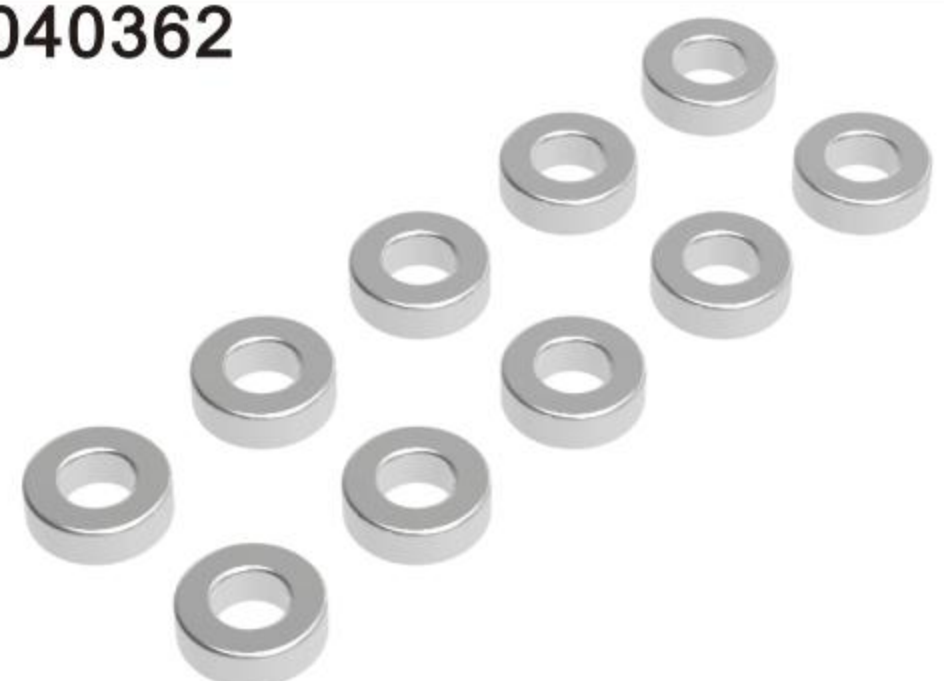
ALU WASHER 3X6X1

040366



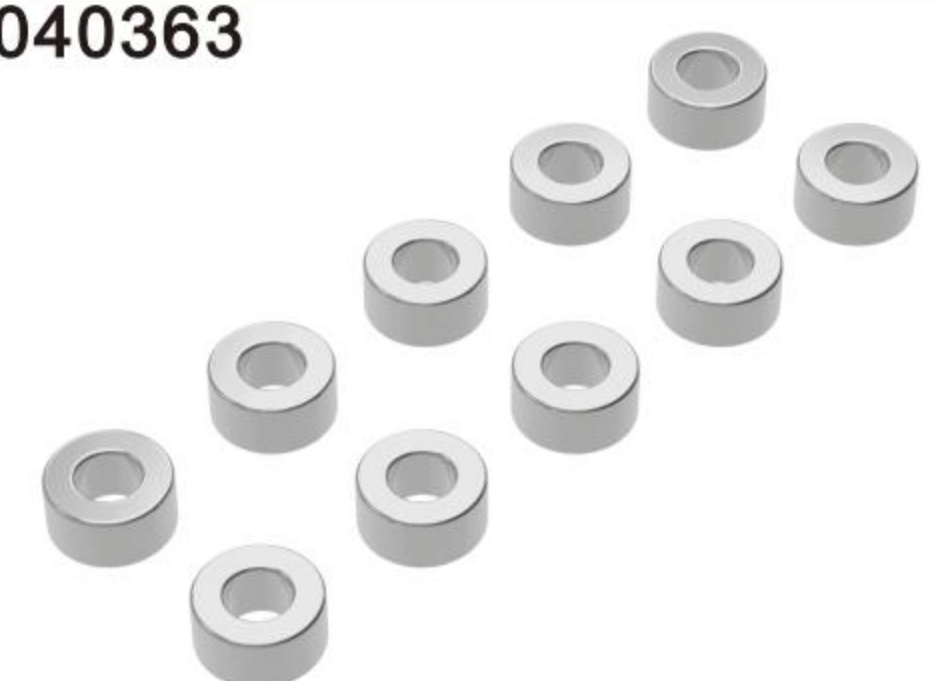
ALU WASHER 3X6X1.5

040362



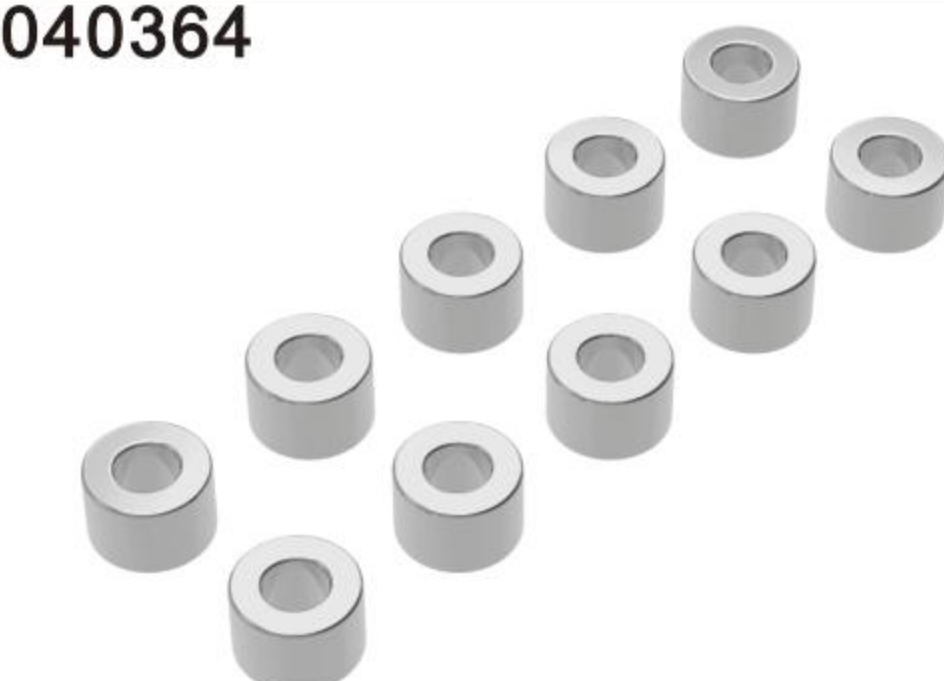
ALU WASHER 3X6X2

040363



