

FFW4

DOLPHIN

1/10 ELECTRIC 2WD CAR KIT
Instruction Manual





INTRODUCTION:

MTS-FFV4 PRO is a professional 1:10 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.
- ⊙ Pay attention to the safe use of tools and sharp tools, and pay attention to some parts with sharp edges when building vehicles.
- ⊙ 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 ~ 15minutes 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) :

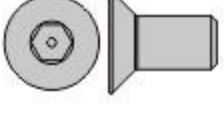


Radio transmitter & receiver	Battery for transmitter
Electronic speed control	Steering Servo
540 Type brushes or brushless motor	Pinion Gear (48pitch/64pitch)
190mm body shell	7.4V Nimh or Lipo Battery
Touring Car Tire set	Battery charger

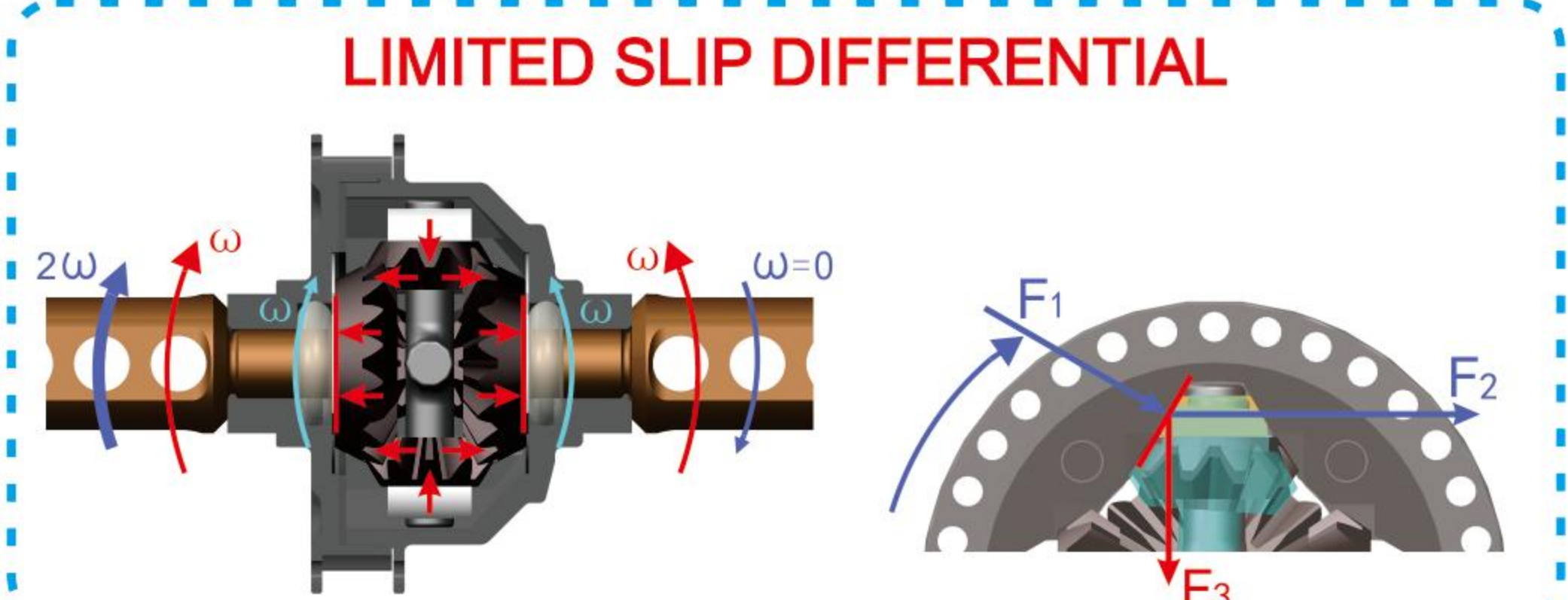
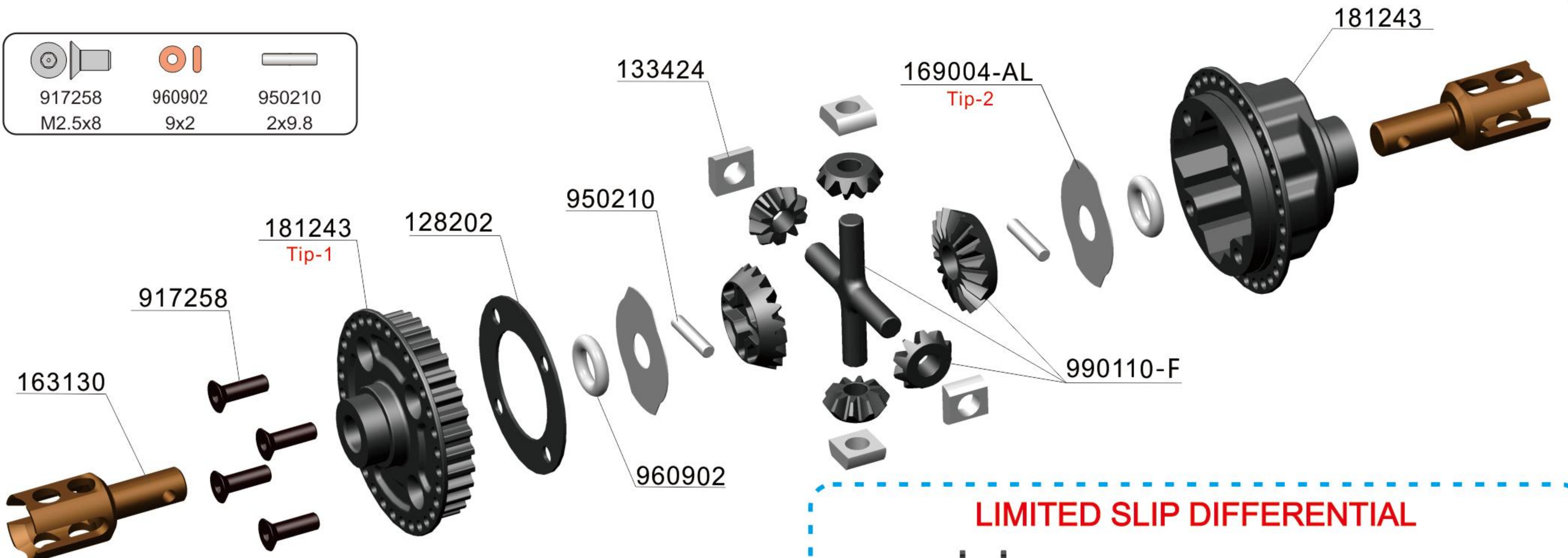
Tools Needed (not included):


1.5mm, 2.0mm, 2.5mm, 3.0mm 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/www.sn-rc.com and can be purchased from local hobby shop. If any further information needed, please email to enquiry@rc-explorer.com.

FFV4

		
917258 M2.5x8	960902 9x2	950210 2x9.8



Tip-1	BELT PULLEY
181243-AL	ALU MINIMUM (32T)
	

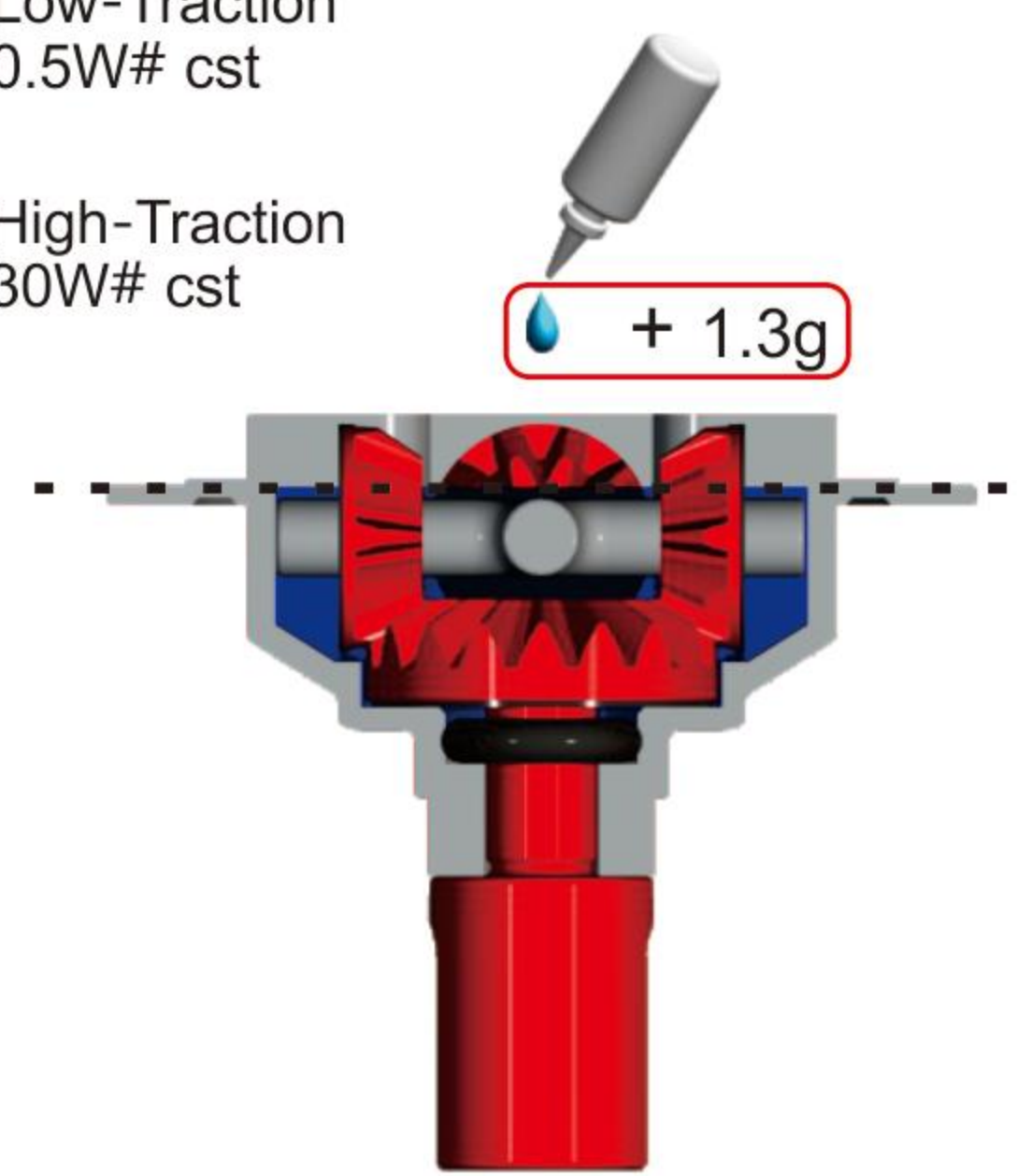
Tip-2	ANTI-SLIP WASHER
169004-AL	ALU MINIMUM (26, 0.4mm)
169005-AL	ALU MINIMUM (26, 0.5mm)
169004-F	SUS MINIMUM (26, 0.4mm)
169005-F	SUS MINIMUM (26, 0.5mm)

163130	UNIVERSAL CVD DRIVE SHAFT-SPRING STEEL 10x3.1 S2
181243	COMPOSITE GEAR DIFF CASE & PULLEY COVER (32T)
128202	DIFF GASKET 26mm
133424	GEAR DIFF ANTI-SLIP PLATE
990110-F	PLANETARY GEAR SET-STEEL
169004-AL	ALUMINIUM ANTI-SLIP WASHER (26, 0.4MM)

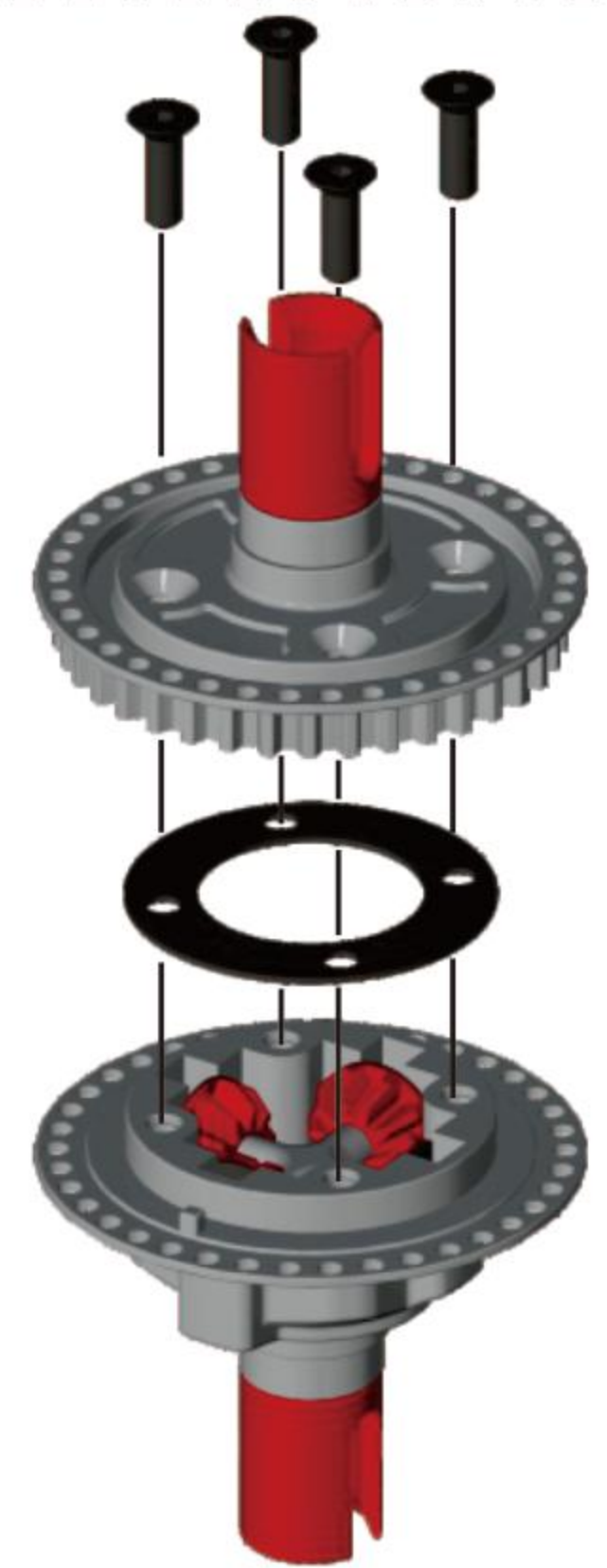



Low-Traction
0.5W# cst

High-Traction
30W# cst



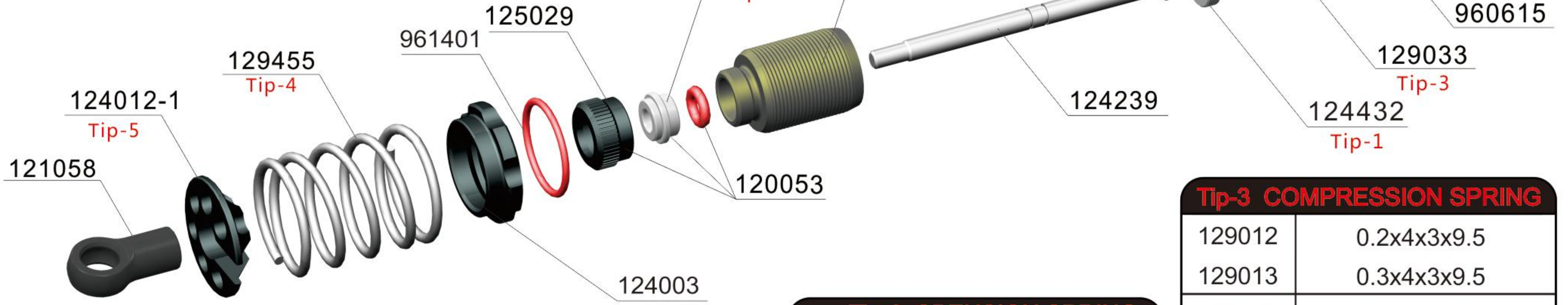
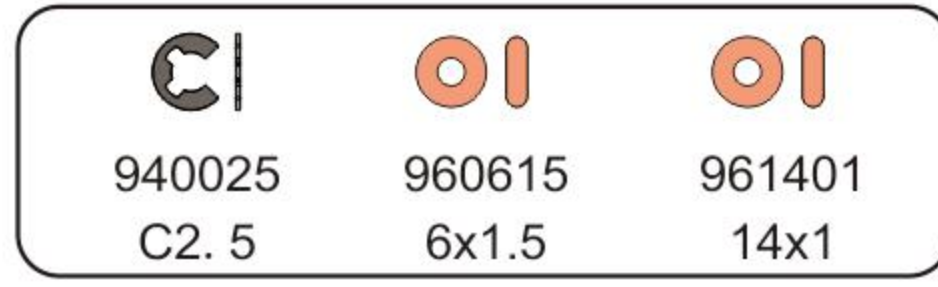
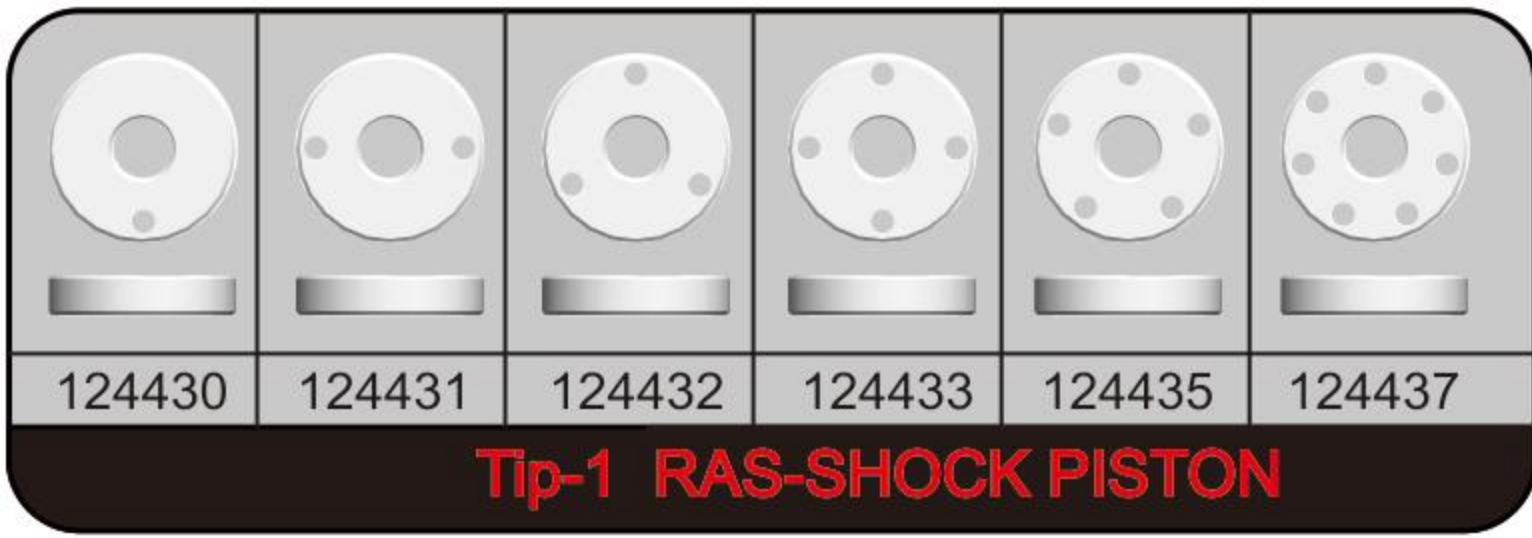
Add 1.3g of oil the diff.




951509 1.5x9

115531	THREE SECTION UNIVERSAL DRIVE SHAFT AXLE (SPRING STEEL)
115405	THREE SECTION UNIVERSAL DRIVE SHAFT CROSS JOINT 3.5x5.2mm
115910	THREE SECTION UNIVERSAL DRIVE SHAFT JOINT HOUSING (SPRING STEEL)
150410	THREE SECTION UNIVERSAL DRIVE SHAFT JOINT HOUSING C-CLIP
112038	38MM THREE SECTION UNIVERSAL DRIVE SHAFT (SPRING STEEL)- 3mm PIN

