



S104 EVO

1/10 Off Road Racing Electric Buggy

SWORKz S104 EVO INSTRUCTION MANUAL



INSTRUCTION

During the early 2015 Reedy race, SWORKz has developed and prepared a new concept S104 EVO for our brand ambassador Atsushi Hara to race with.

The revised S104 has new parts similar to that of the SWORKz 1/8 FCSS and EVO II system. It is equipped with brand new shocks and has new suspension geometry. The centre diff is standard but can also be easily fitted with a new centre slipper clutch system.

The S104 EVO comes with new stronger arms to better its overall balance and performance

Using our 1/8th buggy material knowledge we produced the S104 EVO series. We believe the S104 EVO will be very strong in the 1/10 buggy scale field and it is also a good balance weight car. The SWORKz S104 EVO 4WD buggy with its FCSS chassis design comes standard with the SWORKz X-system transmission that provides excellent car acceleration. Equipped with New Big Bore Shocks and 3 oil filled gear differentials, the S104 EVO delivers good traction and balance on any off road track. We are following the pivot ball steering system as our 1/8s to give the driver a good feel of the S104 buggy.

The SWORKz S104 EVO 4WD buggy with a stiff 7075 aluminum chassis design, comes standard with SWORKz X-system transmission system. Equipped with full option aluminum parts, Big Bore Shocks and oil filled gear differentials, the S104 EVO delivers good traction and balance. Following the pivot ball steering system from SWORKz 1/8th EVO II buggy, it gives the driver a good feel of the S104 buggy.

The S104 EVO can be fitted with either the saddle pack Li-Po battery or the shorty pack.

In order to withstand the brushless motor's powerful torque, the S104 EVO Pro comes standard with full CNC gear system and CVD drive shafts.

14mm hex wheel hubs are used so that the wheel can last when using the high power brushless motors.

Congratulations on your purchase of the new SWORKz S104 EVO 1/10 scale off-road racing buggy pro kit.

Please read this manual thoroughly, before you attempt to start or drive your S104 EVO. This manual contains step-by-step instructions to help you complete, prepare for startup, and fine-tune your Buggy. Updates, setups, and product news will be posted on our website (www.sworkz.com), so check often.

As always, if you should ever have any questions or need help with your S104 EVO, please feel free to contact our official SWORKz dealers and distributors, as they will be glad to help you. You may also contact us at any time for the most up to date information and support.

S104 EVO Pro Kit Features :

1. Standard with SWORKz X-System transmission gear system.
2. New Full Oil System Big Bore Shocks.
3. New Strengthen Carbon Fiber shock towers with New Geometry Shock Position.
4. SWORKz F.C.S.S. with B.H.C. Chassis Design.
5. New Strengthen Material arms with new suspension geometry.
6. New Centre Diff System.
7. Aluminum Easy Fit for Motor Holder with Center Diff. Mount.
8. 14mm Hex Wheel Hub system
9. Pivot Ball Steering System
10. New Adjustable Steering Plate with New Bell Crank System.
11. Full aluminum in arm holders and toe in plates.
12. Fits 2 types of Li-Po batteries. (Saddle pack and Shorty park)

Specification	
Length:	385mm
Width:	248mm
Height:	158mm
Ground Clearance:	48mm
Wheelbase:	275-278mm
Track:	F:223mm / R:228mm
Gear Ratio:	C:87T, F/R 42/17T
Weight:	1720g~1820g



WARRANTY

Your SWORKz S104 EVO kit warranty covers workmanship and manufacturing defects of the original and unmodified parts. Warranty claims resulting from crashes, abuse, improper operation, improper mounting, improper adjustment or lack of maintenance will not be honored.

Contact your local hobby shop or SWORKz distributor for all claims and questions. Claims must be well documented. All Claims are subject to expert examination approval by SWORKz



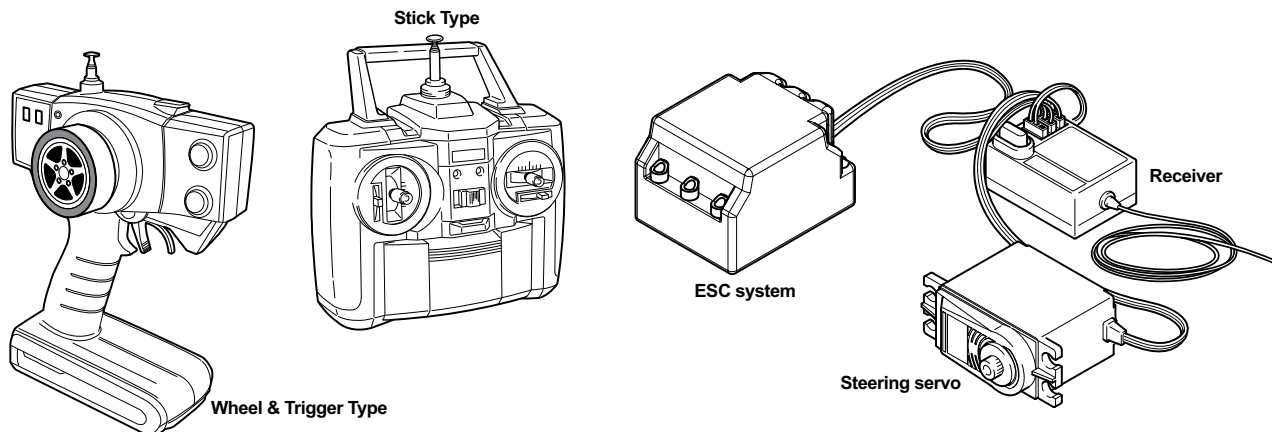
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Operation guide	13
Assembly steps	14-39
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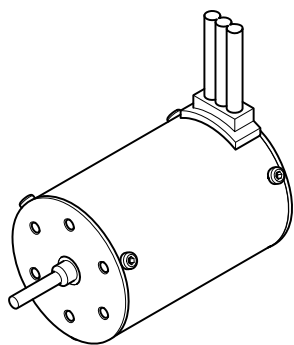
This radio control racing car is not a toy!
This high-performance R/C model is recommended for ages 14 and older.

Required Equipment for Operation

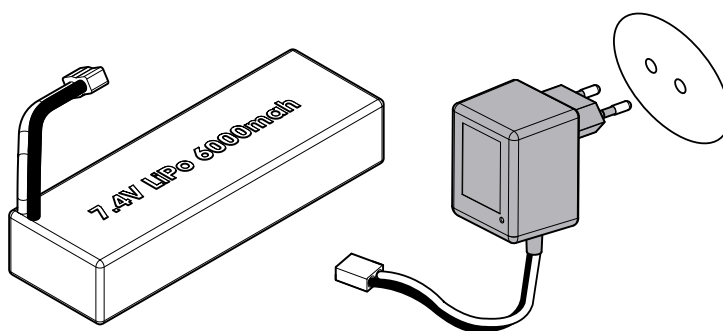
Radio Gear



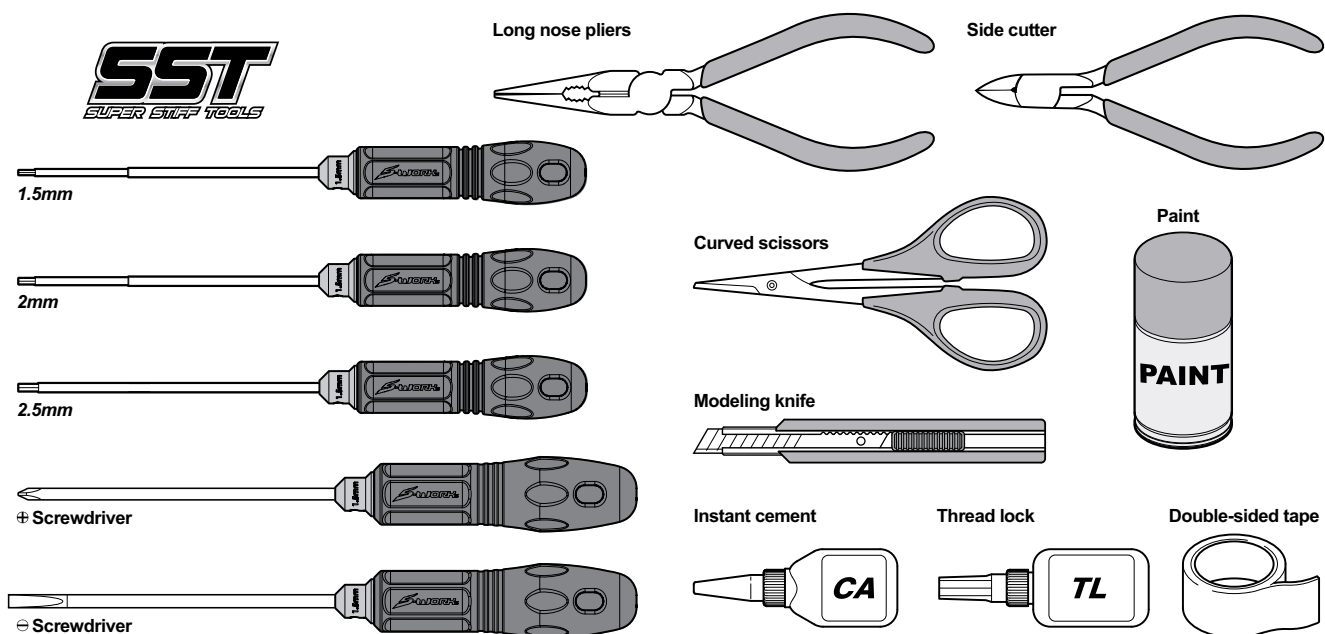
Breshless Motor



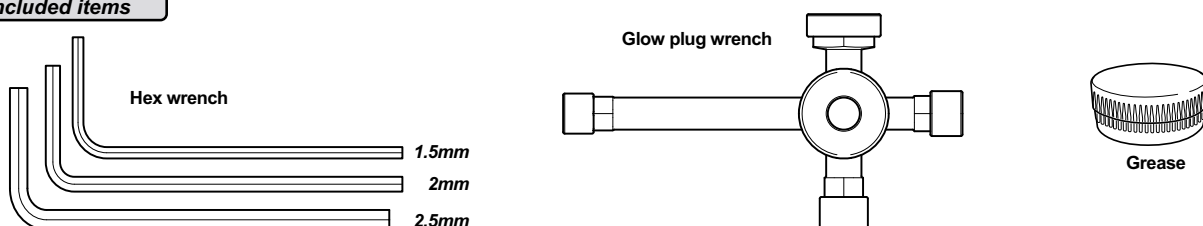
Charger and LiPo Battery



Tools Recommended



Included items





104004
M3x3mm Set Screw x5



104005
M3x4mm Set Screw x4



104009
M3x16mm Set Screw x3



104008
M4x4mm Set Screw x4



105004
M2.6x6mm Cap Screw x4



106014
M2x6mm Hex Scket OH/TP Screw x4



106018
M3x3mm Hex Socket OH/TP Screw x6



106015
M3x5mm Hex Socket OH/TP Screw x7



106010
M3x6mm Hex Socket OH/TP Screw x15



106001
M3x8mm Hex Socket OH/TP Screw x11



106002
M3x10mm Hex Socket OH/TP Screw x16



106008
M3x12mm Hex Scket OH/TP Screw x6



106005
M3x15mm Hex Scket OH/TP Screw x2



108020
M2x4mm FH/ST HEX Screw x4



108017
M2.6x10mm FH/ST HEX Screw x12



108007
M3x6mm FH/ST HEX Screw x9



108006
M3x8mm FH/ST HEX Screw x20



108003
M3x10mm FH/ST HEX Screw x12



108001
M3x12mm FH/ST HEX Screw x12



108018
M3x30mm FH/ST HEX Screw x4



330331
Steering Linkage Ball Stud 4.1mm x2



330643
Steering Linkage Ball Stud 5mm x8



330155
Rear Upper Sus. Arm Turnbuckles x4



330314
Steering Knuckle Pivot Ball Turnbuckle x4



330315
Sway Bar Ball Stud x4



330312A
Aluminum Shock Cap Studk x2



330597
Aluminum Shock Cap Studk x2



330134
Shock Ball Stud x4



330294
CVD Axle x4



101012
Washer M3x6xT0.5mm **x6**



101011
Shock Washer 2.6x6x0.5mm **x4**



330305
Shock Washer 3.3x6.7x1mm **x4**



101025
Shim 3.5x10x0.1mm **x12**



101023
10x12x0.1mm S104 Shim **x6**



101024
10x12x0.2mm S104 Shim **x2**



117004
Bushing 5x8x2.5mm **x4**



117003
Flange Ball Bearing 3x6x2.5mm **x4**



116017
Ball Bearing 6x12x4mm **x4**



116013
Ball Bearing 10x15x4mm **x14**



330295
CVD Join **x6**



330545
Shock Washer 3.3x6.5x2.5mm **x8**



330316A
Aluminum Knuckle Pivot Ball Washer 2mm **x2**



330283
Pin M2x10mm **x12**



330285
Pin M2x14mm **x4**



330279
Bevel Gear Shaft **x6**



330293
Rear Hub Carriers Hing Pin **x2**



330332
Front Upper Arm Hing Pin **x2**



330292
Front/Rear Lower Arm Hing Pin **x4**



330532
Shock Shaft S **x2**



330531
Shock Shaft L **x2**



400018A
Shock Seal O-ring 2x2.7mm **x8**



400002
O-ring S5 4.8x1.5 **x6**



400008
O-ring for Pinion Gear **x2**



410049
1/10 Shock Seal Cap O-ring 8x10x1mm **x4**



410047
S102 Shock Cap O-Ring (SP) **x4**



400014
O-Ring 1.5x13.5mm **x4**



103001
M3 Nut Lock **x8**



103003A
Flange M3 Nut Lock **x1**



101020A
3mm Countersunk Washers (RD) **x9**



330469A
Wheel Hub **x4**



330298A
S104 Wheel Nut 14mm **x4**



115131
Servo Saver Spring **x1**



115062
1/10 Body Clip **x2**



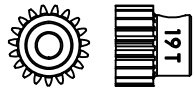
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Aluminum Shock Seal Cover **x4**