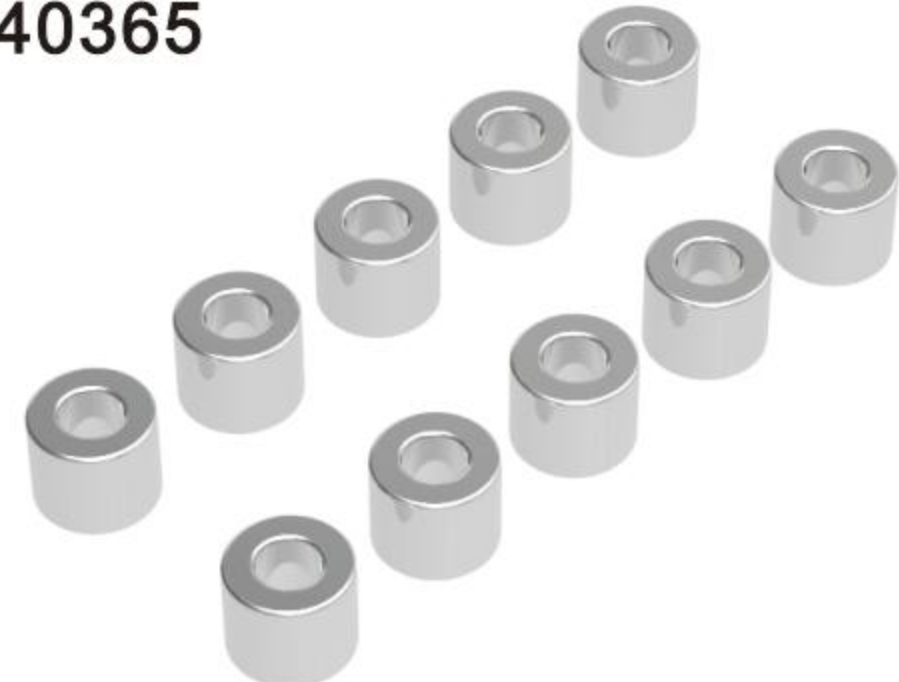
ALU WASHER 3X6X3

040364



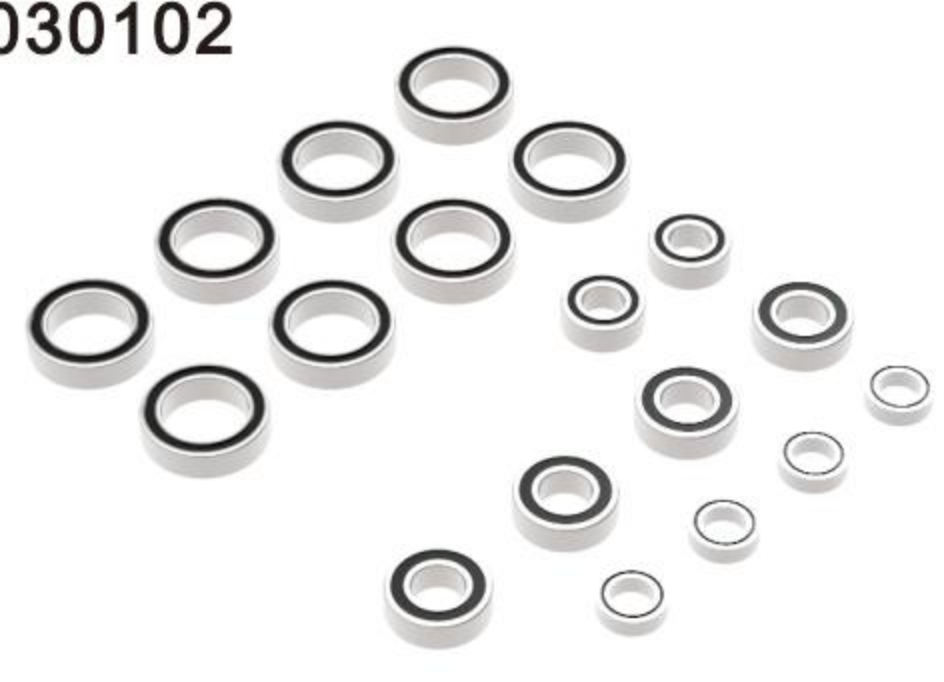
ALU WASHER 3X6X4

040365



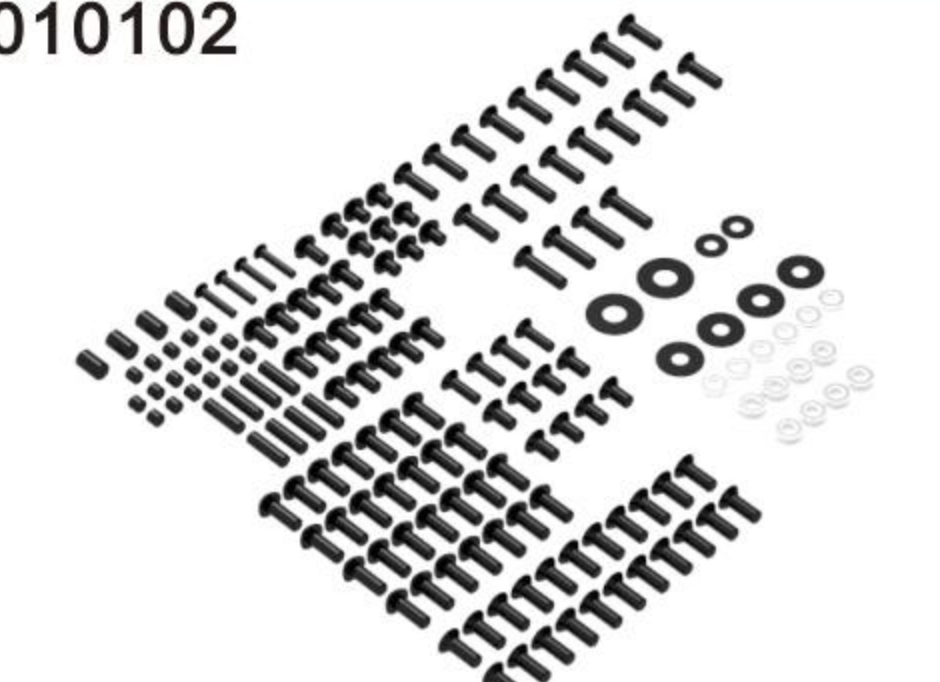
ALU WASHER 3X6X5

030102



WHOLE VEHICLE BEARING

010102



WHOLE CAR SCREW

000100



THE DIFFERENTIAL OIL

000050



SHOCK ABSORBER OIL

009001



GRAPHITE OIL

125041



ALU. UPPER CLAMP WITH ROLLING CENTER ADJ. (L)

125042



ALU. UPPER CLAMP WITH ROLLING CENTER ADJ. (R)