FFV4



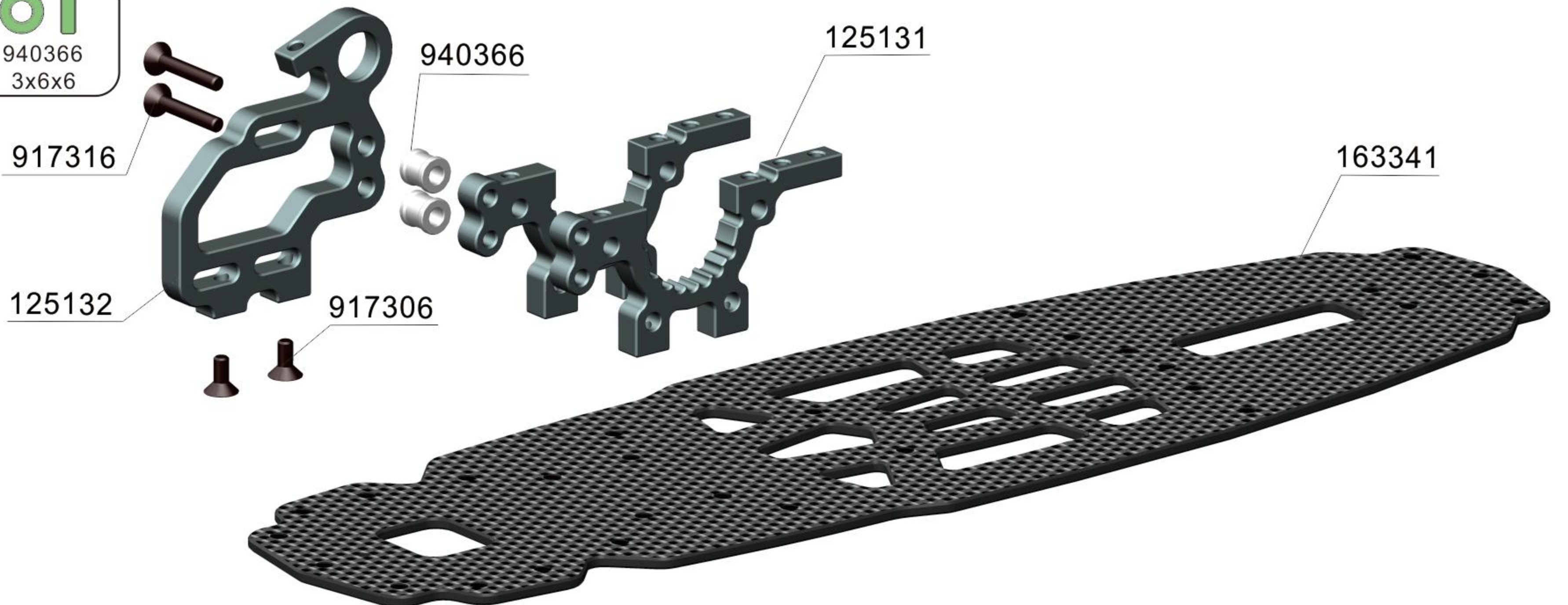
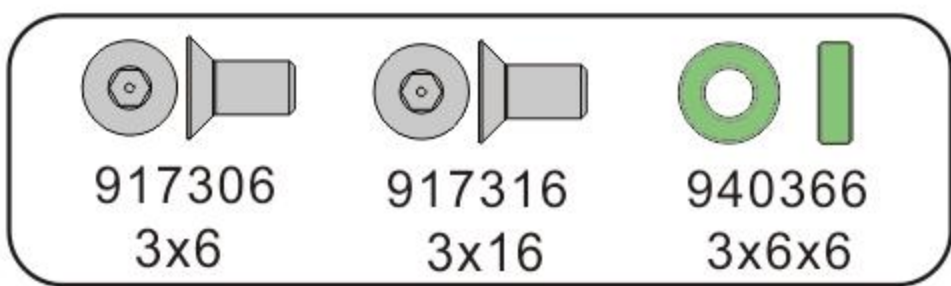
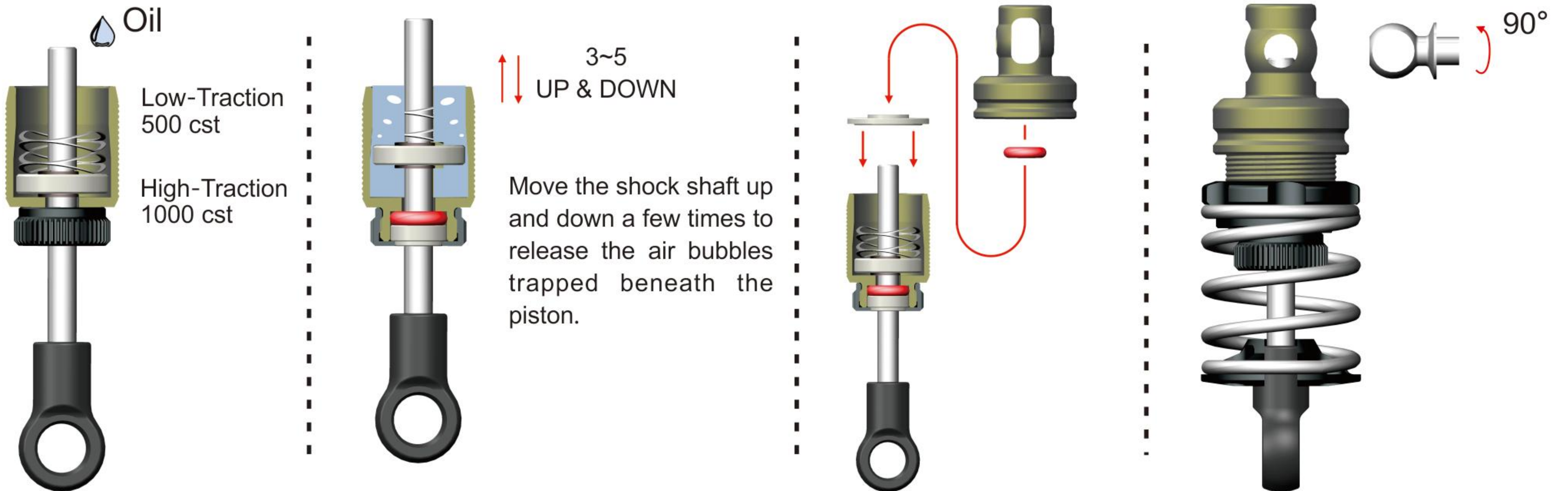
- 124201 ALU RAS- SHOCK CAP
- 124402 RAS-SHOCK TOP COVER
- 129023 MULTI-LOBE COMPRESSION SPRING 0.3x5.0x4x9.5
- 124239 RAS-SHOCK SHAFT 3X40mm
- 124318 RAS-SHOCK BODY 12X18mm
- 124403 RAS-SHOCK BOTTOM COVER 3.0x3.7mm
- 120053 ALU SHOCK BUTTOM CAP SET WITH ORING 3.7x3.0
- 124003 ALU-SUSPENSION SPRING RETAINER-12mm
- 129455 1.4x21x5.5 SUSPENSION SPRING SR 3.5KG
- 121058 SHOCK BALL JOINT 5.8x15.5mm
- 124012-1 SHOCK SPRING RETAINER LOW GRAVITY -1.0mm

Tip-2 SPENSION SPRING	
120065	HIGH SMOOTH-BL
120066	STANDARD-YE
120067	HIGH SEALING-WH

Tip-3 COMPRESSION SPRING	
129012	0.2x4x3x9.5
129013	0.3x4x3x9.5
129022	0.2x5x4x9.5
129023	0.3x5x4x9.5
129032	0.2x6.5x5x9.5
129033	0.3x6.5x5x9.5

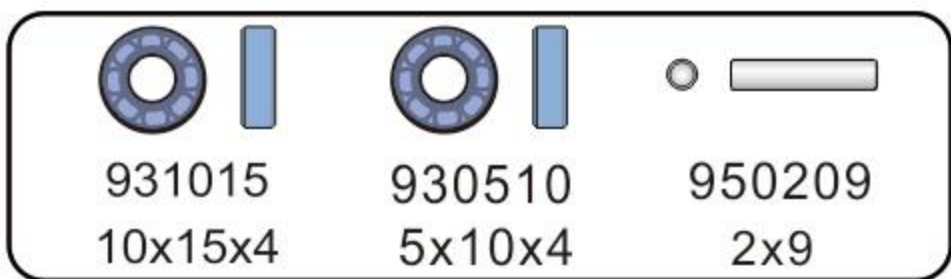
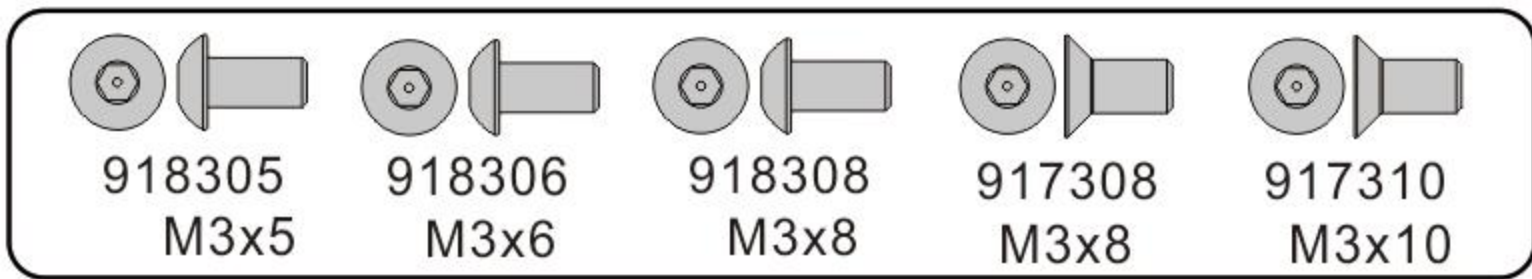
Tip-5 SPRING RETAINER	
124012-0	0 mm
124012-1	-1.0 mm
124012-2	-2.0 mm
124012-3	-3.0 mm

Tip-4 SPENSION SPRING	
129450	1.4x21x5.0 RD 4.0kg
129455	1.4x21x5.5 SR 3.5kg
129460	1.4x21x6.0 YE 3.0kg
129465	1.4x21x6.5 BL 2.5kg

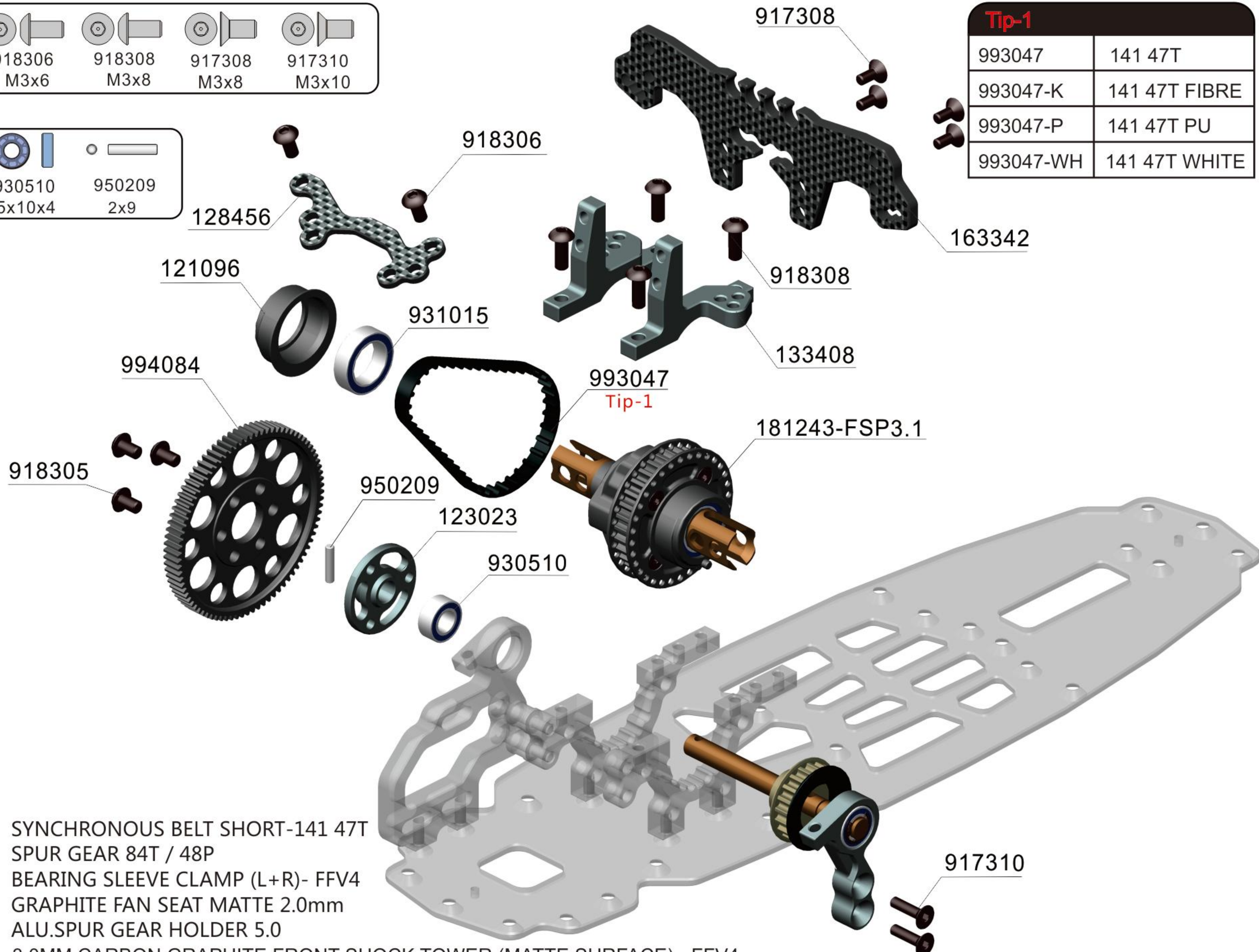


- 125131 ALU. FRONT BULKHEAD
- 125132 ALU. MOTOR MOUNT PLATE
- 163341 2.0MM CARBON GRAPHITE CHASSIS (MATTE SURFACE)-FFV4

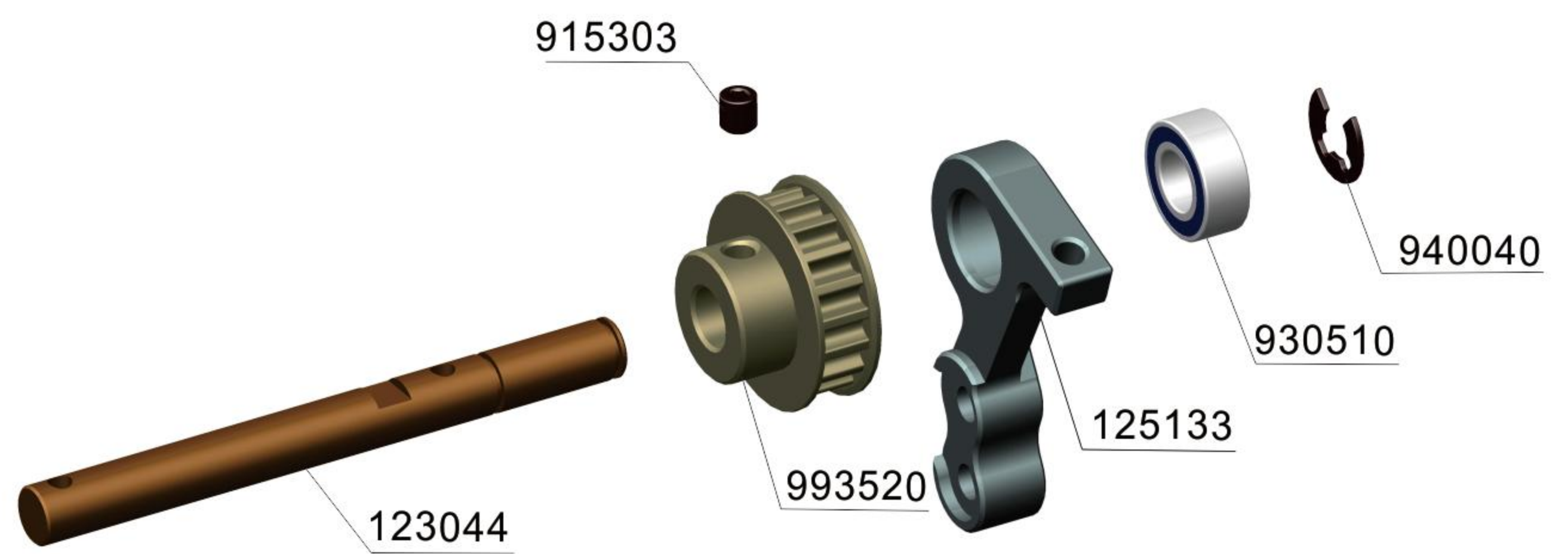
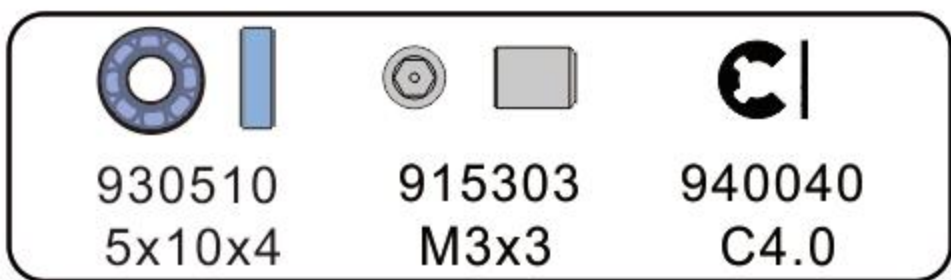
FFV4



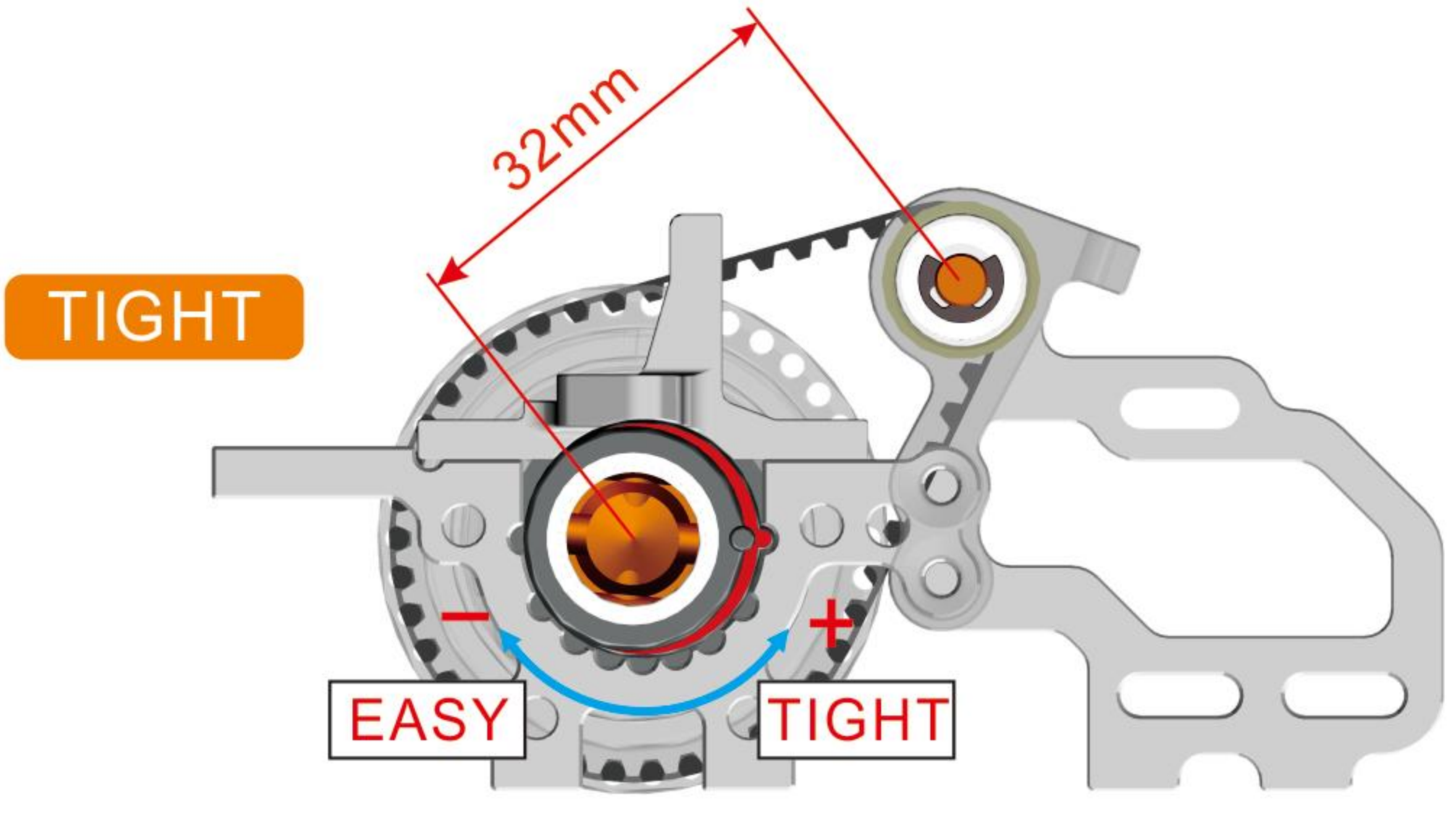
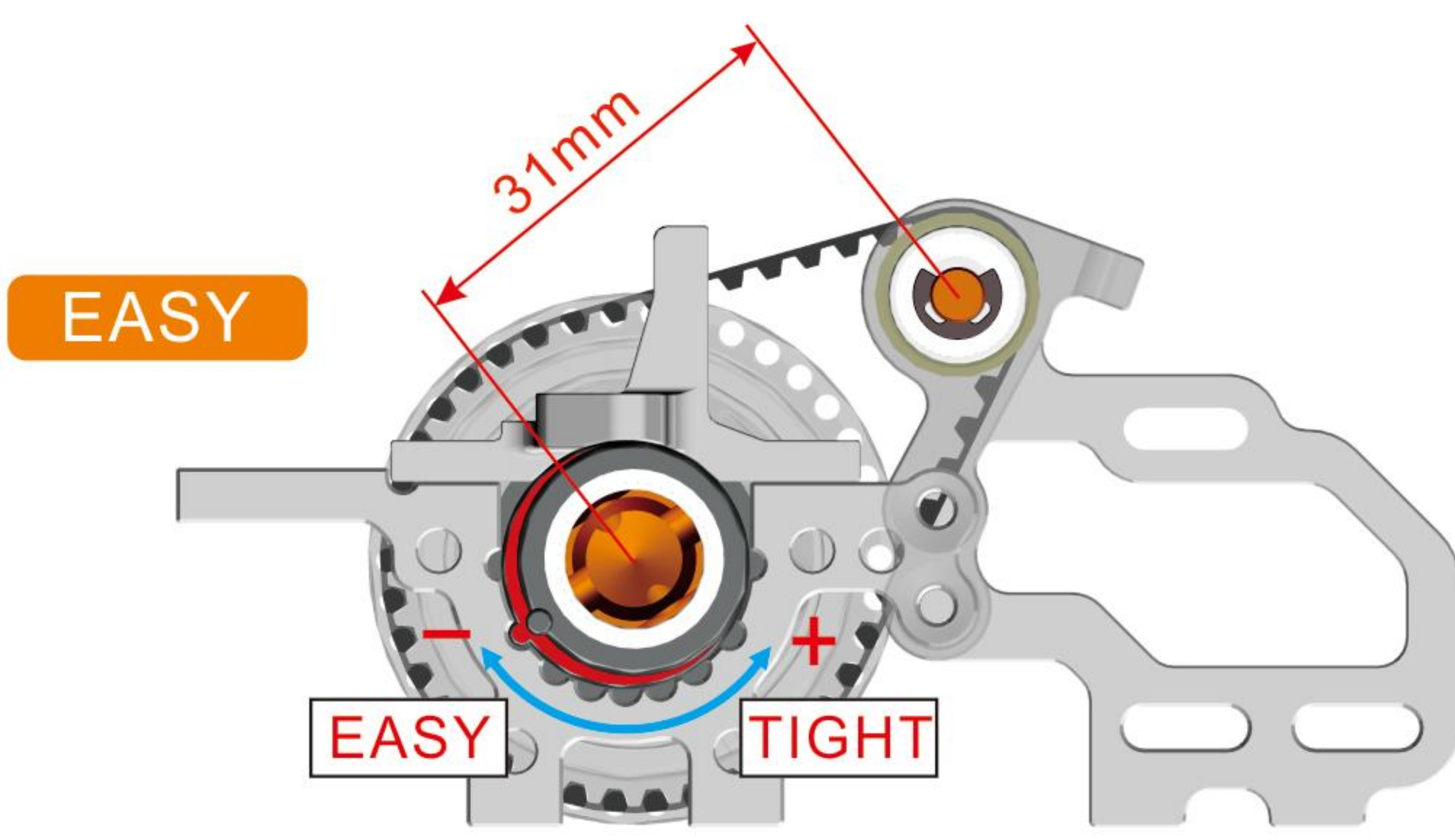
Tip-1	
993047	141 47T
993047-K	141 47T FIBRE
993047-P	141 47T PU
993047-WH	141 47T WHITE



- 993047 SYNCHRONOUS BELT SHORT-141 47T
- 994084 SPUR GEAR 84T / 48P
- 133408 BEARING SLEEVE CLAMP (L+R)- FFV4
- 128456 GRAPHITE FAN SEAT MATTE 2.0mm
- 123023 ALU.SPUR GEAR HOLDER 5.0
- 163342 3.0MM CARBON GRAPHITE FRONT SHOCK TOWER (MATTE SURFACE) - FFV4
- 181243-FSP3.1 GEAR DIFFERENTIAL (STEEL GEAR SET , PLASTIC CASING , 32T , CUP 3.1)