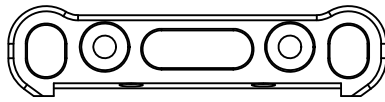
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Shock Piston 1.5mmx2 holes **x4**



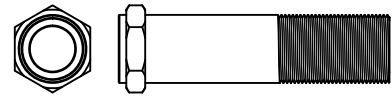
330304A
Aluminum Shock Spring Adjust Nut **x4**



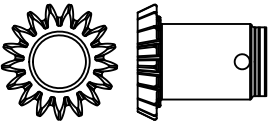
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S104 Motor Gear 19T **x1**



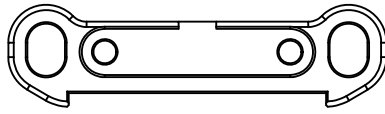
330598
S104 EVO Front Lower Arm Holder **x1**



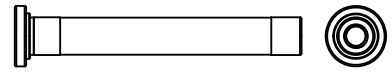
330328
Servo Saver Post **x1**



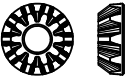
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Pinion Gear 17T **x2**



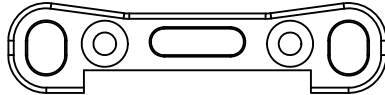
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S104 EVO Rear Lower Arm Holder **x1**



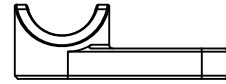
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Servo Saver Shaft **x2**



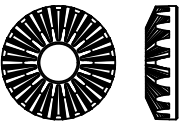
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Diff. Bevel Gear 10T **x12**



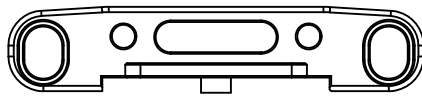
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S104 EVO Front Lower Suspension Plate **x1**



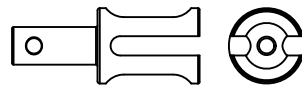
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Aluminum Steering Bellcrank A Upper **x1**



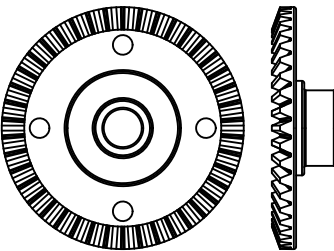
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Diff. Bevel Gear 18T **x6**



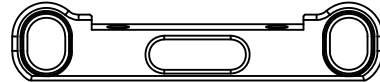
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S104 EVO Aluminum Rear Lower Arm Plate(0-3.0D) **x1**



330282
Front/Rear Diff. Outdrive **x6**



330284
Crown Gear 42T **x2**



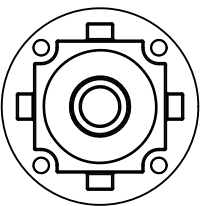
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S104 Aluminum Front Upper Arm Holder (BK) **x1**



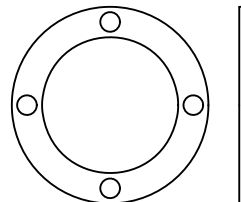
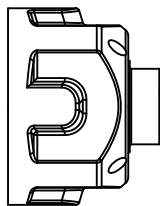
330329
Servo Saver Nut **x1**



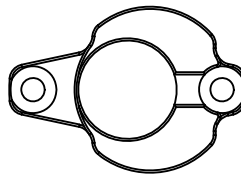
330604
S104 EVO Aluminum Center Motor Mount Cover **x1**



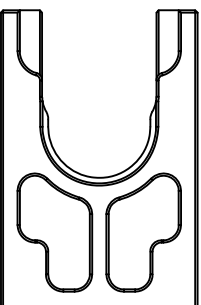
200463
Diff. Case **x3**



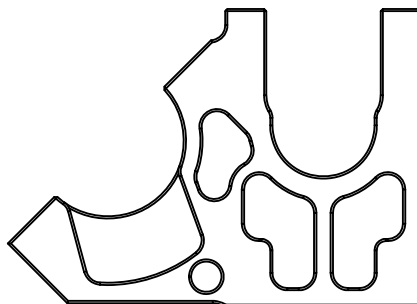
610012
Diff. Gasket(0.4T) **x3**



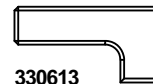
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S104 EVO Aluminum Motor Adjust Mount **x1**



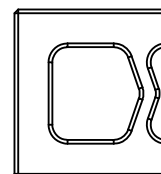
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S104 EVO Aluminum Center Diff/Slipper Clutch Mount **x1**



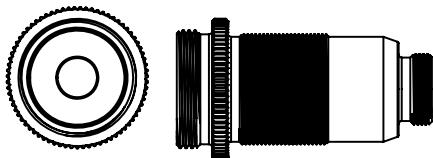
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S104 Aluminum Center Slipper Clutch Mount for Motor **x1**



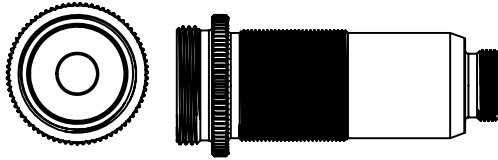
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Aluminum Servo Post **x1**



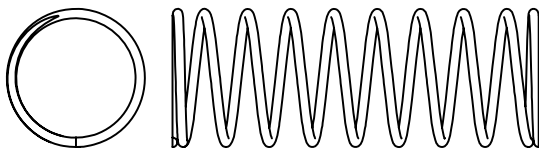
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Aluminum Servo Holder **x1**



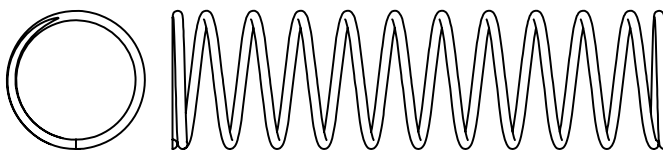
330530
S104EVO/102 Shock Body (S) **x2**



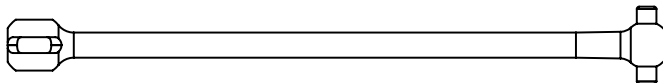
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S104EVO/102 Shock Body (L) **x2**



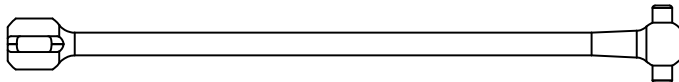
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S104EVO/S102 Front Shock Spring(1.3P5.5) **x2**



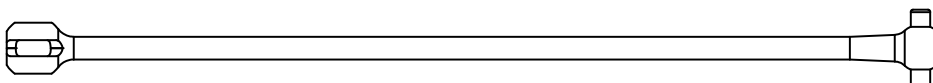
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S104EVO/S102 Rear Shock Spring(1.2Px6.0) **x2**



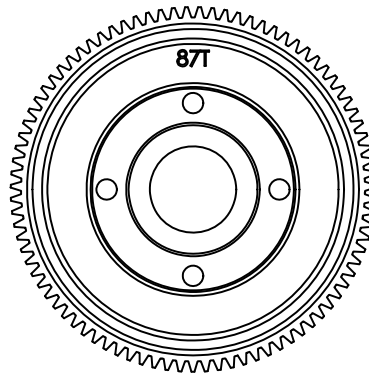
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F/R Drive Shaft 78mm **x4**



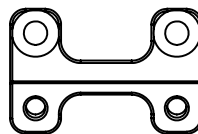
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S104 EVO Front Center Drive Shaft 80mm **x1**



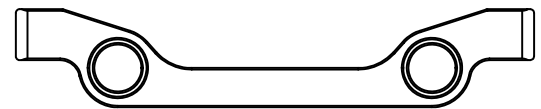
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S104 EVO Rear Center Drive Shaft 113mm **x1**



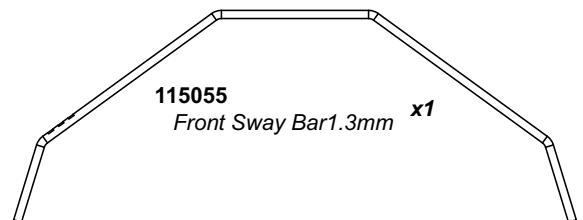
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Center Gear Diff 87T Spur Gear (48DP) **x1**



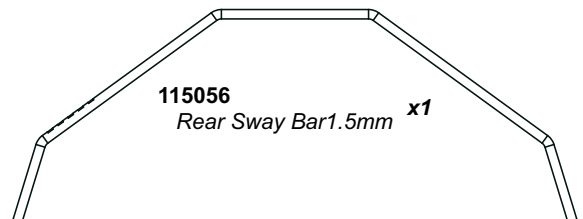
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Aluminum Rear Center Support Holder **x1**



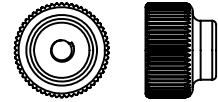
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Servo Saver Steering Plate **x1**



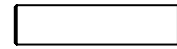
115055
Front Sway Bar1.3mm **x1**



115056
Rear Sway Bar1.5mm **x1**



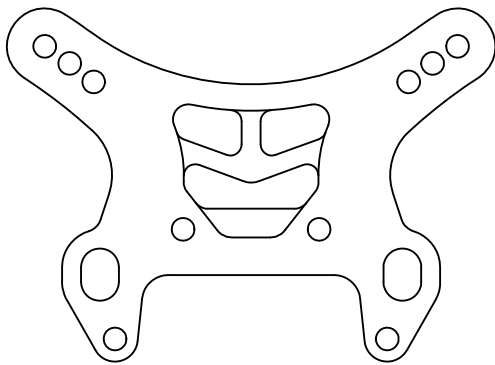
330338A
S104 Aluminum Battery Holder Nut (GM) **x1**



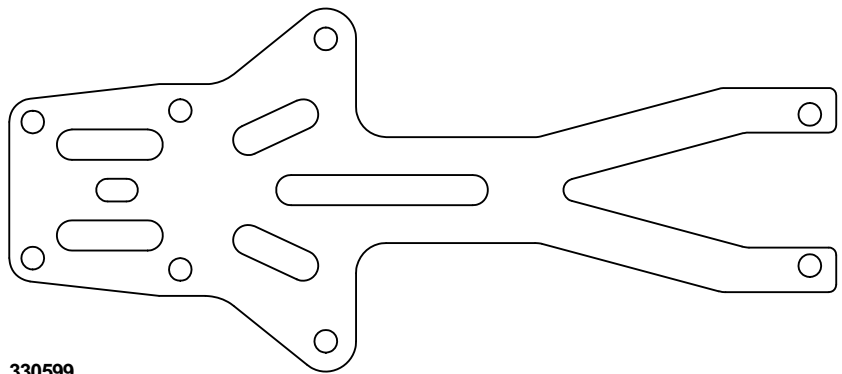
330473
Battery Case Support **x2**



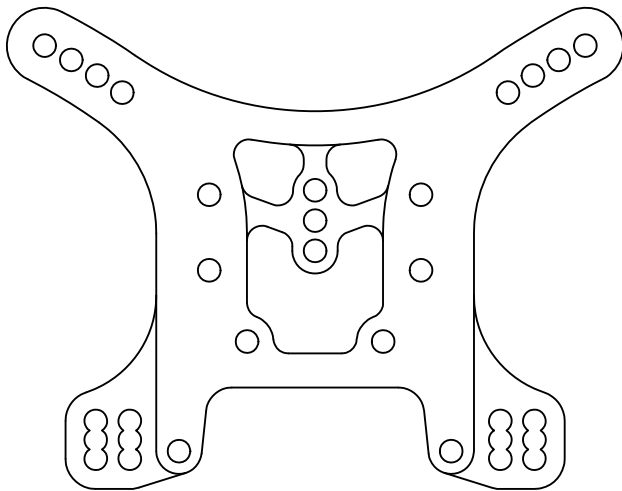
330546
S102 Shock Cap (SP) **x4**



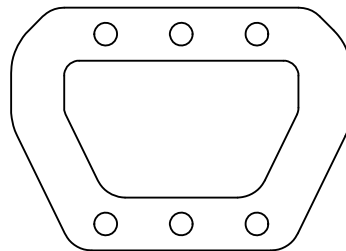
330476
Front Pro-composite Carbon Shock Tower **x1**