125043



ALU. BULKHEAD



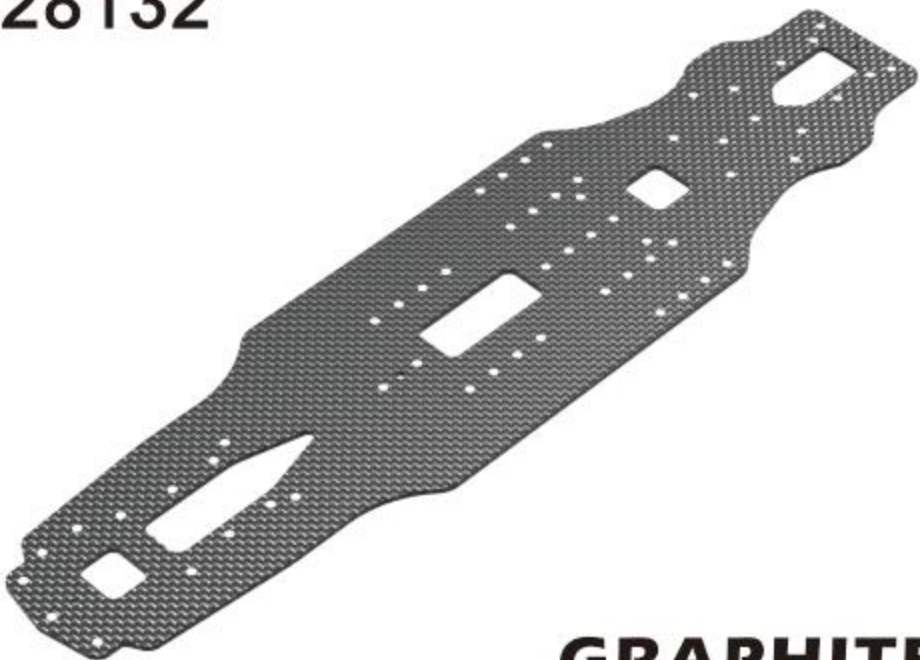




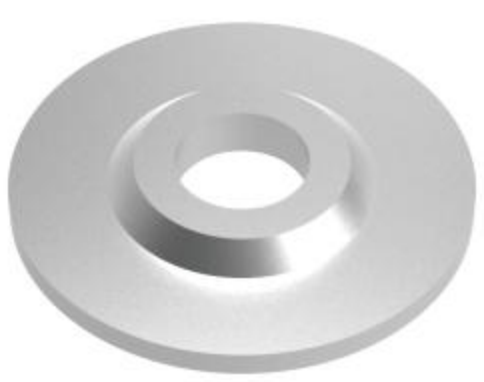



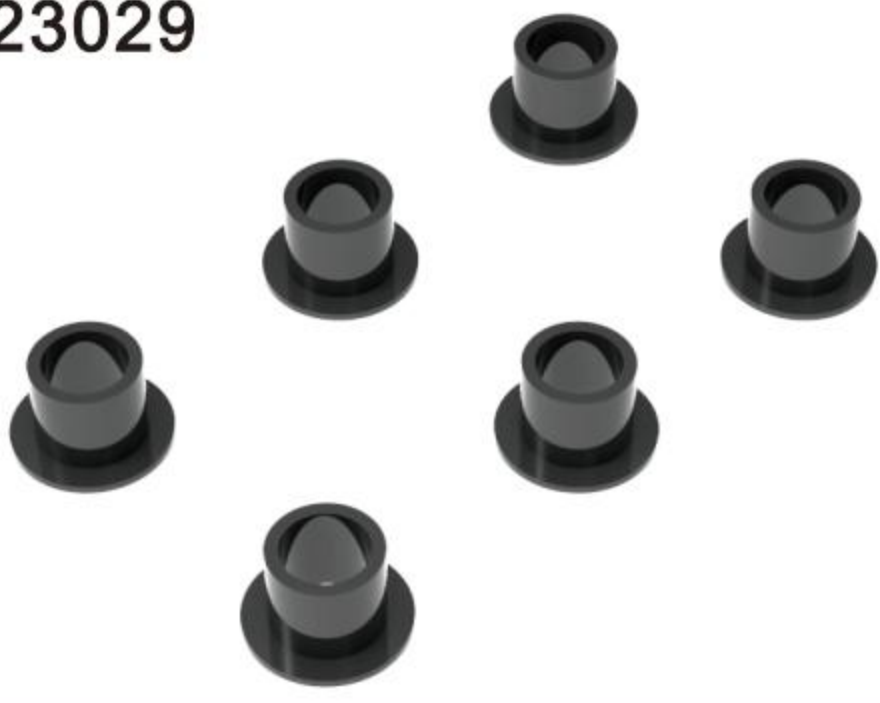


125044



ALU. MOTOR MOUNT PLATE

1/10 ELECTRIC TOURING CAR



<p>125045</p>  <p>ALU. SPUR GEAR SHAFT MOUNT</p>	<p>125046</p>  <p>ALU. STEERING MOUNT HOLDER</p>	<p>125047</p>  <p>ALU. STEERING PLATE</p>	
<p>128132</p>  <p>GRAPHITE</p> <p>CHASSIS</p>	<p>128133</p>  <p>GRAPHITE</p> <p>FRONT SHOCK TOWER</p>	<p>128134</p>  <p>GRAPHITE</p> <p>UPPER DECK</p>	<p>128135</p>  <p>GRAPHITE</p> <p>BATTERY HOLDER PLATE 96</p>
