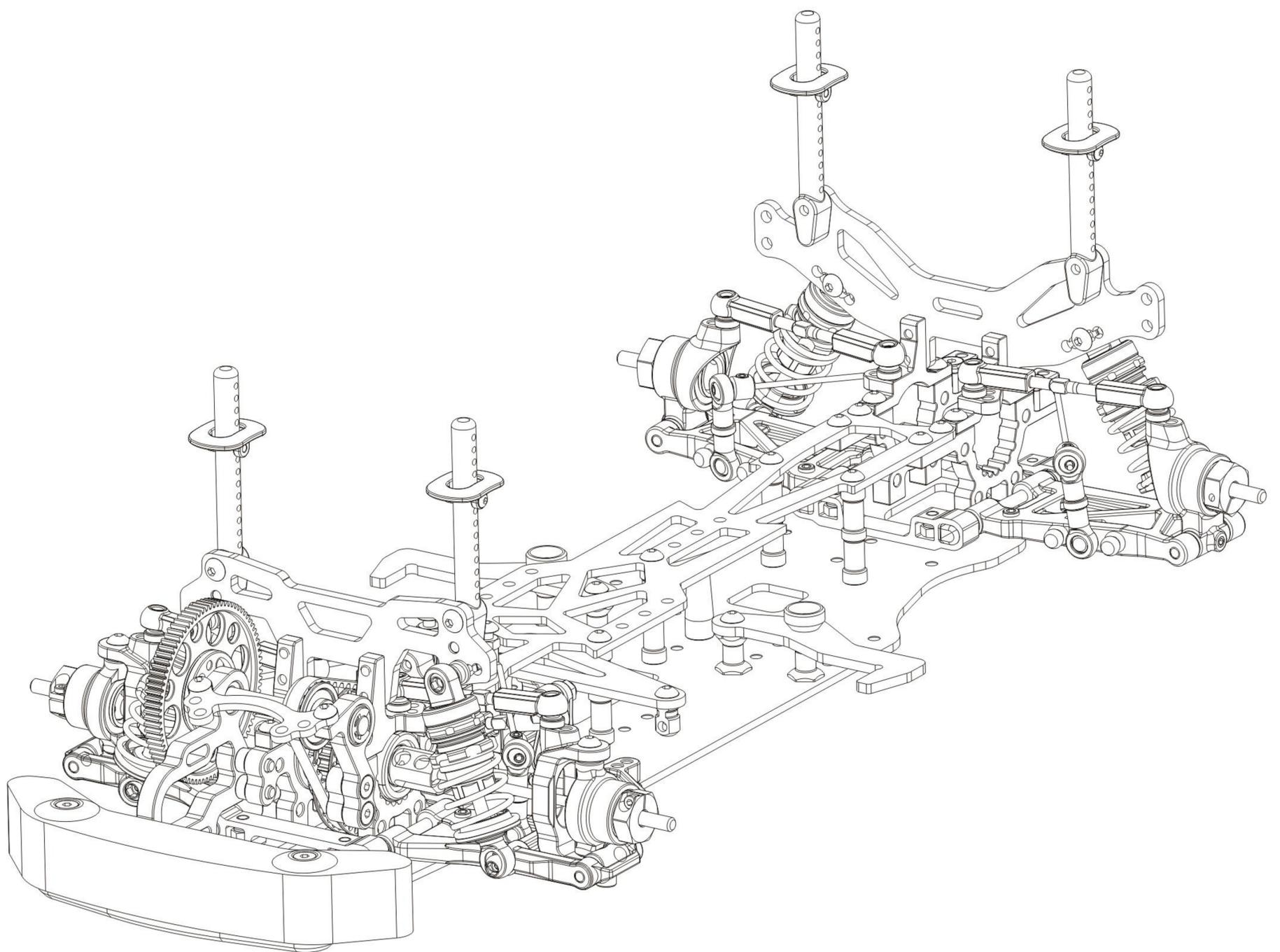




1/10 Electric FF Pro Car Kit

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.

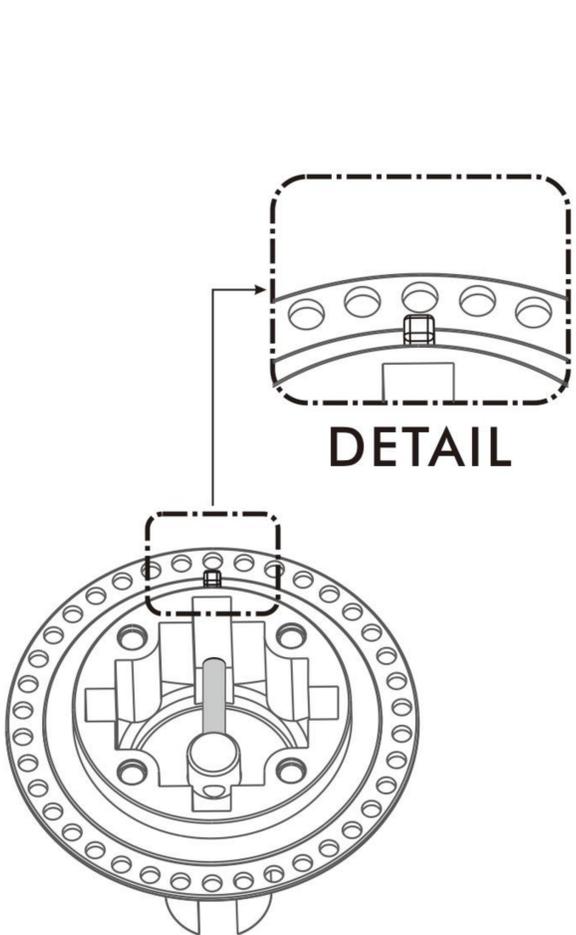
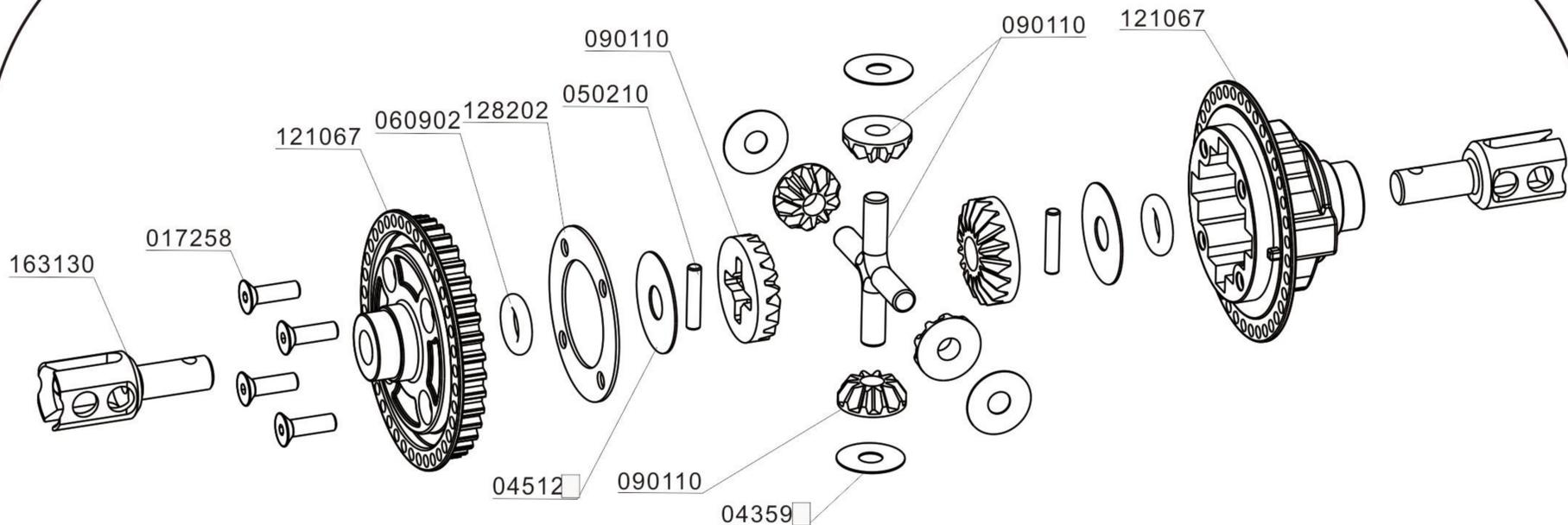
Other Equipment Needed (not included):

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):

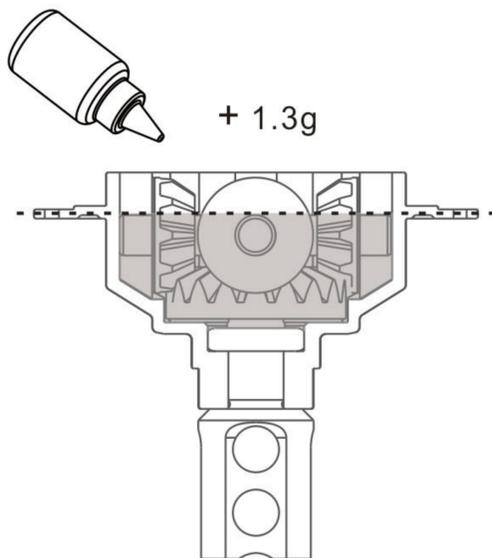
1.5mm, 2.0mm, 2.5mm allen wrench	5.0mm, 5.5mm, 7.0mm hex socket wrench
Modelers craft knife	Turnbuckle wrench
Calipers/Ruler	Camber gauge
Instant glue/Thread lock glue	Shock and Diff Oil
Thrust, Diff and Joint grease	Paint for body shell

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.

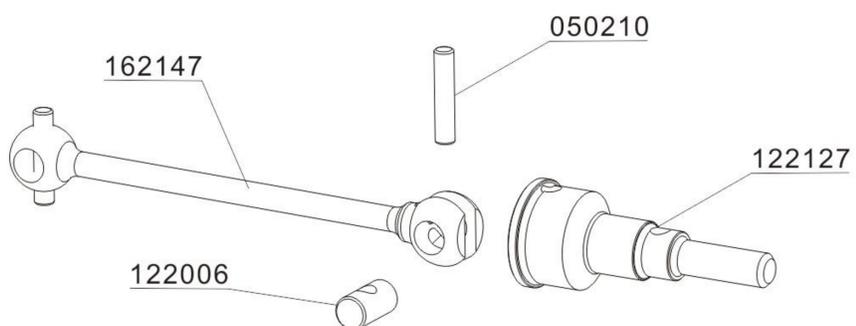
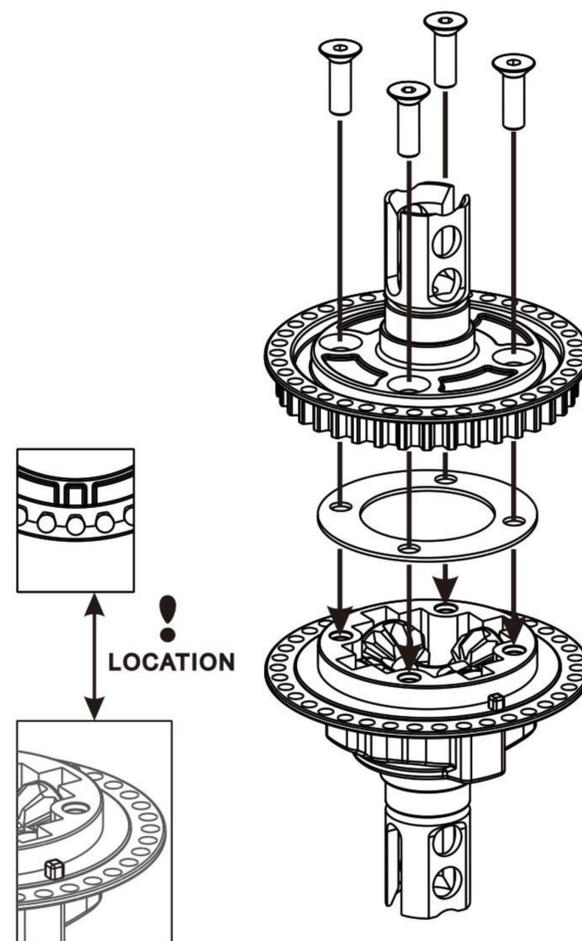