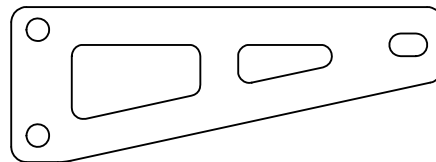
330599
Pro-composite Carbon Center Support (Front) **x1**



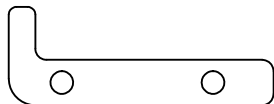
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Rear Pro-composite Carbon Shock Tower **x1**



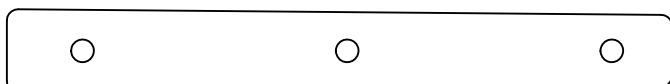
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Pro-composite Carbon Center Diff/Slipper Clutch Cover **x1**



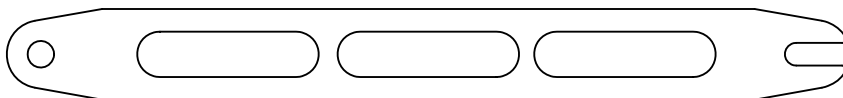
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Pro-composite Carbon Servo Linkage Plate **x1**



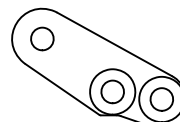
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Pro-composite Carbon Battery Case **x2**



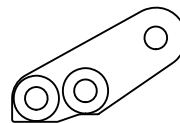
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S104 EVO Pro-composite Carbon Chassis Brace **x1**



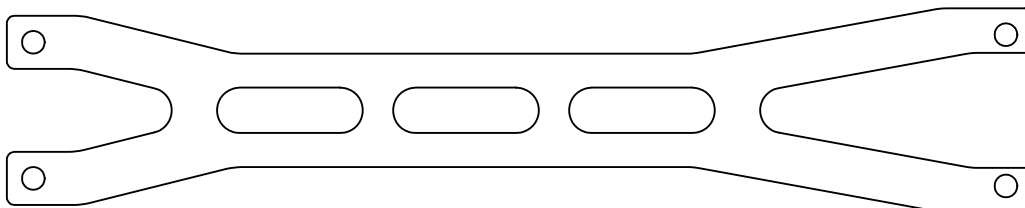
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2015 S104 EVO Shorty Pack Pro-composite Carbon Battery Holder **x1**



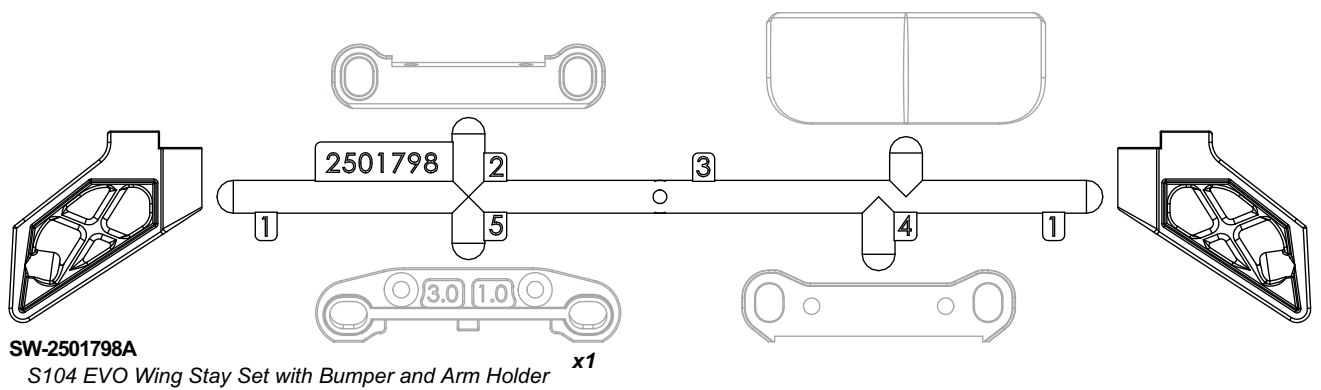
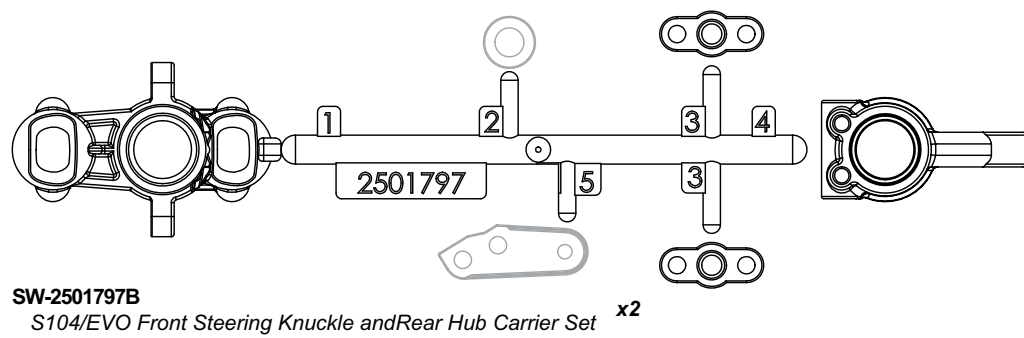
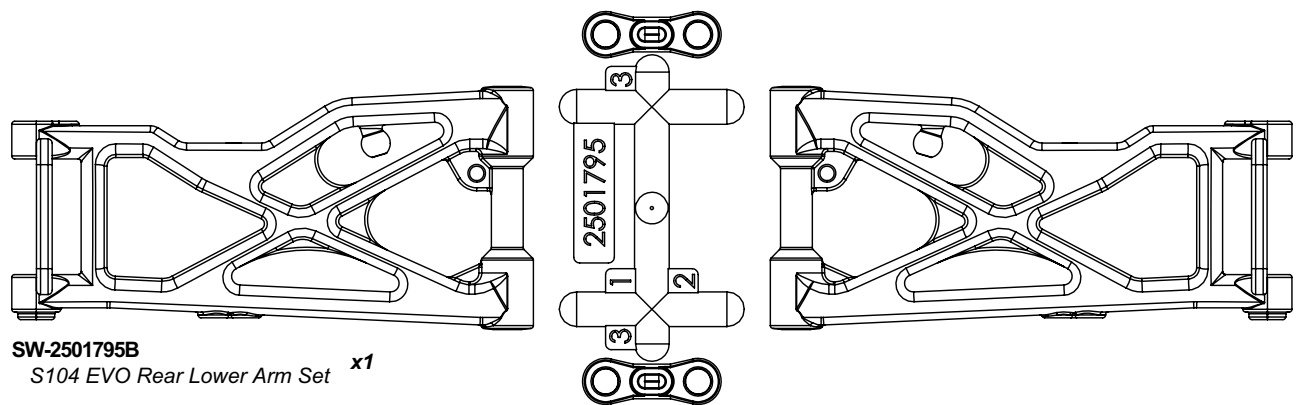
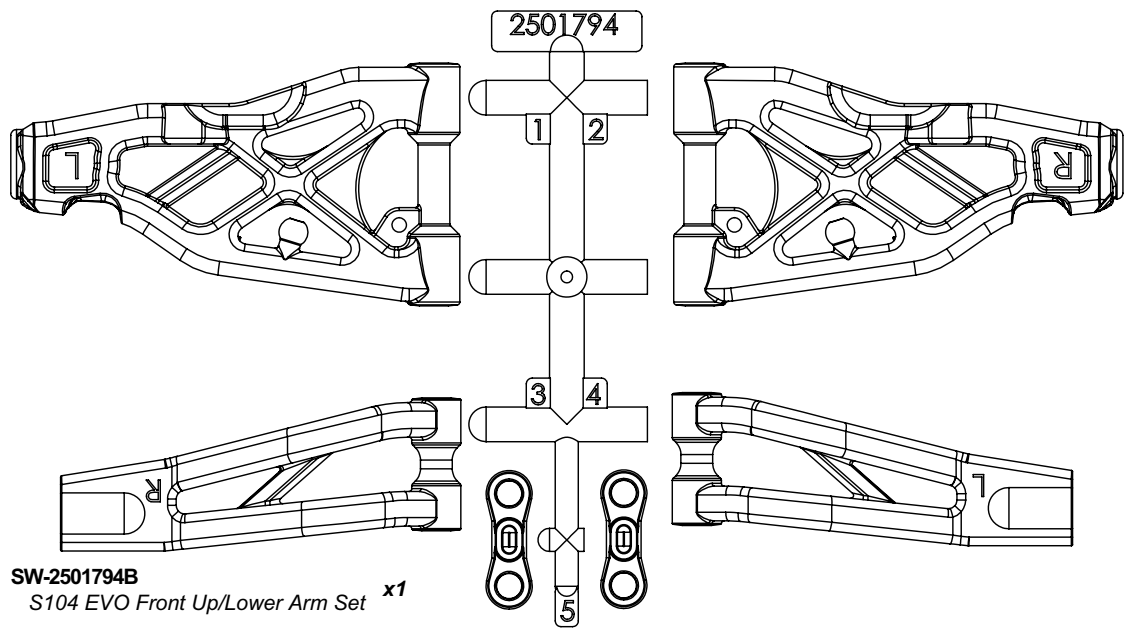
330347A
S104 Pro-composite Carbon Steering Knuckle Plate (L) **x1**

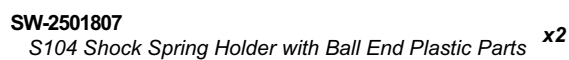
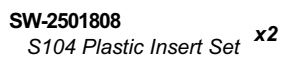


330348A
S104 Pro-composite Carbon Steering Knuckle Plate (R) **x1**



330609
Pro-composite Carbon Center Support (Rear) **x1**

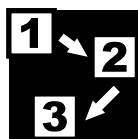




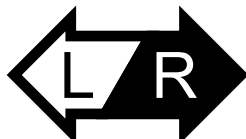
Operation Guide



Assemble front and rear



Assemble in the specified order



Assemble both left and right sides



Assemble for 2 sets



Assemble for 4 sets



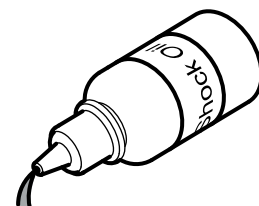
overturn



Thread Locking Compound



Grease



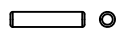
Pure Silicone Oil

Safety Precautions

The SWORKz S104 EVO is a high performance radio control model which needs to be operated with caution and common sense.

The S104 EVO Pro Kit is not intended for children under the age of 14 without adult supervision. SWORKz shall not be held liable for any loss or damages, whether direct, indirect, act of nature, arising from abuse or misuse of this product or any other product required.

- The LiPO Battery can be dangerous if improperly handled.
- Always keep your LiPO Battery in a cool area and never use it near flames, sparks, or while smoking.
- Keep your LiPO Battery, and all other flammables, out of the reach of children.
- After running your car, all parts of the Motor and ESC can become extremely hot. Be careful not to touch these parts.
- This model is controlled by your radio controller and can be vulnerable to interference from many outside sources. This interference can cause a loss of control so it is necessary to operate this model in an open area to avoid personal or property damage. Always ensure turning on your radio first.
- Keep all the products included in the package out of the reach of children.
- This model contains many fast rotating parts. Never touch them during operation.
- Follow the instructions included with your radio gear.
- Never operate your model near people or property. The speed of this model has the potential to injure people and or damage property if misused.
- Always use original SWORKz spare parts and option parts.
- Always ensure that the buggy is in proper working condition before use.
- Always exercise caution when using any tools.