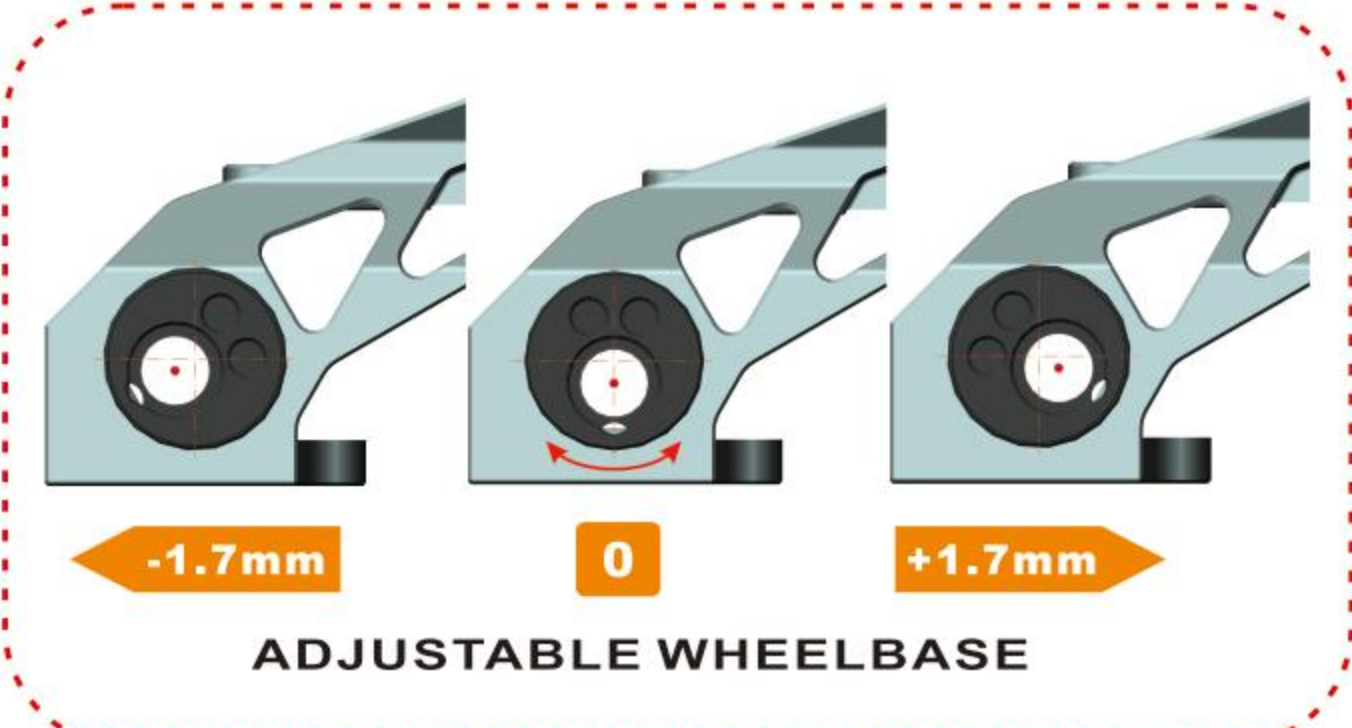


- 125133 ALU.SPUR GEAR SHAFT MOU
- 123044 53 x 5.0mm FRONT PULLEY SHAFT
- 993520 ALU.FIXED PULLEY(20T , 5.0mm THICKNESS)



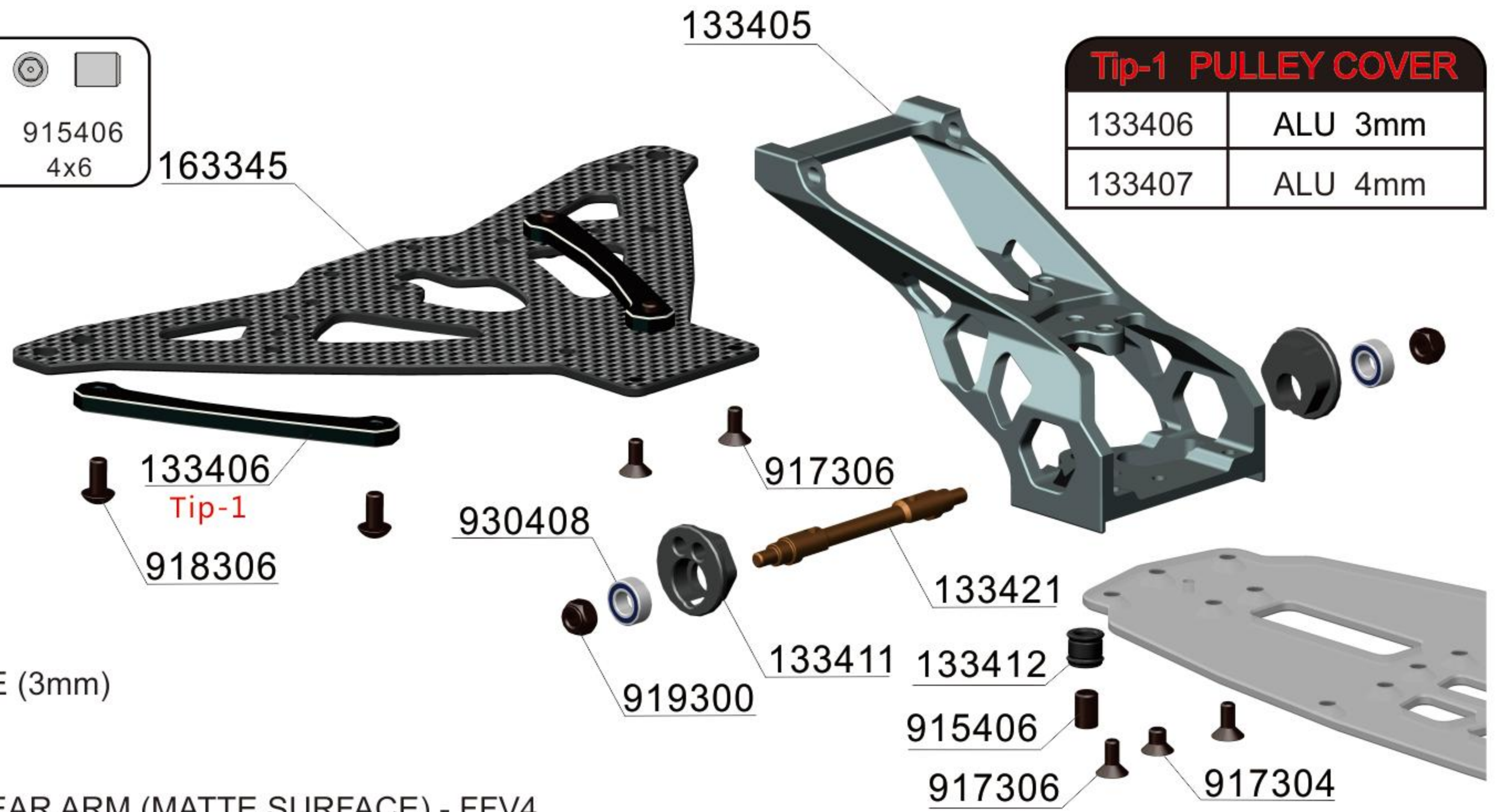
FFV4

918306	917304	917306	930408	919300	915406
M3x6	M3x4	M3x6	3X8X4	M3.0	4x6



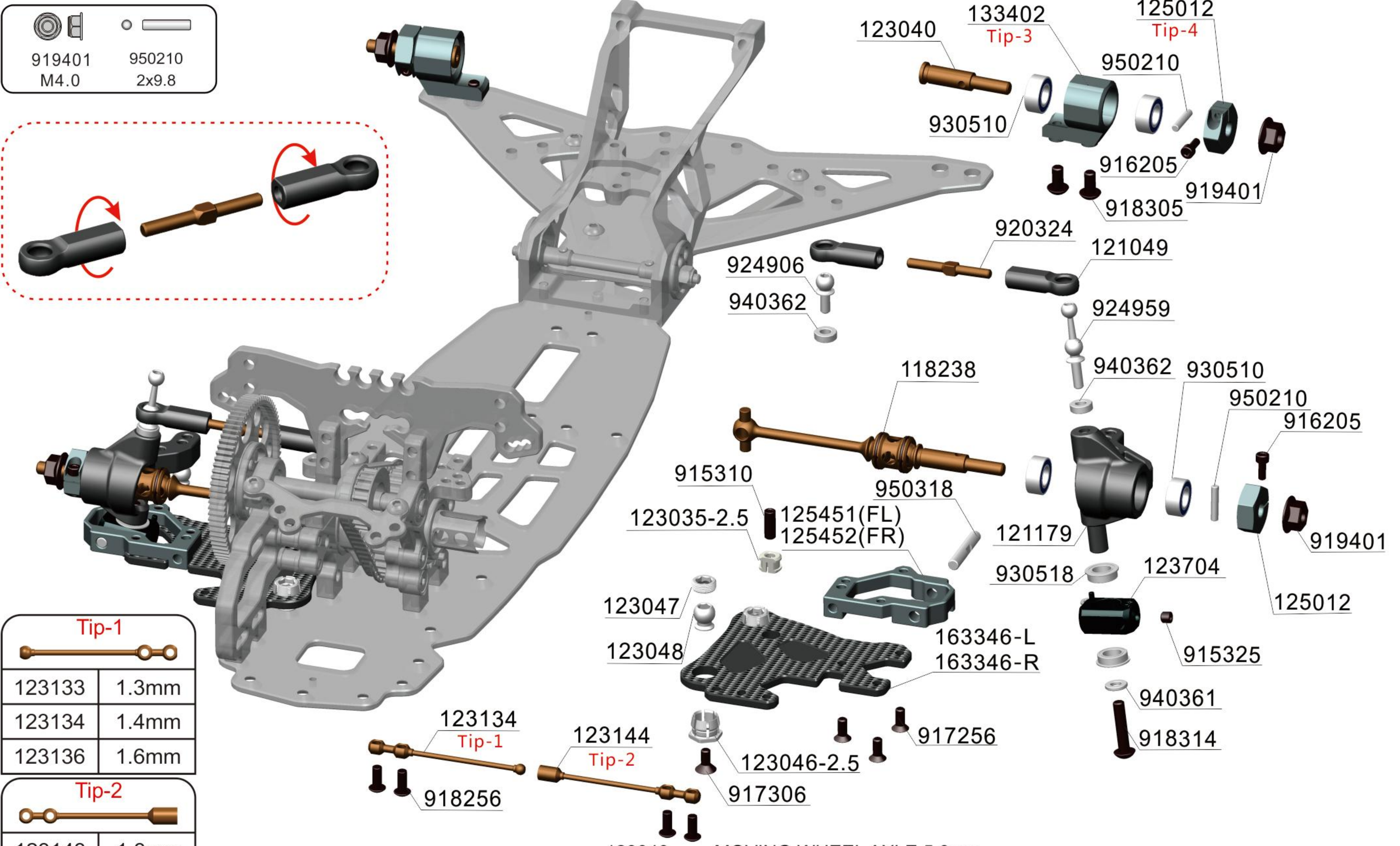
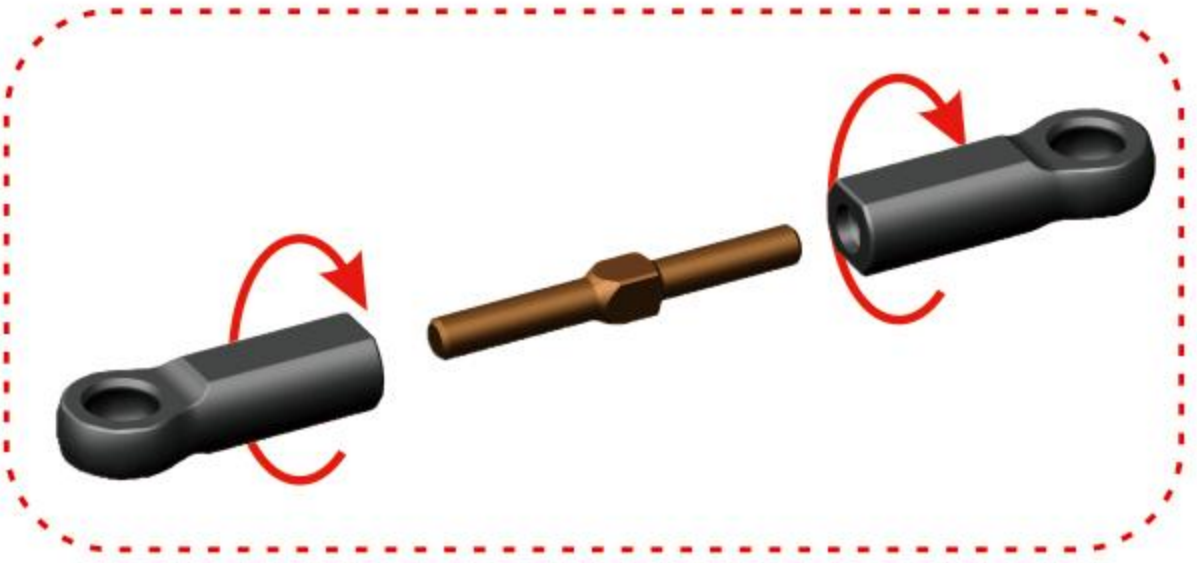
- 133405 INTEGRATED REAR ARM SUPPORTER
- 133406 REAR SIDE ANTI-ROLL STRENGTHEN PLATE (3mm)
- 133411 ANTI-ROLL SHAFT BUSHING
- 133421 REAR SIDE ANTI-ROLL SHAFT (S2)
- 163345 2.0mm CARBON GRAPHITE INTEGRATED REAR ARM (MATTE SURFACE) - FFV4

Tip-1 PULLEY COVER	
133406	ALU 3mm
133407	ALU 4mm



916205	915325	915310	917256	918256	917306	918305	918314	940361	940362	930510	930518
M2x5	M3x2.5	M3x10	M2.5x6	M2.5x6	M3x6	M3x5	M3x14	3x6x1	3x6x2	5x10x4	5x8x2.5-F

919401	950210
M4.0	2x9.8



Tip-1	
123133	1.3mm
123134	1.4mm
123136	1.6mm

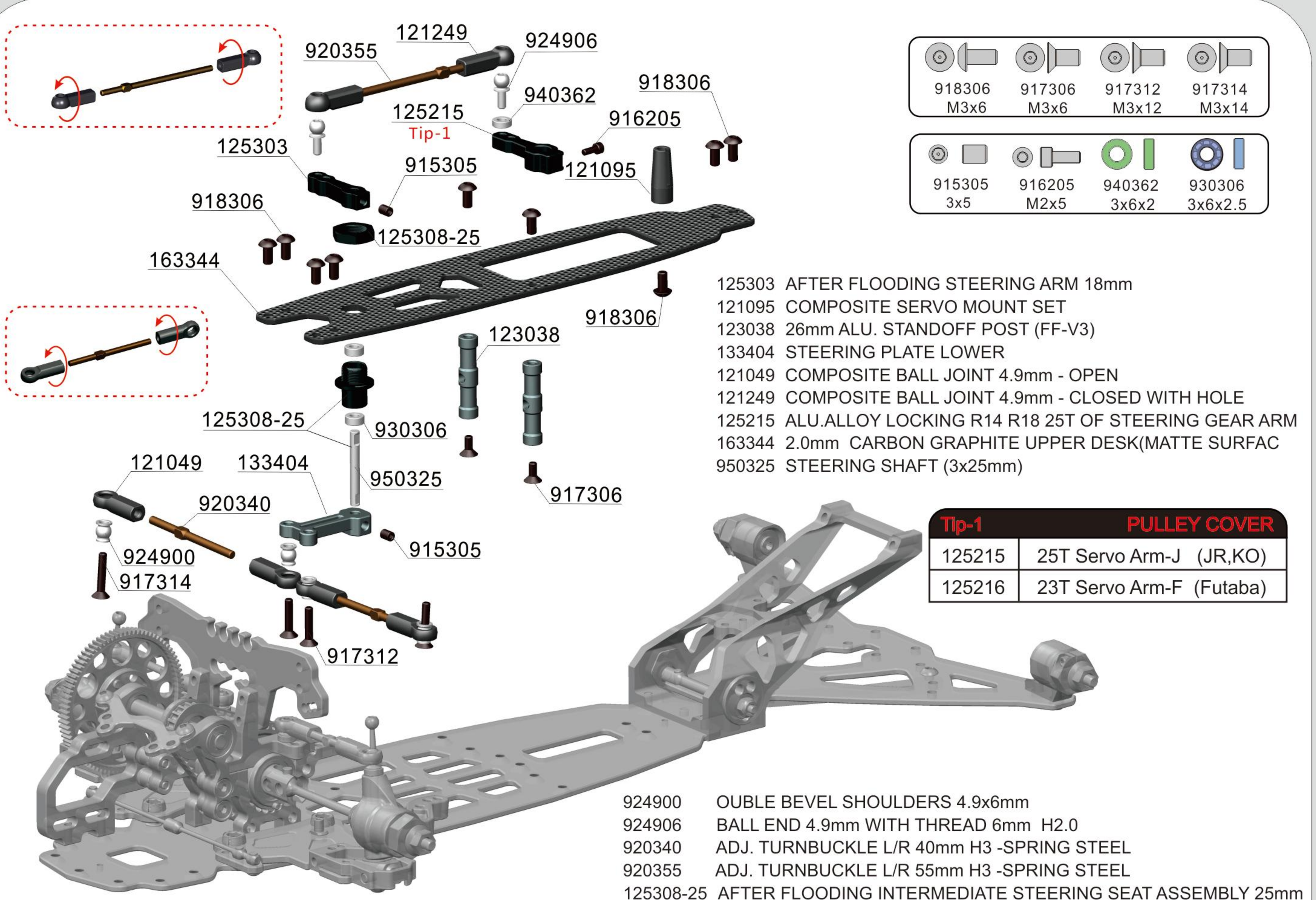
Tip-2	
123143	1.3mm
123144	1.4mm
123146	1.6mm

Tip-3	
133401	L/R 1°
133402	L/R 2°
133403	L/R 3°

Tip-4 WHEEL HUB	
125012	ALU 5+0mm
125012-1	ALU 5+1mm
125012-2	ALU 5+2mm
125012-3	ALU 5+3mm
125012-4	ALU 5+4mm

- 133402 REAR ARM UPRIGHT BLOCK (2 DEG) - FFV4
- 125012 OPTION ALU WHEEL HUB 12x5mm
- 121049 COMPOSITE BALL JOINT 4.9mm - OPEN
- 123134 1.4 ANTI ROLL BAR SHAFT 40
- 123144 1.4 ANTI ROLL BAR SHAFT HOLDER 40
- 123040 MOVING WHEEL AXLE 5.0mm
- 118238 38MM THREE SECTION OF ROD CVD UNIVERSAL JOINT(S2)- 3mm PIN
- 121179 TURN THE CUP AROUND 8°. THREE SECTION STICK USE
- 123704 STEERING BLOCK HOLDER (4 DEG)
- 125451 ALU. FRONT ARM JOINT HOLDER (L)
- 125452 ALU. FRONT ARM JOINT HOLDER (R)
- 123047 SUSPENSION ARM BALL JOINT HEX NUT M6.5
- 123048 BALL UNIVERSAL 5.8mm HEX (H3)
- 163346-L 2.5mm CARBON GRAPHITE FRONT ARM (L) - FFV4
- 163346-R 2.5mm CARBON GRAPHITE FRONT ARM (R) - FFV4
- 123035-2.5 SERVO MOUNT SCREW BUSHING 2.5mm
- 123046-2.5 SUSPENSION ARM BALL JOINT HOLDER 2.5mm
- 924906 BALL END 4.9mm WITH THREAD 6mm H2.0
- 920324 ADJ. TURNBUCKLE L/R 24mm - SPRING STEEL
- 924959 DOUBLE BALL END 4.9 M3x8mm 16 THREAD BODY SUPPORTER(H2.0)

FFV4



918306 M3x6	917306 M3x6	917312 M3x12	917314 M3x14
915305 3x5	916205 M2x5	940362 3x6x2	930306 3x6x2.5

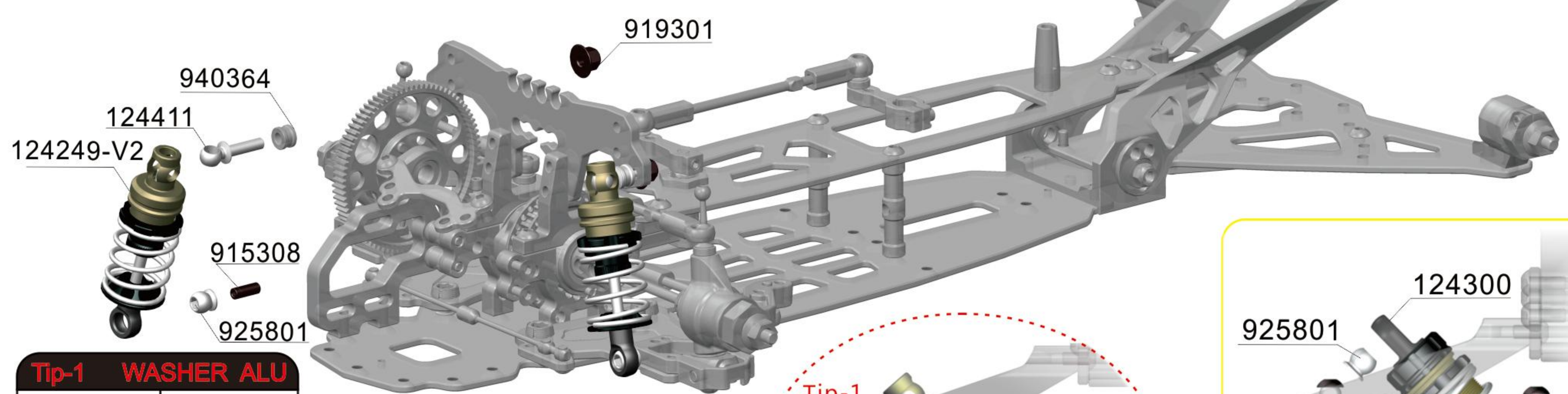
- 125303 AFTER FLOODING STEERING ARM 18mm
- 121095 COMPOSITE SERVO MOUNT SET
- 123038 26mm ALU. STANDOFF POST (FF-V3)
- 133404 STEERING PLATE LOWER
- 121049 COMPOSITE BALL JOINT 4.9mm - OPEN
- 121249 COMPOSITE BALL JOINT 4.9mm - CLOSED WITH HOLE
- 125215 ALU.ALLOY LOCKING R14 R18 25T OF STEERING GEAR ARM
- 163344 2.0mm CARBON GRAPHITE UPPER DESK(MATTE SURFAC
- 950325 STEERING SHAFT (3x25mm)

Tip-1 PULLEY COVER	
125215	25T Servo Arm-J (JR,KO)
125216	23T Servo Arm-F (Futaba)