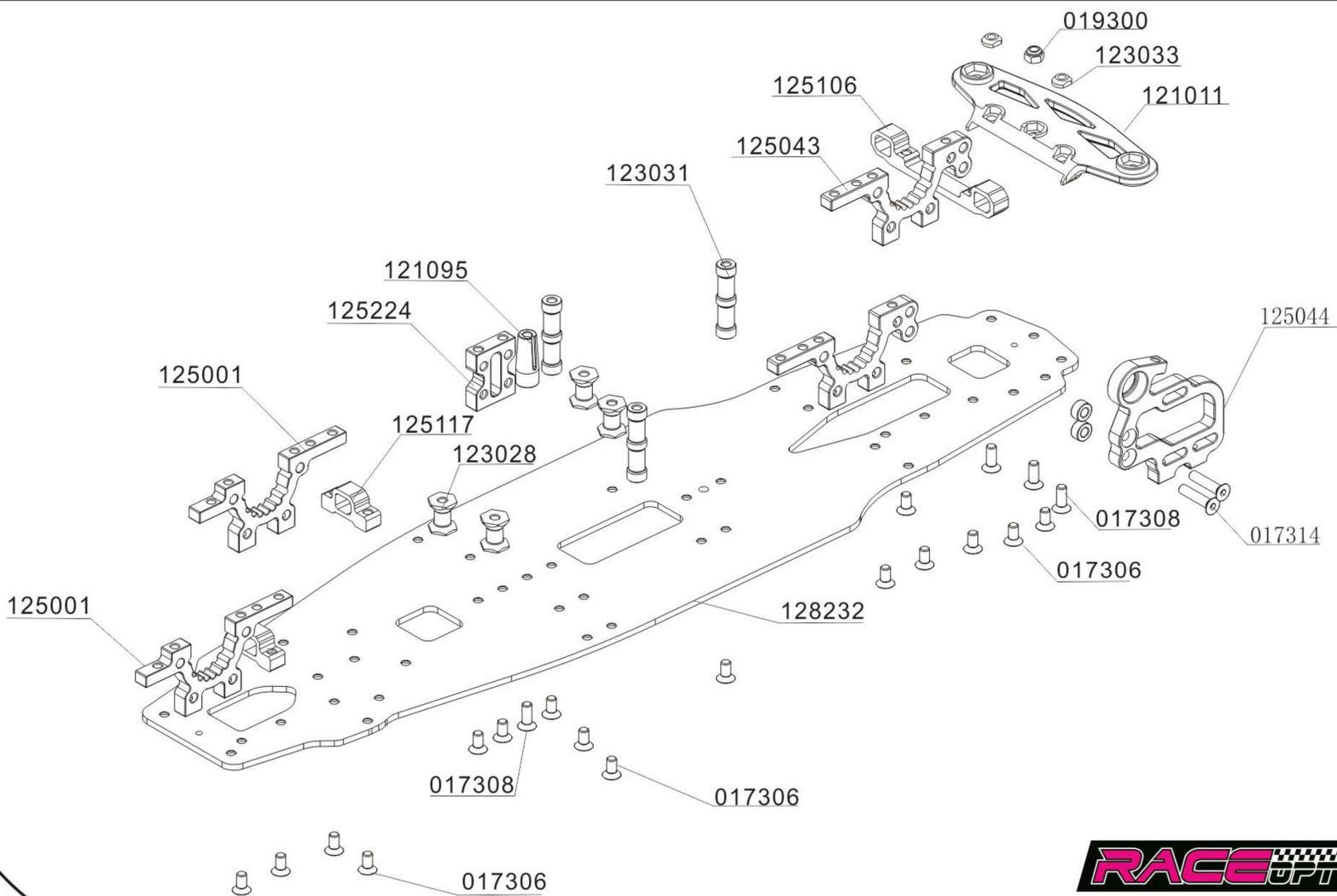
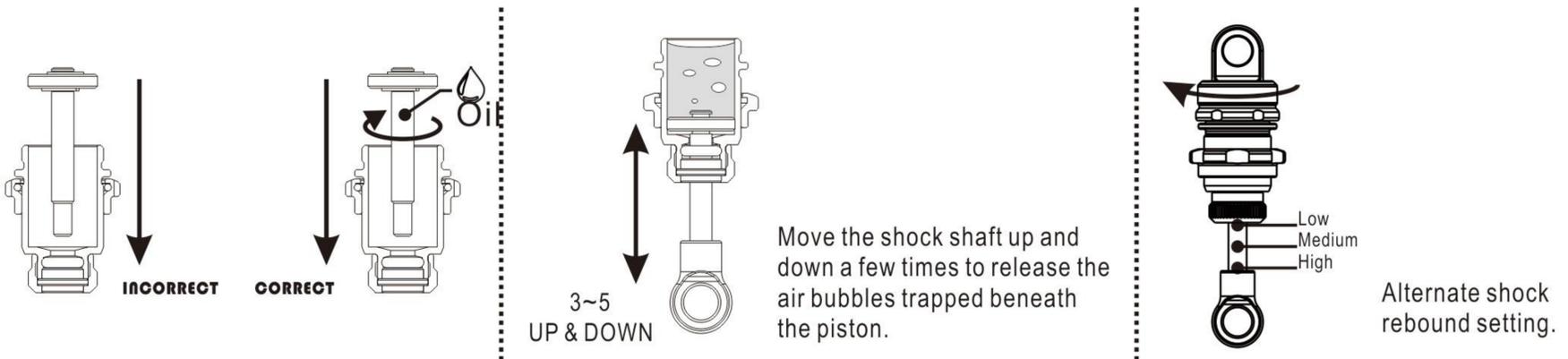
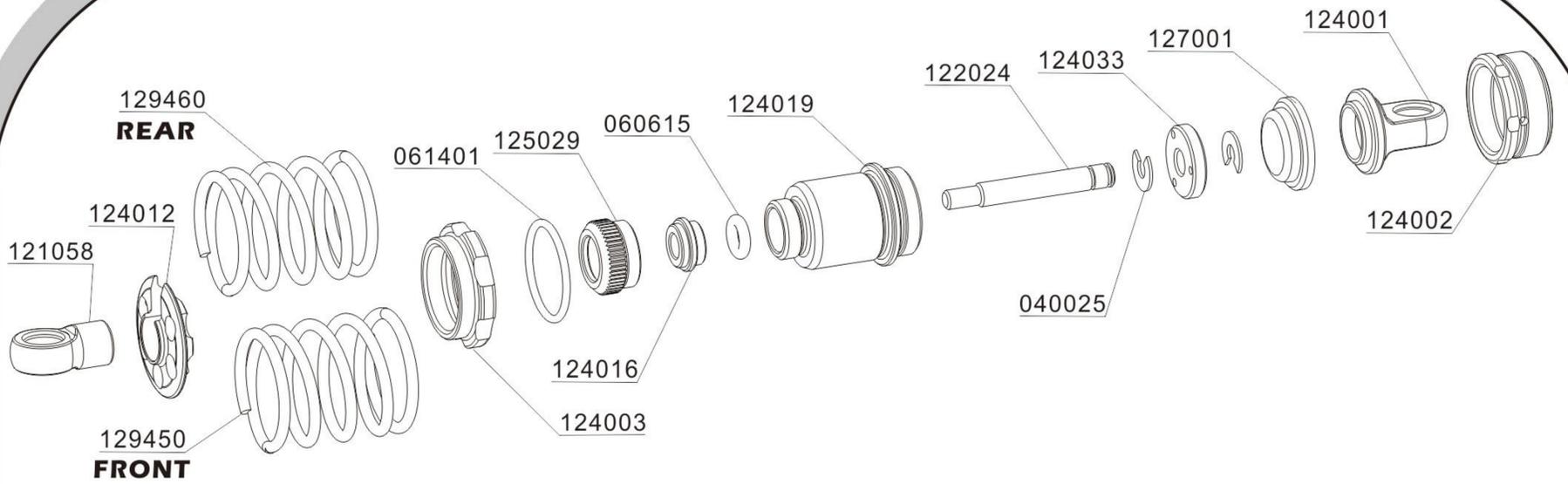
**Low-Traction
500 cst**

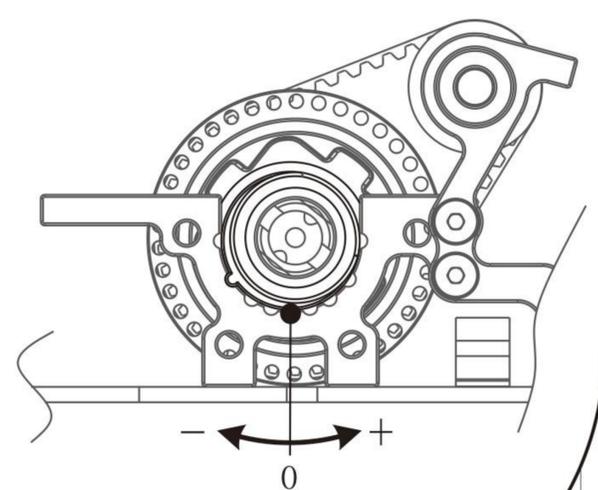
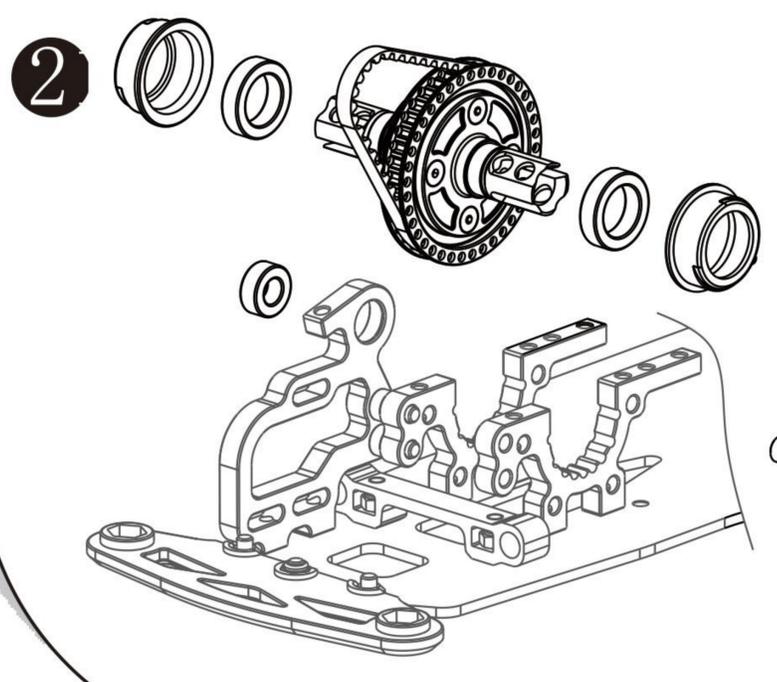
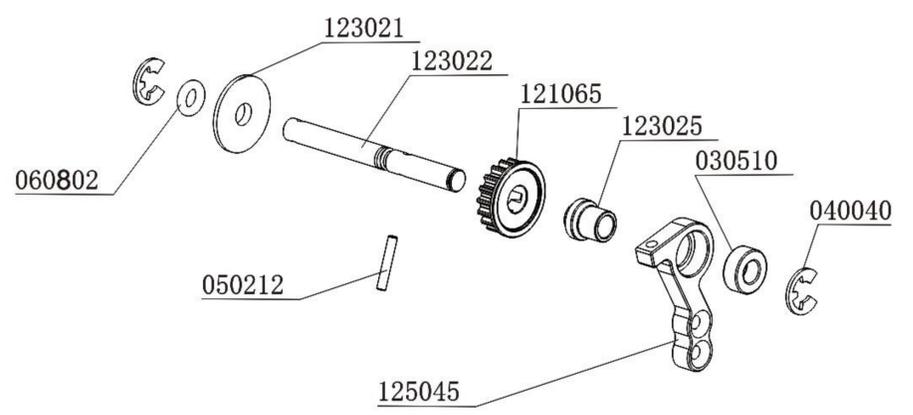
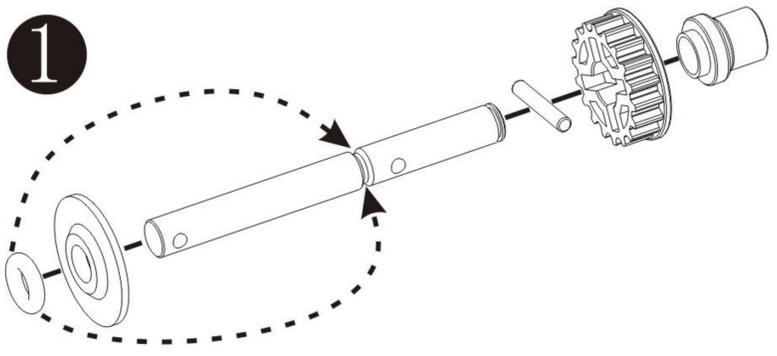
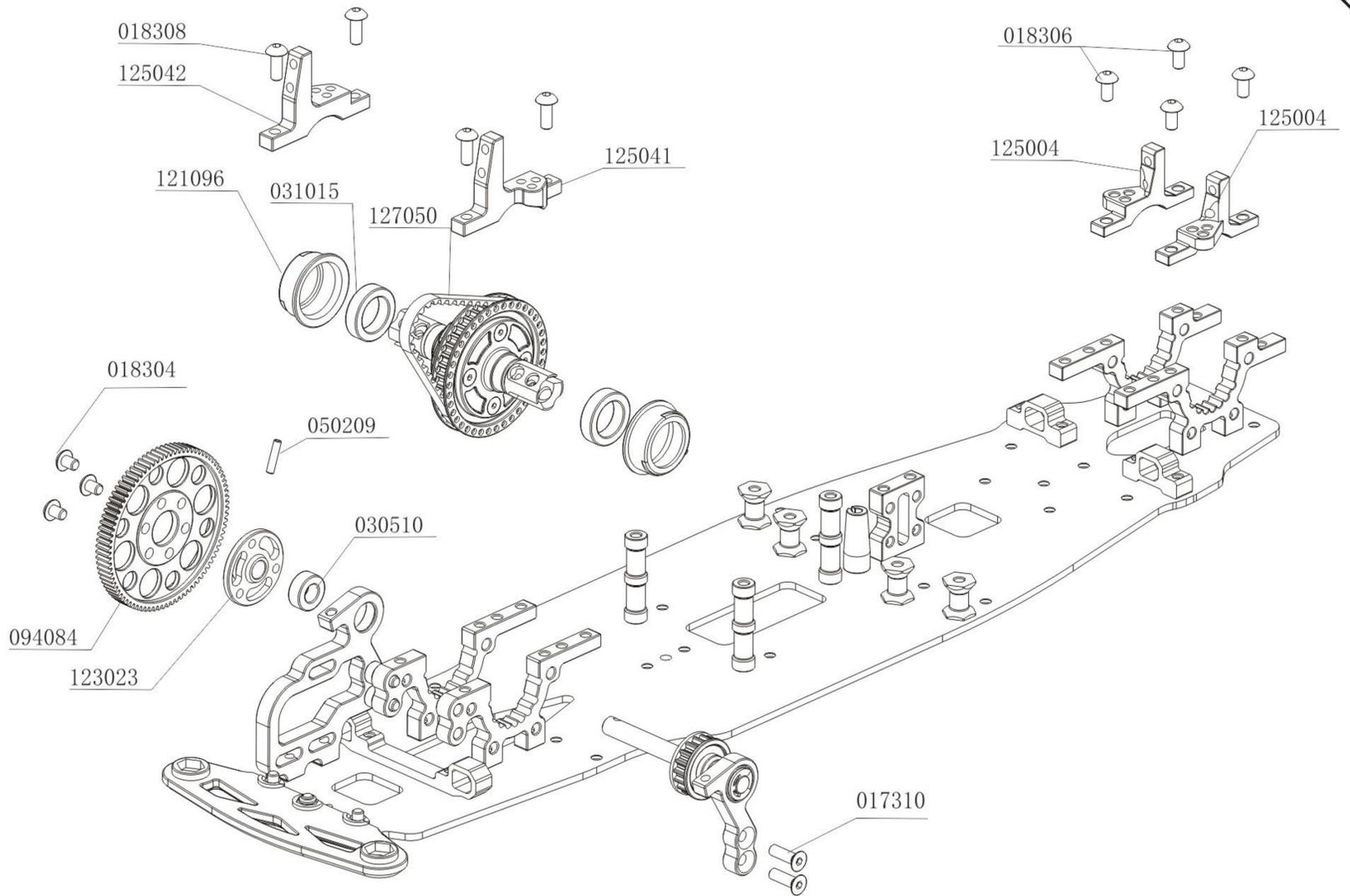
**High-Traction
1000 cst**



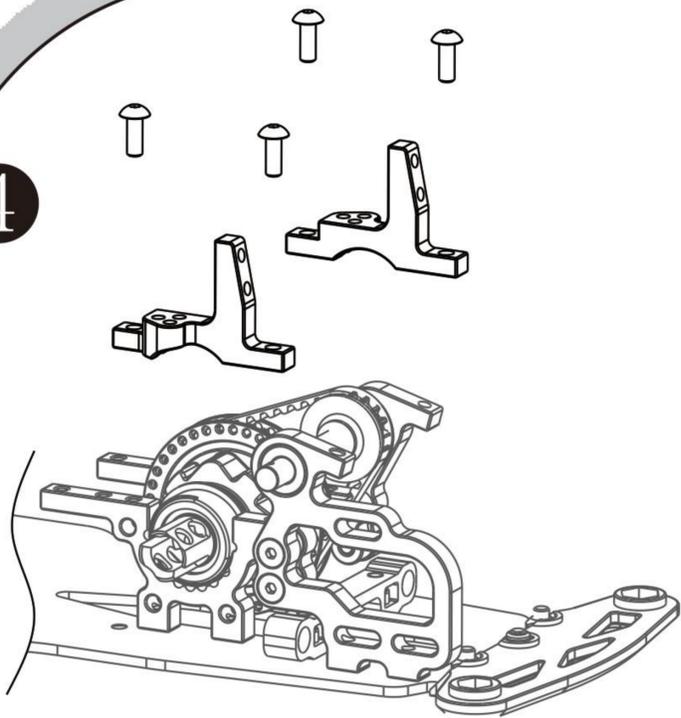
Add 1.3g of oil the diff.