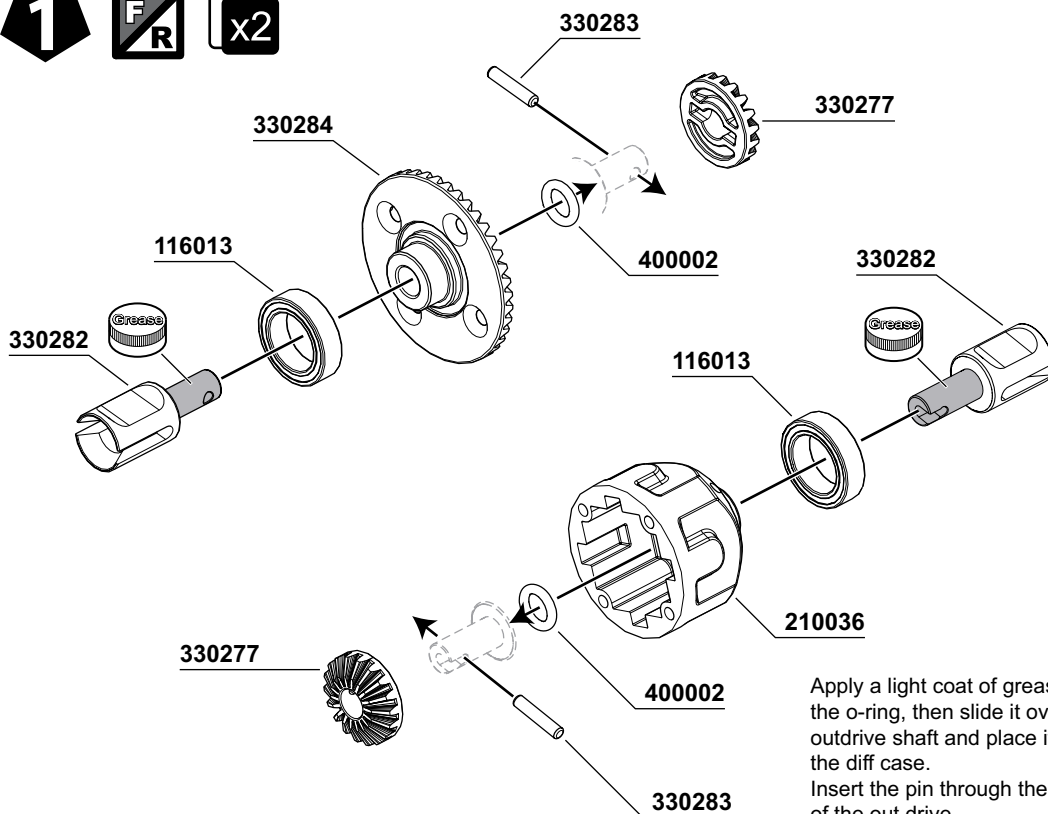
330283
Pin M2x10mm **x4**



400002
O-ring S5 4.8x1.5 **x4**



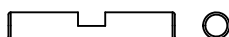
116013
Ball Bearing 10x15x4mm **x4**



Apply a light coat of grease to the o-ring, then slide it over the outdrive shaft and place it in the diff case.
Insert the pin through the hole of the out drive.



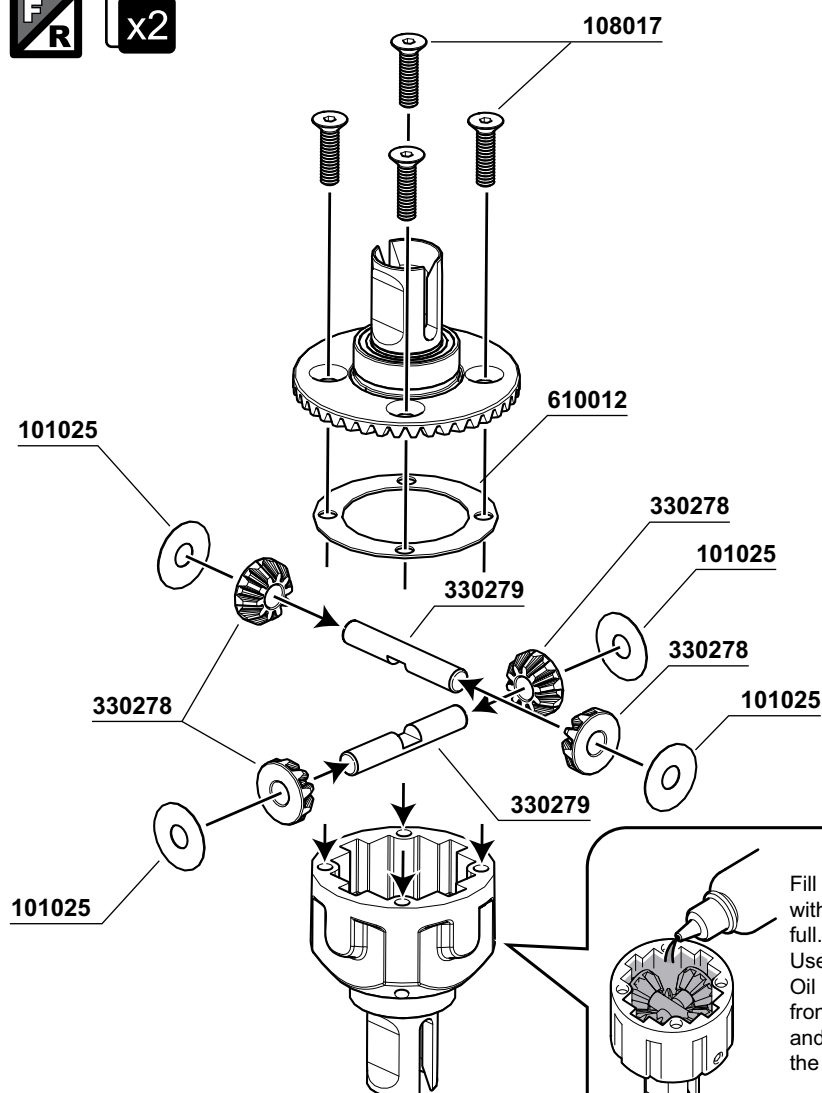
108017
M2.6x10mm FH/ST HEX Screw **x8**



330279
Bevel Gear Shaft **x4**

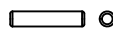


101025
Shim 3.5x10x0.1mm **x8**



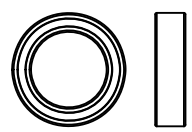
Fill the differentials with oil up to 80% full.
Use SWORKz diff. Oil 5000cps for the front Diff.
and 5000cps for the rear Diff.

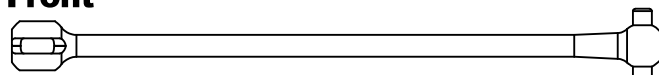
BAG D**BAG M**

 **330283**
Pin M2x10mm x2

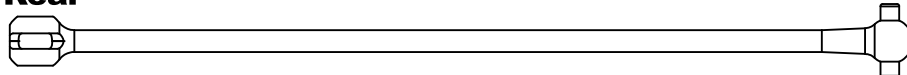
 **330295**
CVD Join x2

 **400008**
O-ring for Pinion Gear x2

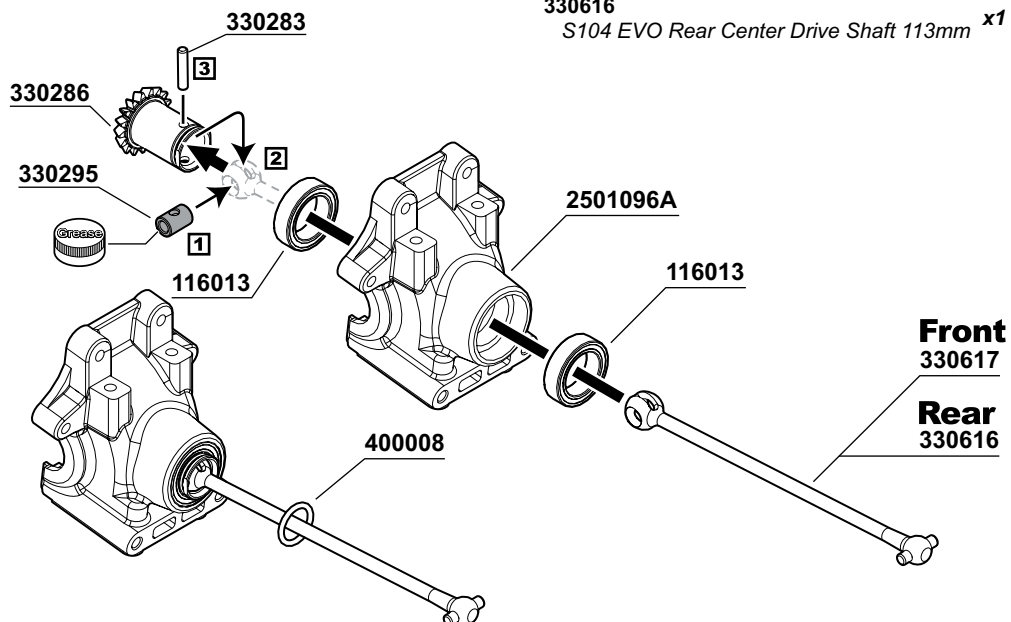
 **116013**
Ball Bearing 10x15x4mm x4

3**F R****x2****1 2 3****Front**

330617
S104 EVO Front Center Drive Shaft 80mm x1

Rear

330616
S104 EVO Rear Center Drive Shaft 113mm x1

**Front****Rear**

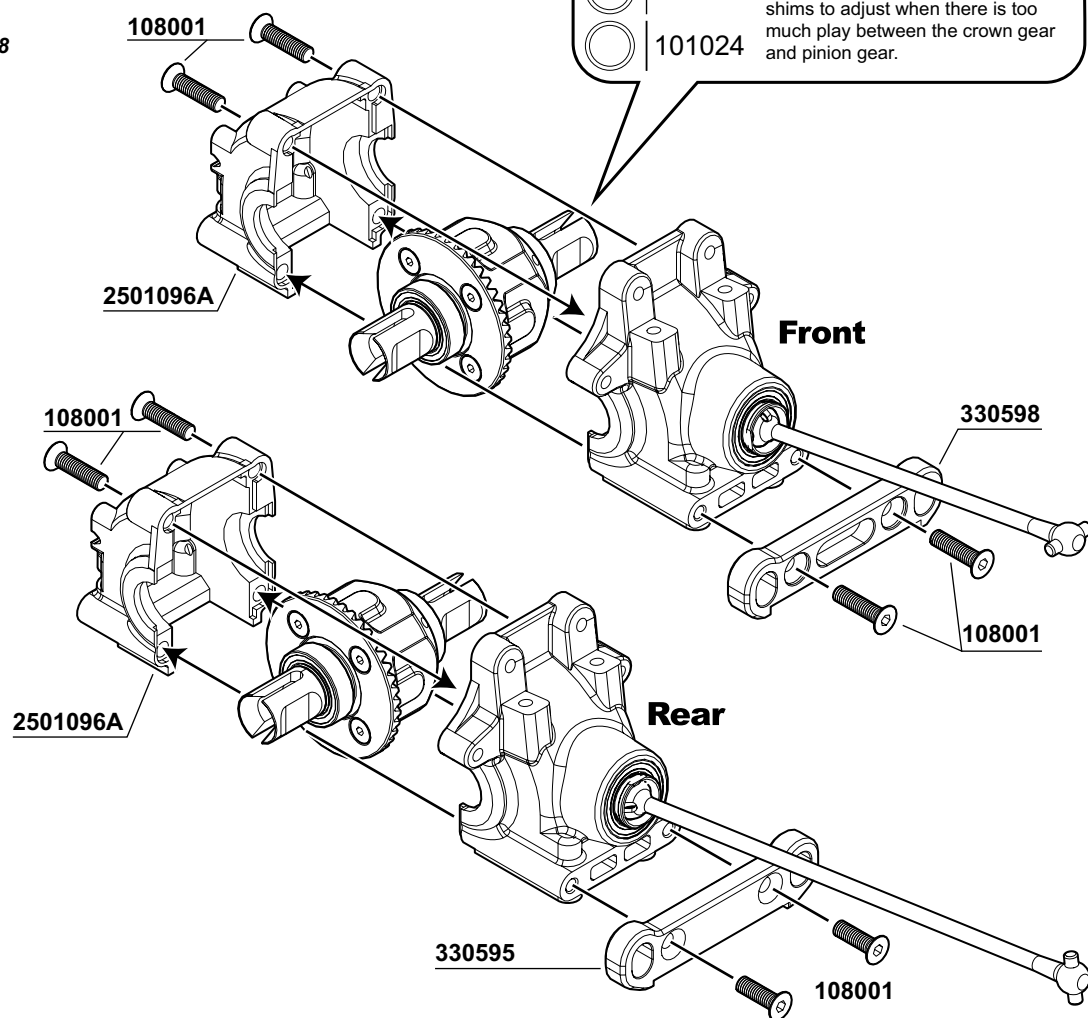
108001
M3x12mm FH/ST HEX Screw x8

 **101023**
10x12x0.1mm S104 Shim x6

 **101024**
10x12x0.2mm S104 Shim x2

4**F R****x2****101023**

Use 10x12x0.1mm or 10x12x0.2mm shims to adjust when there is too much play between the crown gear and pinion gear.