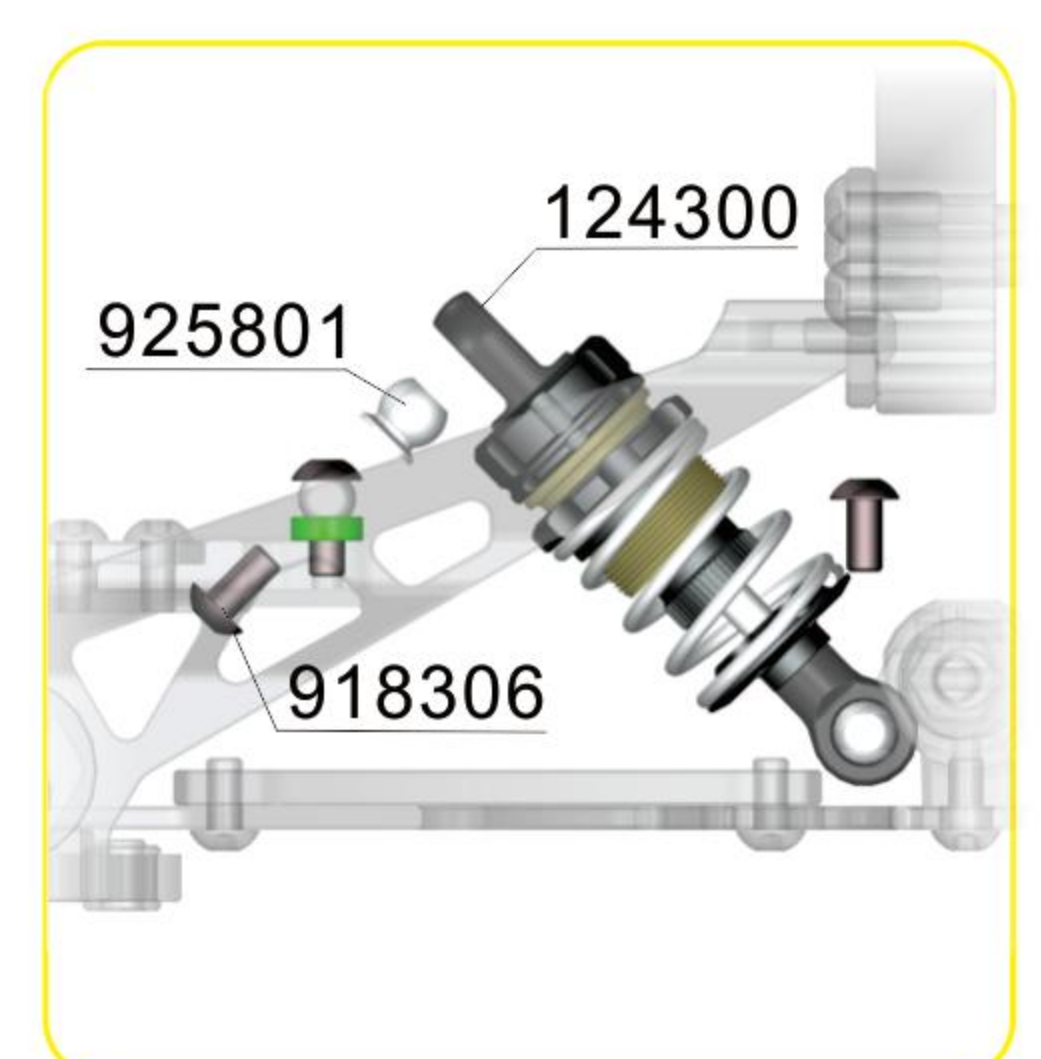
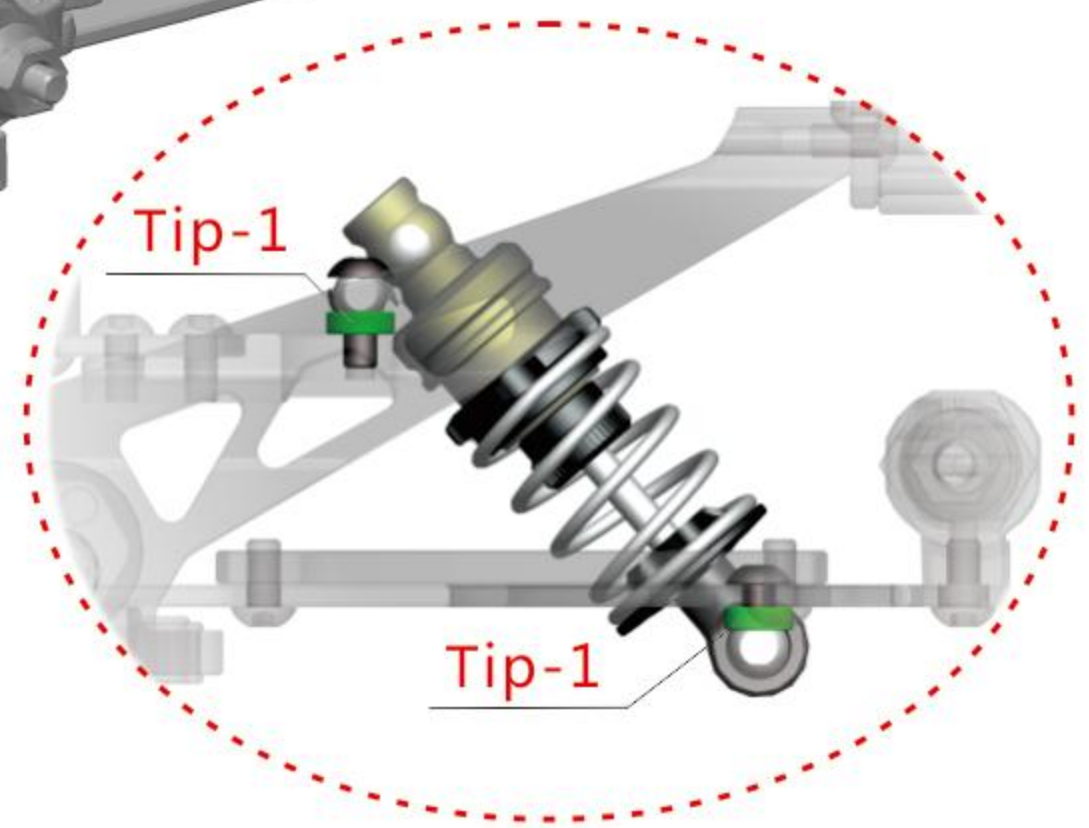
- 924900 DOUBLE BEVEL SHOULDERS 4.9x6mm
- 924906 BALL END 4.9mm WITH THREAD 6mm H2.0
- 920340 ADJ. TURNBUCKLE L/R 40mm H3 -SPRING STEEL
- 920355 ADJ. TURNBUCKLE L/R 55mm H3 -SPRING STEEL
- 125308-25 AFTER FLOODING INTERMEDIATE STEERING SEAT ASSEMBLY 25mm

940362 3x6x2	940364 3x6x4	915308 M3x8	918306 M3x6	917256 M2.5x6	917306 M3x6	919301 M3.0

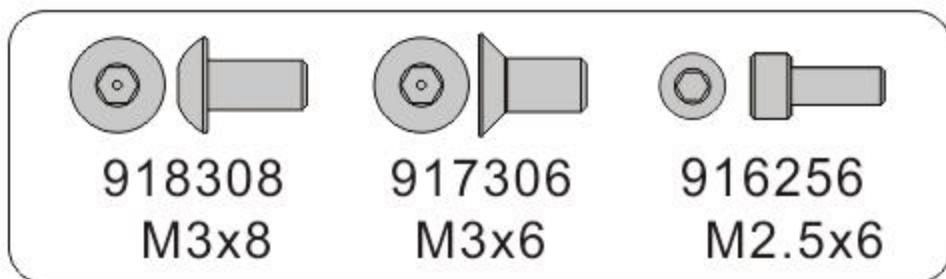
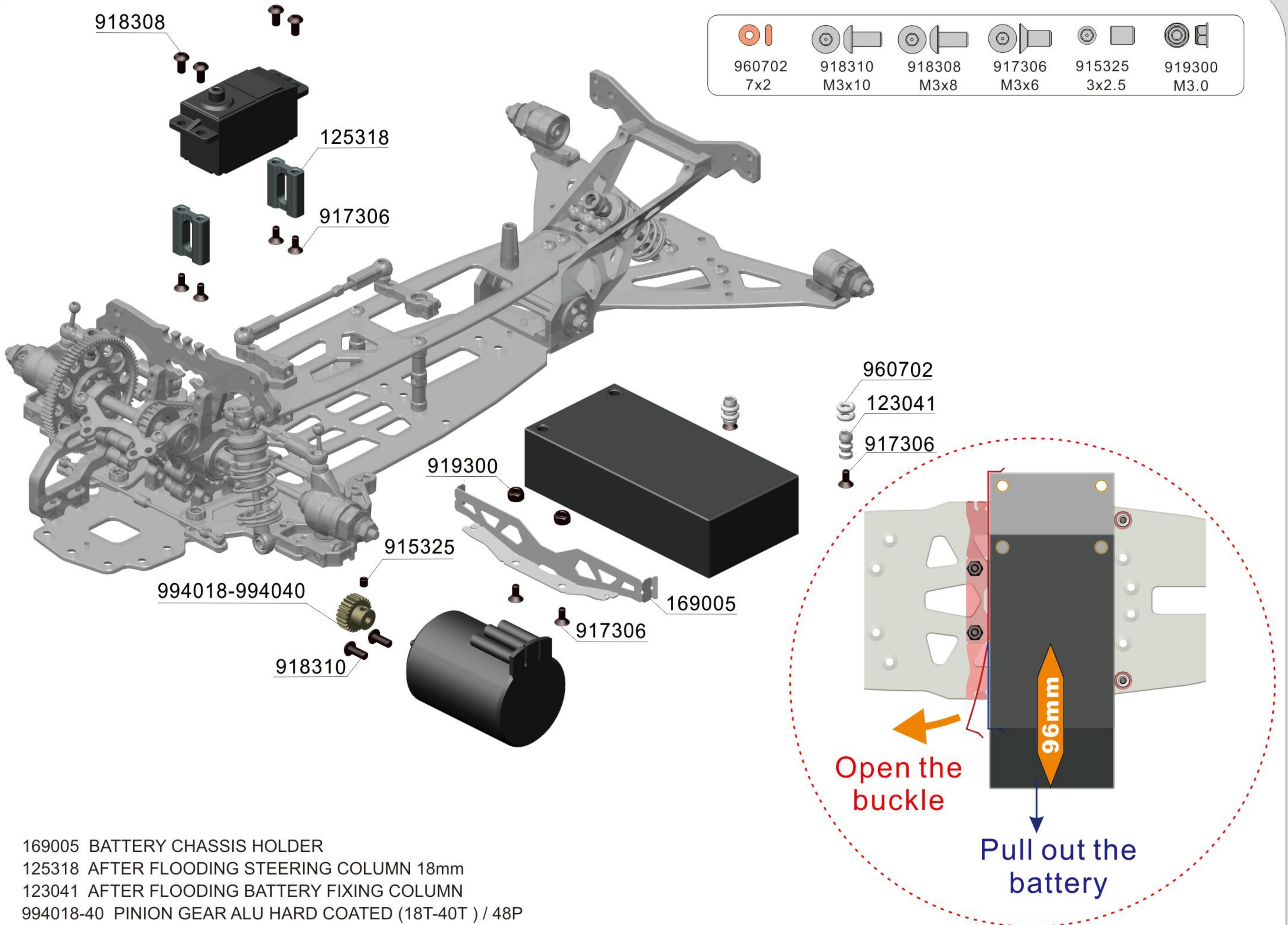
- 124411 RAS-SHOCK CAP BALL END SCREW 5.9xM3x12mm
- 124204 RAS-SHOCK CAP BALL END 5.9 M2.5
- 925801 BALL UNIVERSAL 5.8x6mm HEX H3.0
- 133422 SHOCK ABSORBER UPPER SIDE DOUBLE BALL CAP
- 133423 SHOCK ABSORBER BOTTOM SIDE DOUBLE BALL CAP
- 163343 2.5mm CARBON GRAPHITE REAR SHOCK TOWER (MATTE SURFACE) - FFV4
- 124249-V2 REDUCED AIR SHOCKER V2 (12x49mm)



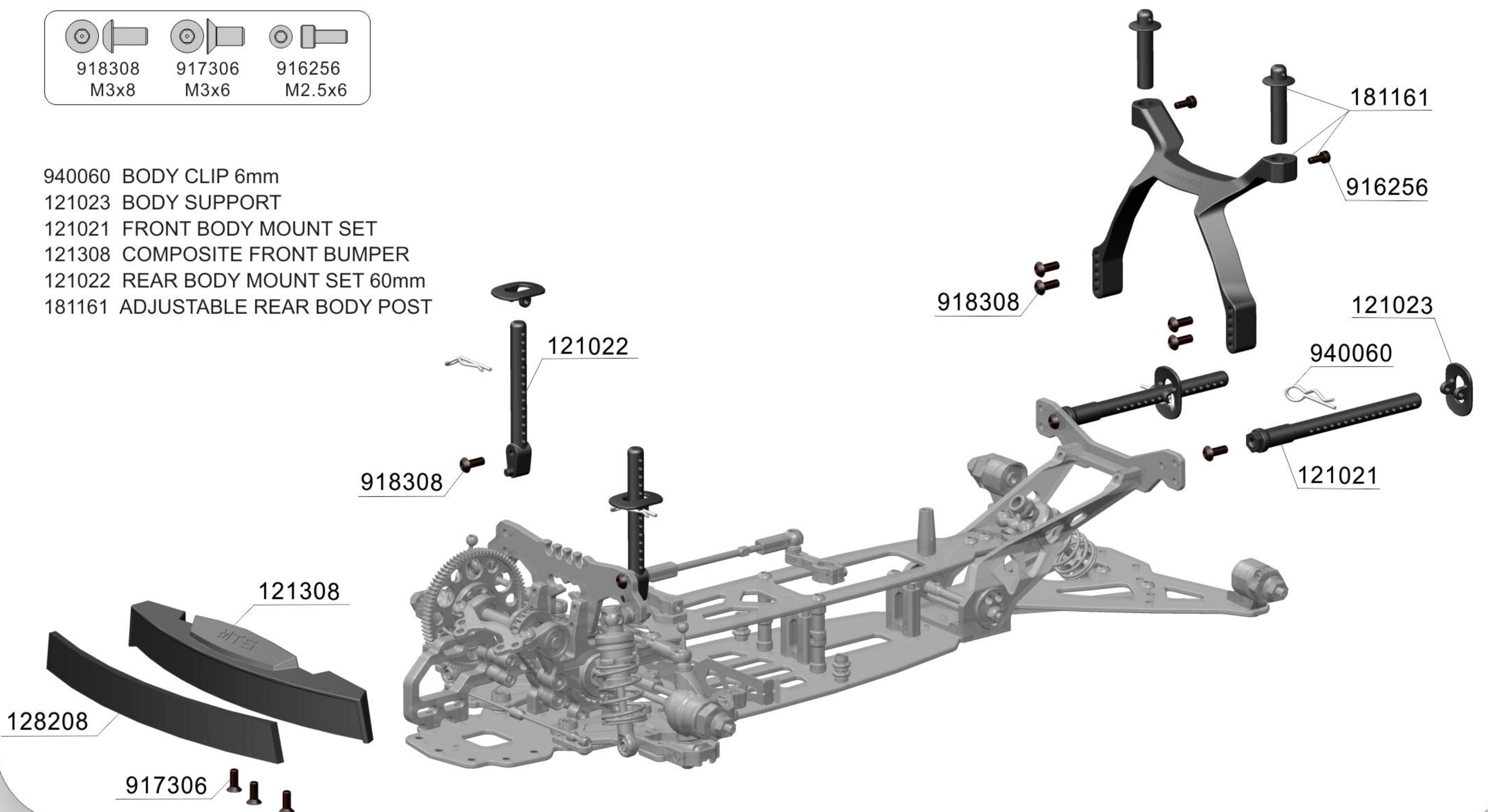
Tip-1 WASHER ALU	
940361	3x6x1
940361-5	3x6x1.5
940362	3x6x2
940362-5	3x6x2.5
940363	3x6x3
940364	3x6x4



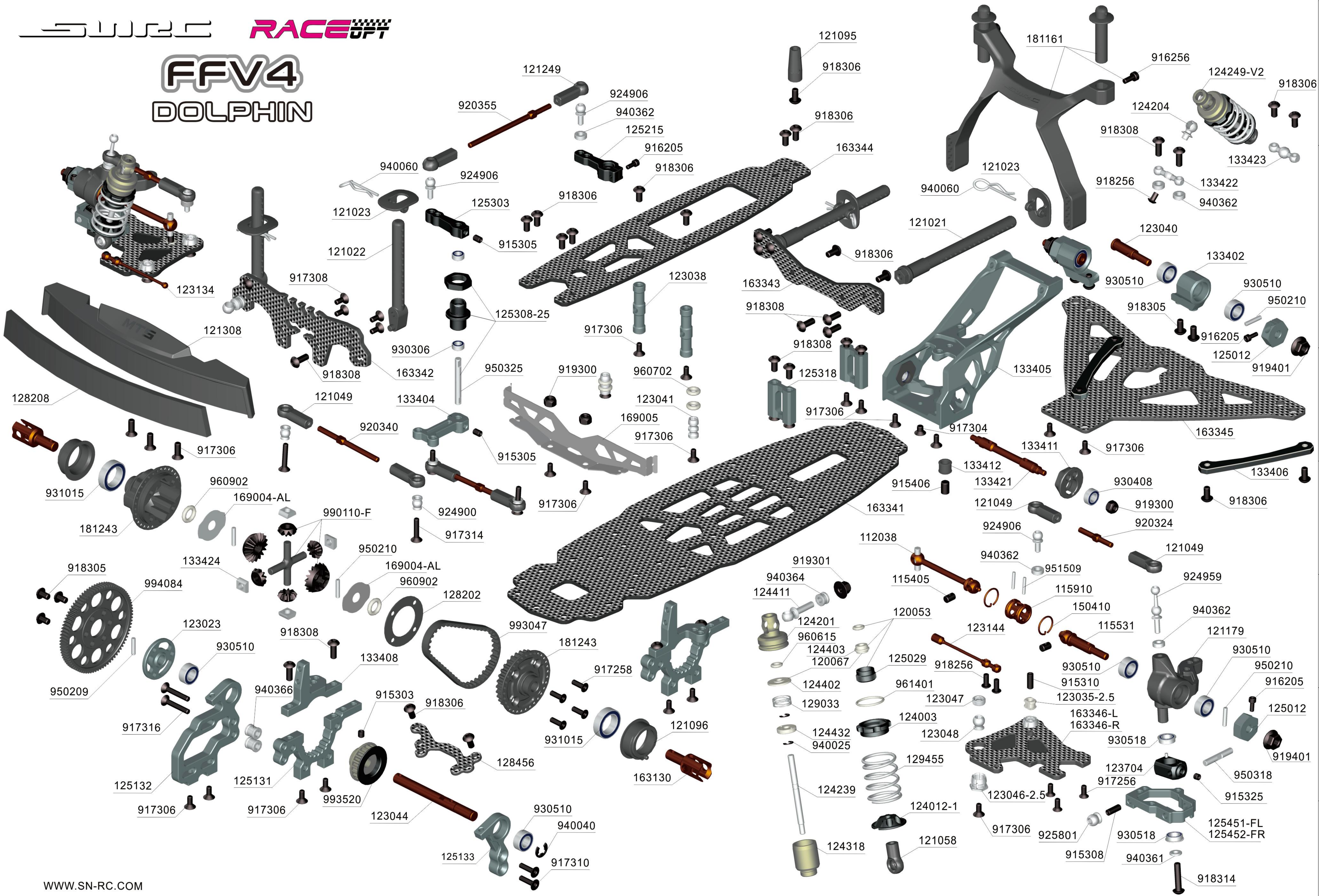
FFV4



- 940060 BODY CLIP 6mm
- 121023 BODY SUPPORT
- 121021 FRONT BODY MOUNT SET
- 121308 COMPOSITE FRONT BUMPER
- 121022 REAR BODY MOUNT SET 60mm
- 181161 ADJUSTABLE REAR BODY POST



FFV4 DOLPHIN



129033 MULTI-LOBE COMPRESSION SPRING

- 129012 0.2x4.0x3x9.5
- 129013 0.3x4.0x3x9.5
- 129022 0.2x5.0x4x9.5
- 129023 0.3x5.0x4x9.5
- 129032 0.2x6.5x5x9.5
- 129033 0.3x6.5x5x9.5

129455 1.4x21x5.5 SR 3.0kg

- 129250 1.2x21x5.0 RD 2.0kg
- 129255 1.2x21x5.5 SR 1.8kg
- 129260 1.2x21x6.0 YE 1.6kg
- 129265 1.2x21x6.5 BL 1.4kg
- 129450 1.4x21x5.0 RD 3.5kg
- 129455 1.4x21x5.5 SR 3.0kg
- 129460 1.4x21x6.0 YE 2.5kg
- 129465 1.4x21x6.5 BL 2.0kg
- 129450 1.5x21x5.0 RD 4.0kg
- 129455 1.5x21x5.5 SR 3.5kg
- 129460 1.5x21x6.0 YE 3.0kg
- 129465 1.5x21x6.5 BL 2.5kg

124432 2 HOLE

- 124430 (0 HOLE)
- 124433 (3 HOLE)
- 124431 (1 HOLE)
- 124435 (5 HOLE)
- 124432 (2 HOLE)
- 124437 (7 HOLE)

120067 HIGH SEALING-WH

- 120065 HIGH SMOOTH-BL
- 120066 STANDARD-YE
- 120067 HIGH SEALING-WH

125012 H12 5mm

- 125012-1 H12 5+1mm
- 125012-2 H12 5+2mm
- 125012-3 H12 5+3mm
- 125012-4 H12 5+4mm

124012-1 -1mm

- 124012-0 0mm
- 124012-2 2mm
- 124012-3 3mm

123225 ASSEMBLY

- 123225 1.3/1.4/1.6 mm

WWW.SN-RC.COM

STANDARD	123704 H10 4°	181243-AL	133402 2°	169004-AL 0.4mm	133406 3mm	181243-FSP3.1 PA, S2 CUP 3.1	125215 25T ALU	123134 1.4mm	123144 1.4mm	993520 20T	993047 47T	993047 47T	993520-32-47
OPTION PART	123702 H10 2° 123706 H10 6°	32T ALU	133401 1° 133403 3°	169005-AL 0.5mm 169004-F 0.4mm 169005-F 0.5mm	133407 4mm	181243-FSA3.1 ALU, S2 CUP 3.1	125216 23T ALU	123133 1.3mm 123136 1.6mm	123143 1.3mm 123146 1.6mm	993514 14T 993516 16T 993518 18T	993047-K FIBRE 993047-P PU 993047-WH WHITE	993043 43T 993044 44T 993045 45T 993046 46T 993048 48T 993049 49T 993050 50T	993514-32-44 993516-32-45 993518-32-46 993514-38-48 993516-38-49 993518-38-50 993520-38-50