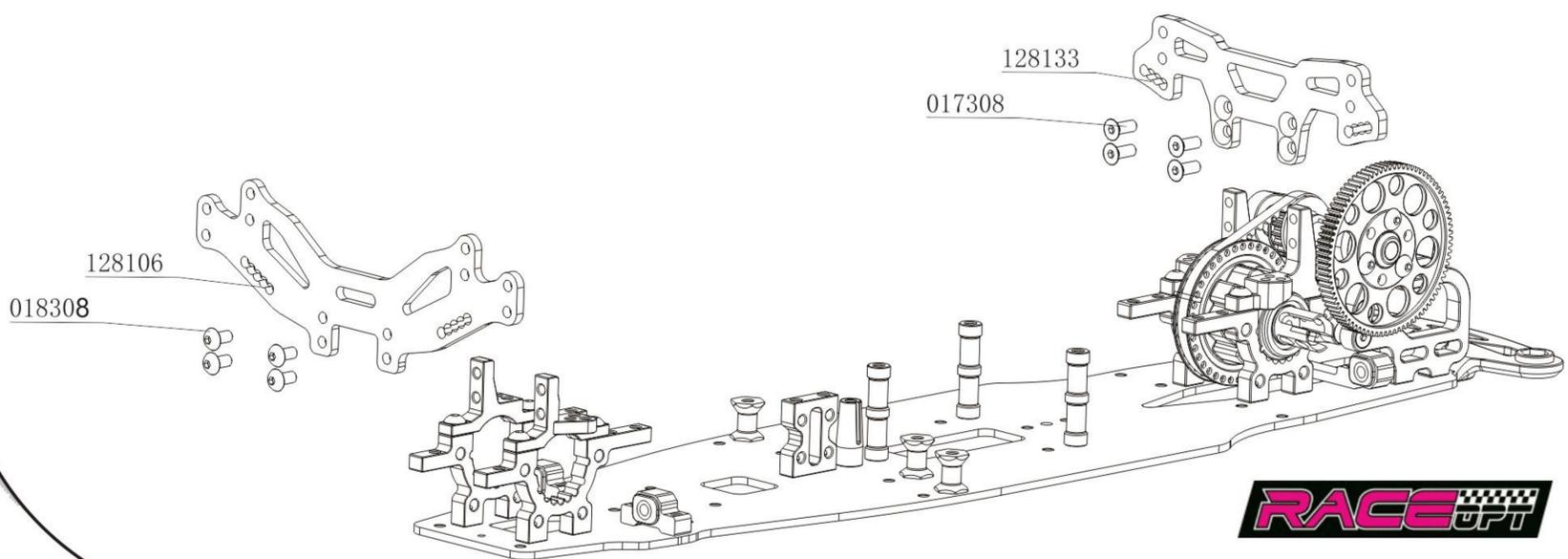
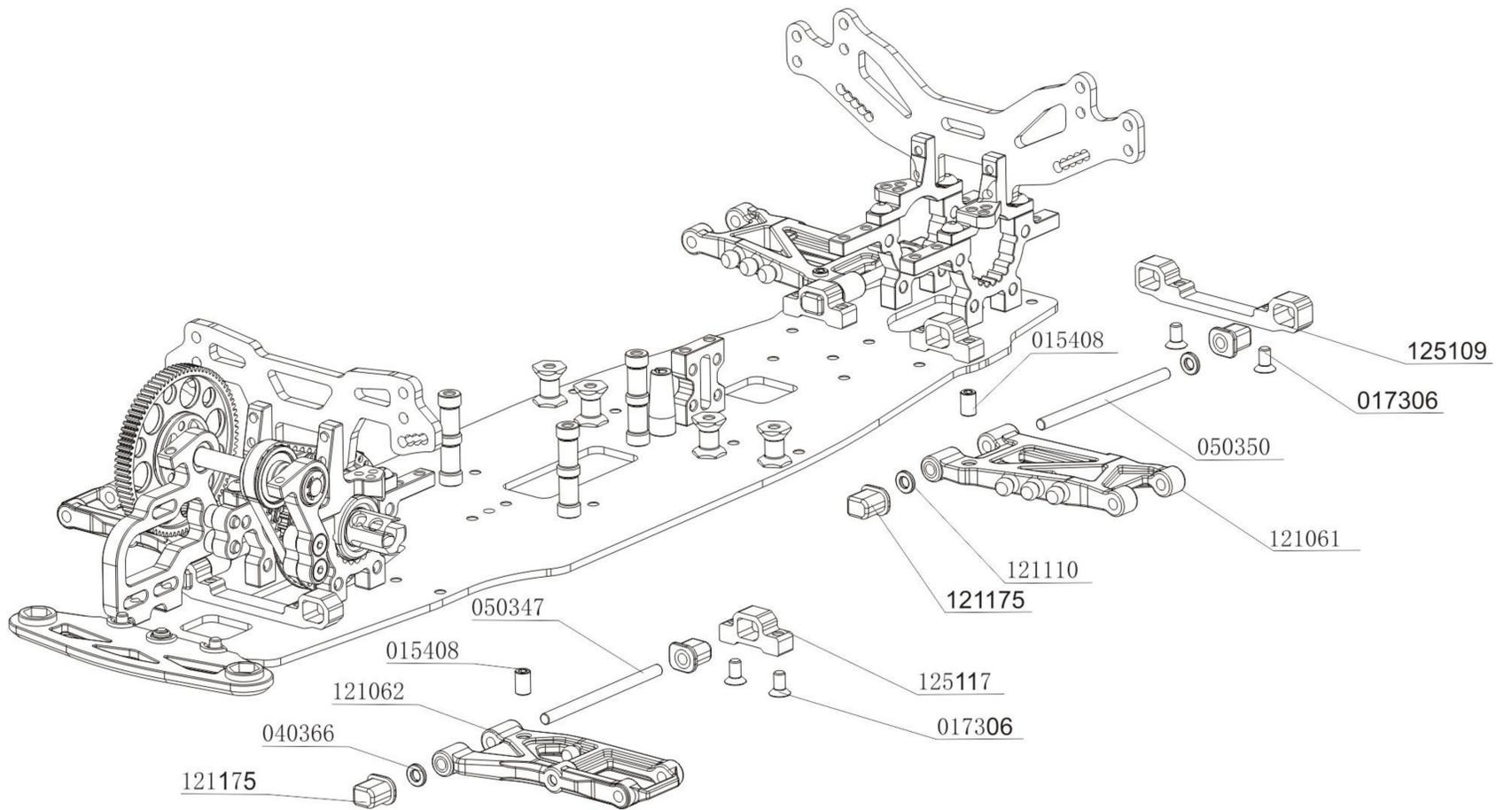
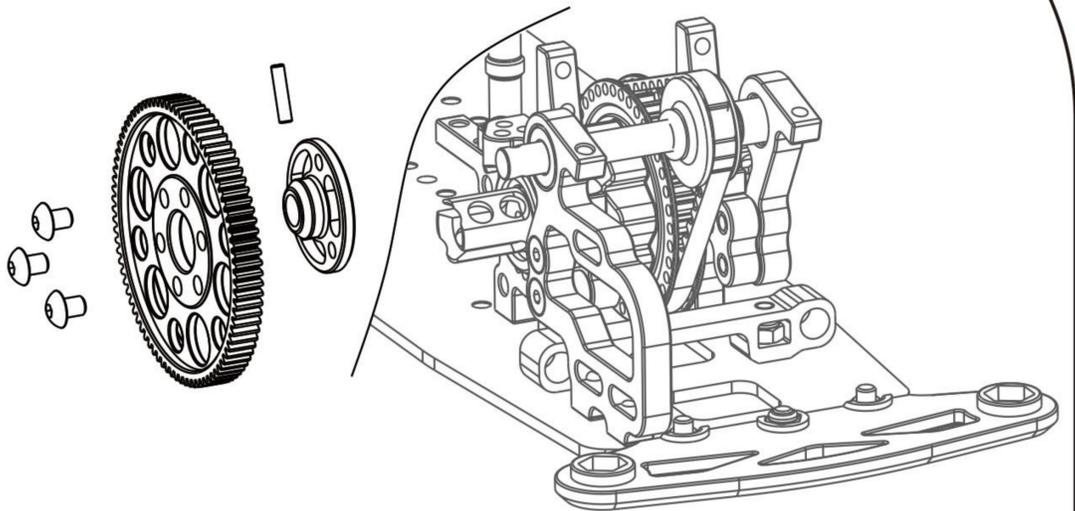


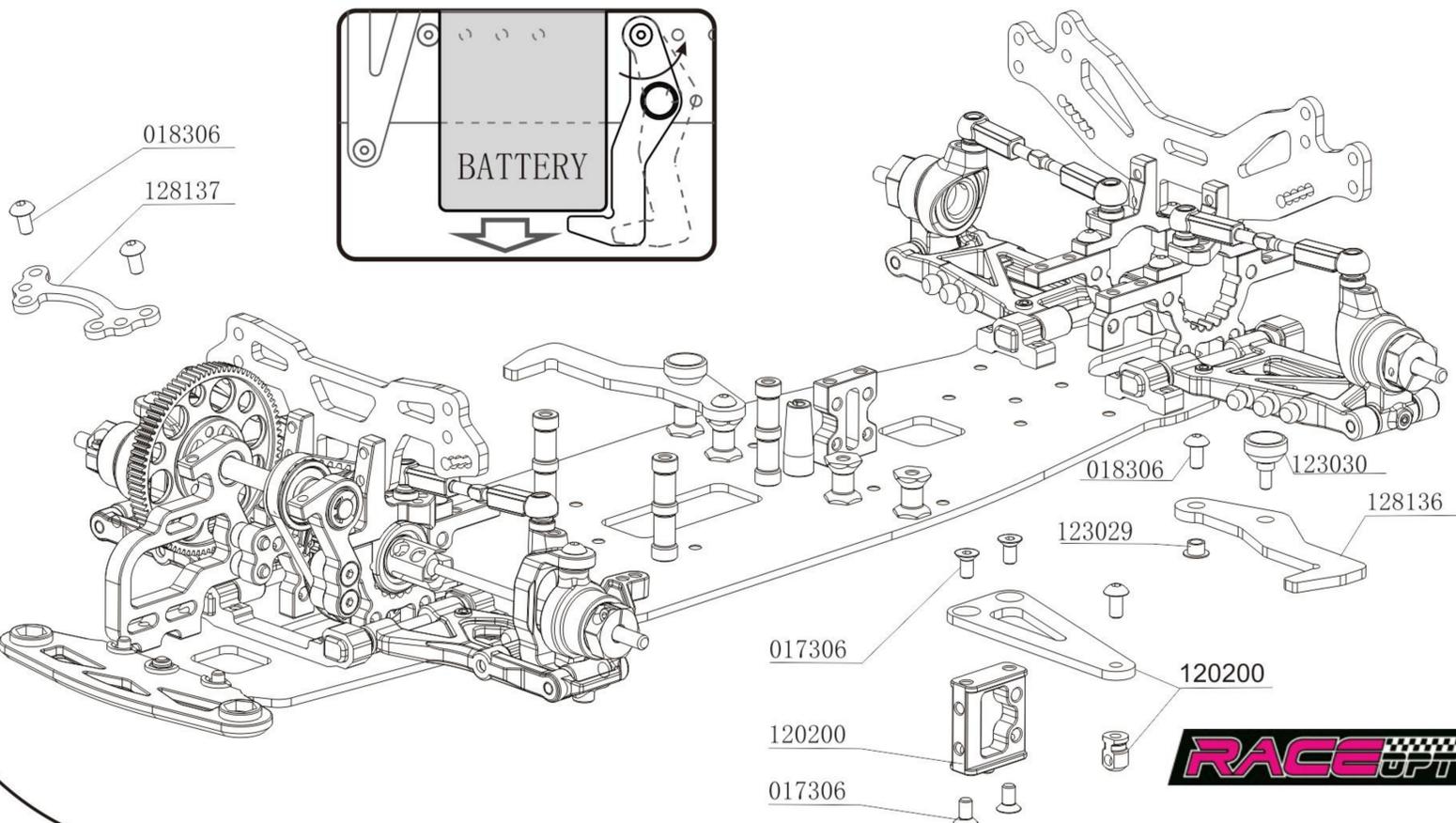
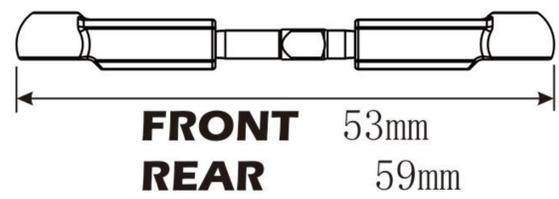
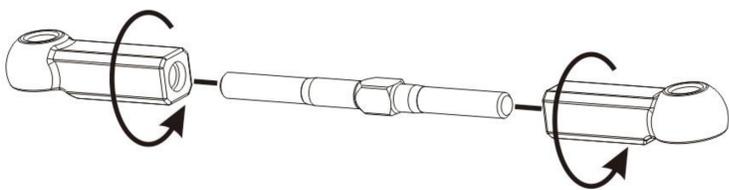
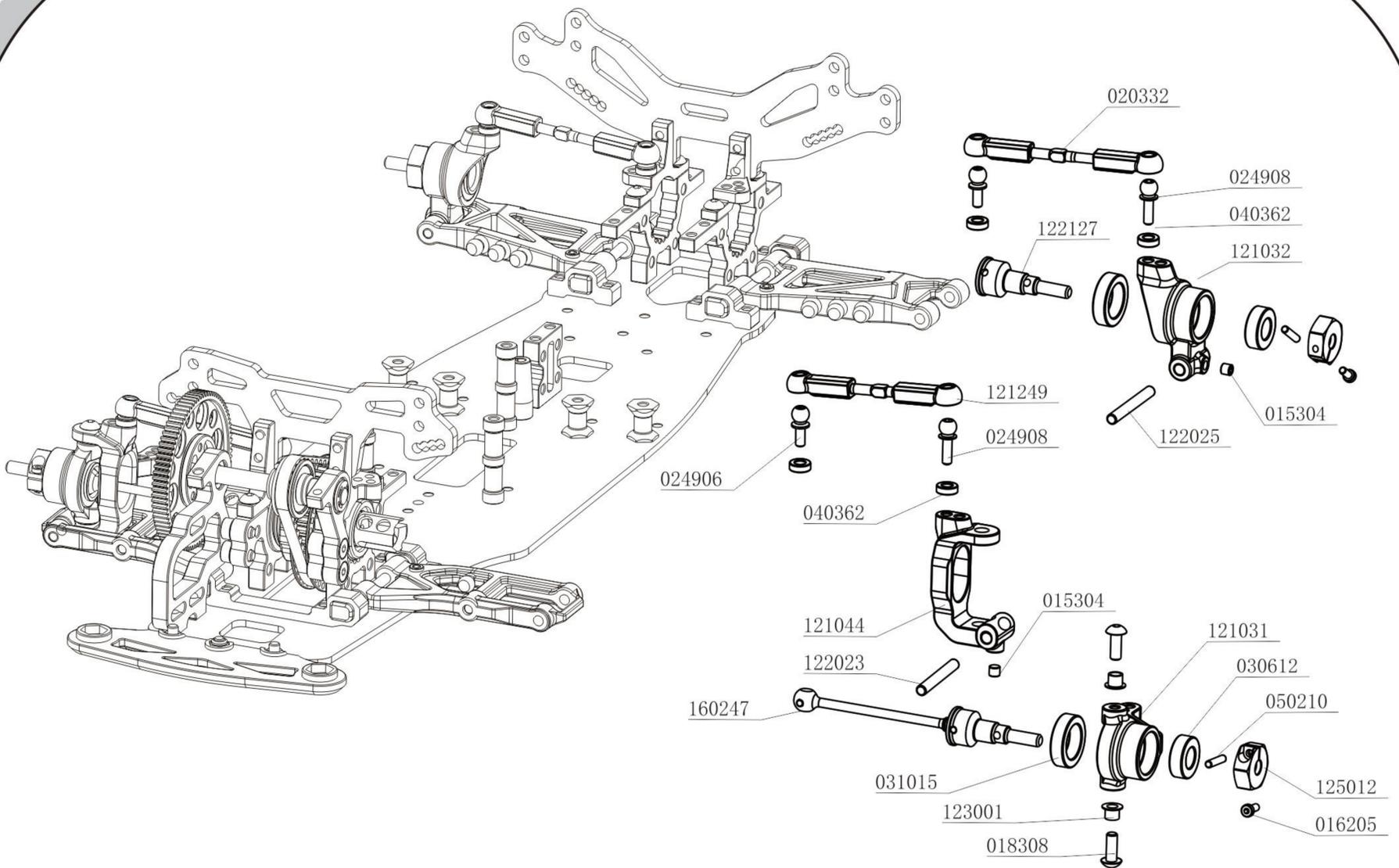