101024**Front****Rear**

BAG D

5

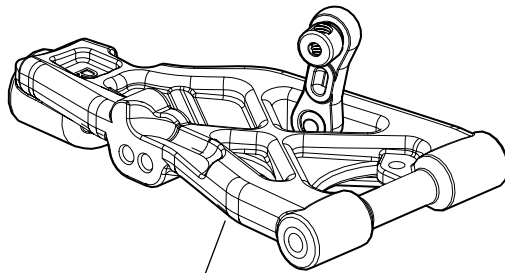
R L

x2

BAG M



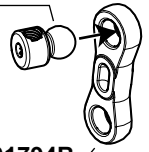
330315
Sway Bar Ball Stud **x2**



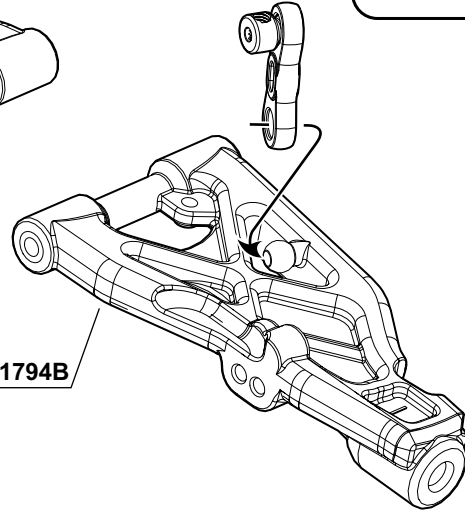
2501794B

Front

330315



2501794B

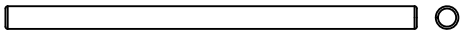


2501794B

6

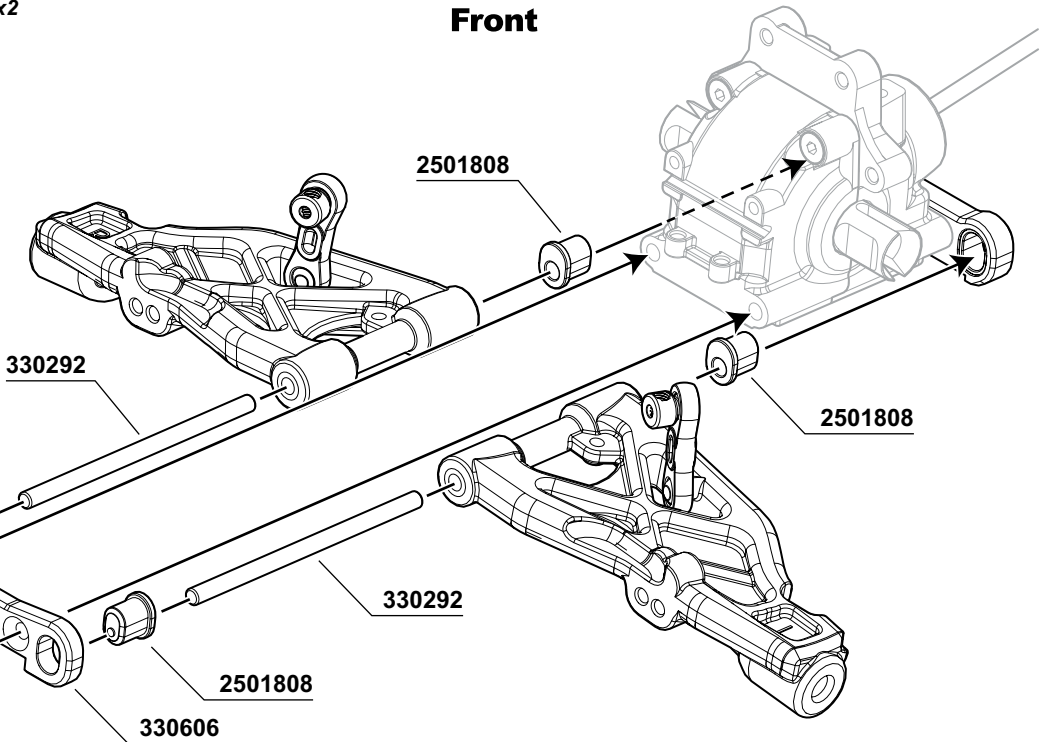


108018
M3x30mm FH/ST HEX Screw **x2**



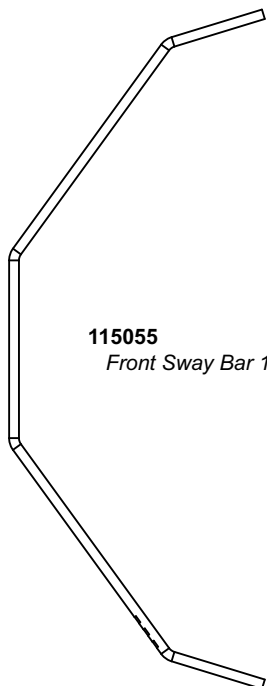
330292
Front/Rear Lower Arm Hing Pin **x2**