1/10 ELECTRIC TOURING CAR

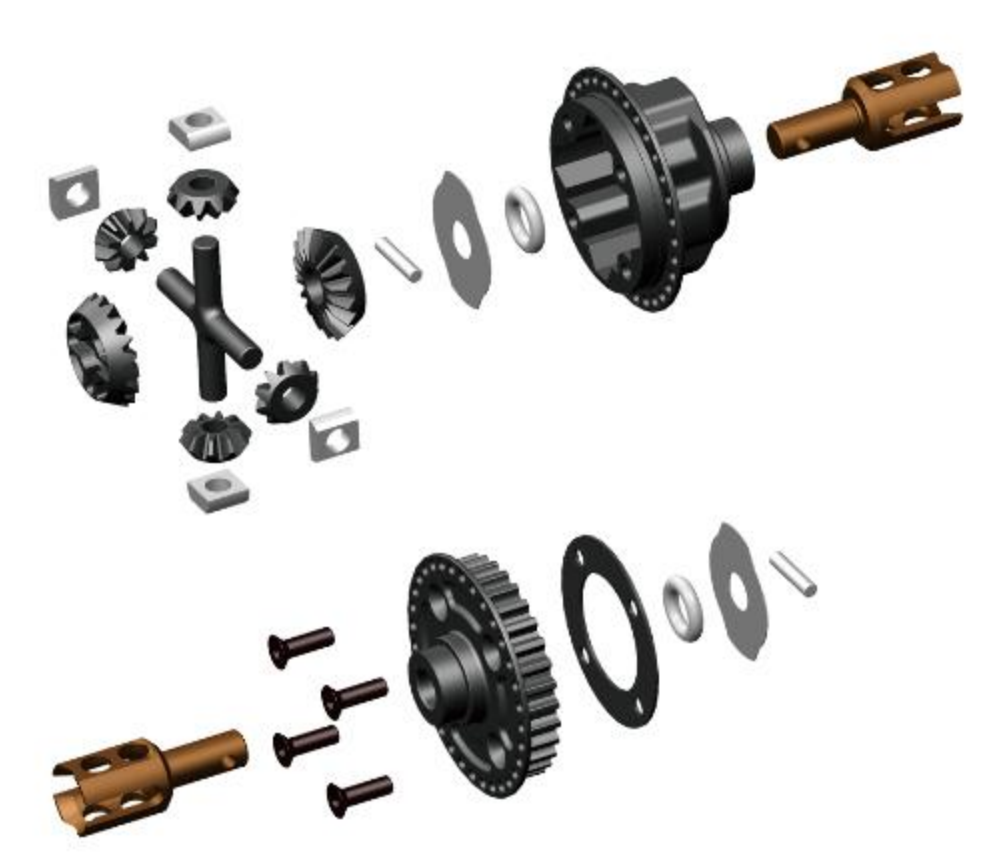





<p>112038 38mm</p>  <p>S2 3.0PIN</p>	<p>115910</p>  <p>S2</p>	<p>115531</p>  <p>S2</p>	<p>115405</p>  <p>1.5 PIN 3.5x5</p>
THREE SECTION UNIVERSAL DRIVE SHAFT-SPRING STEEL	DRIVE SHAFT JOINT HOUSING -SPRING STEEL	DRIVE SHAFT AXLE (SPRING STEEL)	DRIVE SHAFT CROSS JOINT
<p>150410</p> 	<p>118238 38mm</p>  <p>S2 3.0PIN</p>	<p>123040</p>  <p>5.0mm</p>	<p>124249-V2</p> 
DRIVE SHAFT JOINT HOUSING C-CLIP	THREE SECTION OF ROD CVD UNIVERSAL JOINT-S2	MOVING WHEEL AXLE 5.0mm	REDUCED AIR SHOCKER
<p>124300</p>  <p>13x48.5mm</p>	<p>124201</p>  <p>ALU</p>	<p>124318</p>  <p>12x18</p>	<p>121057 5.8x13.5 121058 5.8x15.5</p> 
SHORTER SHOCK ABSORBER 13x48.5mm	ALU RAS- SHOCK CAP	ALU-RAS-SHOCK BODY	SHOCK BALL JOINT
<p>124239</p>  <p>3x40</p>	<p>124003</p>  <p>ALU 12mm</p>	<p>120053</p>  <p>3.0x3.7mm M8</p>	<p>124012-0 124012-1 -1mm 124012-2 -2mm 124012-3 -3mm</p>  <p>ALU</p>
RAS-SHOCK SHAFT	ALU-SUSPENSION SPRING RETAINER-12mm	ALU SHOCK BOTTOM CAP SET WITH ORING 3.7x3.0	ALU SHOCK SPRING RETAINING COLLAR
<p>125029</p>  <p>ALU M8</p>	<p>124430 0-HOLE 124431 1-HOLE 124432 2-HOLE 124433 3-HOLE 124435 5-HOLE 124437 7-HOLE</p> 	<p>124402-0 3x1.3 BL 124402-1 3x1.4 YE 124402-2 3x1.5 WH</p> 	<p>124403-0 3x3.5 BL 124403-1 3x3.6 YE 124403-2 3x3.7 WH</p> 
ALU SHOCK BOTTOM CAP (COMPLETE SET)M8x5.5	RAS-SHOCK PISTON	RAS-SHOCK TOP COVER	RAS-SHOCK BOTTOM COVER
<p>124501</p>  <p>ALU</p>	<p>120065 3x3.5 & 3x1.3 BL 120066 3x3.6 & 3x1.4 YE 120067 3x3.7 & 3x1.5 WH</p> 	<p>124204</p>  <p>5.9 M2.5mm</p>	<p>124211 5.9x7mm 124311 5.9x10mm 124411 5.9x12mm</p> 
RAS-SHOCK HOLDER TOOL	RAS-SHOCK TOP COVER & RAS-SHOCK TOP COVER COLLAR	RAS-SHOCK CAP BALL END	RAS-SHOCK CAP BALL END SCREW

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<p>123041</p>  <p>AFTER FLOODING BATTERY FIXING COLUMN</p>	<p>129250 1.2x21x5.0 RD 2.0kg 129255 1.2x21x5.5 SR 1.8kg 129260 1.2x21x6.0 YE 1.6kg 129265 1.2x21x6.5 BL 1.4kg</p>  <p>SUSPENSION SPRING 1.2x21mm</p>	<p>129450 1.4x21x5.0 RD 3.5kg 129455 1.4x21x5.5 SR 3.0kg 129460 1.4x21x6.0 YE 2.5kg 129465 1.4x21x6.5 BL 2.0kg</p>  <p>SUSPENSION SPRING 1.4x21mm</p>	<p>129550 1.5x21x5.0 RD 4.5kg 129555 1.5x21x5.5 SR 4.0kg 129560 1.5x21x6.0 YE 3.5kg 129565 1.5x21x6.5 BL 3.0kg</p>  <p>SUSPENSION SPRING 1.5x21mm</p>
<p>129012 0.2x4x3x9.5 129013 0.3x4x3x9.5 129022 0.2x5x4x9.5 129023 0.3x5x4x9.5 129032 0.2x6.5x5x9.5 129033 0.3x6.5x5x9.5</p> <p>129042 0.2x7.5x6x9.5 129043 0.3x7.5x6x9.5 129052 0.2x9x7x9.5 129053 0.3x9x7x9.5</p>  <p>MULTI-LOBE COMPRESSION SPRING</p>		<p>121021</p>  <p>FRONT BODY MOUNT SET</p>	<p>121022 60mm</p>  <p>REAR BODY MOUNT SET</p>
<p>121023</p>  <p>BODY SUPPORT</p>	<p>161024</p>  <p>REAR BODY MOUNT SET 71mm LENGHT</p>	<p>181161</p>  <p>ADJUSTABLE REAR BODY POST</p>	<p>121049</p>  <p>COMPOSITE BALL JOINT 4.9mm - OPEN</p>
<p>121249</p>  <p>COMPOSITE BALL JOINT 4.9mm - CLOSED WITH HOLE</p>	<p>121179</p>  <p>TURN THE CUP AROUND 8° THREE SECTION STICK</p>	<p>121308</p>  <p>COMPOSITE FRONT BUMPER</p>	<p>133411</p>  <p>ANTI-ROLL SHAFT BUSHING</p>
<p>133412</p>  <p>TORQUE BEAM LIMIT SLEEVE</p>	<p>123702 2DEG 123704 4DEG 123706 6DEG</p>  <p>STEERING BLOCK HOLDER ALU</p>	<p>123890</p>  <p>STEERING WITH CVD UNIVERSAL JOINT (COMPLETE SET) 38MM 3.0</p>	<p>123891</p>  <p>STEERING WITH CVD UNIVERSAL JOINT AND ALU. WHEEL HUB (COMPLETE SET) 38MM 3.0</p>
<p>121096</p>  <p>COMPOSITE ADJUSTMENT BALL-BEARING HUB</p>	<p>122098</p>  <p>DIFF CROSS SHAFT</p>	<p>128202</p>  <p>DIFF GASKET 26mm</p>	<p>163130 3.1mm 123011 3.6mm</p>  <p>UNIVERSAL CVD DRIVE SHAFT - SPRING STEEL</p>

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<p>133424</p> 	<p>169004-AL 0.4mmALU 169005-AL 0.5mmALU 169004-F 0.4mmSUS 169005-F 0.5mmSUS</p> 	<p>181243</p>  <p>PA</p>	<p>181243-AL</p> 
<p>GEAR DIFF ANTI-SLIP PLATE</p>	<p>MINIUM ANTI-SLIP WASHER (26)</p>	<p>COMPOSITE GEAR DIFF CASE & PULLEY COVER (32T)</p>	<p>ALUMINIUM PULLEY COVER (32T)</p>

<p>OPTIONAL GEAR DIFFERENTIAL SET</p> 	<p>PLANETARY GEAR SET STEEL</p> 	<p>DIFFERENTIAL CUP-S2</p>  <p>3.1</p>	<p>DIFFERENTIAL CUP-S2</p>  <p>3.6</p>	<p>PA 32T</p> 	<p>ALU 32T</p> 
181243-FSP3.1	●	●		●	
181243-FSA3.1	●	●			●
181243-FSP3.6	●		●	●	
181243-FSA3.6	●		●		●


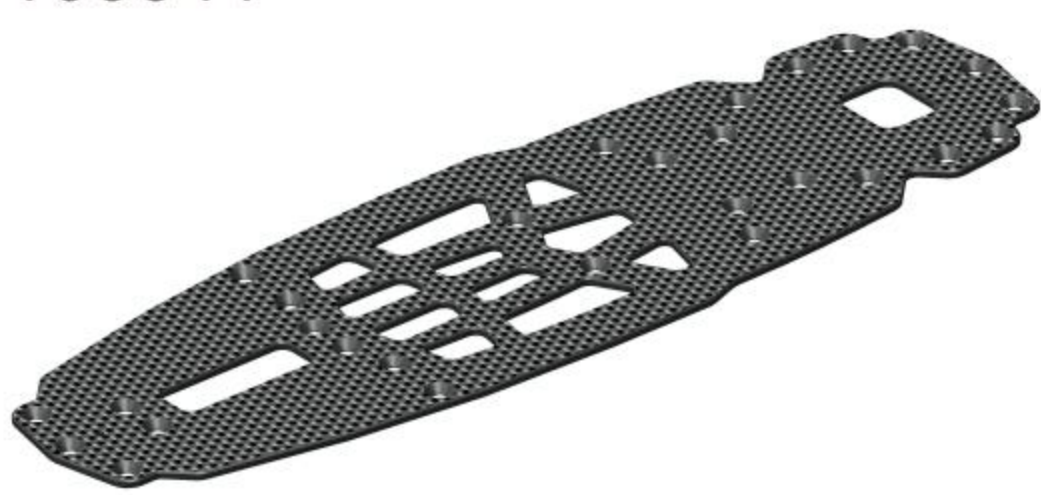


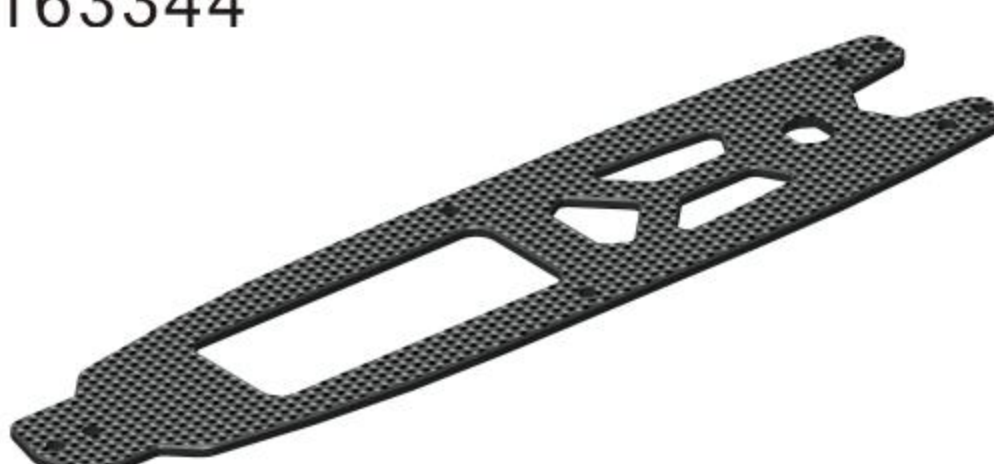
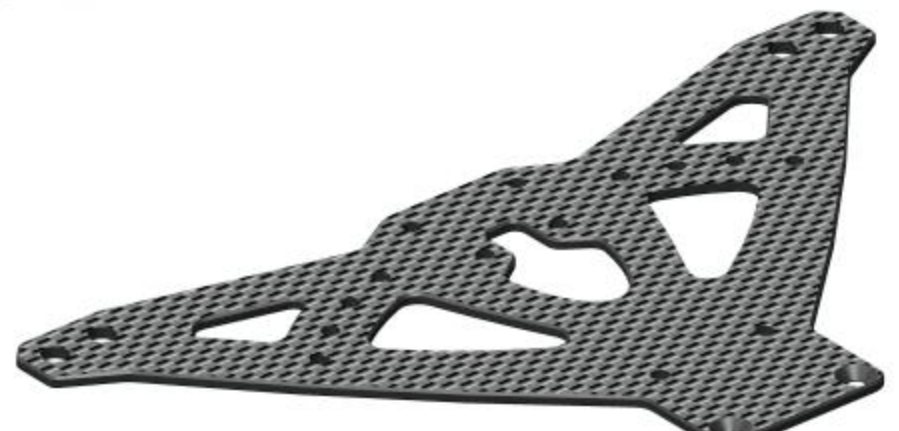
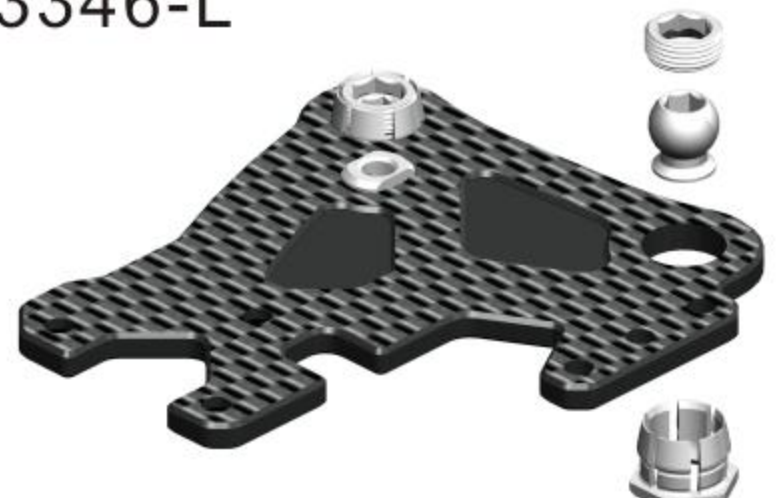


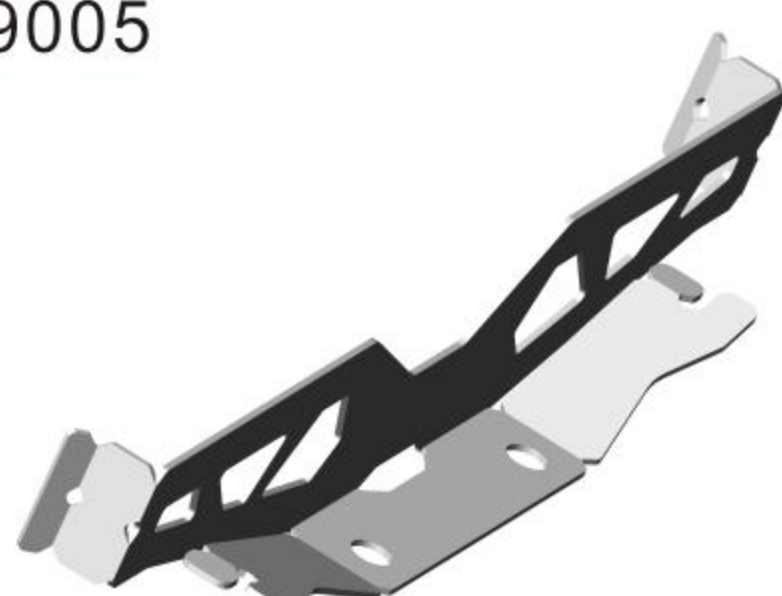





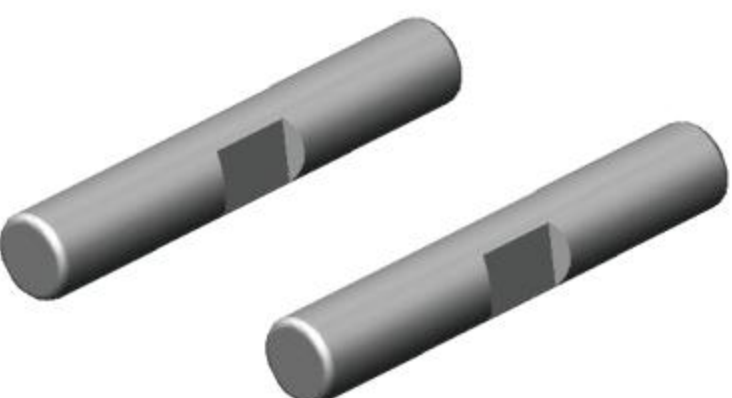

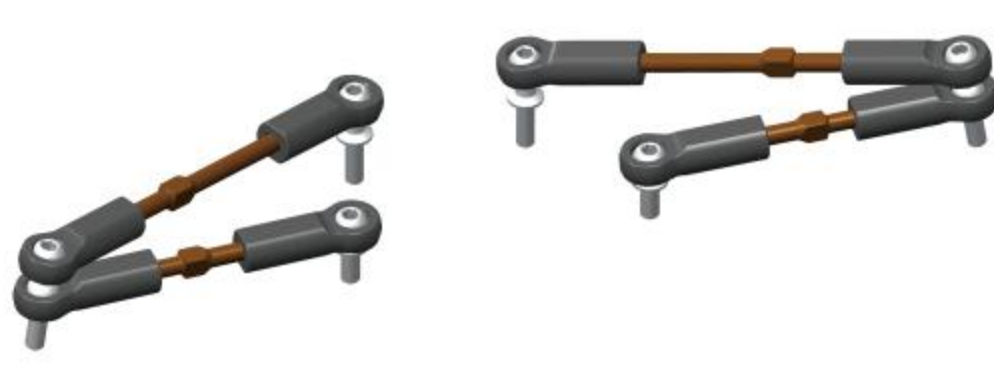






<p>OPTIONAL COMPONENT ALUMINIUM FIXED PULLEY & SYNCHRONOUS BELT & ALU GEAR DIFF CASE PULLEY</p>	<p>ALUMINIUM FIXED PULLEY</p> 	<p>SYNCHRONOUS BELT</p> 	<p>993514 993516 993518 993520</p> 	<p>990110-F</p>  <p>STEEL</p>
993514-32-44	14T	44T	<p>ALUMINIUM FIXED PULLEY (5.0MM THICKNESS)</p>	<p>PLANETARY GEAR SET-STEEL</p>
993516-32-45	16T	45T		
993518-32-46	18T	46T		
993520-32-47	20T	47T		
993514-38-48	14T	48T	<p>993044 44T 993045 45T 993046 46T 993047 47T 993048 48T 993049 49T 993050 50T</p> 	<p>123089</p>  <p>50mm ALU</p>
993516-38-49	16T	49T		
993518-38-50	18T	50T		
993520-38-50	20T	50T		

<p>123133 1.3 123134 1.4 123136 1.6</p>  <p>40mm</p>	<p>123143 1.3 123144 1.4 123146 1.6</p>  <p>40mm</p>	<p>123224</p>  <p>1.3/1.4/1.6</p>	<p>123044</p>  <p>53mm</p>
<p>ANTI ROLL BAR SHAFT (EXTEND VER.)</p>	<p>ANTI ROLL BAR SHAFT HOLDER (EXTEND VER.)</p>	<p>LENGTHEN ANTI ROLL BAR MALE & FEMALE SHAFT</p>	<p>53mm FRONT PULLEY SHAFT</p>


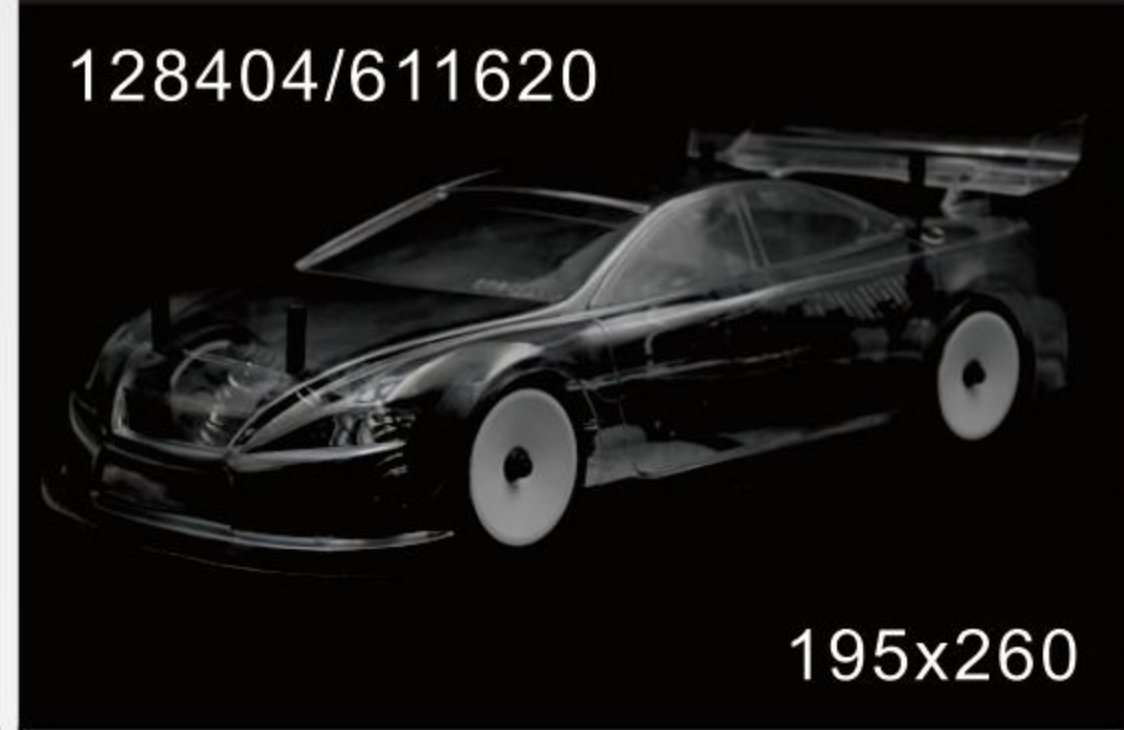
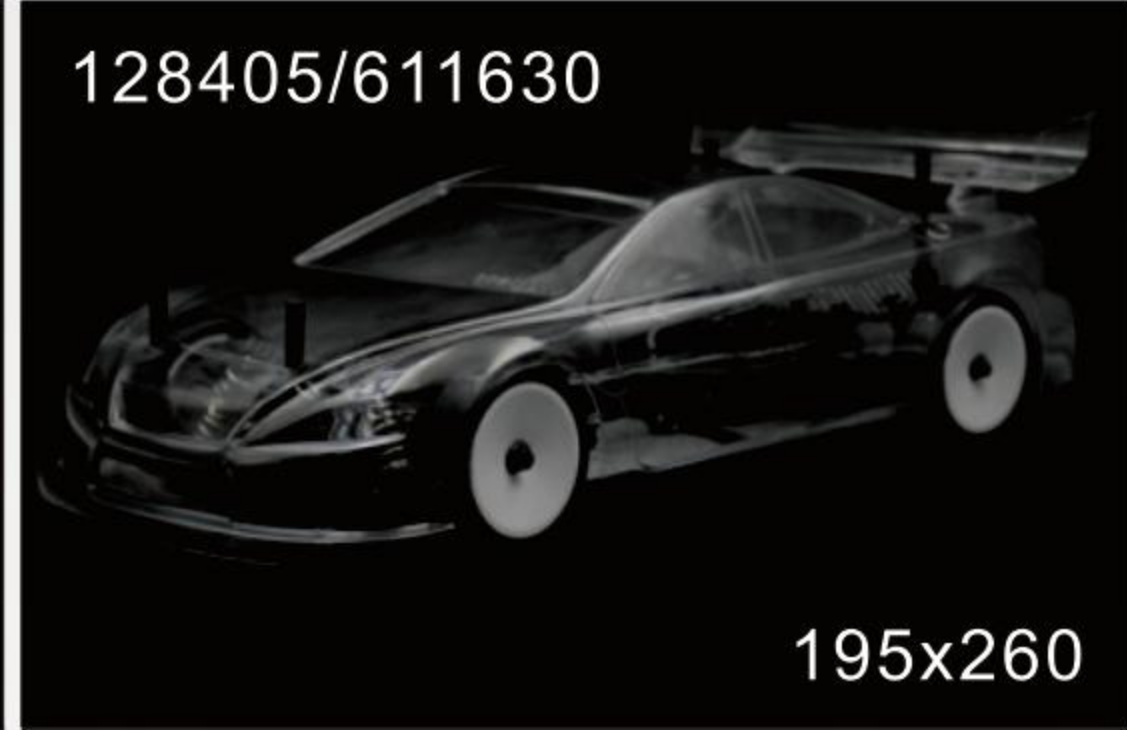