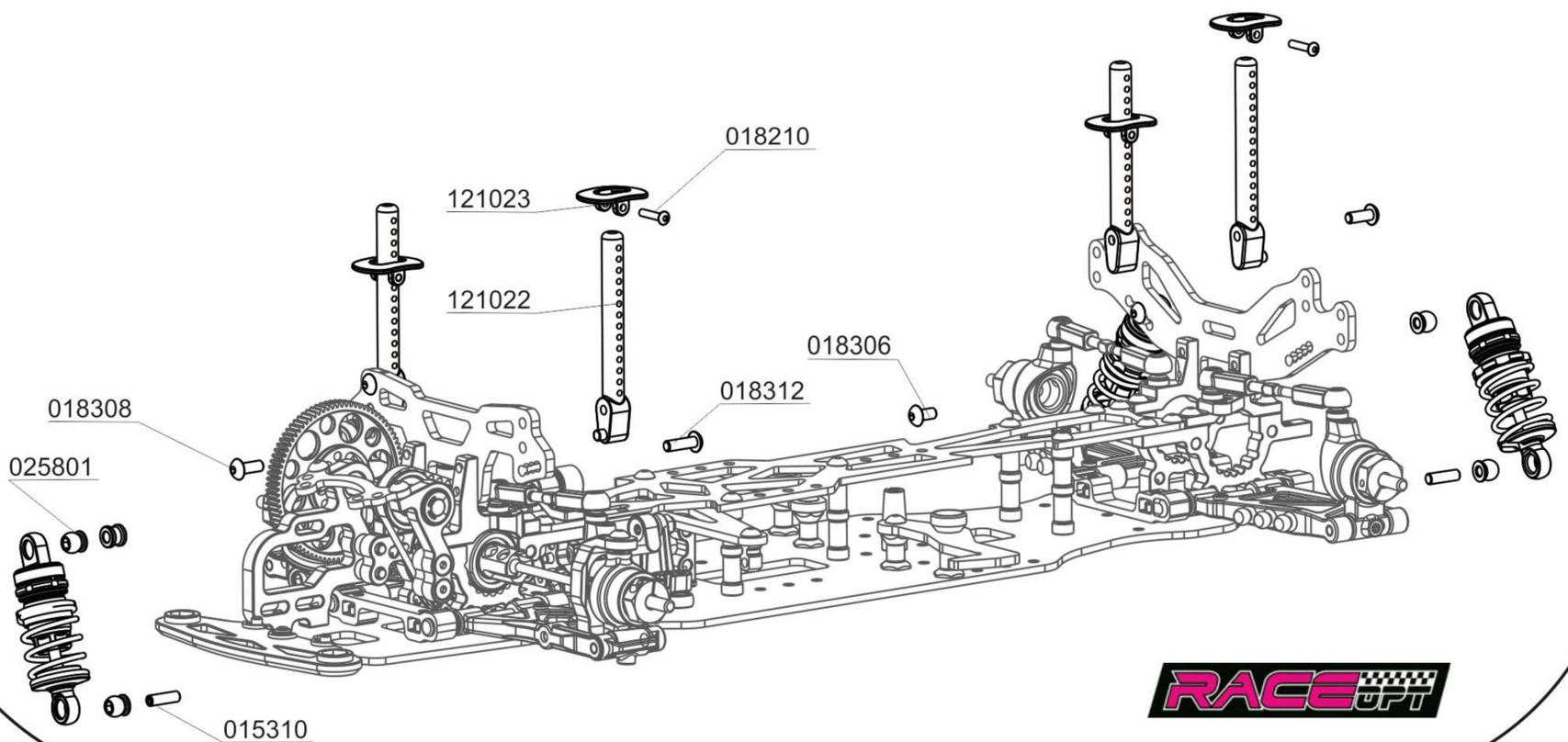
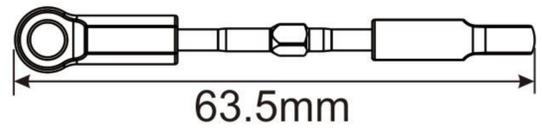
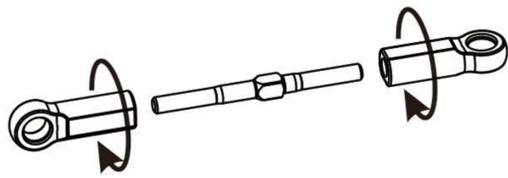
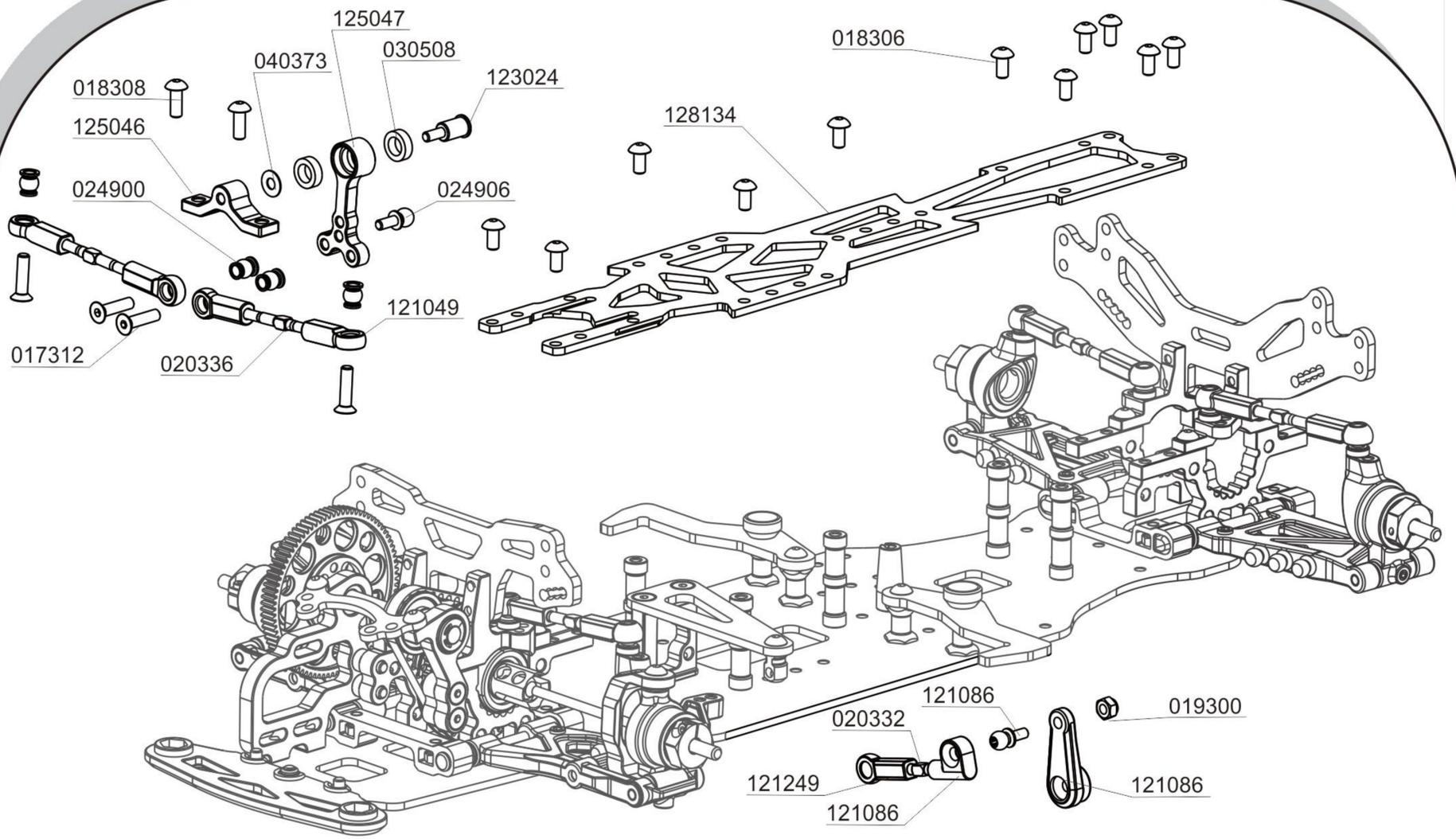
4

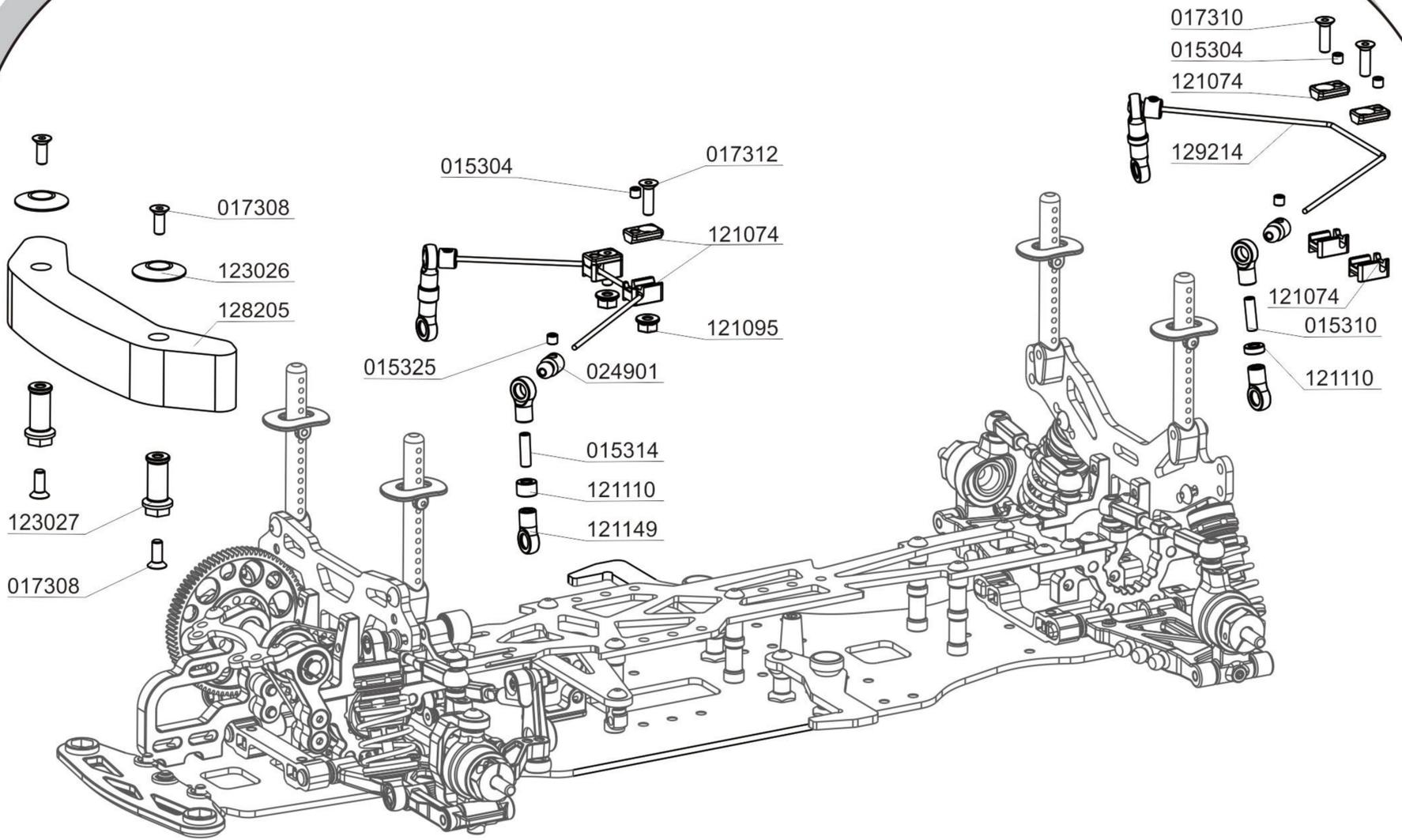


5





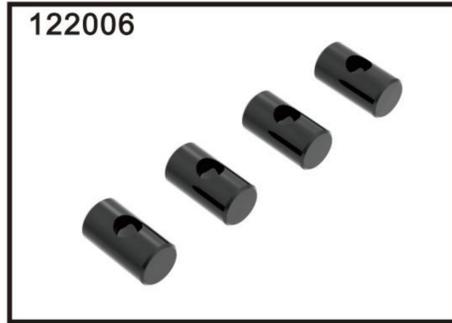




1/10 ELECTRIC TOURING CAR



122127
CVD AXLE SHAFT-STRAIGHT



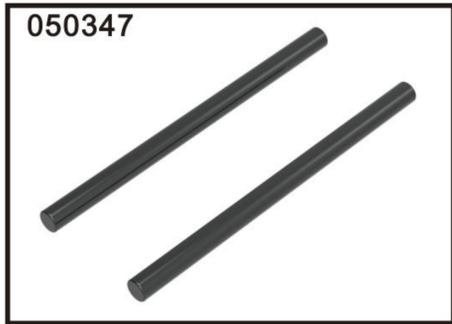
122006
CVD JOINT PIECE



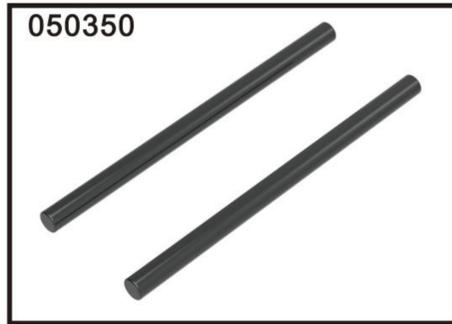
160247
CVD DRIVE SHAFT SPRING STEEL
47MM