<p>128136</p>  <p>GRAPHITE</p> <p>BATTERY HOLDER PLATE 139</p>	<p>128137</p>  <p>GRAPHITE</p> <p>FAN MOUNT HOLDER</p>	<p>128138</p>  <p>GRAPHITE</p> <p>REAR SHOCK TOWER</p>	
<p>123021</p>  <p>PULLEY HOLDER COLLAR</p>	<p>123022</p>  <p>ALU. FRONT PULLEY SHAFT</p>	<p>123023</p>  <p>ALU. SPUR GEAR HOLDER</p>	<p>123024</p>  <p>ALU. STEERING SHAFT</p>
<p>123025</p>  <p>ALU. FRONT PULLEY SHAFT HOLDER</p>	<p>123026</p>  <p>BUMPER HOLDER COLLAR</p>	<p>123027</p>  <p>BUMPER STANDOFF POST</p>	<p>123028</p>  <p>ALU. BATTERY STANDOFF POST</p>
<p>123029</p>  <p>BATTERY MOUNT SCREW BUSHING</p>	<p>123030</p>  <p>BATTERY MOUNT HANDLER</p>	<p>123031</p>  <p>ALU. CHASSIS STANDOFF POST</p>	<p>123032</p>  <p>COMPOSITE ANTI-ROLL BAR HOLDER</p>