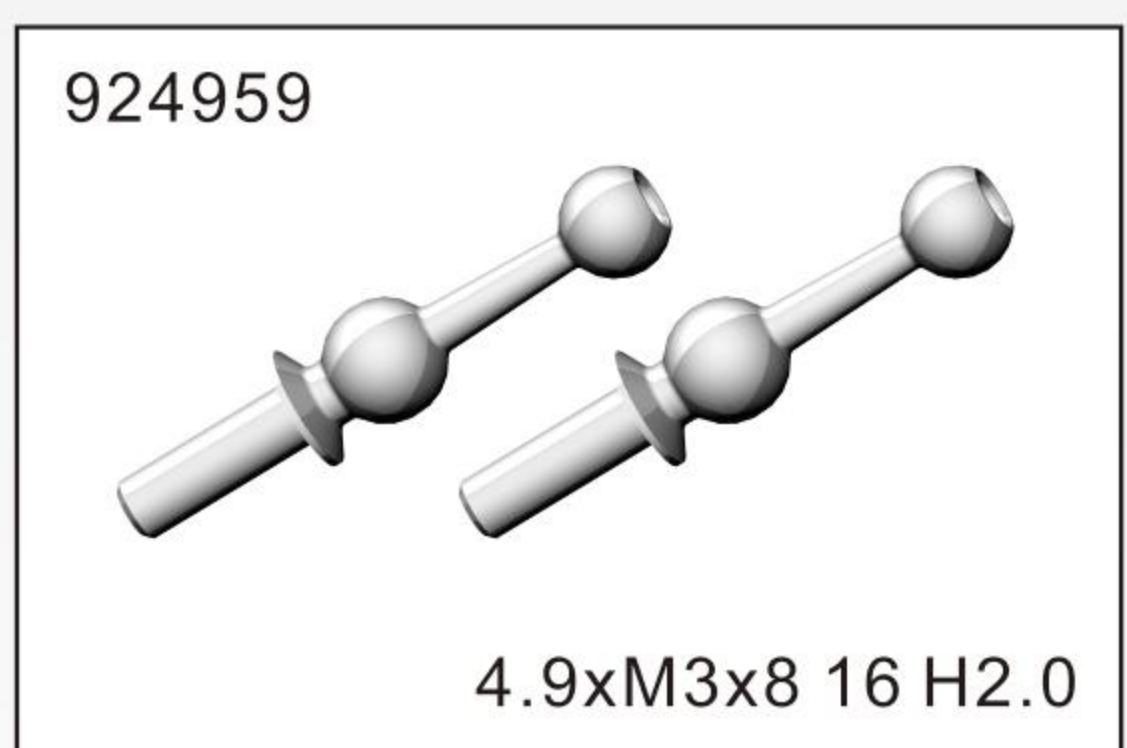
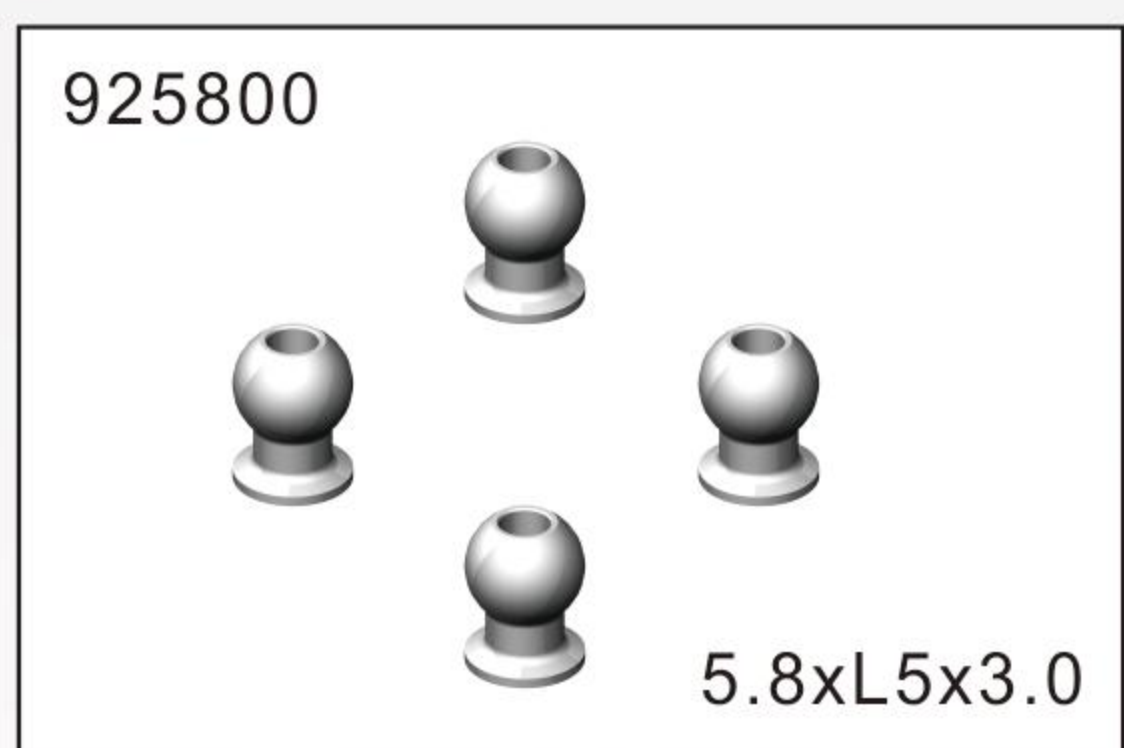
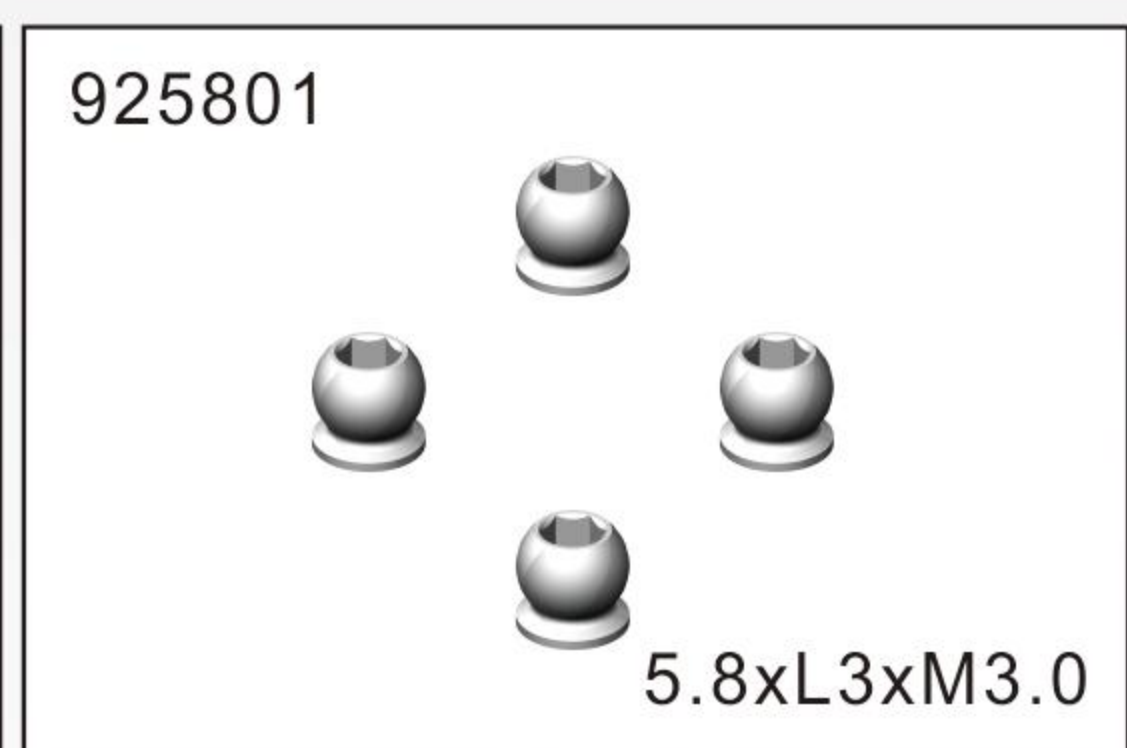
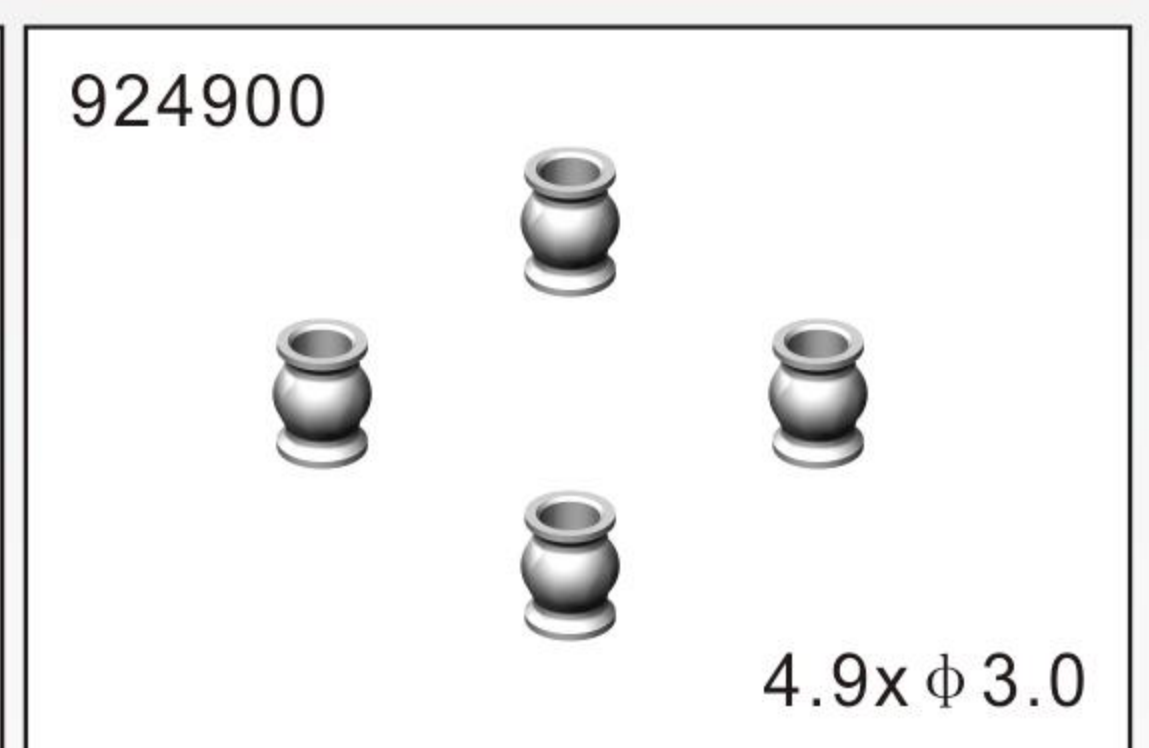
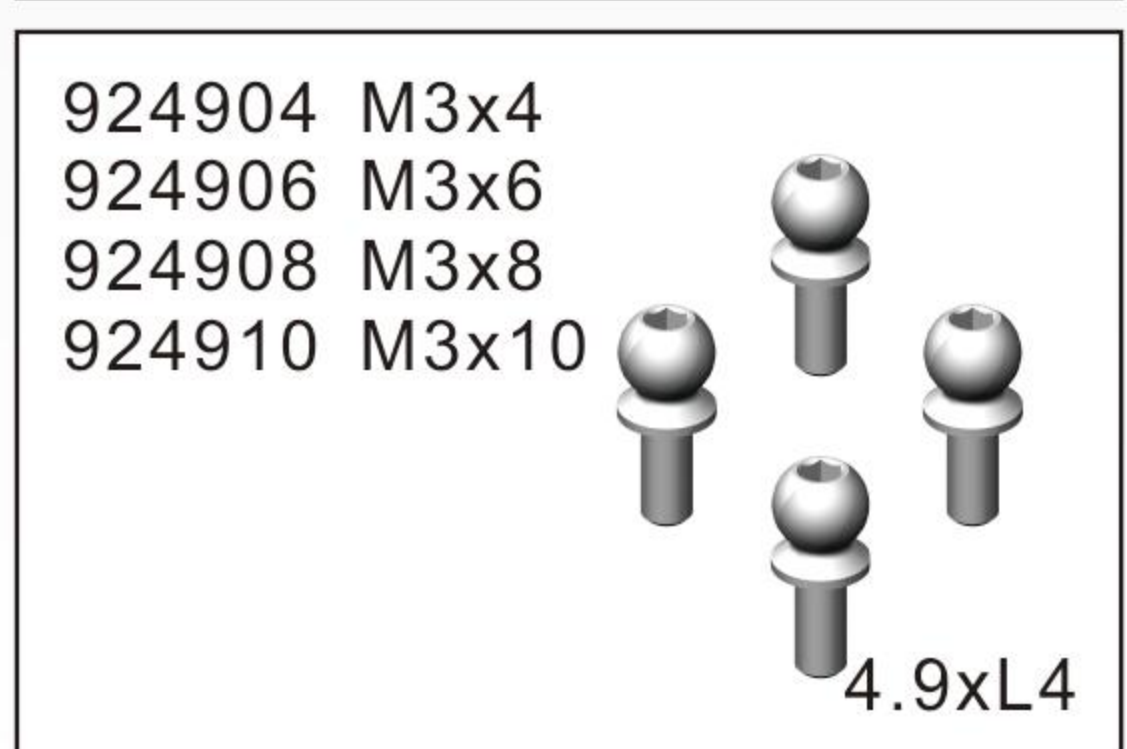
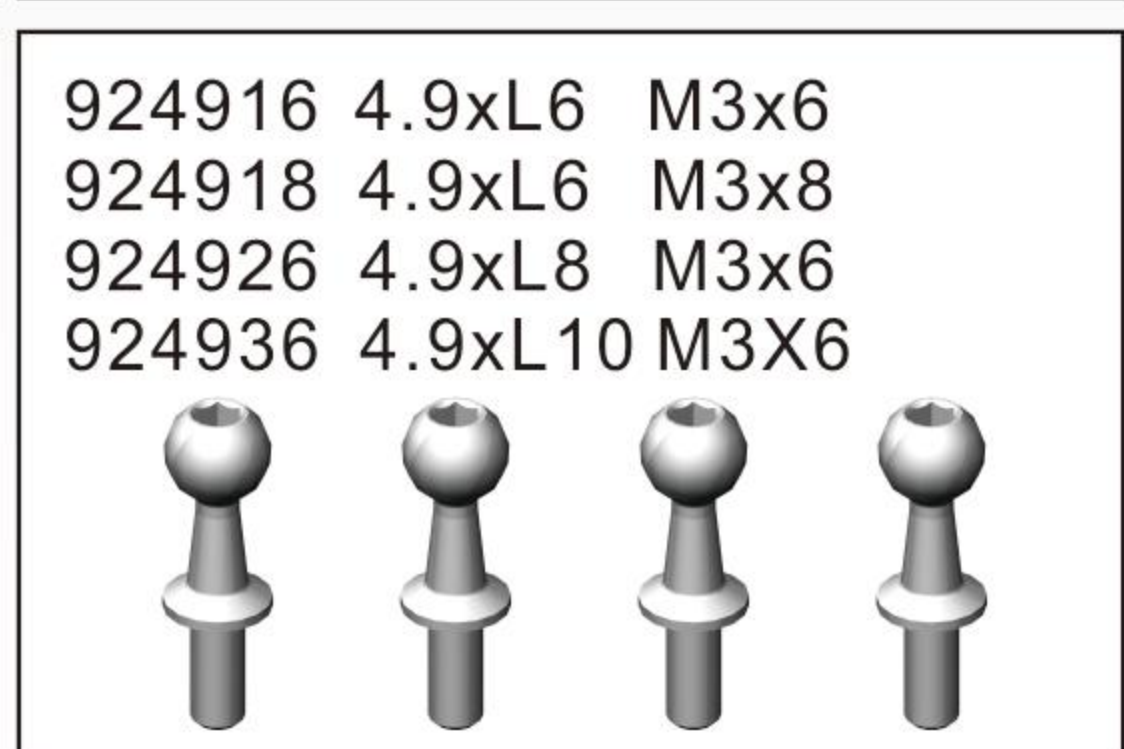
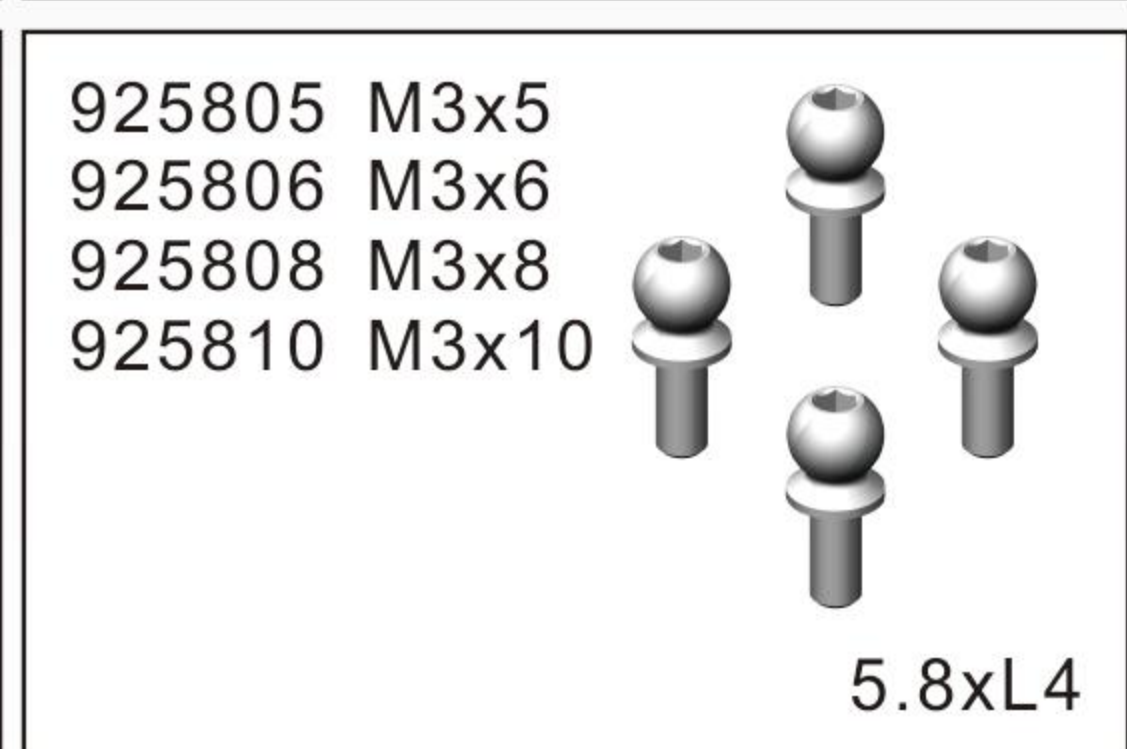
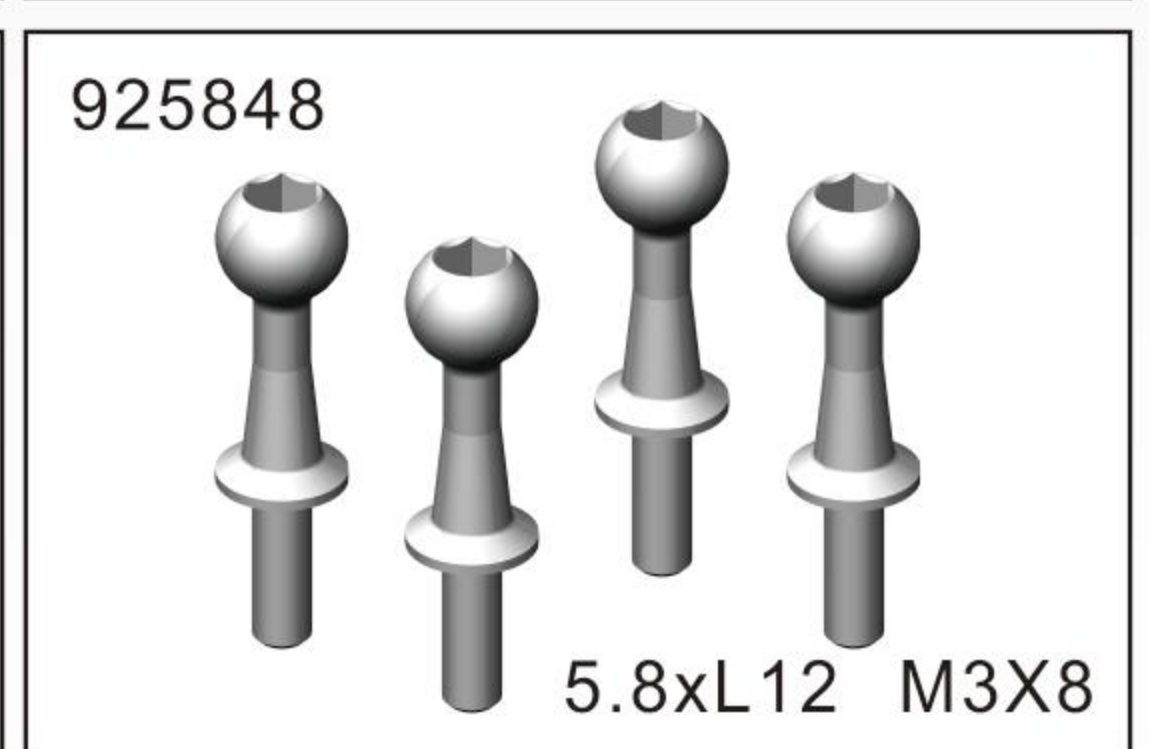
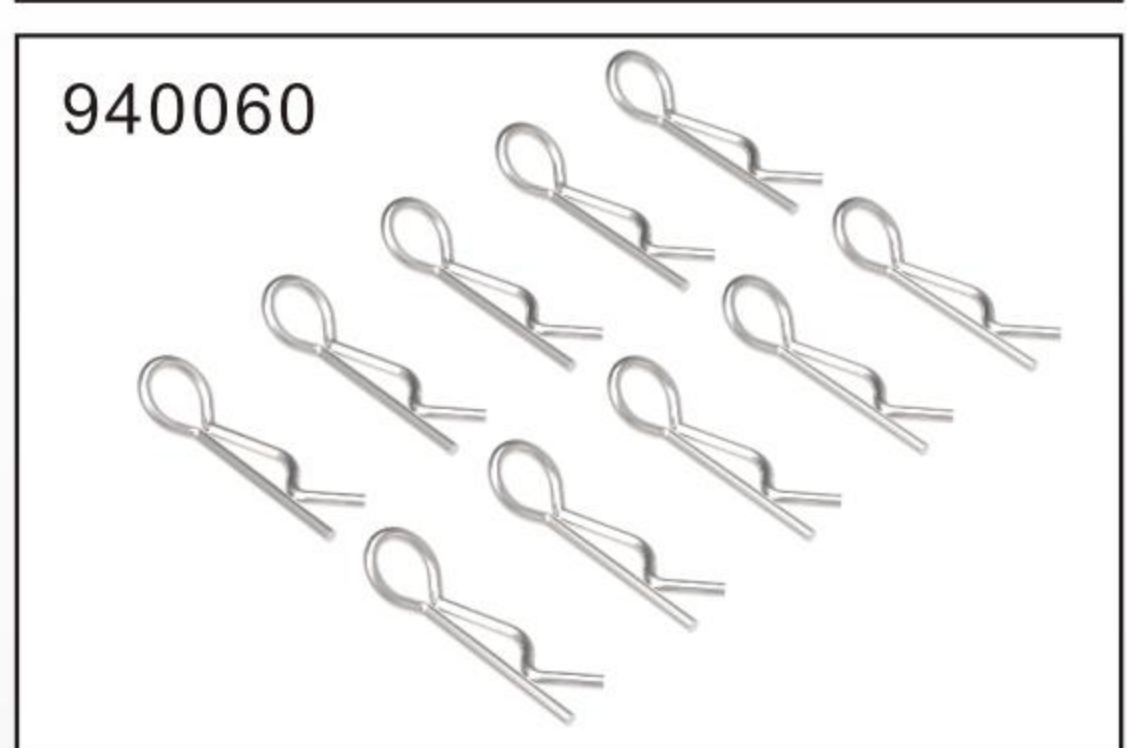
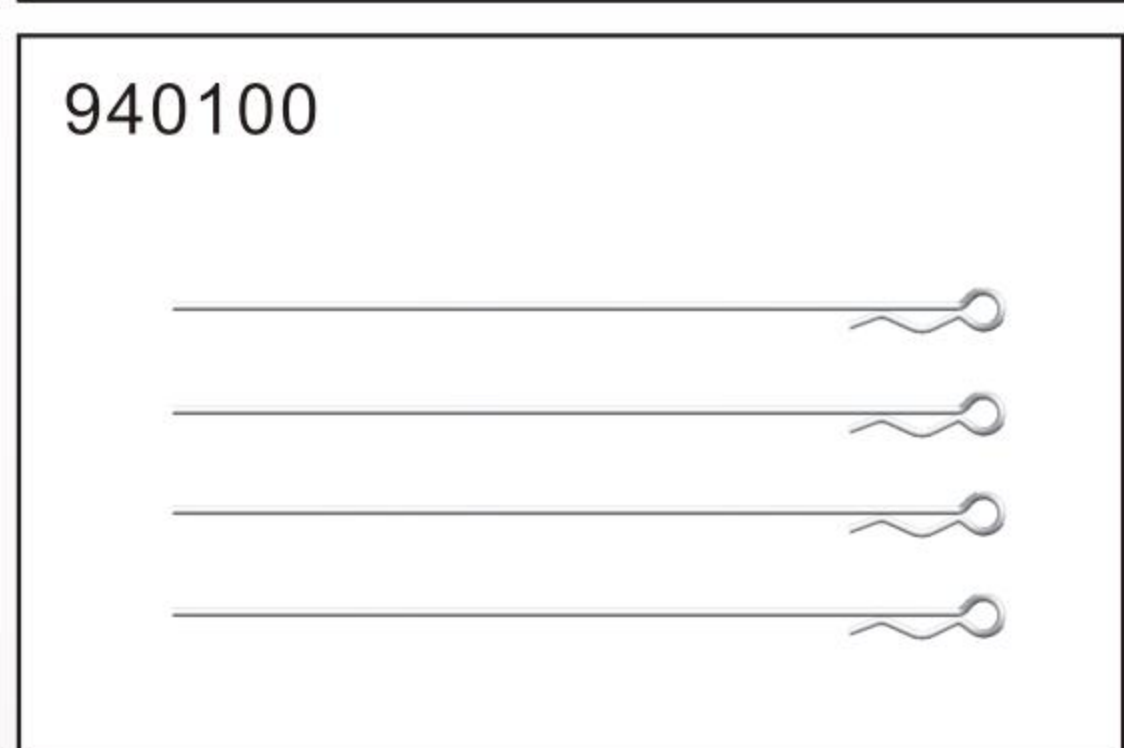
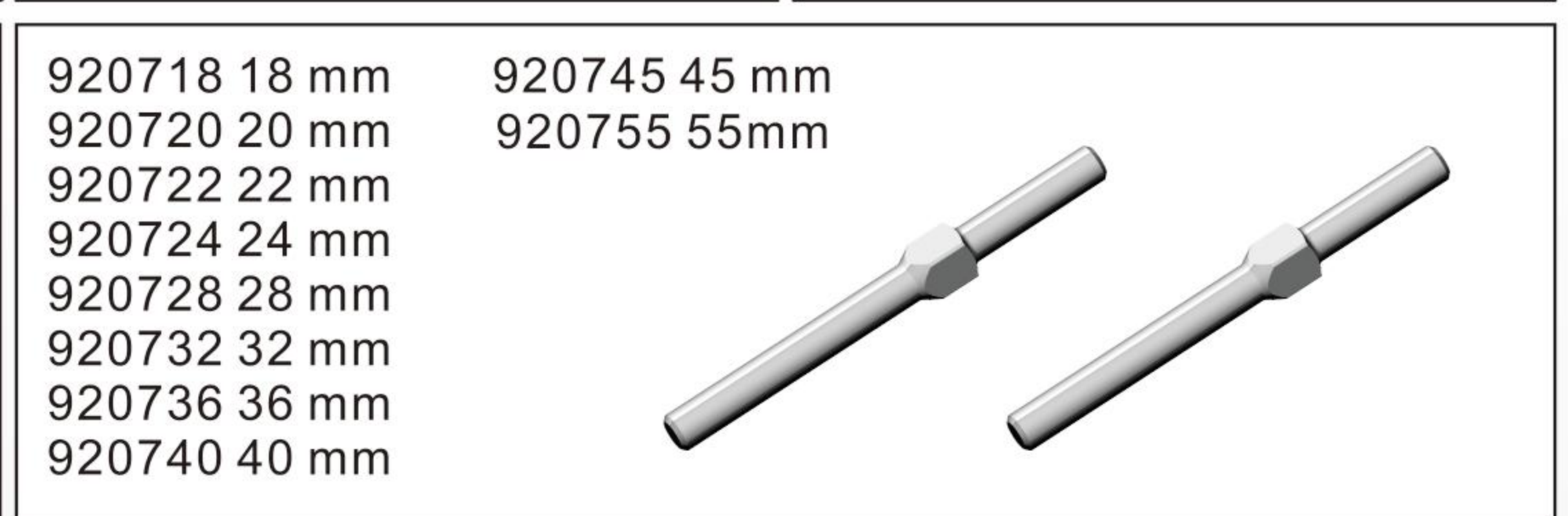
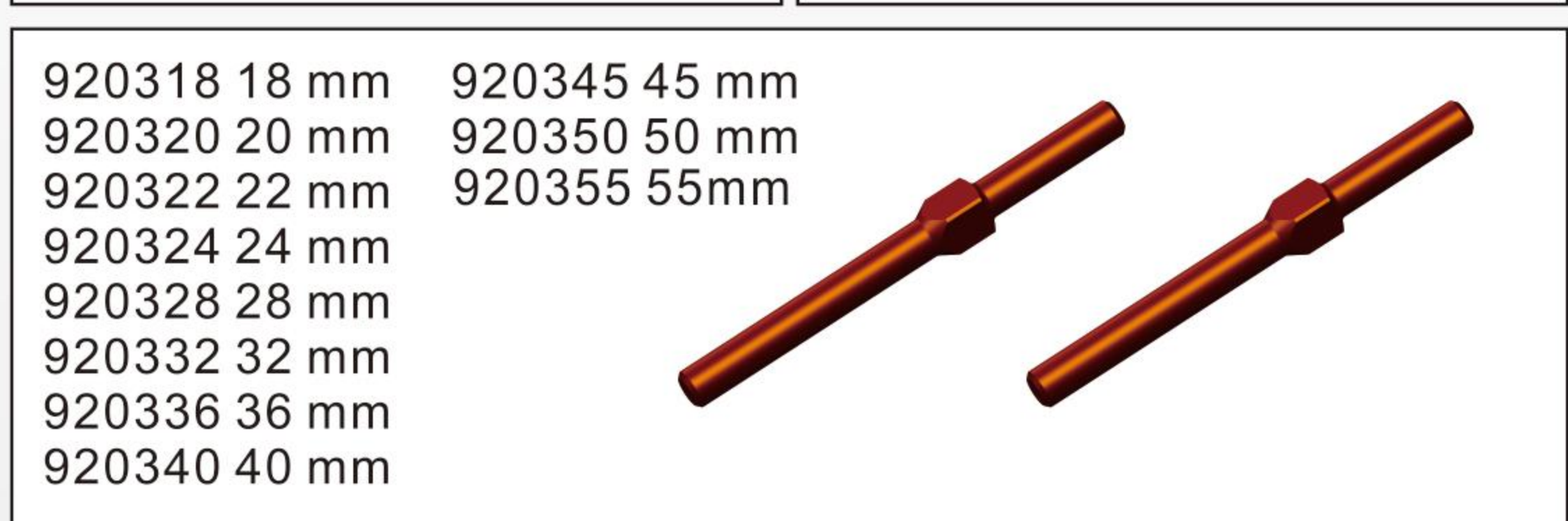
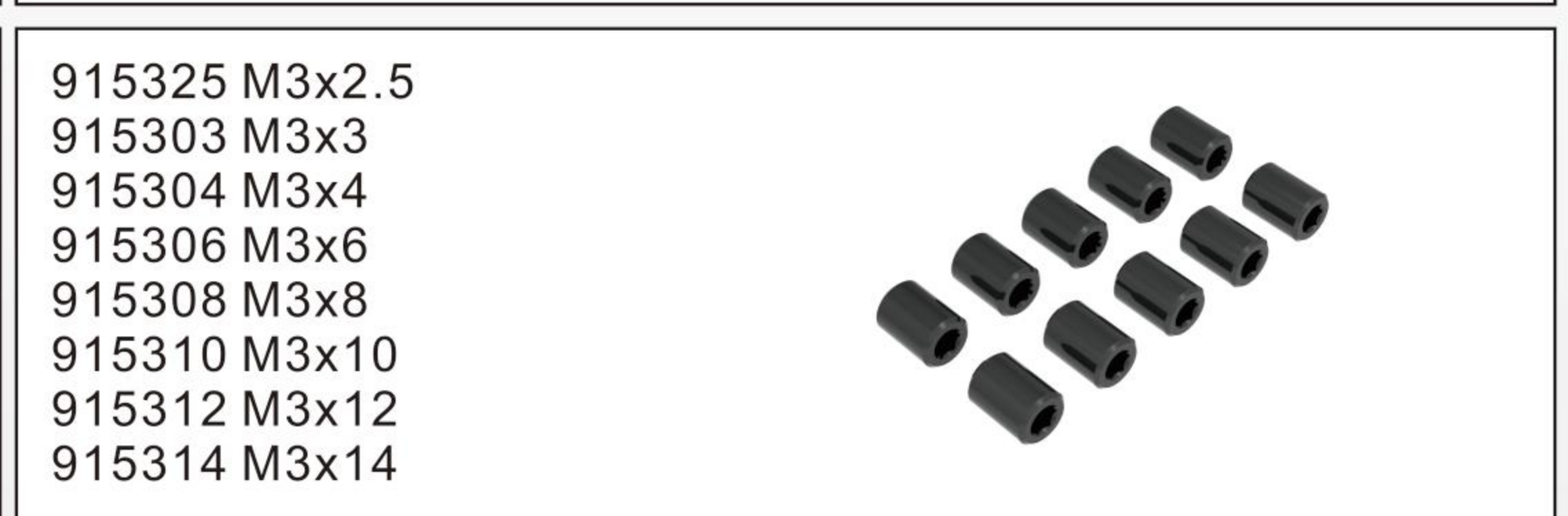
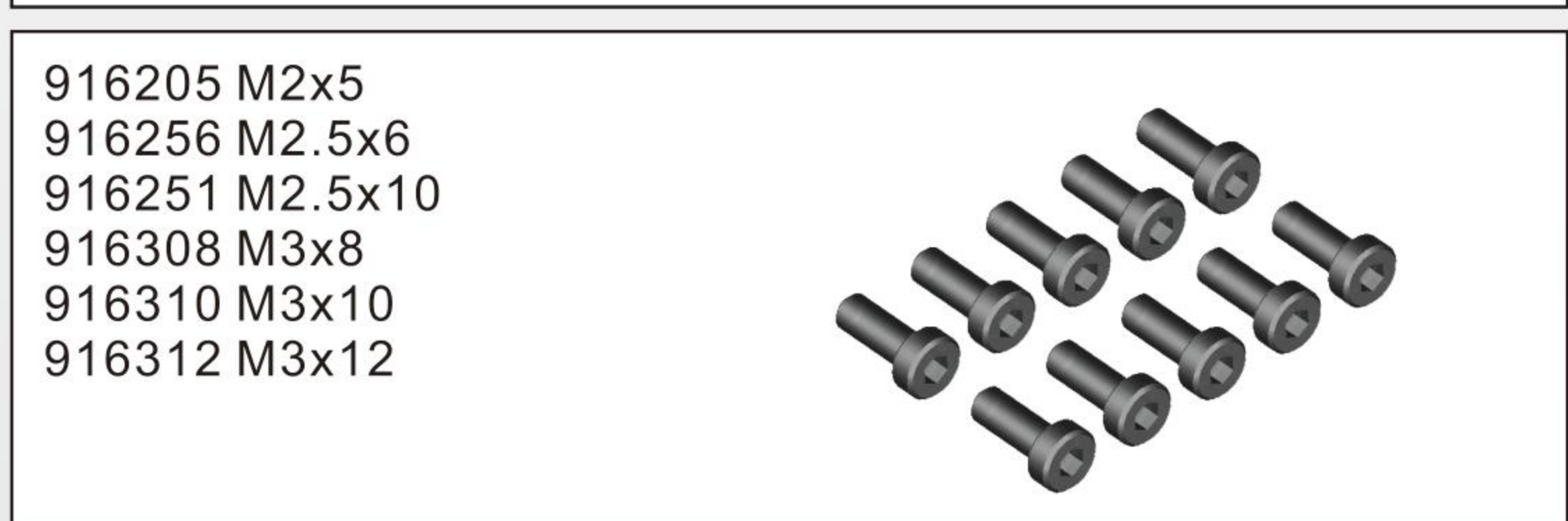
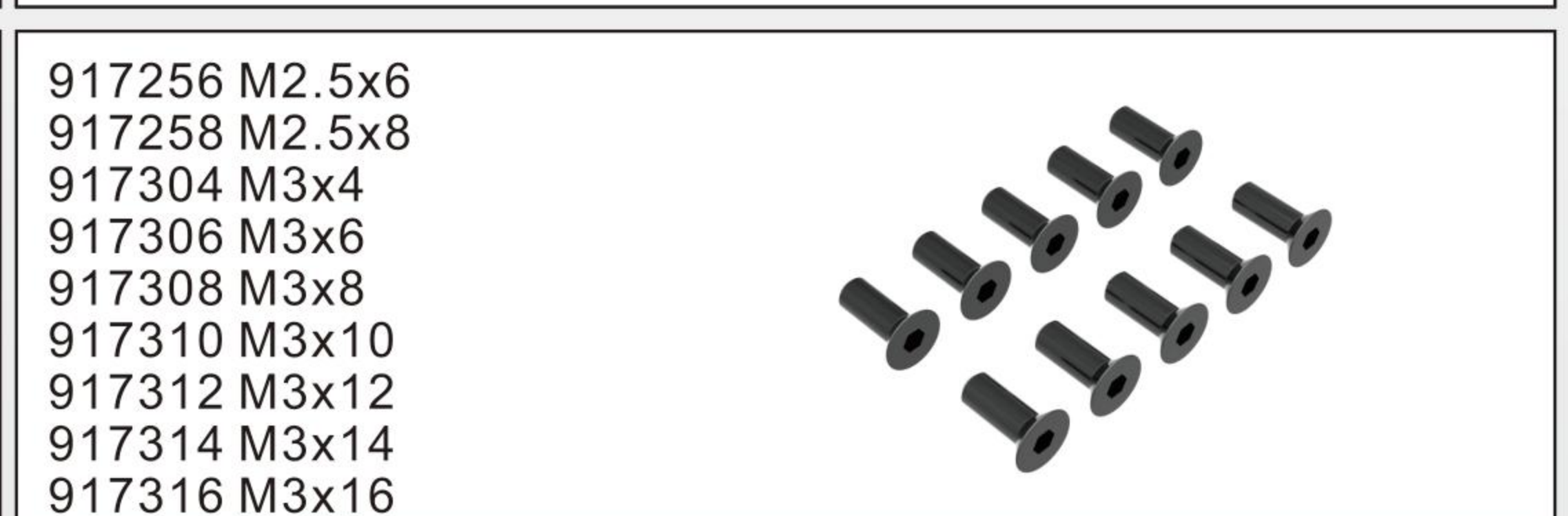
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<p>123035-2.5</p> 	<p>123046-2.5</p> 	<p>123047</p> 	<p>123048</p>  <p>H3.0</p>
<p>SERVO MOUNT SCREW BUSHING</p>	<p>SUSPENSION ARM BALL JOINT HOLDER</p>	<p>SUSPENSION ARM BALL JOINT HEX NUT M6.5</p>	<p>BALL UNIVERSAL 5.8MM HEX (H3)</p>
<p>123401-2.5</p> 	<p>133408</p> 	<p>125131</p>  <p>26mm</p>	<p>125215 25T 125216 23T</p>  <p>ALU</p>
<p>SUSPENSION ARM BALL JOINT HOLDER HEX NUT KIT 2.5</p>	<p>BEARING SLEEVE CLAMP (L+R)</p>	<p>ALU. FRONT BULKHEAD</p>	<p>ALUMINUM ALLOY LOCKING OF STEERING GEAR ARM</p>
<p>125132</p> 	<p>125133</p> 	<p>123023</p> 	<p>125303</p> 
<p>ALU. MOTOR MOUNT PLATE</p>	<p>ALU. SPUR GEAR SHAFT MOUNT</p>	<p>ALU.SPUR GEAR HOLDER</p>	<p>AFTER FLOODING STEERING ARM 18mm</p>
<p>125308-25</p> 	<p>133404</p> 	<p>125451</p>  <p>FL</p>	<p>125452</p>  <p>FR</p>
<p>AFTER FLOODING INTERMEDIATE STEERING SEAT ASSEMBLY</p>	<p>STEERING PLATE</p>	<p>ALU. FRONT ARM JOINT HOLDER</p>	<p>ALU. FRONT ARM JOINT HOLDER</p>
<p>133405</p> 	<p>133401</p>  <p>1°</p>	<p>133402</p>  <p>2°</p>	<p>133403</p>  <p>3°</p>
<p>INTEGRATED REAR ARM SUPPORTER</p>	<p>REAR ARM UPRIGHT BLOCK (1 DEG)</p>	<p>DIFFERENTIAL CUP-S2 (2 DEG)</p>	<p>REAR ARM UPRIGHT BLOCK (3 DEG)</p>
<p>123038</p>  <p>26mm ALU</p>	<p>125318</p> 	<p>125012 H12x5mm 125012-1 H12x5mm+1 125012-2 H12x5mm+2 125012-3 H12x5mm+3 125012-4 H12x5mm+4</p> 	
<p>26MM ALU. STANDOFF POST</p>	<p>AFTER FLOODING STEERING COLUMN 18MM</p>	<p>OPTIONAL ALU WHEEL HUB</p>	