162147
UNIVERSAL CVD DRIVE SHAFT SPRING STEEL
47MM-3MM PIN



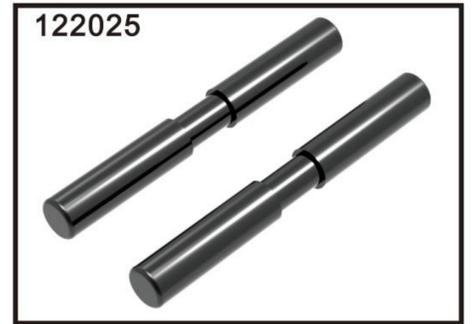
050347
FRONT ARM PIVOT PIN



050350
REAR SUSPENSION PIVOT PIN



122023
FRONT PIVOT PIN FOR C-HUB



122025
REAR PIVOT PIN FOR UPRIGHT



122098
DIFF. PIN



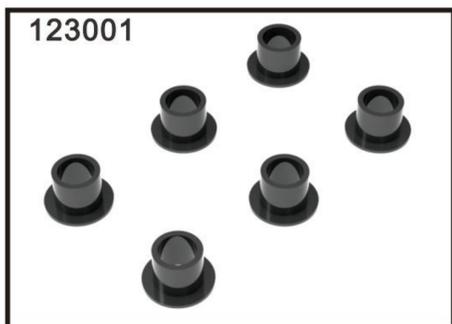
122024
HARDENED SHOCK SHAFT



020336
ADJ. TURNBUCKLE L/R 36MM-SPRING STEEL



020332
ADJ. TURNBUCKLE L/R 32MM-SPRING STEEL



123001
STEEL STEERING BUSHING



124000
ALU SHOCK ABSORBER-SET
12mm*48.5mm



124002
SUSPENSION NUT
12mm



124003
SUSPENSION SPRING RETAINER
12mm



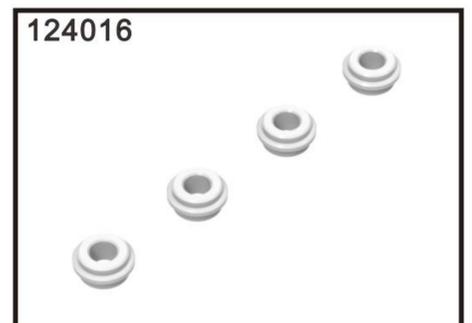
124019
SHOCK TUBE-HARD COATED



120052
ALU SHOCK BOTTOM CAP SET WITH ORING



125029
ALU SHOCK BOTTOM CAP



124016
ALU SHOCK BOTTOM CAP SHIM SET



124012
ALU SHOCK SPRING RETAINING COLLAR



124119
SHOCK TUBE-HARD COATED
13mm*19mm



124102
SUSPENSION NUT
13mm



124103
SUSPENSION SPRING RETAINER
13mm

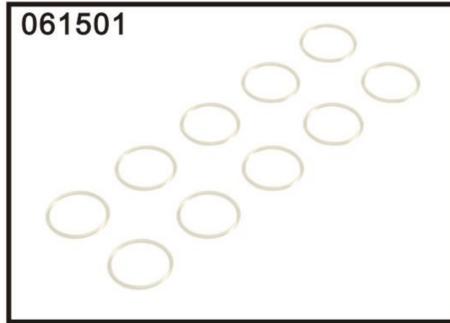
1/10 ELECTRIC TOURING CAR



127002

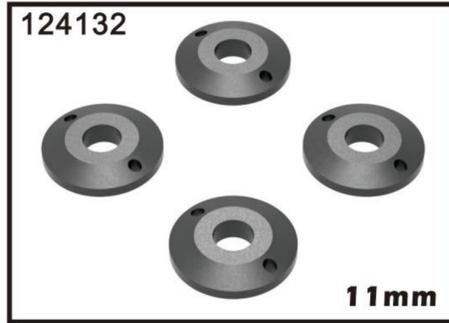
13mm

SHOCK ABSORBER MEMBRANES



061501

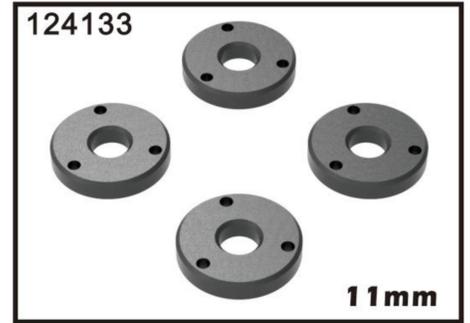
SILICONE O-RING 15X1



124132

11mm

COMPOSITE PISTONS TAPERED



124133

11mm

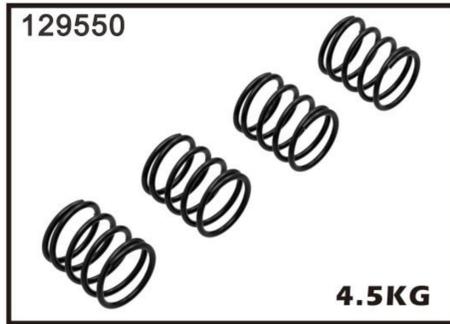
COMPOSITE PISTONS 3-HOLE



124300

13x48.5mm

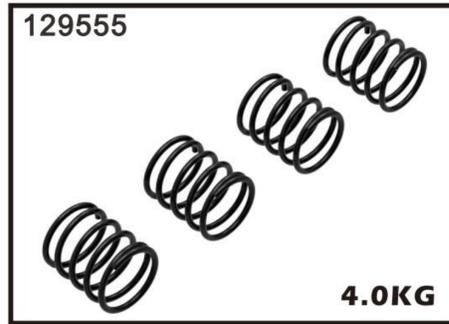
ALU SHOCK ABSORBER-SET 19mm



129550

4.5KG

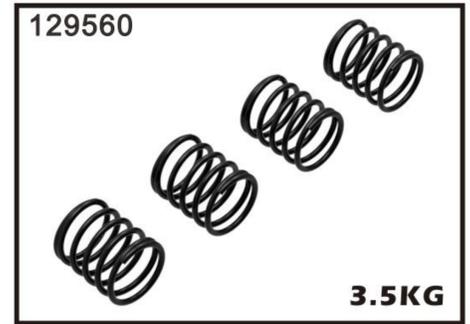
1.5*21*5.0 SUSPENSION SPRING RD



129555

4.0KG

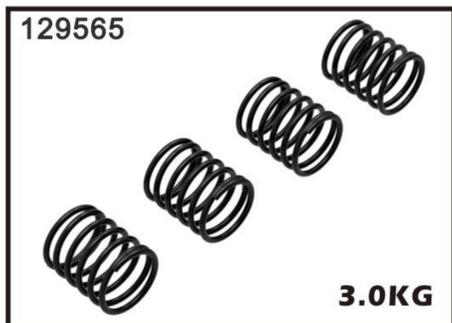
1.5*21*5.5 SUSPENSION SPRING SR



129560

3.5KG

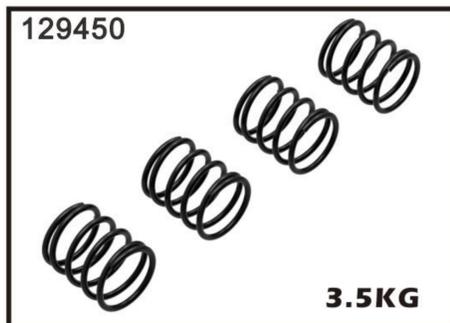
1.5*21*6.0 SUSPENSION SPRING YE



129565

3.0KG

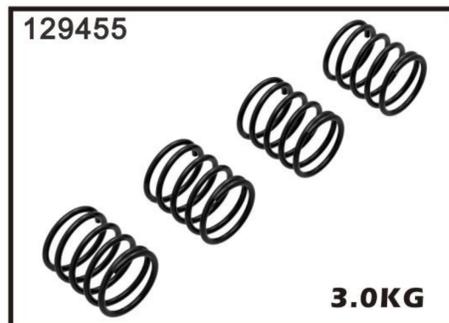
1.5*21*6.5SUSPENSION SPRING BL



129450

3.5KG

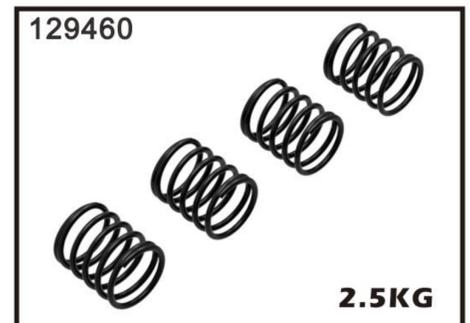
1.4*21*5.0 SUSPENSION SPRING RD



129455

3.0KG

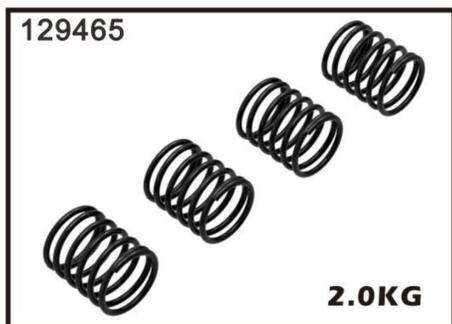
1.4*21*5.5 SUSPENSION SPRING SR



129460

2.5KG

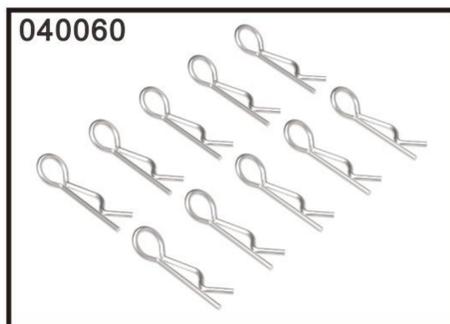
1.4*21*6.0 SUSPENSION SPRING YE



129465

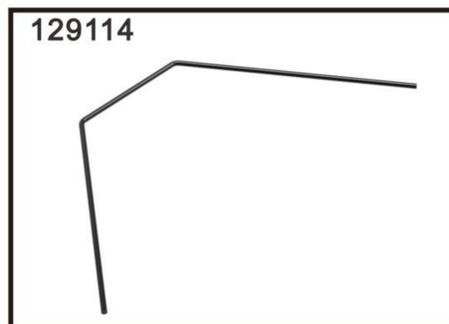
2.0KG

1.4*21*6.5SUSPENSION SPRING BL



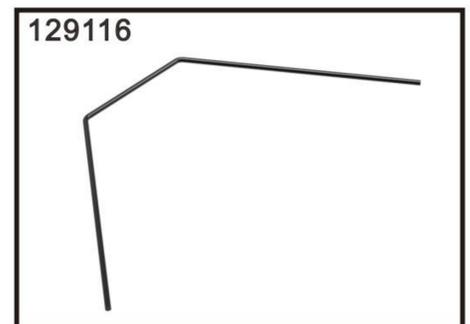
040060

BODY CLIP



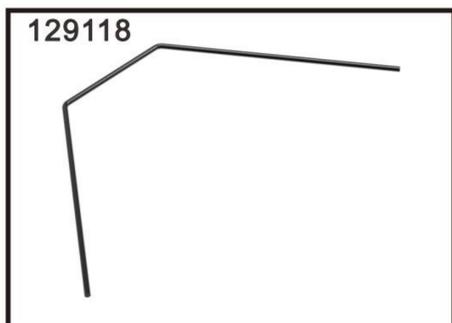
129114

ANTI-ROLL BAR FRONT 1.4MM



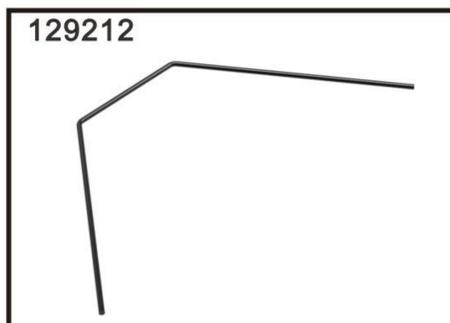
129116

ANTI-ROLL BAR FRONT 1.6MM



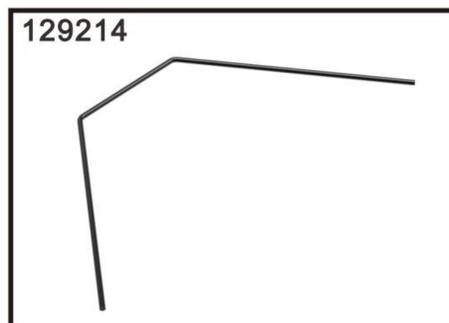
129118

ANTI-ROLL BAR FRONT 1.8MM



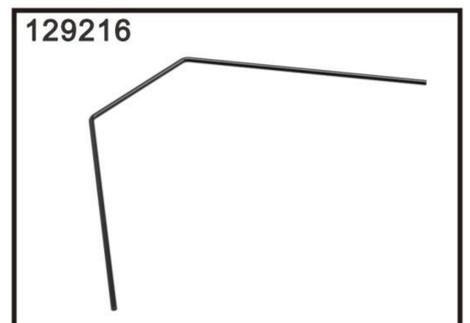
129212

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

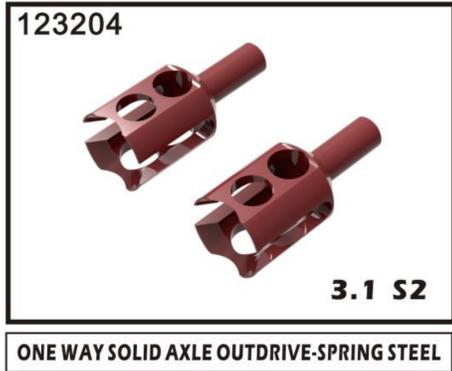
FRONT SOLID AXLE SET-SPRING STEEL



125019

FRONT SOLID AXLE

1/10 ELECTRIC TOURING CAR



ONE WAY SOLID AXLE OUTDRIVE-SPRING STEEL



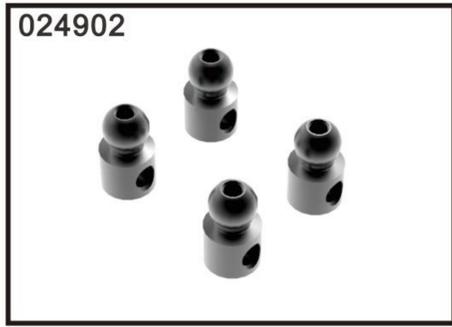
ONE WAY SOLID AXLE SET-SPRING STEEL OUTDRIVE



PIVOT BALL 4.9MM DOUBLE BELVE SHOULDERS



4.9MM TRIPPING BALL HEAD-STEEL



TRIPPING BALL HEAD-4.9MM ALU.



BALL END 4.9MM WITH THREAD 4MM



BALL END 4.9MM WITH THREAD 6MM



BALL END 4.9MM WITH THREAD 8MM



BALL END 4.9MM WITH THREAD 10MM



BALL UNIVERSAL 5.8MM HEX



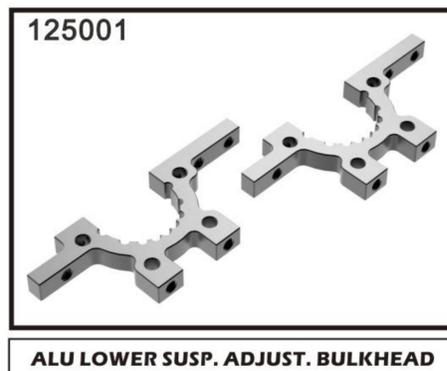
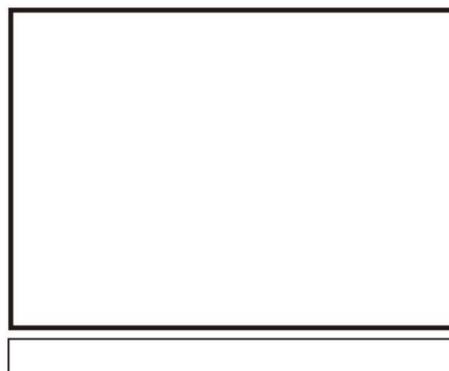
BALL UNIVERSAL 5.8MM HEX



BALL END 5.8MM WITH THREAD 6MM



BALL END 5.8MM WITH THREAD 8MM



ALU LOWER SUSP. ADJUST. BULKHEAD



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



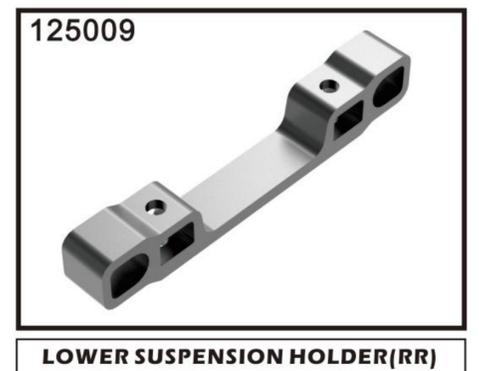
LOWER SUSPENSION HOLDER(FF)



LOWER SUSPENSION HOLDER(FR)



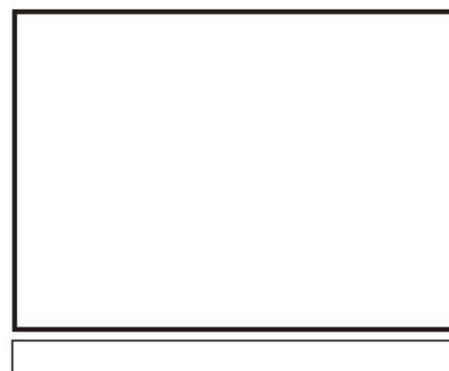
LOWER SUSPENSION HOLDER(RF)



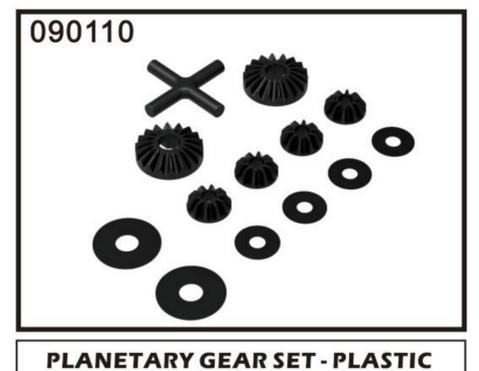
LOWER SUSPENSION HOLDER(RR)