Front



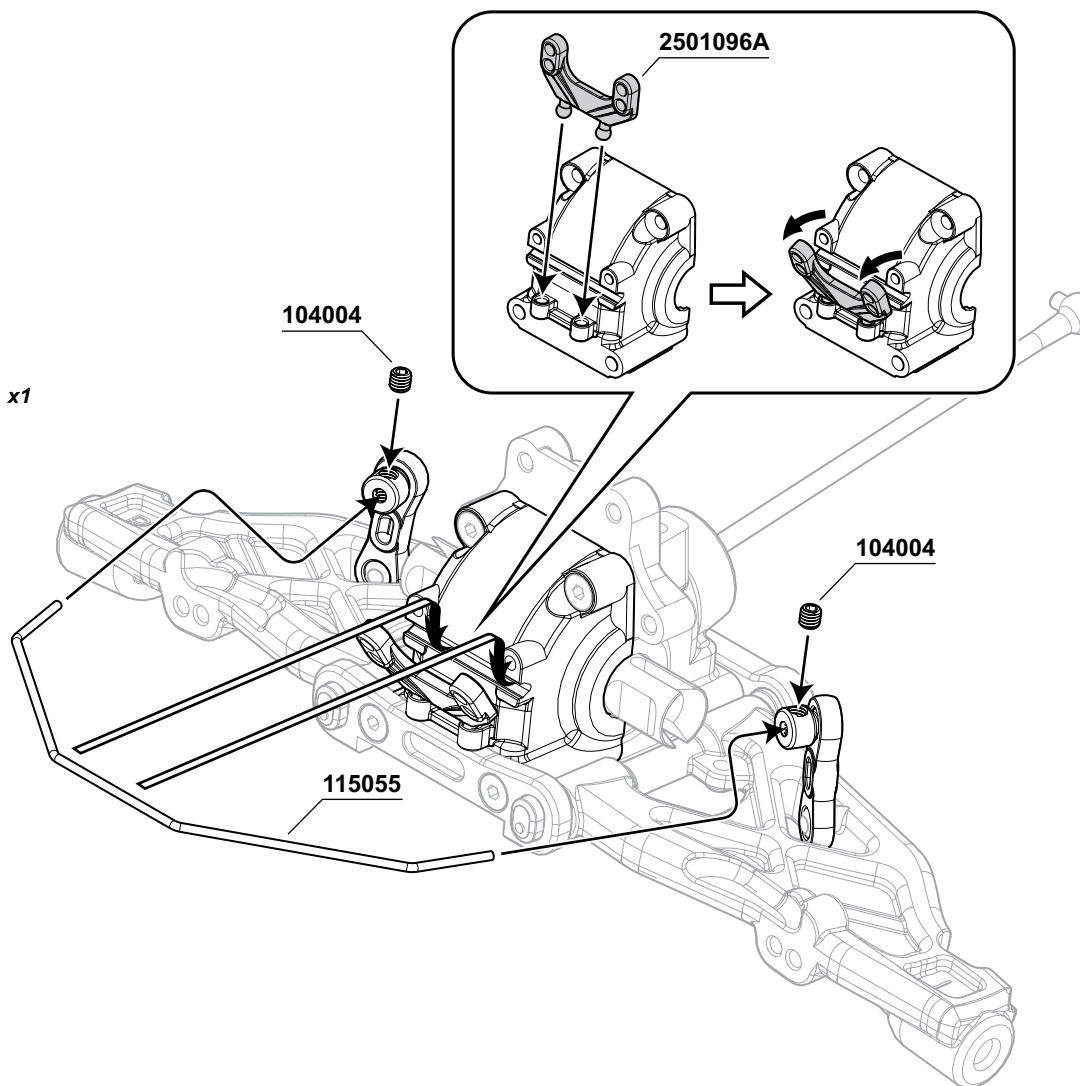


104004
M3x3mm Set Screw x2



115055
Front Sway Bar 1.3mm x1

7

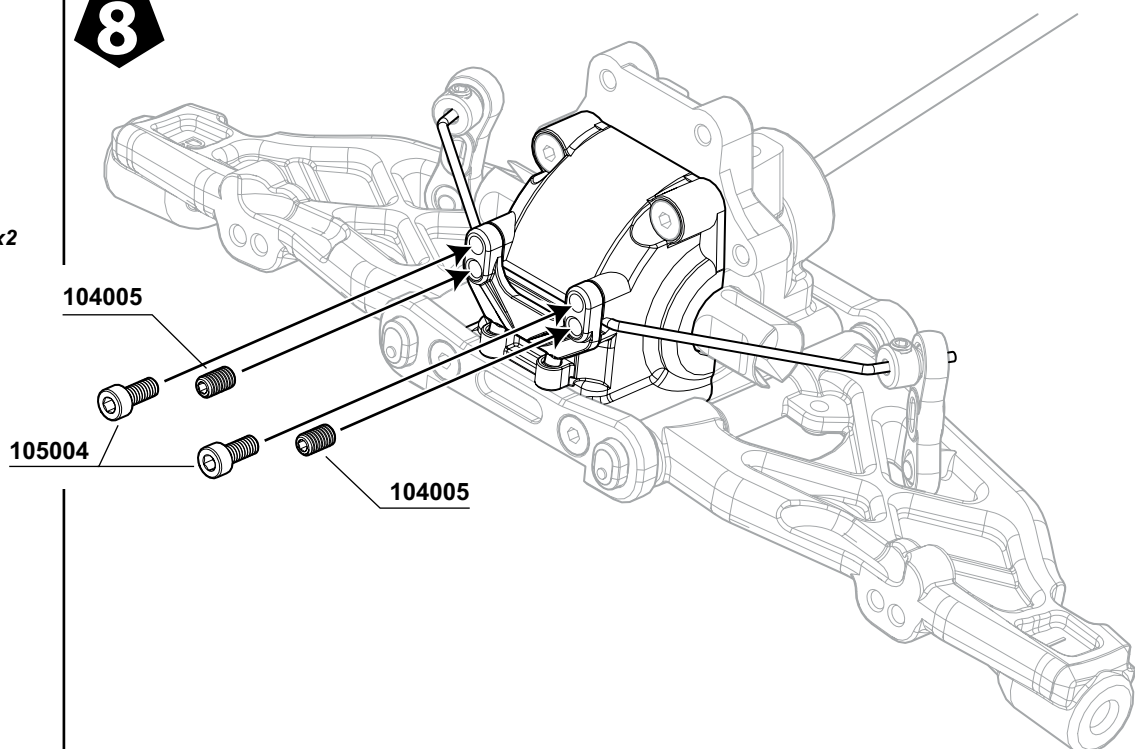


104005
M3x4mm Set Screw x2



105004
M2.6x6mm Cap Screw x2

8

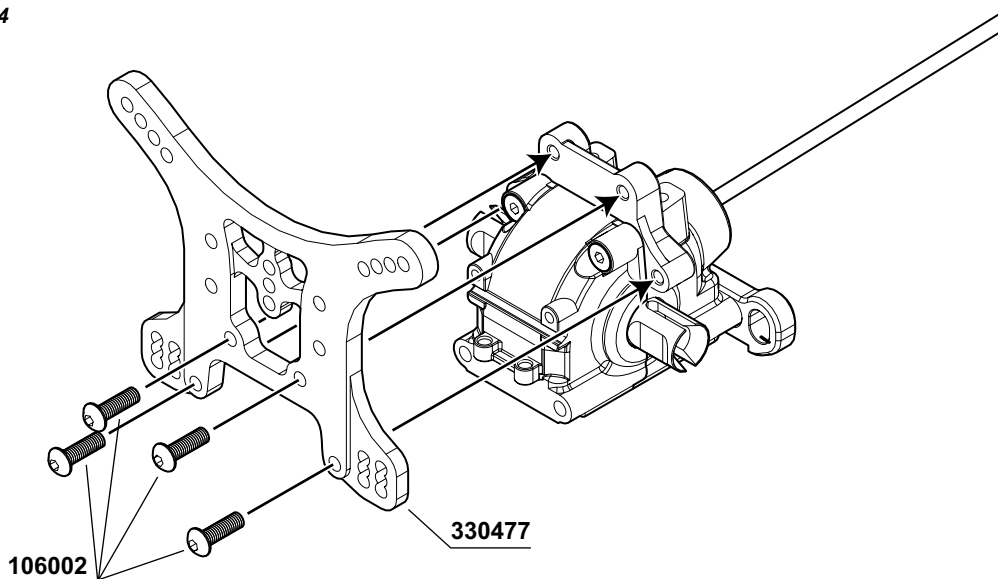




106002

M3x10mm Hex Socket OH/TP Screw x4

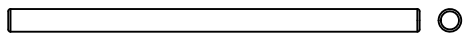
11



108018

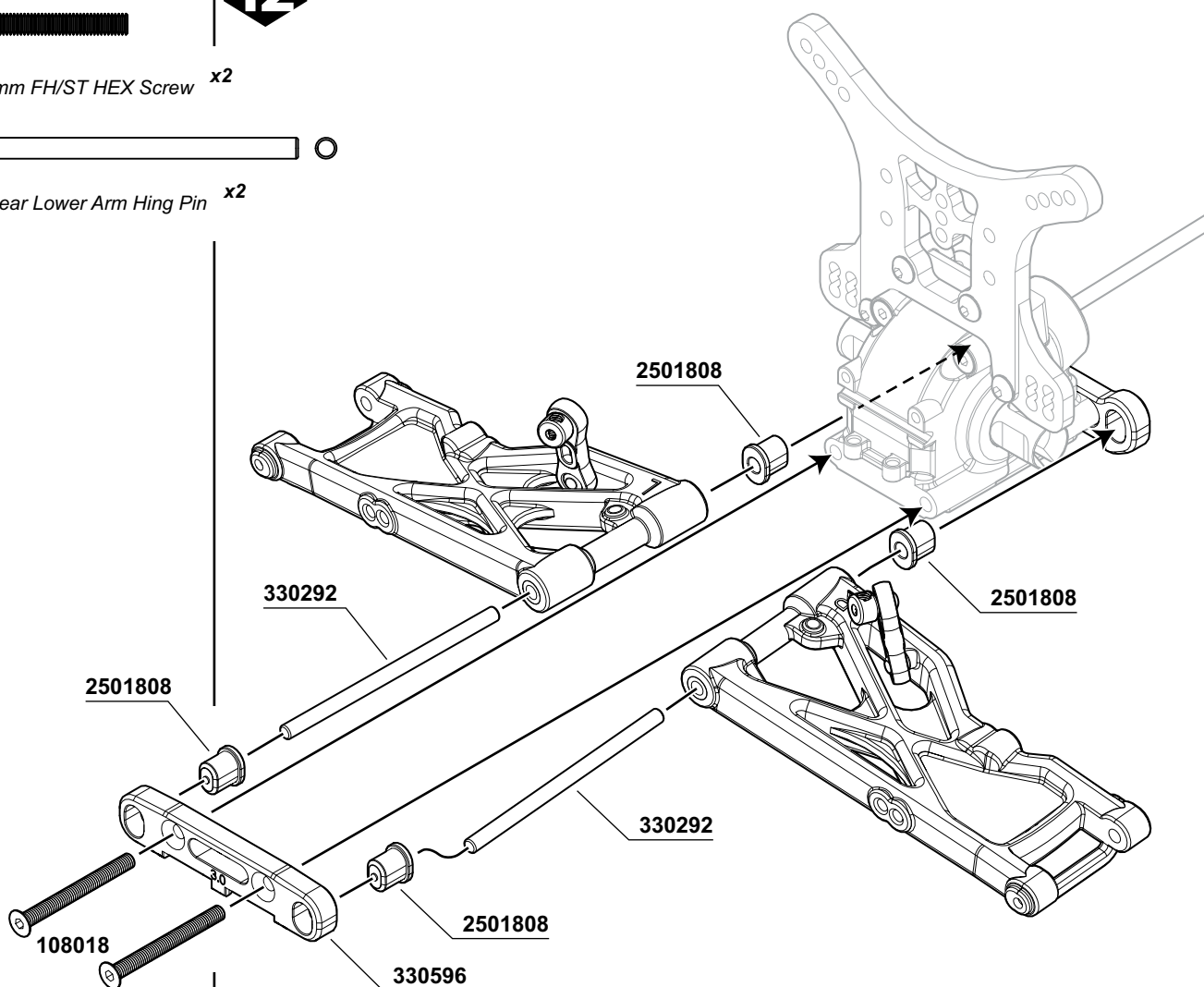
M3x30mm FH/ST HEX Screw x2

12



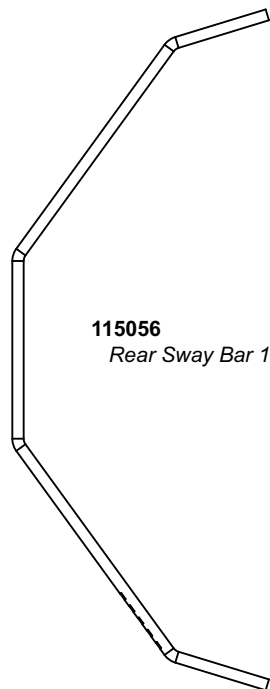
330292

Front/Rear Lower Arm Hing Pin x2

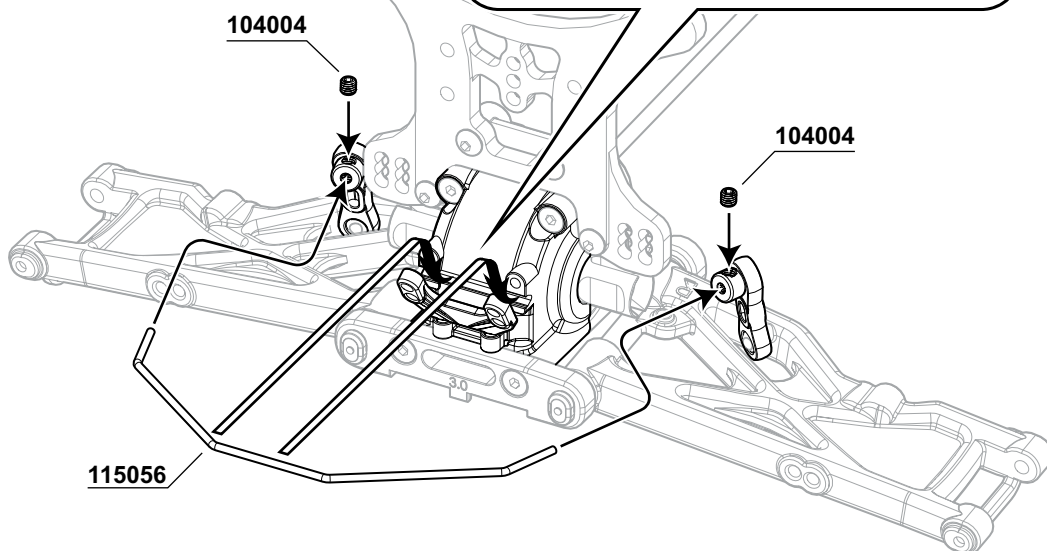
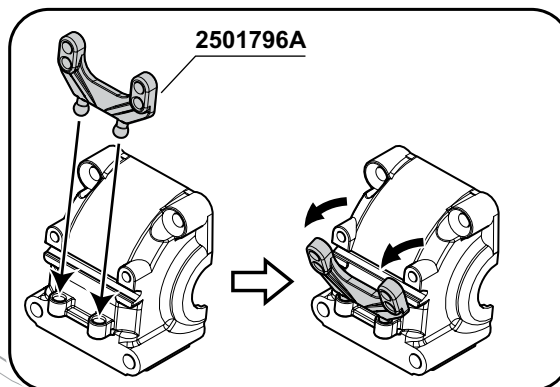


BAG D**13****BAG M 1**

104004
M3x3mm Set Screw x2



115056
Rear Sway Bar 1.5mm x1



104005
M3x4mm Set Screw x2



105004
M2.6x6mm Cap Screw x2



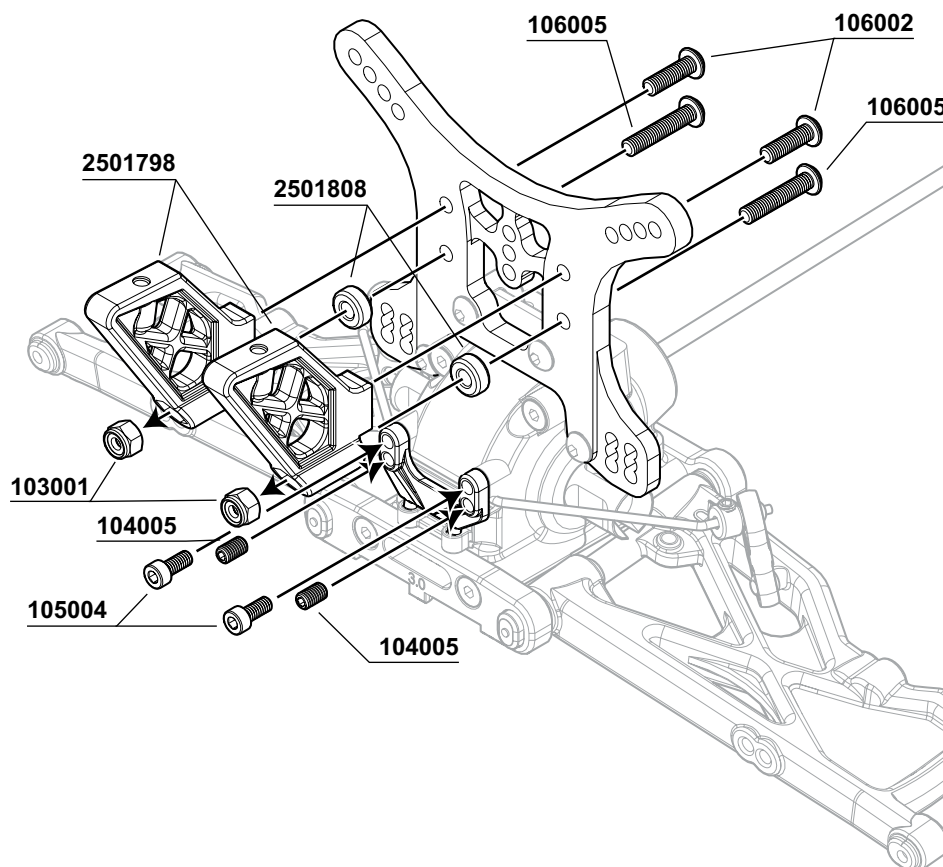
103001
M3 Nut Lock x2



106002
M3x10mm Hex Socket OH/TP Screw x2



106005
M3x15mm Hex Scket OH/TP Screw x2

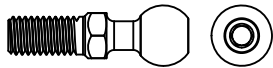
14



106010
M3x6mm Hex Socket OH/TP Screw x8



108007
M3x6mm FH/ST HEX Screw x4



330314
Steering Knuckle Pivot Ball Turnbuckle x4

2501797B

Right

108007

330348A

Left

330347A

330314

2501797B

330314

2501797B

106010

106010



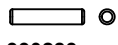
Refer carefully to the above when assembling the Steering Knuckle Pivot Ball Knuckles