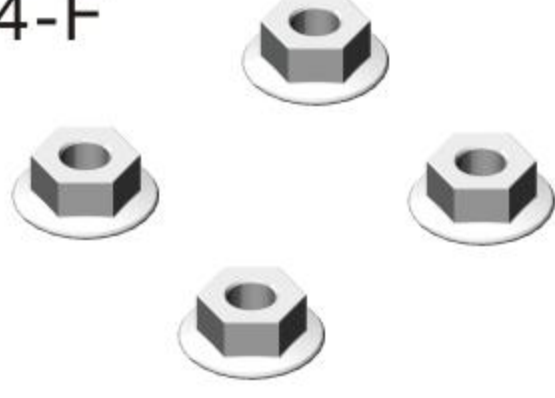


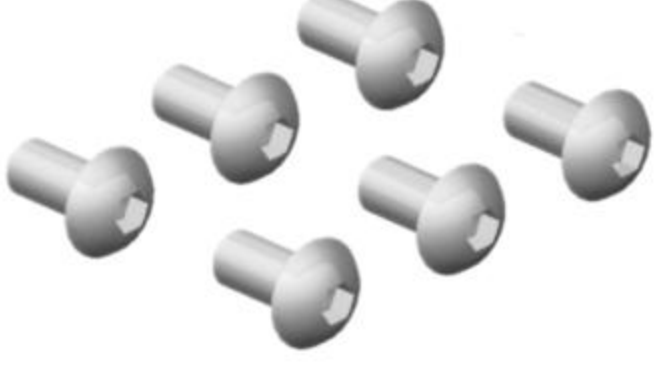
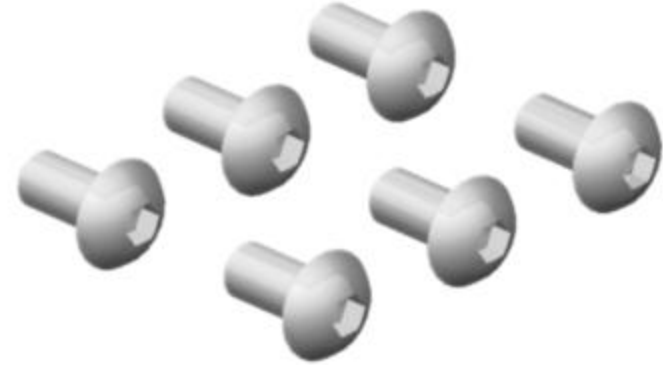