OPTION ALU WHEEL HUB



PLANETARY GEAR SET - HARD COATED



PLANETARY GEAR SET - PLASTIC

1/10 ELECTRIC TOURING CAR



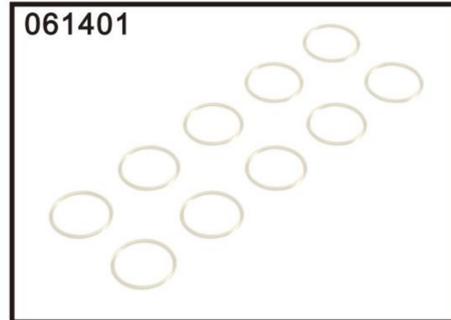
060702

SILICONE O-RING 7X2



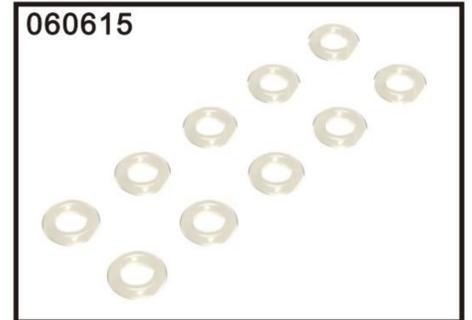
060902

SILICONE O-RING 9X2



061401

SILICONE O-RING 14X1



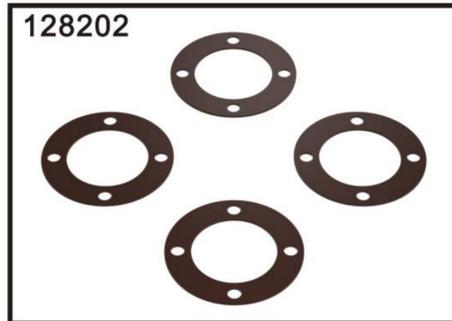
060615

SILICONE O-RING 6X1.5



127001

SHOCK ABSORBER MEMBRANES



128202

DIFF GASKEL



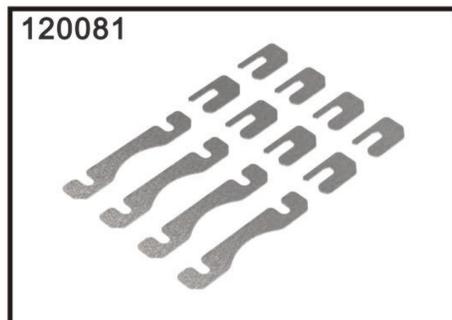
128115

Carbon Fiber



120200

OPTIONAL FLOATING SERVO MOUNT



120081

FRONT/REAR SUSPENSION SHIM SET 0.5mm



121011

COMPOSITE BUMPER



121022

REAR BODY MOUNT SET



121023

BODY SUPPORT



161024

REAR BODY MOUNT SET
71MM LENGHT



121031

COMPOSITE STEERING BLOCK



121032

COMPOSITE UPRIGHT REAR



121042

COMPOSITE C-HUB FRONT BLOCK 2 DEG



121044

COMPOSITE C-HUB FRONT BLOCK 4DEG



121061

REAR SUSPENSION ARM



121062

FRONT SUSPENSION ARM



121063

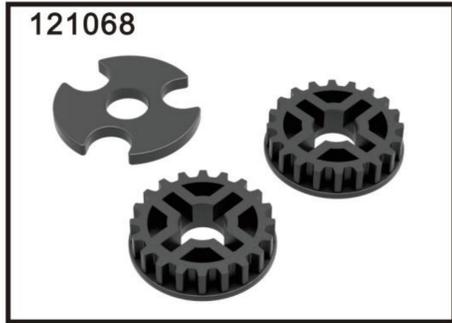
TIMING BELT PULLEY 38T



121068-WH

FIXED PULLEY 18T (POM)

1/10 ELECTRIC TOURING CAR



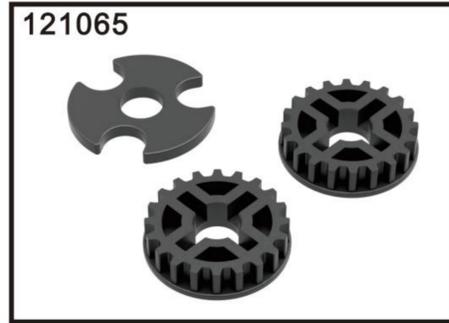
121068

FIXED PULLEY 18T



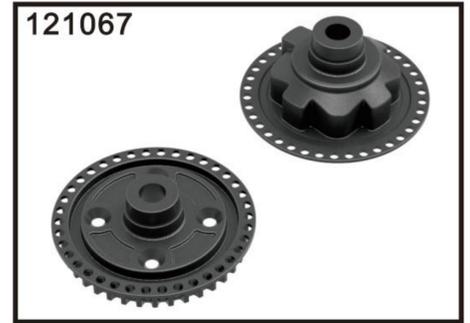
121065-WH

FIXED PULLEY 20T (POM)



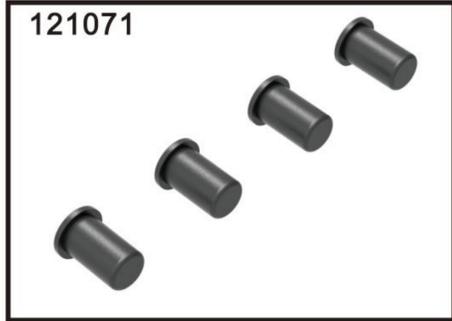
121065

FIXED PULLEY 20T



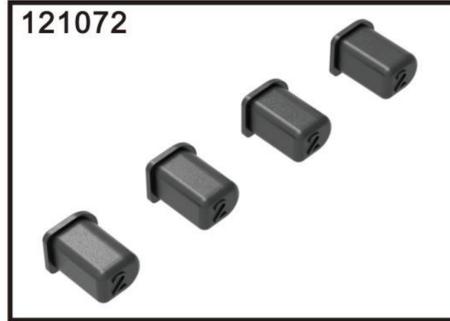
121067

COMPOSITE GEAR DIFF. CASE & COVER



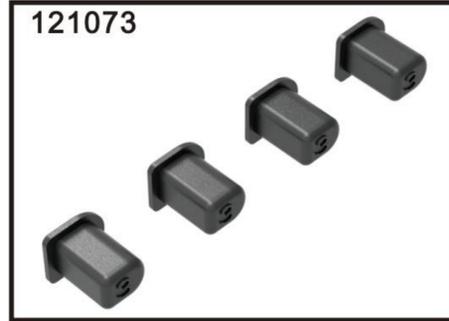
121071

FRONT SUSPENSION ECCENTRIC BUSHING



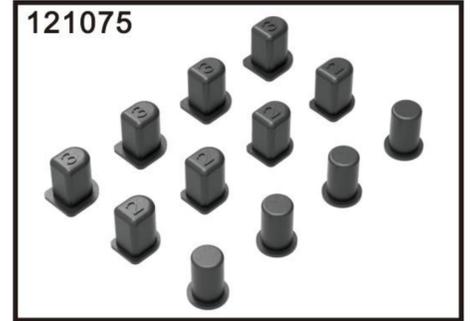
121072

REAR SUSPENSION ECCENTRIC BUSHING 2DEG



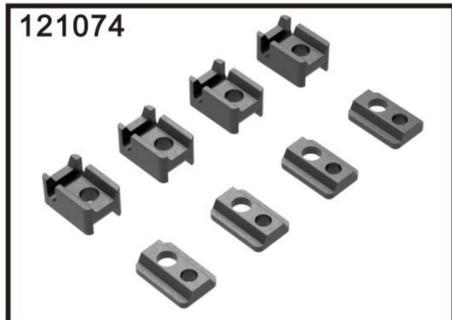
121073

REAR SUSPENSION ECCENTRIC BUSHING 3DEG



121075

COMPLETE SET ECCENTRIC BUSHING



121074

COMPOSITE ANTI-ROLL BAR HOLDERS



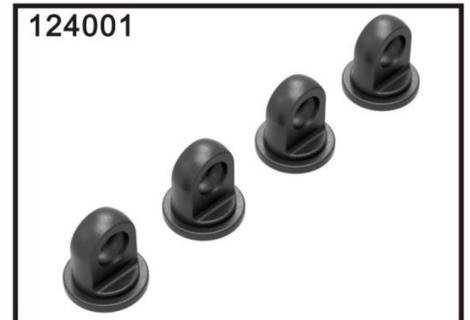
121095

STEERING PILLAR SUITE



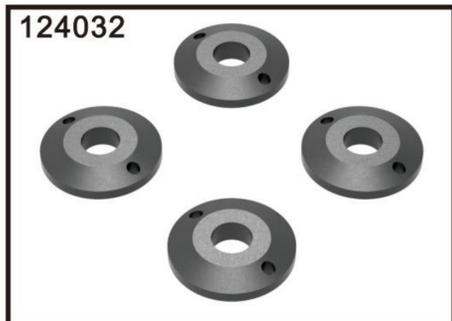
121096

COMPOSITE ADJUSTMENT BALL-BEARING HUB



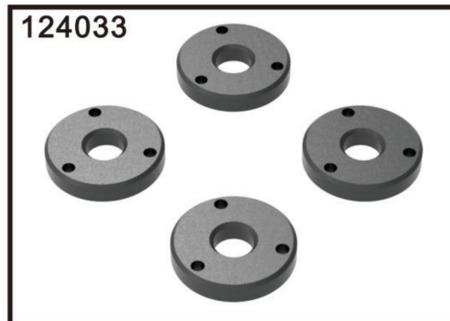
124001

SHOCK CAP



124032

COMPOSITE PISTONS TAPERED



124033

COMPOSITE PISTONS 3-HOLE



121049

COMPOSITE BALL JOINT 4.9MM OPEN



121058

SHOCK BALL JOINT



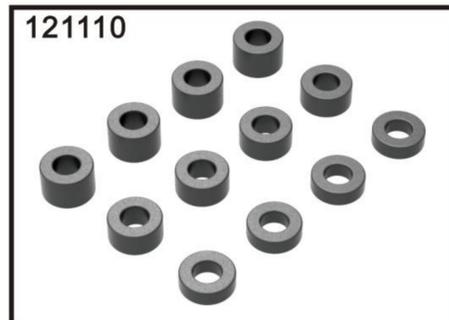
121149

BALL JOINT 5MM-SHORT OPEN



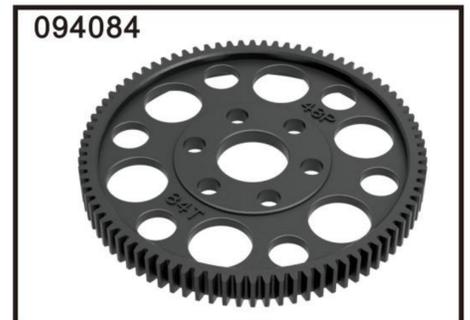
121249

COMPOSITE BALL JOINT 4.9MM- CLOSED WITH HOLE



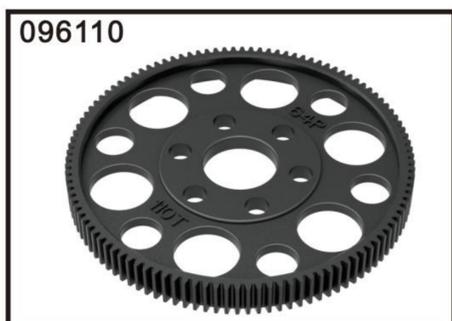
121110

COMPOSITE SHIM



094084

SPUR GEAR 84T/48P



096110

SPUR GEAR 110T/64P



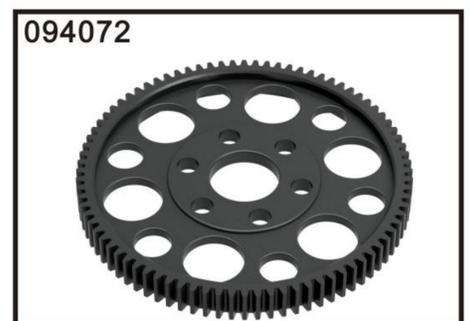
094084-WH

SPUR GEAR 84T/48P POM



096110-WH

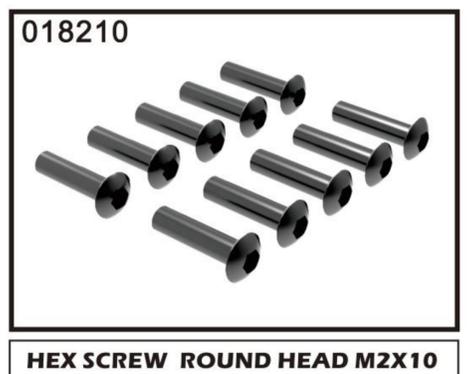
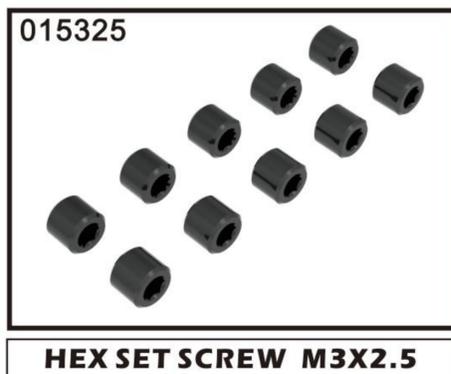
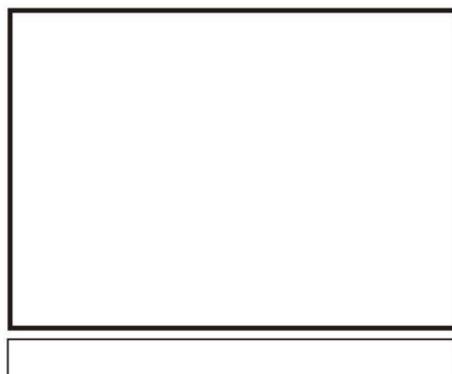
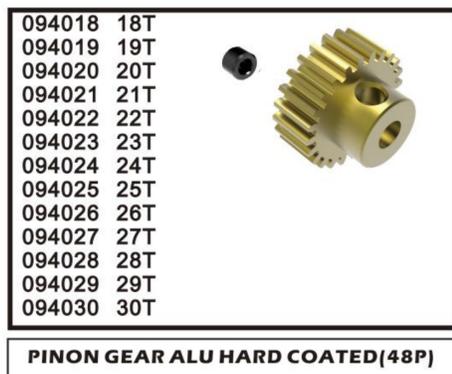
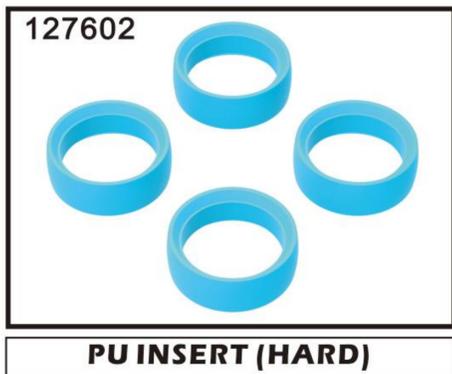
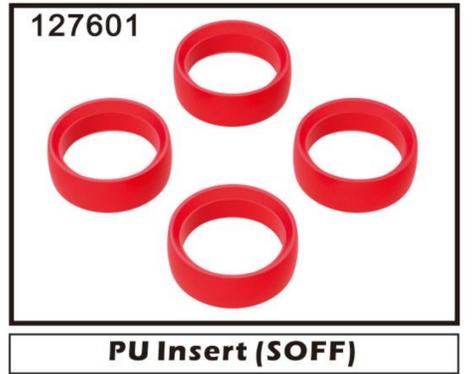
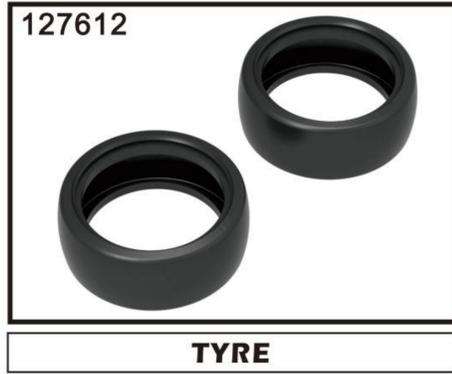
SPUR GEAR 110T/64P POM