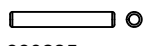
104008
M4x4mm Set Screw x2



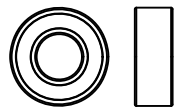
330295
CVD Join x2



330283
Pin M2x10mm x2



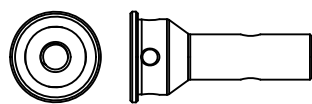
330285
Pin M2x14mm x2



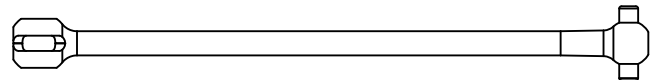
116017
Ball Bearing 6x12x4mm x2



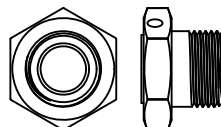
116013
Ball Bearing 10x15x4mm x2



330294
CVD Axle x2



330296A
F/R Drive Shaft 78mm x2

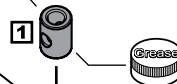


330469A
Wheel Hub x2

330295

330296A

Left



330294

330283

116013

116017

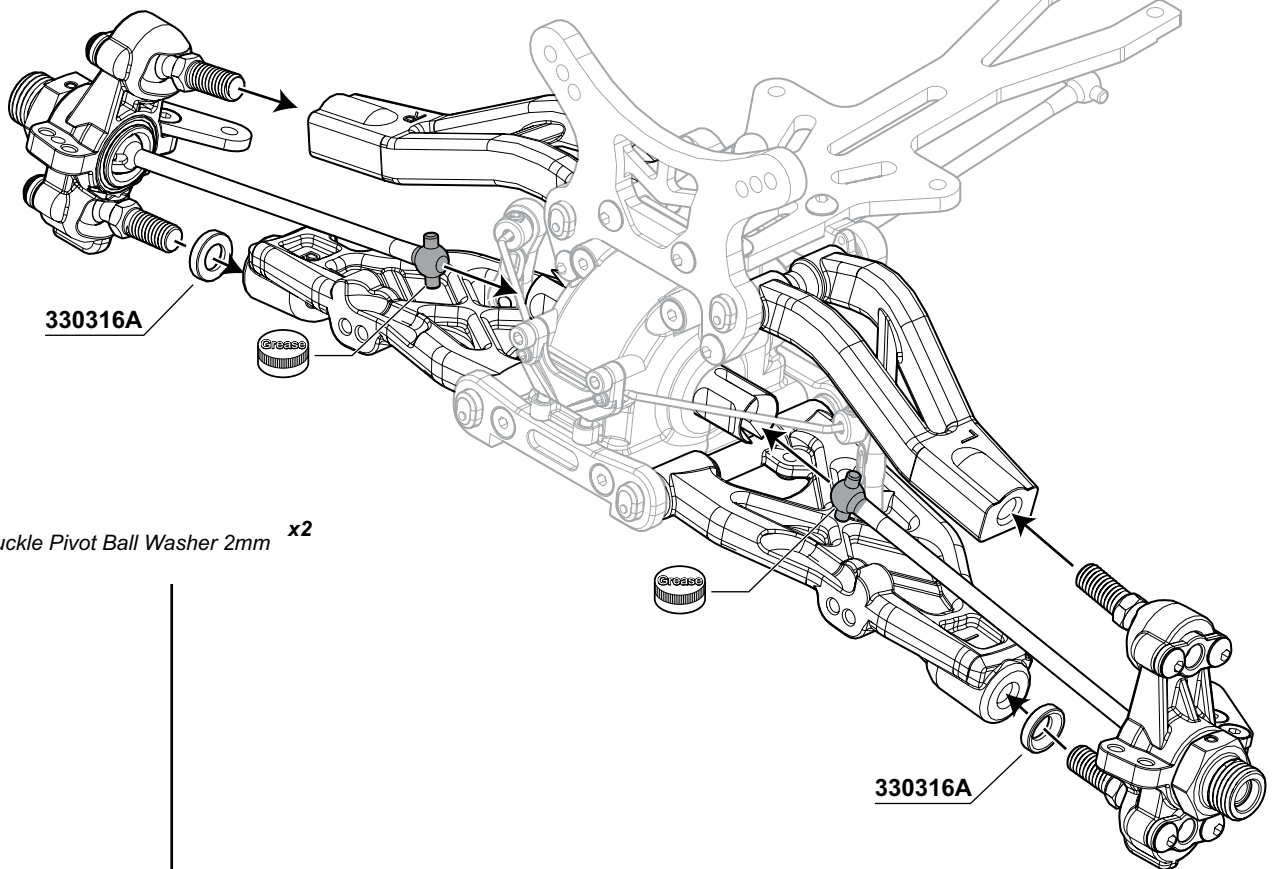
Right

330285

330469A

104008

17  **x2**



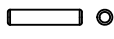
330316A
Aluminum Knuckle Pivot Ball Washer 2mm **x2**



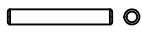
104008
M4x4mm Set Screw **x2**



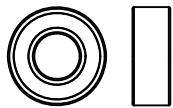
330295
CVD Join **x2**



330283
Pin M2x10mm **x2**



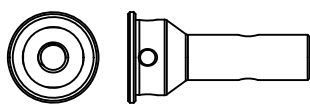
330285
Pin M2x14mm **x2**



116017
Ball Bearing 6x12x4mm **x2**

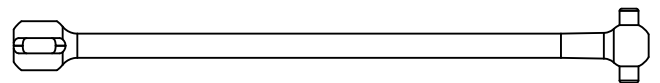


116013
Ball Bearing 10x15x4mm **x2**

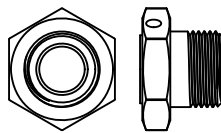


330294
CVD Axle **x2**

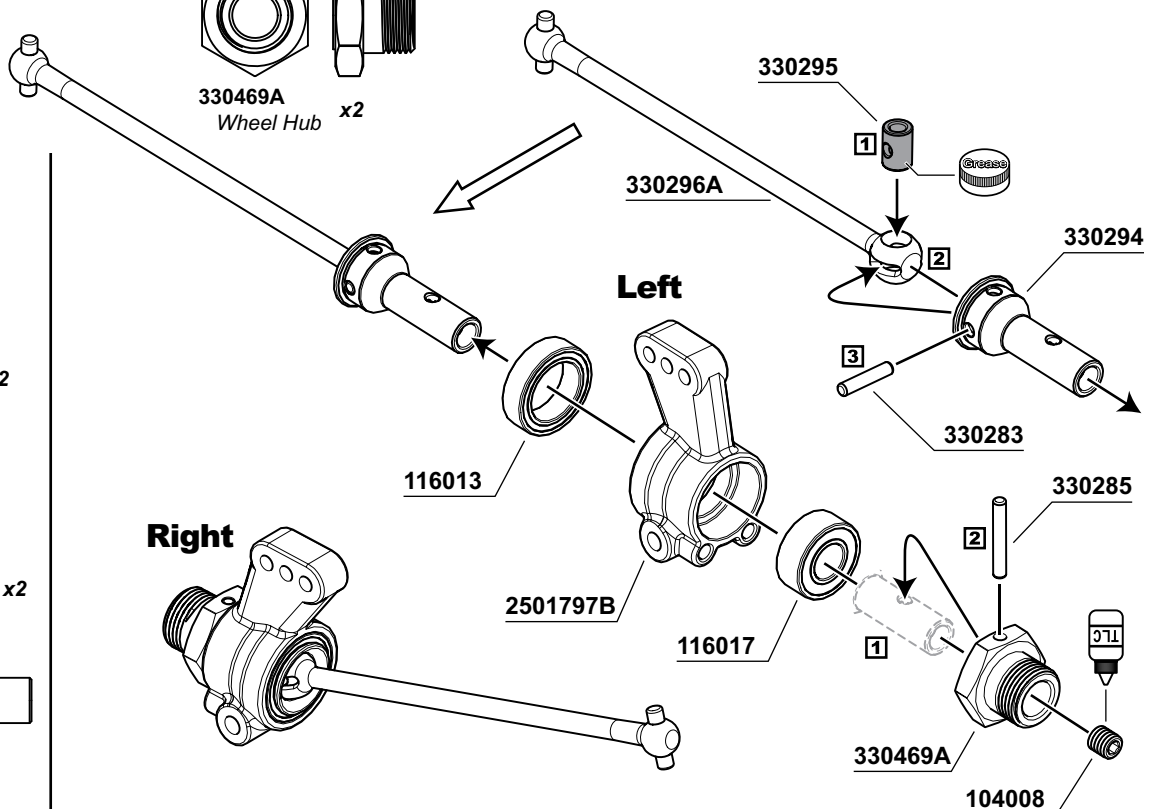
18   **x2**



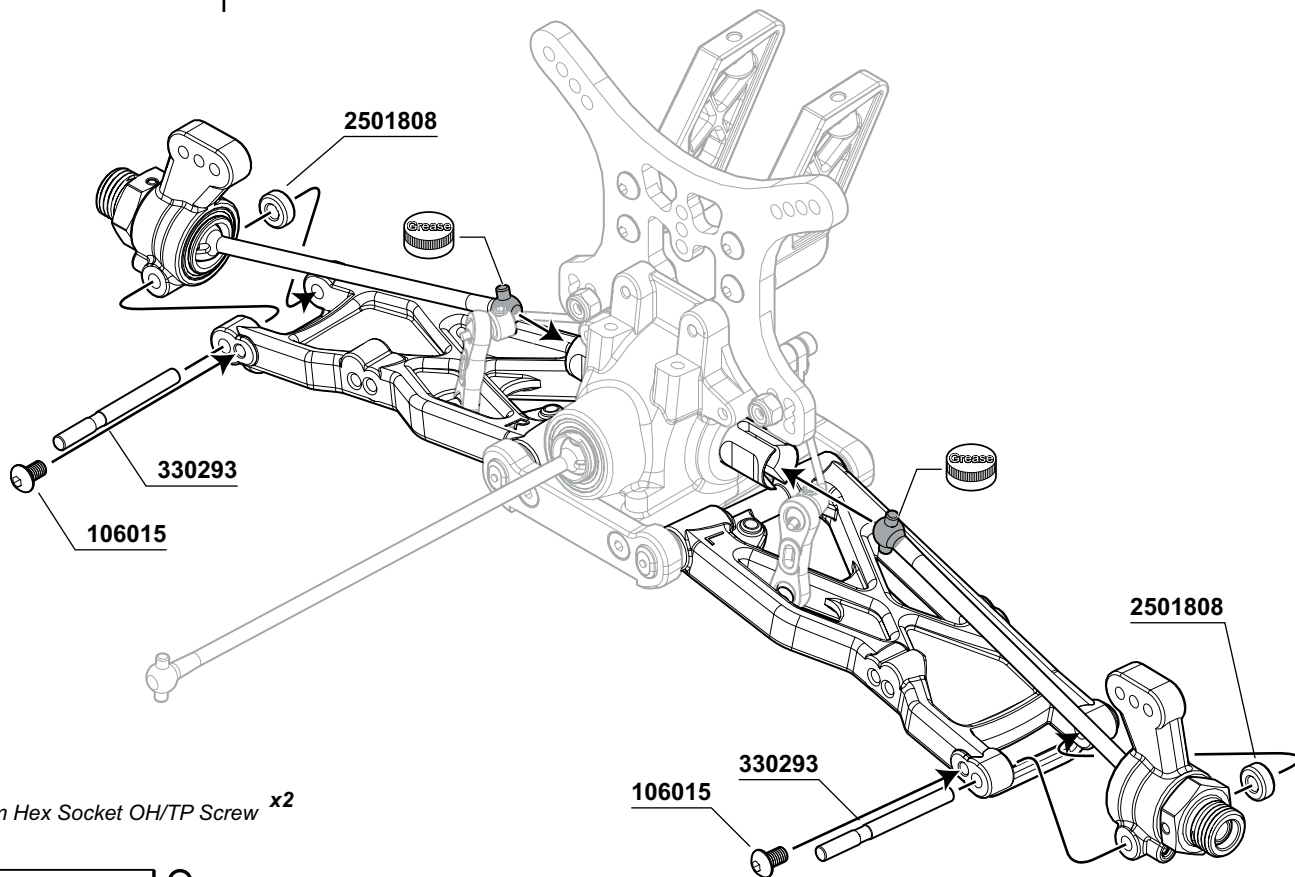
330296A
F/R Drive Shaft 78mm **x2**



330469A
Wheel Hub **x2**



19 **L R** **x2**



106015
M3x5mm Hex Socket OH/TP Screw **x2**

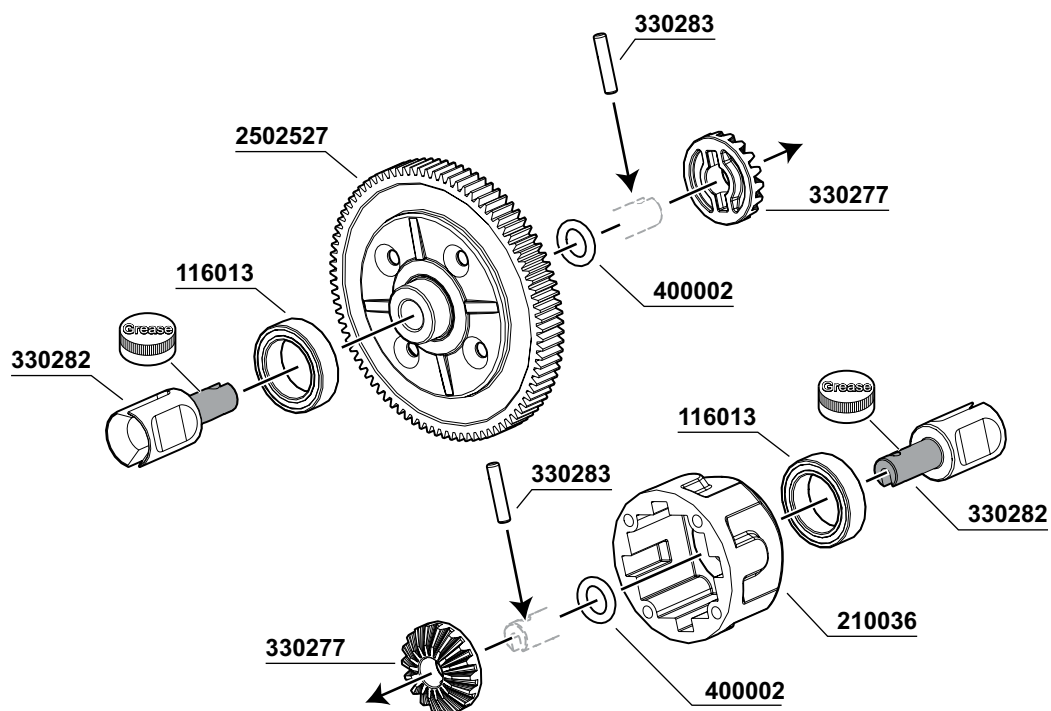
330293
Rear Hub Carriers Hing Pin **x2**