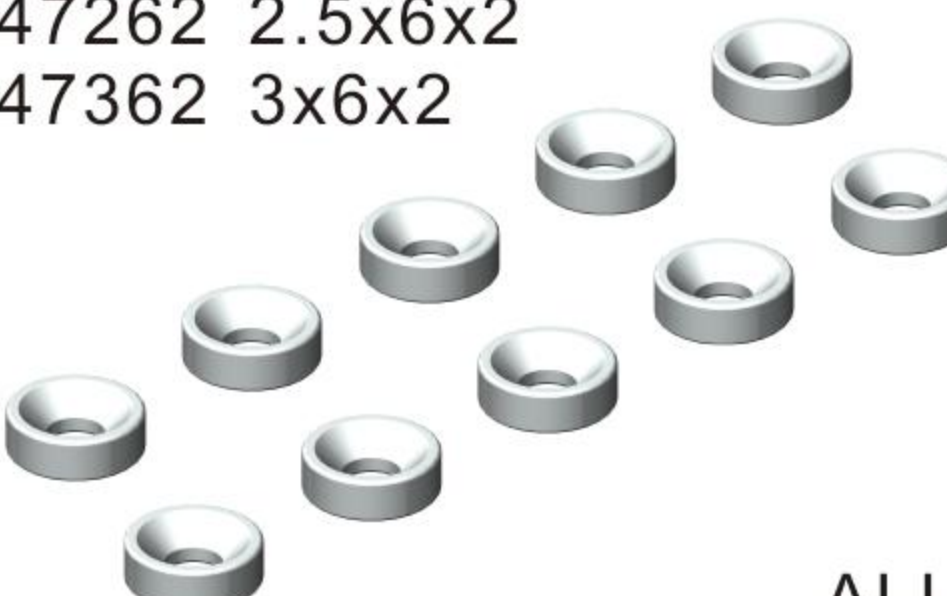
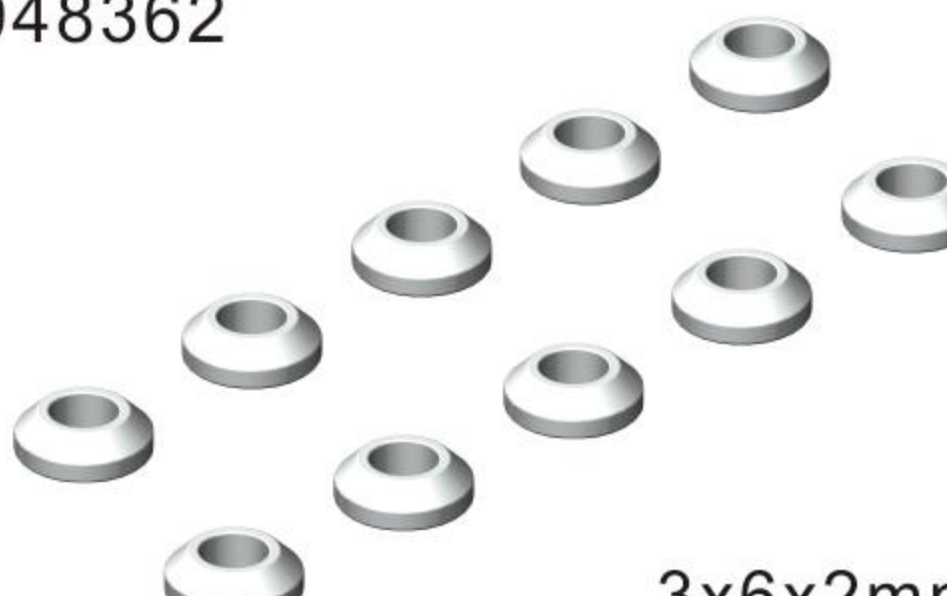
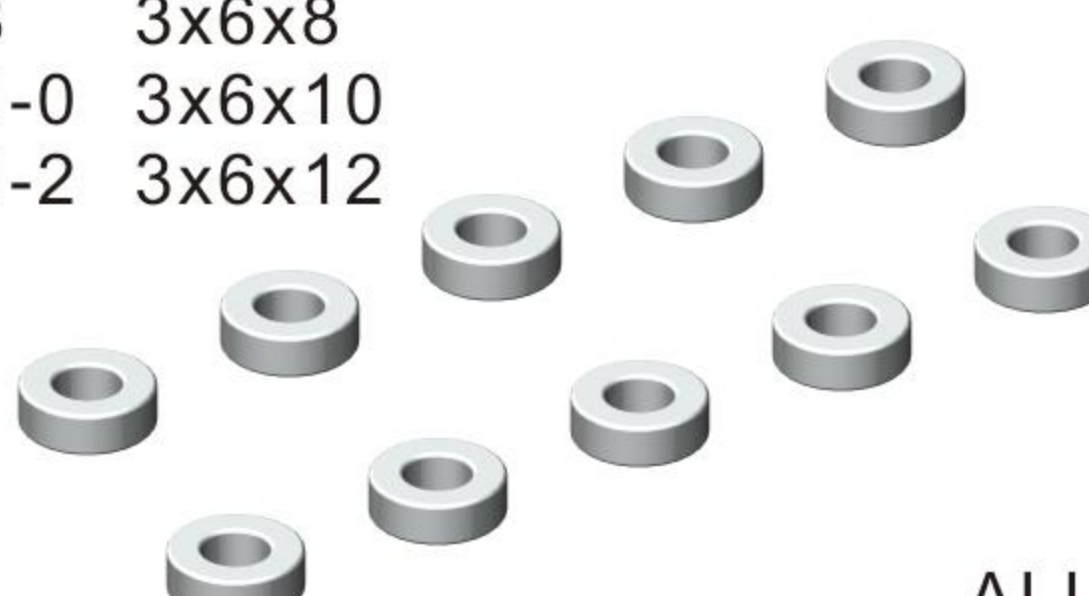



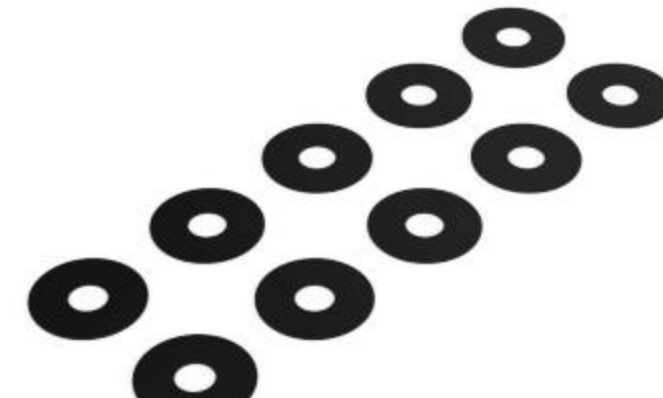
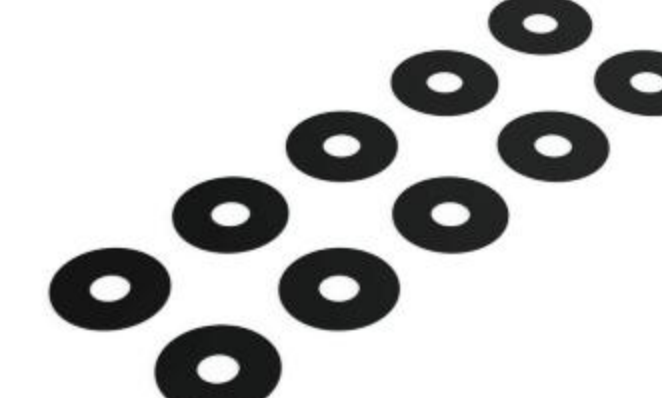
1/10 ELECTRIC TOURING CAR

<p>133406 3mm 133407 4mm</p> 	<p>163341</p>  <p>2.0mm</p>	<p>163342</p>  <p>3.0mm</p>	<p>163343</p>  <p>2.5mm</p>
REAR SIDE ANTI-ROLL STRENGTHEN PLATE	CARBON GRAPHITE CHASSIS (MATTE SURFACE)	GRAPHITE FRONT SHOCK TOWER	CARBON GRAPHITE REAR SHOCK TOWER (MATTE SURFACE)
<p>163344</p>  <p>2.0mm</p>	<p>163345</p>  <p>2.0mm</p>	<p>163346-L</p>  <p>2.5mm</p>	<p>163346-R</p>  <p>2.5mm</p>
CARBON GRAPHITE UPPER DESK	DIFFERENTIAL CUP-S2	GRAPHITE REAR ARM V2	GRAPHITE REAR ARM V2
<p>128456</p>  <p>2.0mm</p>	<p>169005</p> 	<p>125219</p>  <p>FF RR SUS 0.5mm</p>	<p>133421</p>  <p>S2</p>
GRAPHITE FAN SEAT MATTE	EASY MOUNT BATTERY HOLDER	GRAPHITE ARM STRENGTHEN PLATE	REAR SIDE ANTI-ROLL SHAFT (S2)
<p>133422</p> 	<p>133423</p> 	<p>950325</p>  <p>3x25</p>	<p>950318</p>  <p>3x18</p>
SHOCK ABSORBER UPPER SIDE DOUBLE BALL CAP	SHOCK ABSORBER BOTTOM SIDE DOUBLE BALL CAP	STEERING SHAFT	UPRIGHT PIVOT PIN
<p>929058</p> 	<p>929068</p> 	<p>919502 2G 919503 3G 919505 5G 919510 10G</p> 	<p>TP-TPG2404 24R TP-TPG2804 28R TP-TPG3204 32R TP-TPG3404 34R TP-TPG3604 36R</p>  <p>Team Powers 1/10</p>
MULTI LINK UPPER SWING ARM (CAR SHELL SUPPORT)	MULTI LINK UPPER SWING ARM	ROUND SHAPE BALANCE WEIGHT	RACE TYRE SUIT
<p>127662</p>  <p>24mm</p>	<p>127663</p>  <p>24mm</p>	<p>128401/611710</p>  <p>195x260</p>	<p>128402/611810</p>  <p>195x260</p>
SLICK TYRE SET	SLICK TYRE SET	D2 PULL CAR SHELL PC 195*260mm	GTR DRIFT CAR SHELL PC 195*260mm

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<p>128403/611610</p>  <p>195x260</p>	<p>128404/611620</p>  <p>195x260</p>	<p>128405/611630</p>  <p>195x260</p>	<p>128406/611820</p>  <p>195x260</p>
<p>FLAT CAR SHELL PC 195*260mm</p>	<p>FLAT CAR SHELL PC 195*260mm</p>	<p>TESLA FLAT CAR SHELL PC 195*260mm</p>	<p>AMG DRIFT CAR SHELL PC 195*260mm</p>
<p>924959</p>  <p>4.9xM3x8 16 H2.0</p>	<p>925800</p>  <p>5.8xL5x3.0</p>	<p>925801</p>  <p>5.8xL3xM3.0</p>	<p>924900</p>  <p>4.9xφ3.0</p>
<p>DOUBLE BALL END 4.9 WITH THREAD (BODY SUPPORTER)</p>	<p>BALL UNIVERSAL 5.8*3*7.5mm HEX</p>	<p>BALL UNIVERSAL 5.8*6mm HEX H3.0</p>	<p>DOUBLE BEVEL SHOULDERS 4.9x6mm</p>
<p>924904 M3x4 924906 M3x6 924908 M3x8 924910 M3x10</p>  <p>4.9xL4</p>	<p>924916 4.9xL6 M3x6 924918 4.9xL6 M3x8 924926 4.9xL8 M3x6 924936 4.9xL10 M3x6</p> 	<p>925805 M3x5 925806 M3x6 925808 M3x8 925810 M3x10</p>  <p>5.8xL4</p>	<p>925848</p>  <p>5.8xL12 M3X8</p>
<p>BALL END 4.9mm WITH THREAD H2.0</p>	<p>BALL END 4.9mm WITH THREAD H2.0</p>	<p>BALL END 5.8mm WITH THREAD</p>	<p>BALL END WITH THREAD H3.0</p>
<p>940060</p> 	<p>940100</p> 	<p>920718 18 mm 920745 45 mm 920720 20 mm 920755 55mm 920722 22 mm 920724 24 mm 920728 28 mm 920732 32 mm 920736 36 mm 920740 40 mm</p> 	
<p>BODY CLIP 6mm</p>	<p>LONG BODY CLIP 6MM</p>	<p>ROD STEEL SUS410</p>	
<p>920318 18 mm 920345 45 mm 920320 20 mm 920350 50 mm 920322 22 mm 920355 55mm 920324 24 mm 920328 28 mm 920332 32 mm 920336 36 mm 920340 40 mm</p> 		<p>915325 M3x2.5 915303 M3x3 915304 M3x4 915306 M3x6 915308 M3x8 915310 M3x10 915312 M3x12 915314 M3x14</p> 	
<p>ADJ. TURNBUCKLE L/R</p>		<p>HEX SET SCREW</p>	
<p>916205 M2x5 916256 M2.5x6 916251 M2.5x10 916308 M3x8 916310 M3x10 916312 M3x12</p> 		<p>917256 M2.5x6 917258 M2.5x8 917304 M3x4 917306 M3x6 917308 M3x8 917310 M3x10 917312 M3x12 917314 M3x14 917316 M3x16</p> 	
<p>HEX SOCKET CAP SCREW</p>		<p>HEX SCREW FLAT HEAD</p>	

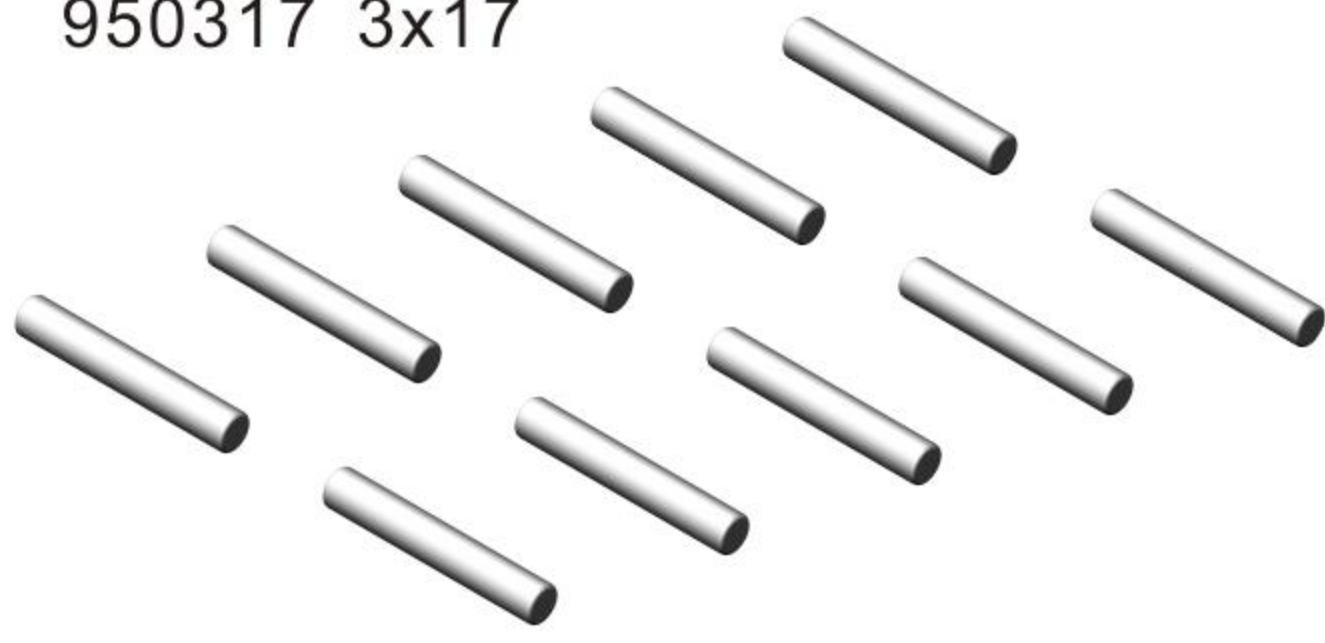
1/10 ELECTRIC TOURING CAR

<p>919300-Ti M3 919400-Ti M4 919301-Ti M3-F 919401-Ti M4-F 919402 ALU</p> 	<p>919300 M3 919400 M4 919301 M3-F 919401 M4-F</p> 	<p>918206 M2x6 918304 M3x4 918208 M2x8 918305 M3x5 918210 M2x10 918306 M3x6 918256 M2.5x6 918308 M3x8 918110 M2.5x10 918310 M3x10 918112 M2.5x12 918312 M3x12 918114 M2.5x14 918314 M3x14 918316 M3x16 918318 M3x18</p>  <p>M2/M2.5/M3</p>
<p>NUT</p>	<p>NUT STEEL</p>	<p>HEX SCREW ROUND HEAD</p>
<p>918304-Ti M3x4 Ti 918305-Ti M3x5 Ti 918306-Ti M3x6 Ti 918308-Ti M3x8 Ti 918310-Ti M3x10 Ti 918312-Ti M3x12 Ti 918314-Ti M3x14 Ti</p>  <p>M3Ti</p>	<p>918254-Ti M2.5x4 Ti 918256-Ti M2.5x6 Ti 918258-Ti M2.5x8 Ti 918110-Ti M2.5x10 Ti 918112-Ti M2.5x12 Ti 918114-Ti M2.5x14 Ti</p>  <p>M2.5Ti</p>	
<p>HEX SCREW ROUND HEAD Ti</p>	<p>HEX SCREW ROUND HEAD Ti</p>	
<p>917304-Ti M3x4 Ti 917305-Ti M3x5 Ti 917306-Ti M3x6 Ti 917308-Ti M3x8 Ti 917310-Ti M3x10 Ti 917312-Ti M3x12 Ti 917314-Ti M3x14 Ti</p>  <p>M3Ti</p>	<p>917254-Ti M2.5x4 Ti 917256-Ti M2.5x6 Ti 917258-Ti M2.5x8 Ti 917110-Ti M2.5x10 Ti</p>  <p>M2.5Ti</p>	
<p>HEX SCREW FLAT HEAD Ti</p>	<p>HEX SCREW FLAT HEAD Ti</p>	
<p>947262 2.5x6x2 947362 3x6x2</p>  <p>ALU</p>	<p>948362</p>  <p>3x6x2mm</p>	<p>940361 3x6x1 940368 3x6x8 940361-5 3x6x1.5 940361-0 3x6x10 940362 3x6x2 940361-2 3x6x12 940362-5 3x6x2.5 940363 3x6x3 940364 3x6x4 940365 3x6x5 940366 3x6x6</p>  <p>ALU</p>
<p>WASHER SFH SCREW FLAT HEAD-ALU</p>	<p>CONICAL SHIM-ALU</p>	<p>WASHER-ALU</p>
<p>940391 3x9x1 940391-5 3x9x1.5 940392 3x9x2</p>  <p>ALU</p>	<p>940025 2.5 940030 3.0 940040 4.0 940050 5.0</p> 	<p>930306 3x6x2.5 930510 5x10x4 930308 3x8x4 931015 10x15x4 930508 5x8x2.5 930612 6x12x4 930418 4x8x3F 930410 4x10x4 930518 5x8x2.5F</p> 
<p>WASHER ALU</p>	<p>E-CLIP</p>	<p>BALL-BEARING</p>
<p>940265 2.6x6 943593 3.5x 9x0.3 940272 2.6x7 943594 3.5x 9x0.4 940373 3.0x7x0.3 945101 5.0x10x0.1 940375 3.0x7x0.5 945102 5.0x10x0.2 943571 3.5x7x0.1 945121 5.0x12x0.1 943572 3.5x7x0.2 945122 5.0x12x0.2 943582 3.5x8x0.2 945123 5.0x12x0.3 943583 3.5x8x0.3 941502 12x15x0.2 943592 3.5x9x0.2 941503 12x15x0.3</p> 	<p>940483 4x 8x0.3 946144 6x14.5x0.4 944003 4x10x0.3 946153 6x15x0.3 944005 4x10x0.5 947005 7x12x0.5 945082 5x 8x0.2 948003 8x12x0.3 945083 5x 8x0.3 948005 8x12x0.5 946002 6x11.5x0.2 946003 6x11.5x0.3 946145 6x14x0.5</p> 	
<p>WASHER STEEL</p>	<p>WASHER STEEL</p>	

1/10 ELECTRIC TOURING CAR




951509 1.5x9	950317 3x17
951510 1.5x9.8	
951518 1.5x18	
950209 2x9	
950210 2x9.8	
950212 2x12	
950218 2x18	
950312 3x12	




PIN

960615 6x1.5	961002 10x2
960702 7x2	961124 11x2.4
960722 7x2.2	961301 13x1
960802 8x2	961401 14x1
960822 8x2.2	961501 15x1-13
960825 8x2.5	
960902 9x2	
690925 9x250	



SILICONE O-RING


994018 18T	994026 26T	994034 34T
994019 19T	994027 27T	994035 35T
994020 20T	994028 28T	994036 36T
994021 21T	994029 29T	994037 37T
994022 22T	994030 30T	994038 38T
994023 23T	994031 31T	994039 39T
994024 24T	994032 32T	994040 40T
994025 25T	994033 33T	



48P

PINION GEAR ALU HARD COATED 48P

996024 24T	996032 32T	996040 40T
996025 25T	996033 33T	996041 41T
996026 26T	996034 34T	996042 42T
996027 27T	996035 35T	996043 43T
996028 28T	996036 36T	996044 44T
996029 29T	996037 37T	996045 45T
996030 30T	996038 38T	
996031 31T	996039 39T	



64P

PINION GEAR ALU HARD COATED 64P

994013 48P 18-30T
996010 64P 24-34T
996011 64P 35-45T



48P

PINION GEAR ALU HARD COATED 48P


996010 64P 24-34T
996011 64P 35-45T



64P


PINION GEAR ALU HARD COATED 64P

994072 72T 48P	996110 110T 64P
994078 78T 48P	996110-WH 110T 64P
994081 81T 48P	996116 116T 64P
994084 84T 48P	996116-WH 116T 64P
994087 87T 48P	
994084-WH 84TPOM 48P	
994087-WH 87TPOM 48P	




SPUR GEAR

909006 SINGLE BEARING OIL
909007 HIGH SPEED BEARING OIL
909008 SEAL OIL
909009 HIGH STRENGTH SCREW GLUE
909010 MEDIUM STRENGTH SCREW GLUE
909011 STICKY RUBBER
909012 FUEL LUBRICATION ADDITIVE



OIL

900100 THE DIFFERENTIAL OIL
900050 SHOCK ABSORBER OIL
909001 GRAPHITE OIL
909002 ENGINE AFTER RUN OIL
909003 AIR FILTER OIL
909004 ONE-WAY LUBE
909005 CERAMIC BEAD OIL



OIL

FFV4 GEAR RATIO CONFIGURATION TABLE

48p		min106T / max124T 32T:20T(i20)					32T:18T i18=i20/0.9						32T:16T i16=i20/0.8						32T:14T i14=i20/0.7						
Spur gear	Motor gear	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	
72	Gear Ratio (i20)																	3.39	3.29	3.20	3.11	3.03	2.95	2.88	
75															3.87	3.75	3.64	3.53	3.43	3.33	3.24	3.16	3.08	3.00	
78												4.46	4.30	4.16	4.03	3.90	3.78	3.67	3.57	3.47	3.37	3.28	3.20	3.12	
81										5.18	4.98	4.80	4.63	4.47	4.32	4.18	4.05	3.93	3.81	3.70	3.60	3.50	3.41	3.32	3.24
84						6.11	5.84	5.60	5.38	5.17	4.98	4.80	4.63	4.48	4.34	4.20	4.07	3.95	3.84	3.73	3.63	3.54	3.45	3.36	
87		7.33	6.96	6.63	6.33	6.05	5.80	5.57	5.35	5.16	4.97	4.80	4.64	4.49	4.35	4.22	4.09	3.98	3.87	3.76	3.66	3.57			

64p		min142T / max165T 32T:20T(i20)					32T:18T i18=i20/0.9						32T:16T i16=i20/0.8						32T:14T i14=i20/0.7						
Spur gear	Motor gear	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45			
98	Gear Ratio (i20)																				3.56	3.48			
104															4.38	4.27	4.16	4.06	3.96	3.87	3.78	3.70			
110										5.50	5.33	5.18	5.03	4.89	4.76	4.63	4.51	4.40	4.29	4.19	4.09	4.00	3.91		
116			7.14	6.87	6.63	6.40	6.19	5.99	5.80	5.62	5.46	5.30	5.16	5.02	4.88	4.76	4.64	4.53	4.42	4.32	4.22	4.12			