094072

SPUR GEAR 72T/48P

1/10 ELECTRIC TOURING CAR

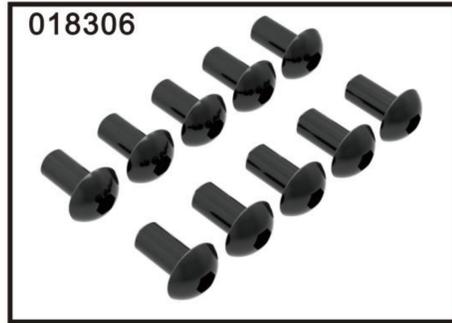


1/10 ELECTRIC TOURING CAR



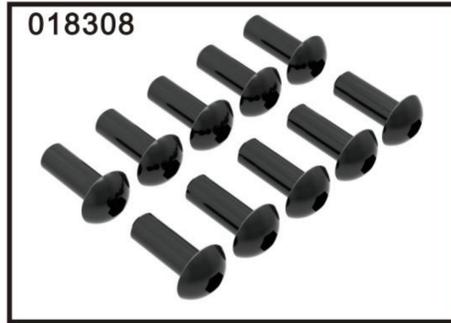
018304

HEX SCREW ROUND HEAD M3X4



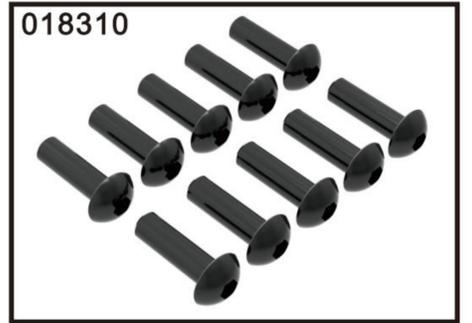
018306

HEX SCREW ROUND HEAD M3X6



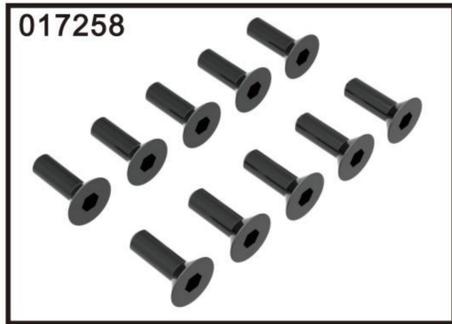
018308

HEX SCREW ROUND HEAD M3X8



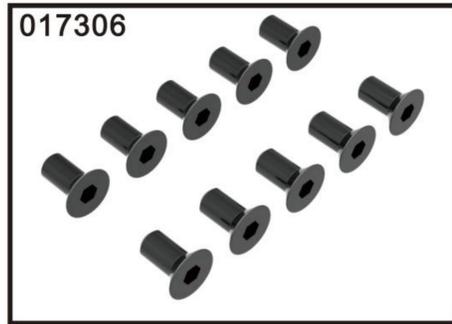
018310

HEX SCREW ROUND HEAD M3X10



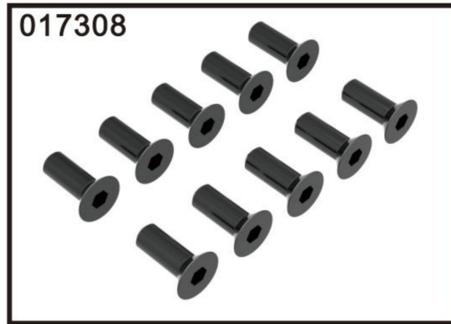
017258

HEX SCREW FLAT HEAD M2.5X8



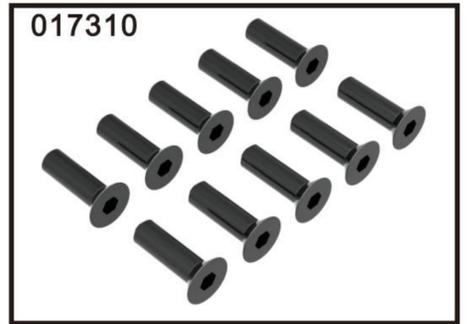
017306

HEX SCREW FLAT HEAD M3X6



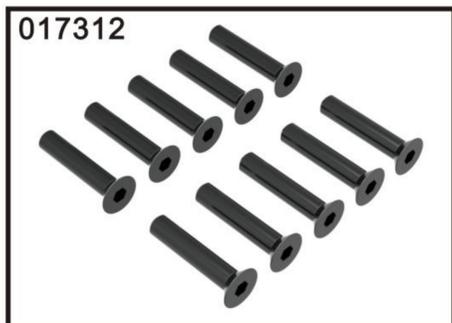
017308

HEX SCREW FLAT HEAD M3X8



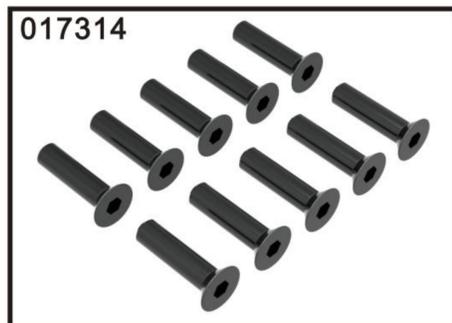
017310

HEX SCREW FLAT HEAD M3X10



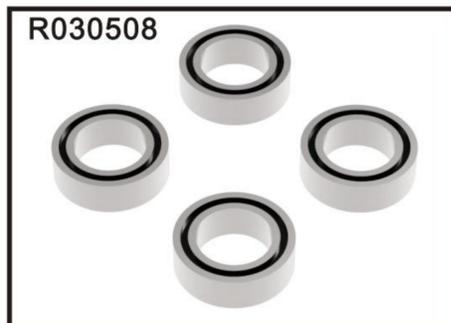
017312

HEX SCREW FLAT HEAD M3X12



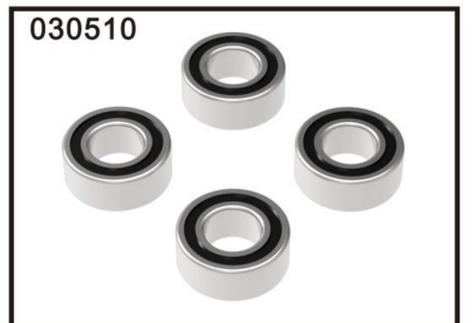
017314

HEX SCREW FLAT HEAD M3X14



R030508

BALL-BEARING 5X8X2.5



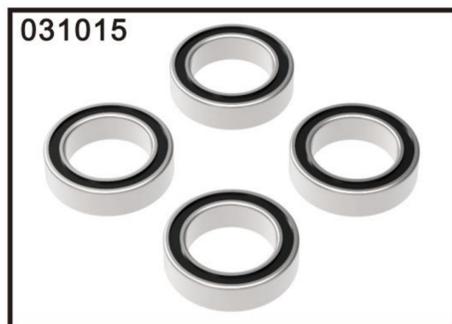
030510

BALL-BEARING 5X10X4



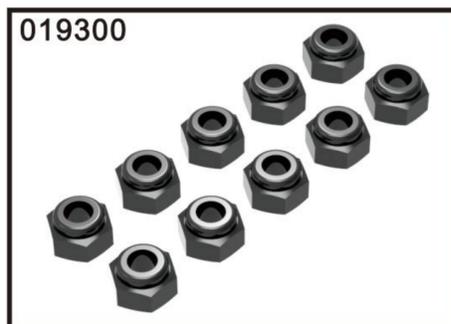
030612

BALL-BEARING 6X12X4



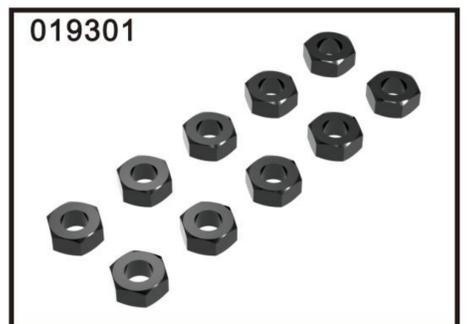
031015

BALL-BEARING 10X15X4



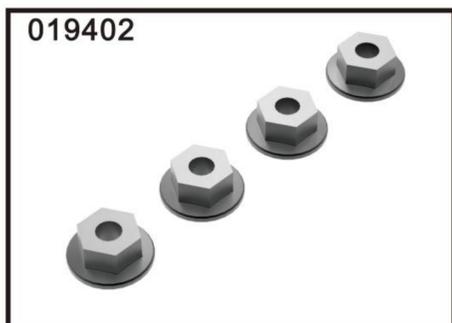
019300

NUT M3



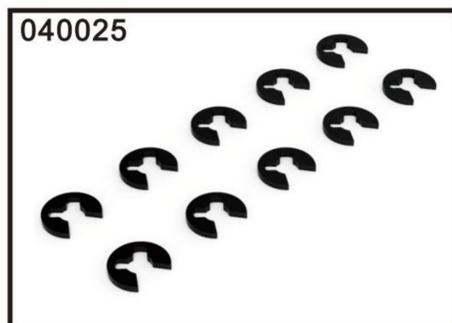
019301

NUT M3



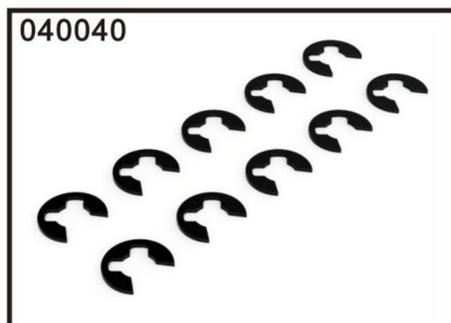
019402

ALU WHEEL LOCK NUT M4



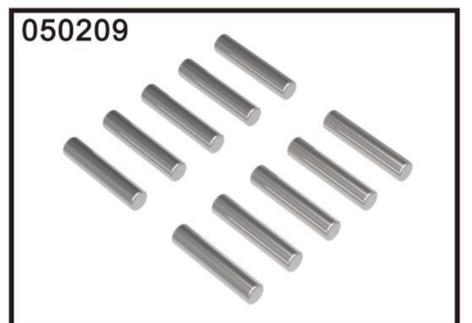
040025

E-CLIP 2.5



040040

E-CLIP 4



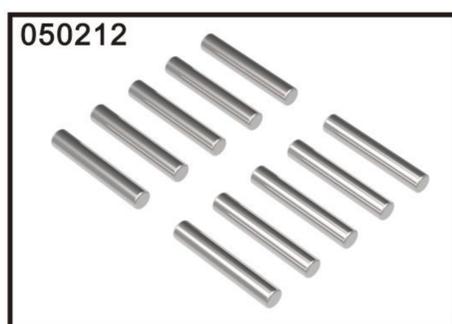
050209

PIN 2X9



050210

PIN 2X9.8



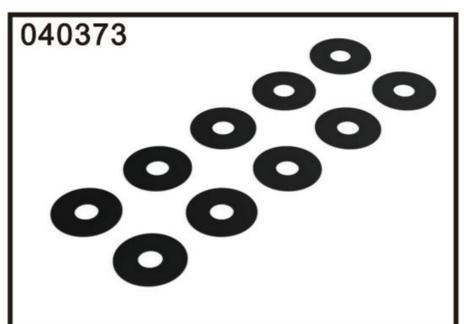
050212

PIN 2X12



050312

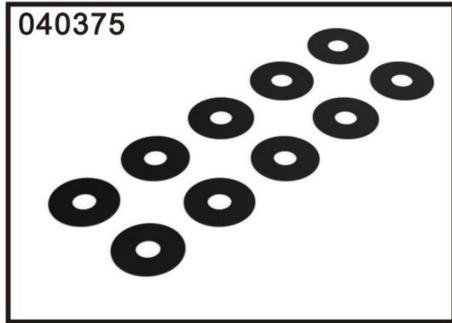
PIN 3X12



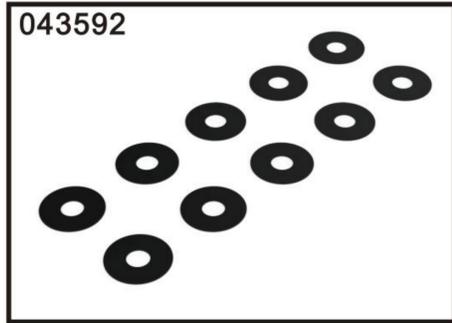
040373

WASHER S 3X7X0.3

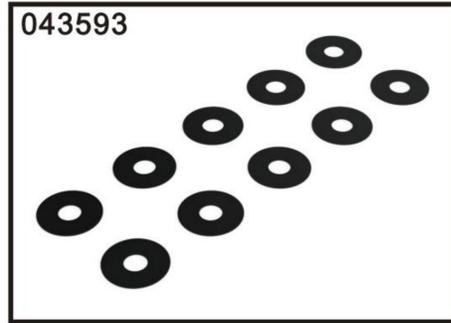
1/10 ELECTRIC TOURING CAR



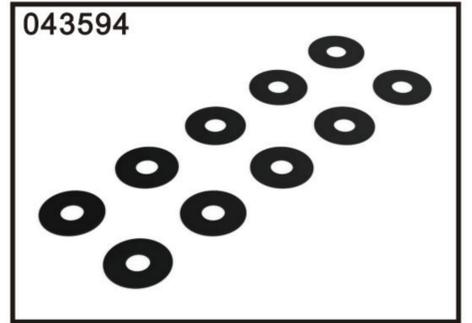
WASHER S 3X7X0.5



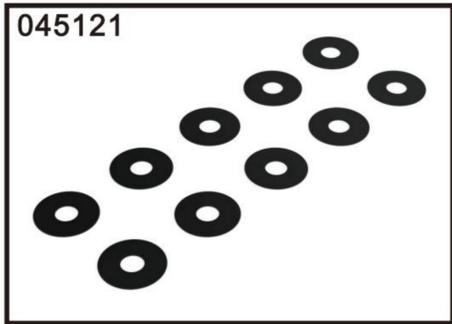
WASHER S 3.5X9X0.2



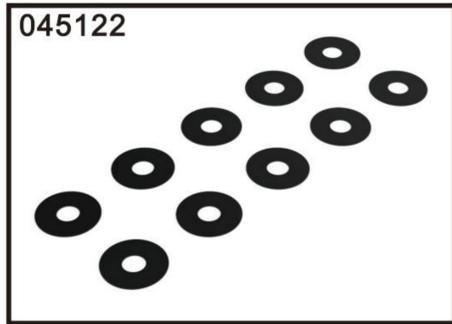
WASHER 3.5X9X0.3



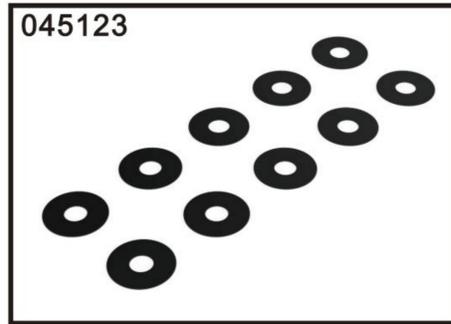
WASHER 3.5X9X0.4



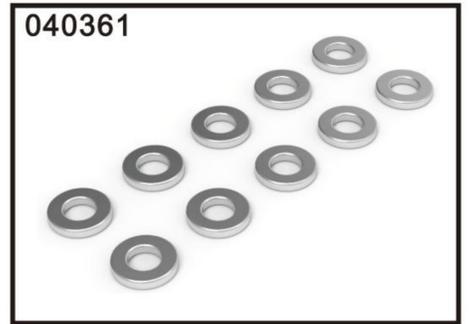
WASHER 5X12X0.1



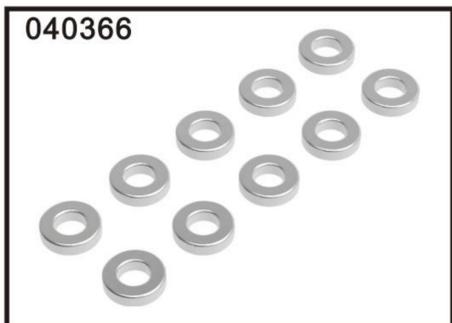
WASHER 5X12X0.2



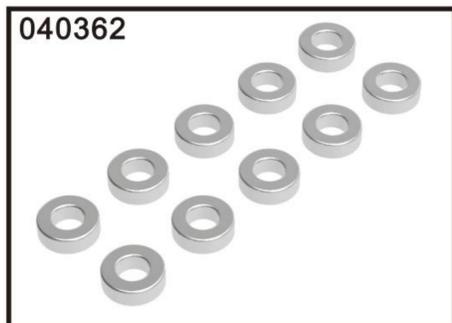
WASHER 5X12X0.3



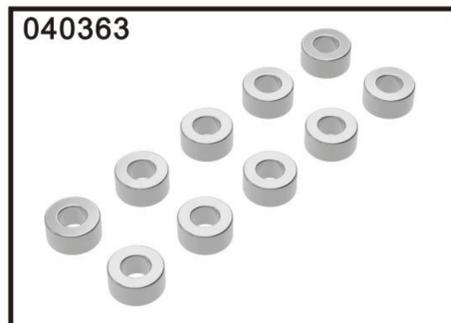
ALU WASHER 3X6X1



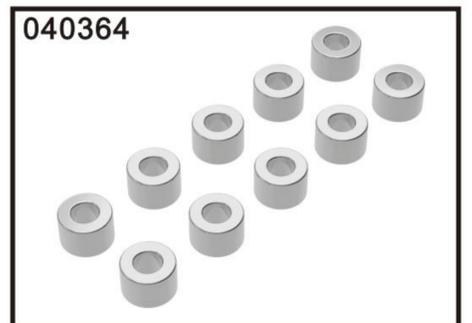
ALU WASHER 3X6X1.5



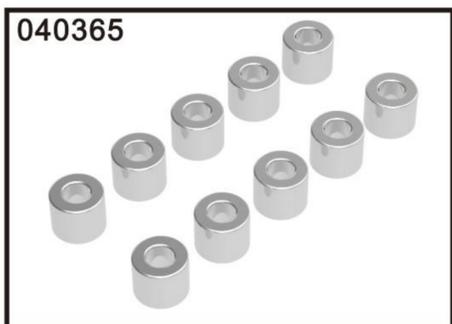
ALU WASHER 3X6X2



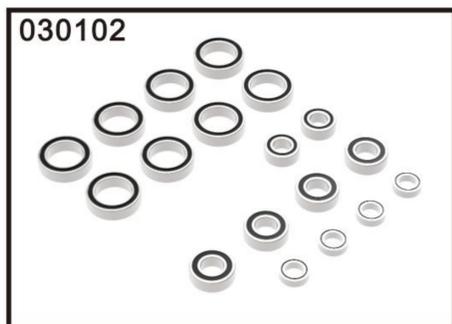
ALU WASHER 3X6X3



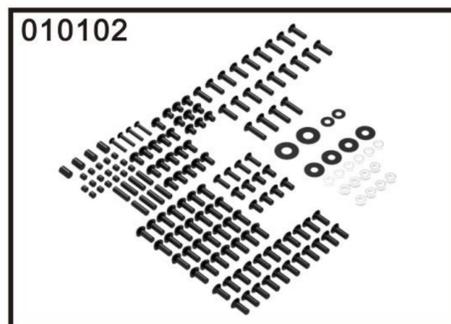