123033



BUMPER HEX SCREW

121086



SERVO MOUNT SET

094072



SPUR GEAR 72T/48P

127050



50T

SYNCHRONOUS BELT SHORT


127250



50T-PU

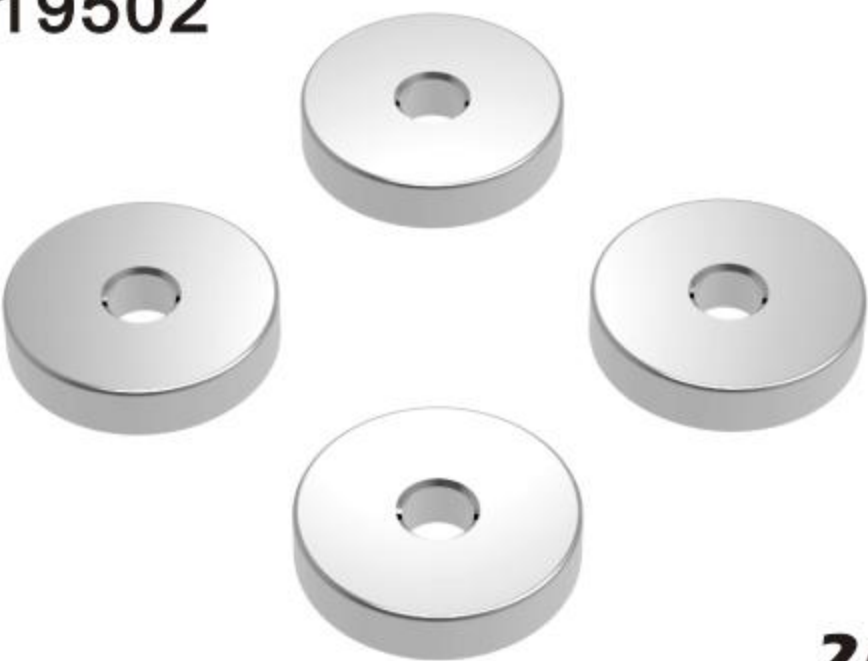
SYNCHRONOUS BELT SHORT

128205



FOAM BUMPER

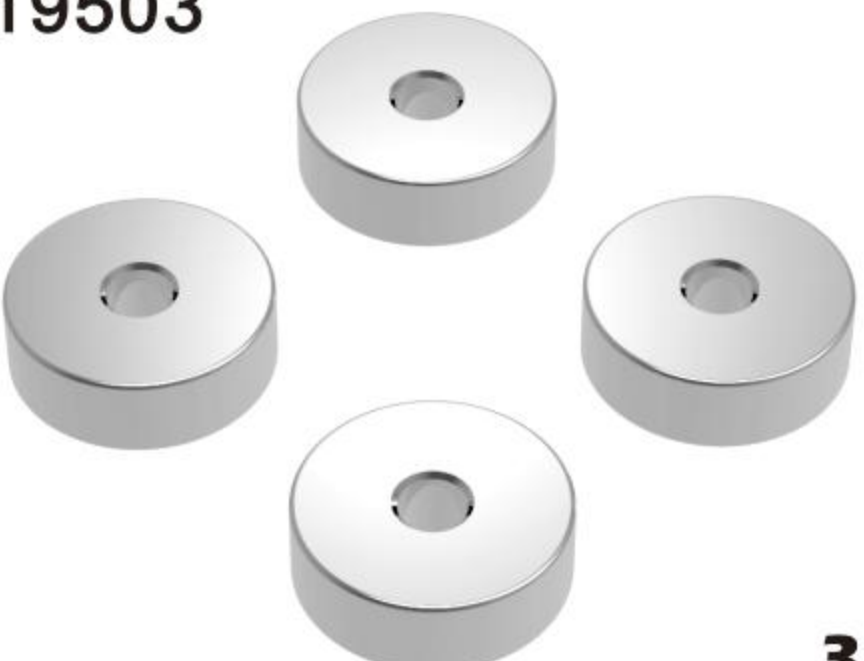
019502



2g

ROUND SHAPE BALANCE WEIGHT


019503



3g

ROUND SHAPE BALANCE WEIGHT


019505



5g

ROUND SHAPE BALANCE WEIGHT

019510



10g

ROUND SHAPE BALANCE WEIGHT