ALU WASHER 3X6X4



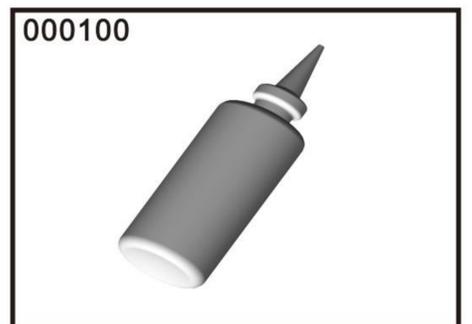
ALU WASHER 3X6X5



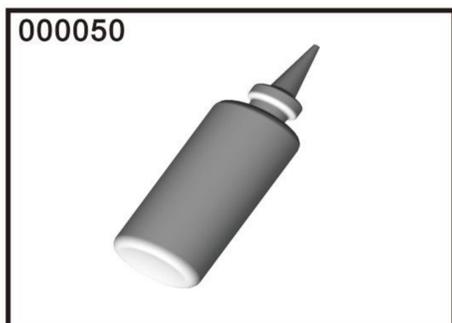
WHOLE VEHICLE BEARING



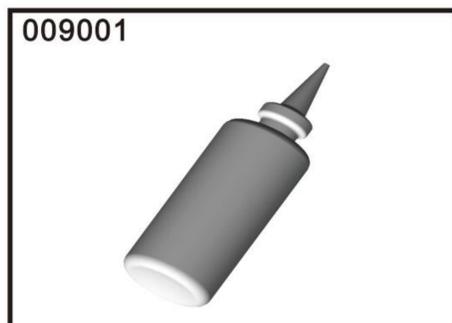
WHOLE CAR SCREW



THE DIFFERENTIAL OIL



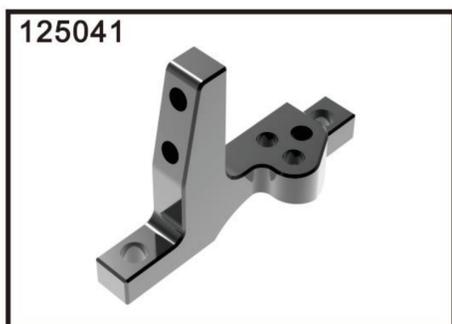
SHOCK ABSORBER OIL



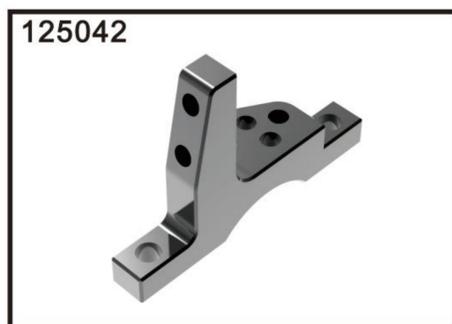
GRAPHITE OIL



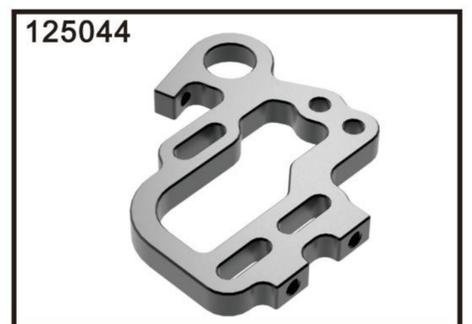
ALU. BULKHEAD



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



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



ALU. MOTOR MOUNT PLATE

1/10 ELECTRIC TOURING CAR



125045

ALU. SPUR GEAR SHAFT MOUNT



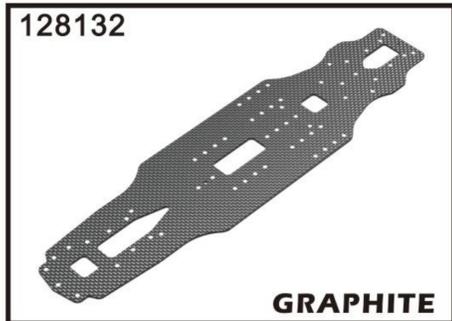
125046

ALU. STEERING MOUNT HOLDER



125047

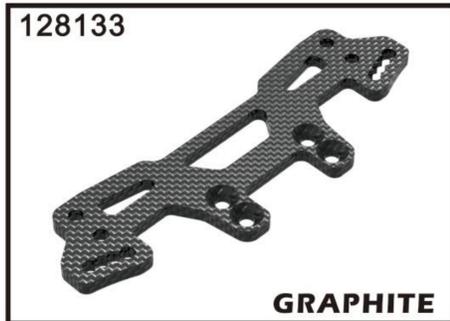
ALU. STEERING PLATE



128132

GRAPHITE

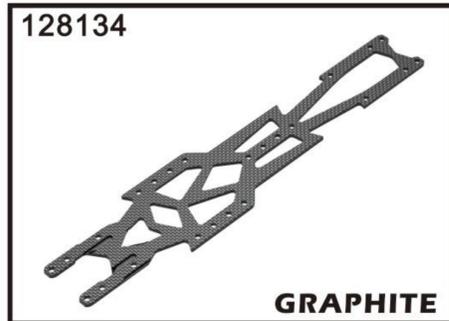
CHASSIS



128133

GRAPHITE

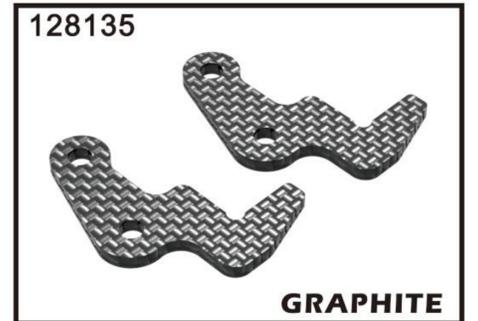
FRONT SHOCK TOWER



128134

GRAPHITE

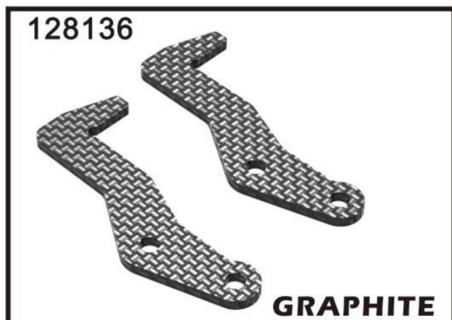
UPPER DECK



128135

GRAPHITE

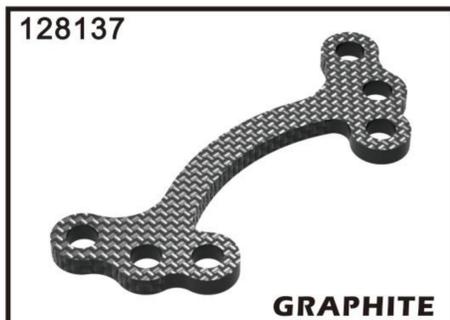
BATTERY HOLDER PLATE 96



128136

GRAPHITE

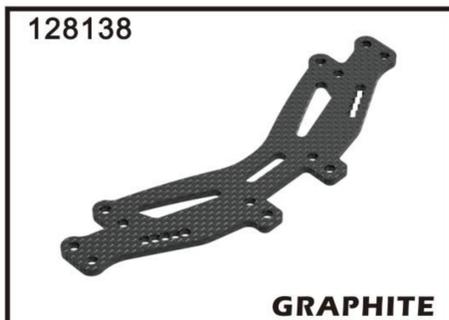
BATTERY HOLDER PLATE 139



128137

GRAPHITE

FAN MOUNT HOLDER



128138

GRAPHITE

REAR SHOCK TOWER



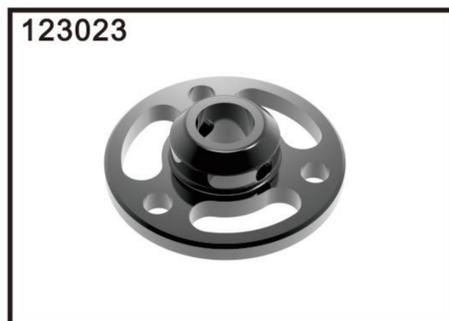
123021

PULLEY HOLDER COLLAR



123022

ALU. FRONT PULLEY SHAFT



123023

ALU. SPUR GEAR HOLDER



123024

ALU. STEERING SHAFT



123025

ALU. FRONT PULLEY SHAFT HOLDER



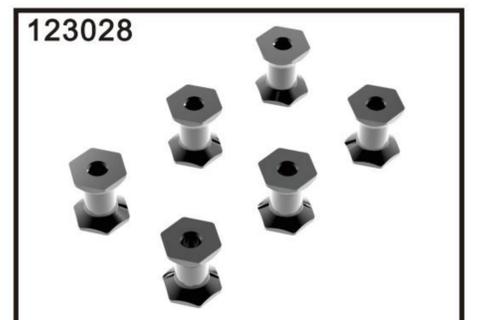
123026

BUMPER HOLDER COLLAR



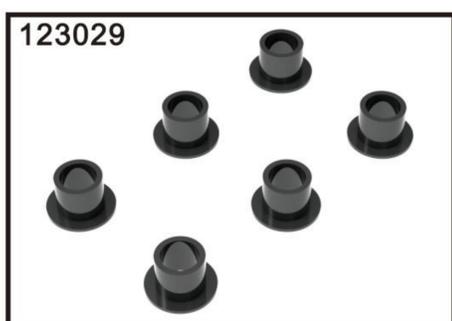
123027

BUMPER STANDOFF POST



123028

ALU. BATTERY STANDOFF POST



123029

BATTERY MOUNT SCREW BUSHING



123030

BATTERY MOUNT HANDLER



123031

ALU. CHASSIS STANDOFF POST



123032

COMPOSITE ANTI-ROLL BAR HOLDER

1/10 ELECTRIC TOURING CAR



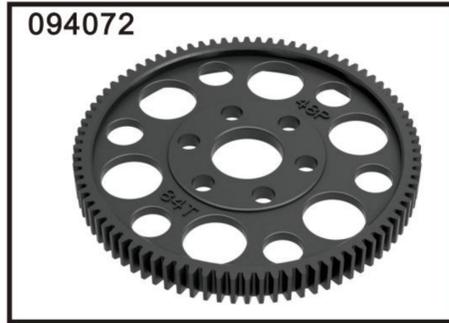
123033

BUMPER HEX SCREW



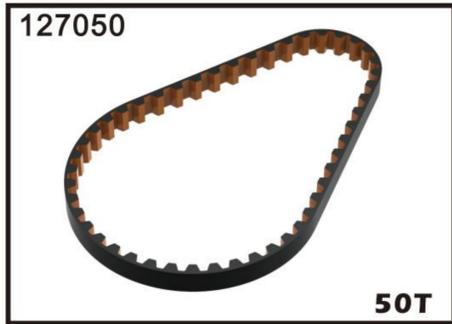
121086

SERVO MOUNT SET



094072

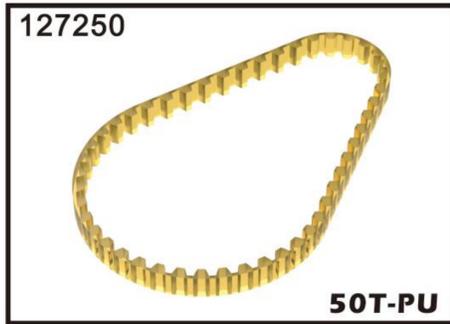
SPUR GEAR 72T/48P



127050

50T

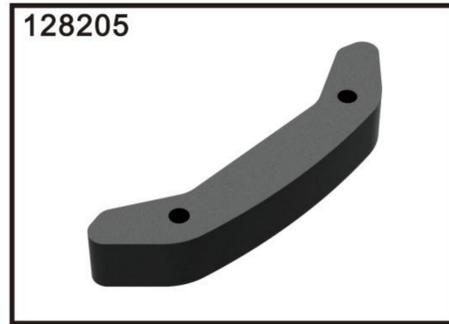
SYNCHRONOUS BELT SHORT



127250

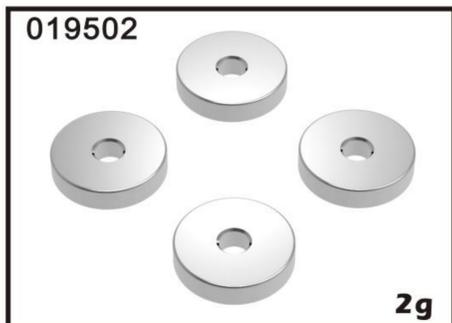
50T-PU

SYNCHRONOUS BELT SHORT



128205

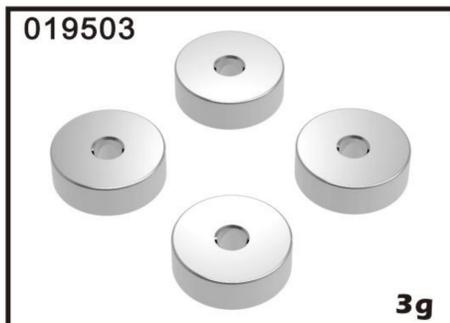
FOAM BUMPER



019502

2g

ROUND SHAPE BALANCE WEIGHT



019503

3g

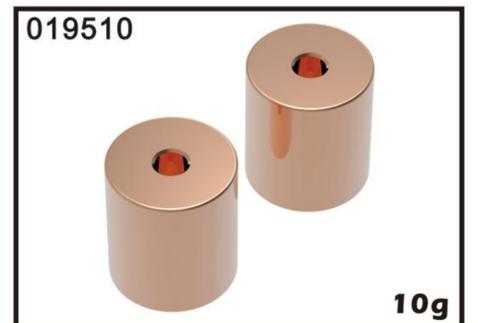
ROUND SHAPE BALANCE WEIGHT



019505

5g

ROUND SHAPE BALANCE WEIGHT



019510

10g

ROUND SHAPE BALANCE WEIGHT