BAG C **20**

330283
Pin M2x10mm **x2**

400002
O-ring S5 4.8x1.5 **x2**

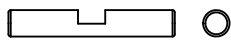
116013
Ball Bearing 10x15x4mm **x2**





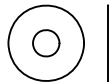
108017
M2.6x10mm FH/ST HEX Screw

x4



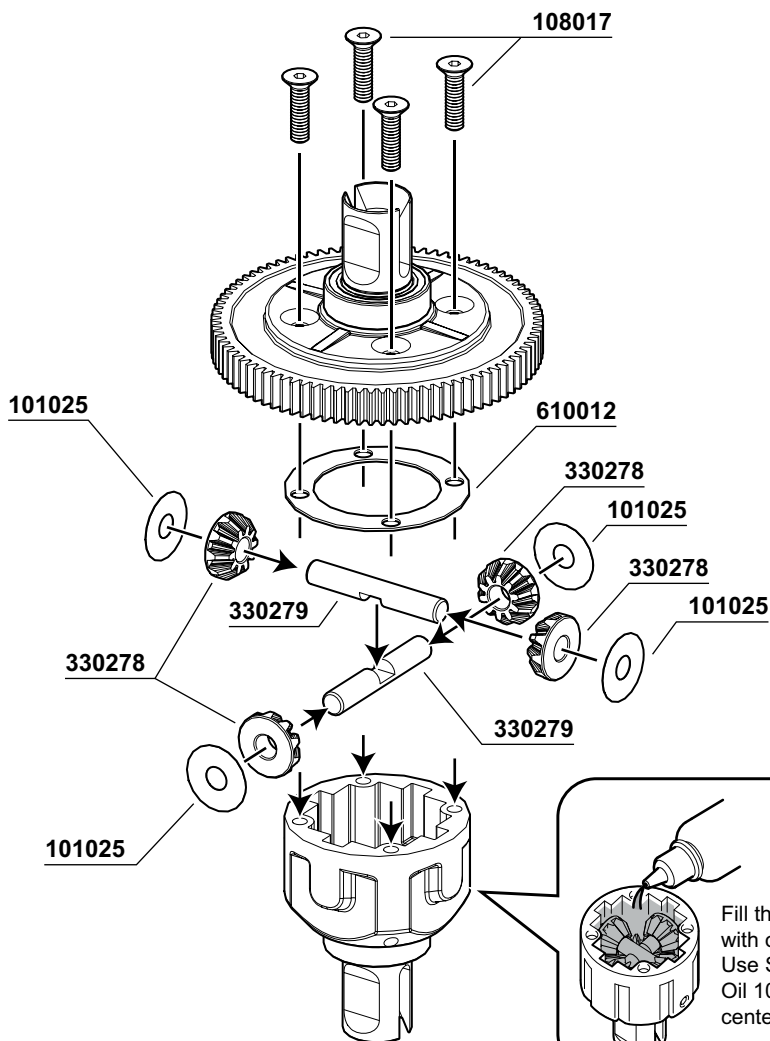
330279
Bevel Gear Shaft

x2



101025
Shim 3.5x10x0.1mm

x4



103001
M3 Nut Lock

x2



117003
Flange Ball Bearing 3x6x2.5mm

x4



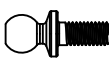
117004
Bushing 5x8x2.5mm

x2



330331
Steering Linkage Ball Stud 5mm

x1

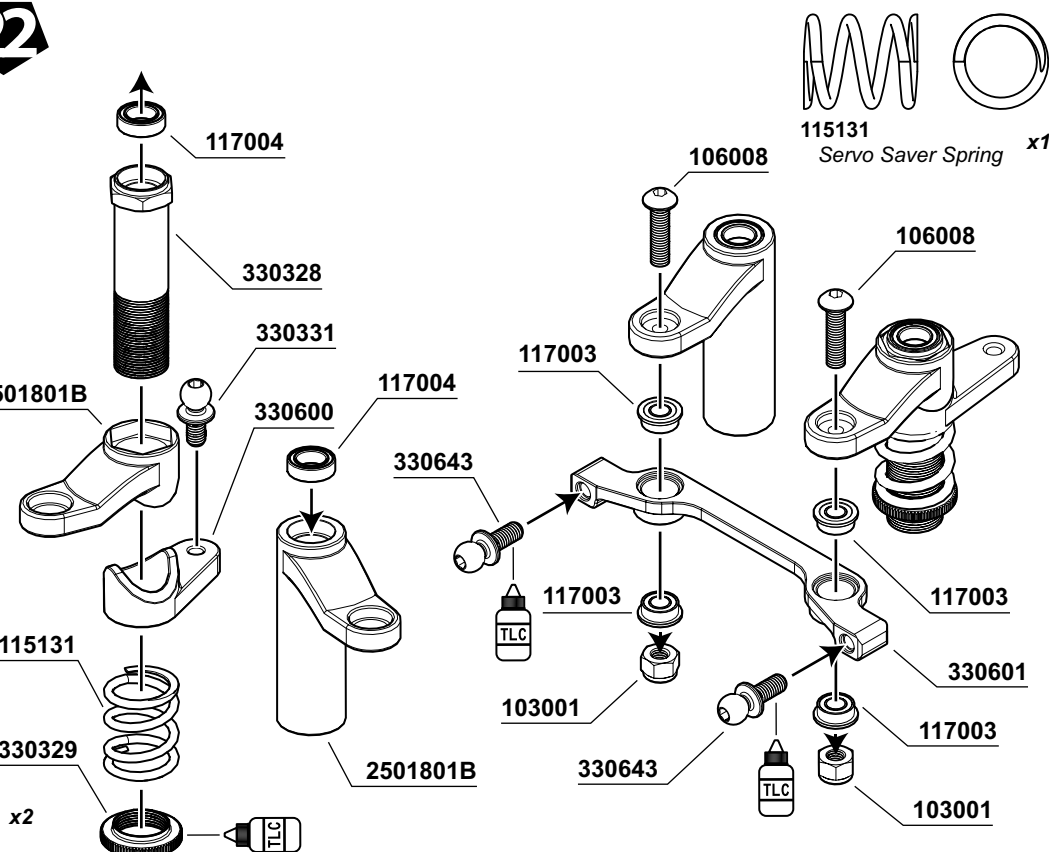


330643
Steering Linkage Ball Stud 5mm

x2



106008
M3x12mm Hex Scket OH/TP Screw





106001

M3x8mm Hex Socket OH/TP Screw

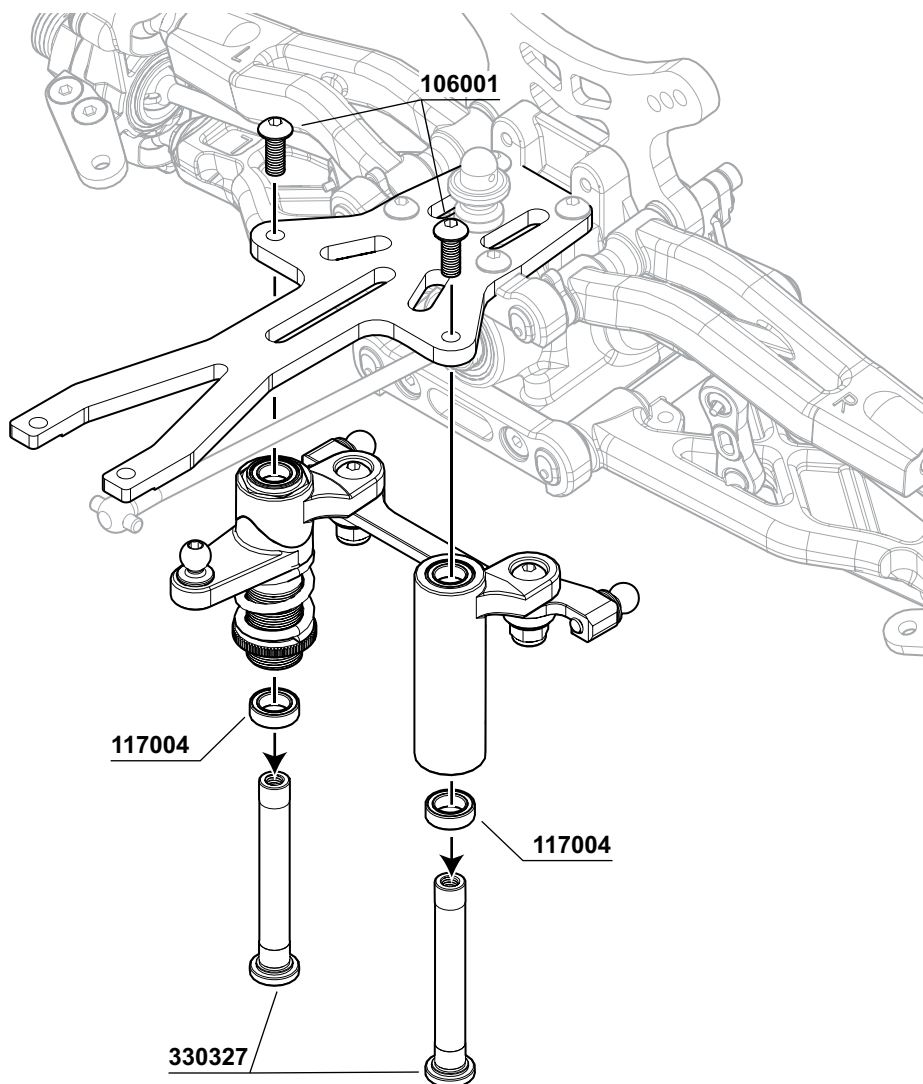
x2



117004

Bushings 5x8x2.5mm

x2



106010

M3x6mm Hex Socket OH/TP Screw

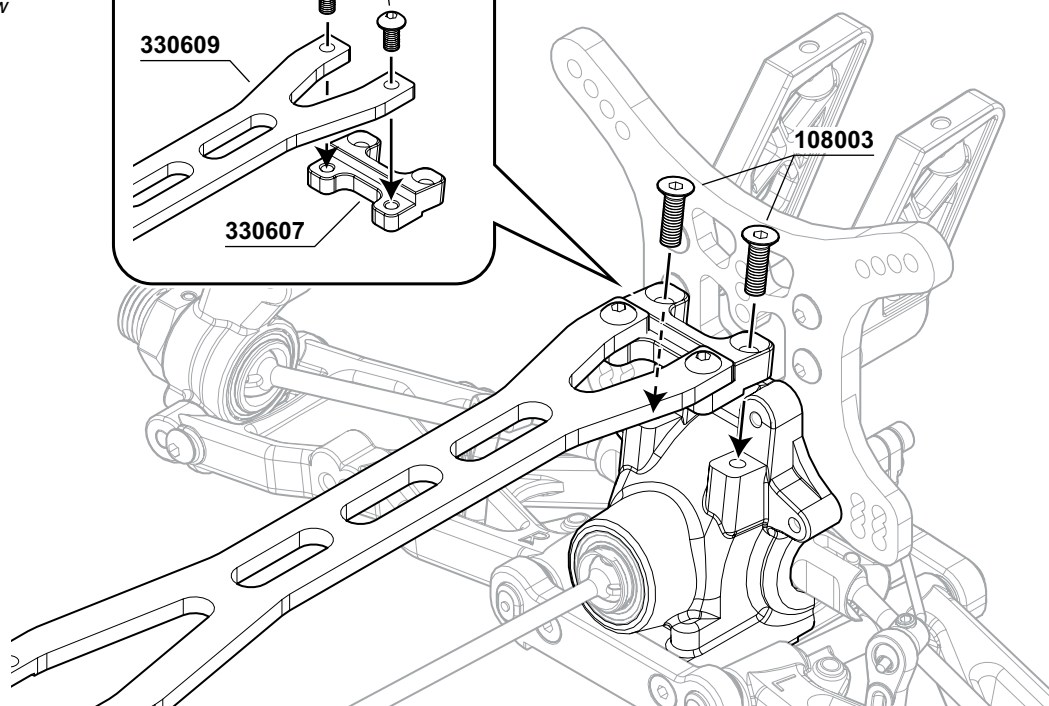
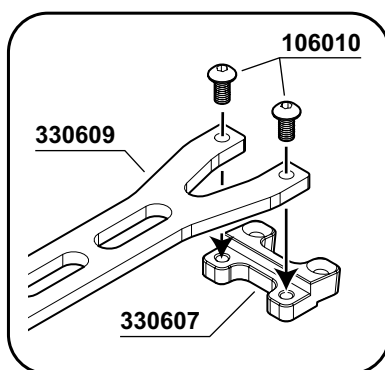
x2



108003

M3x10mm FH/ST HEX Screw

x2

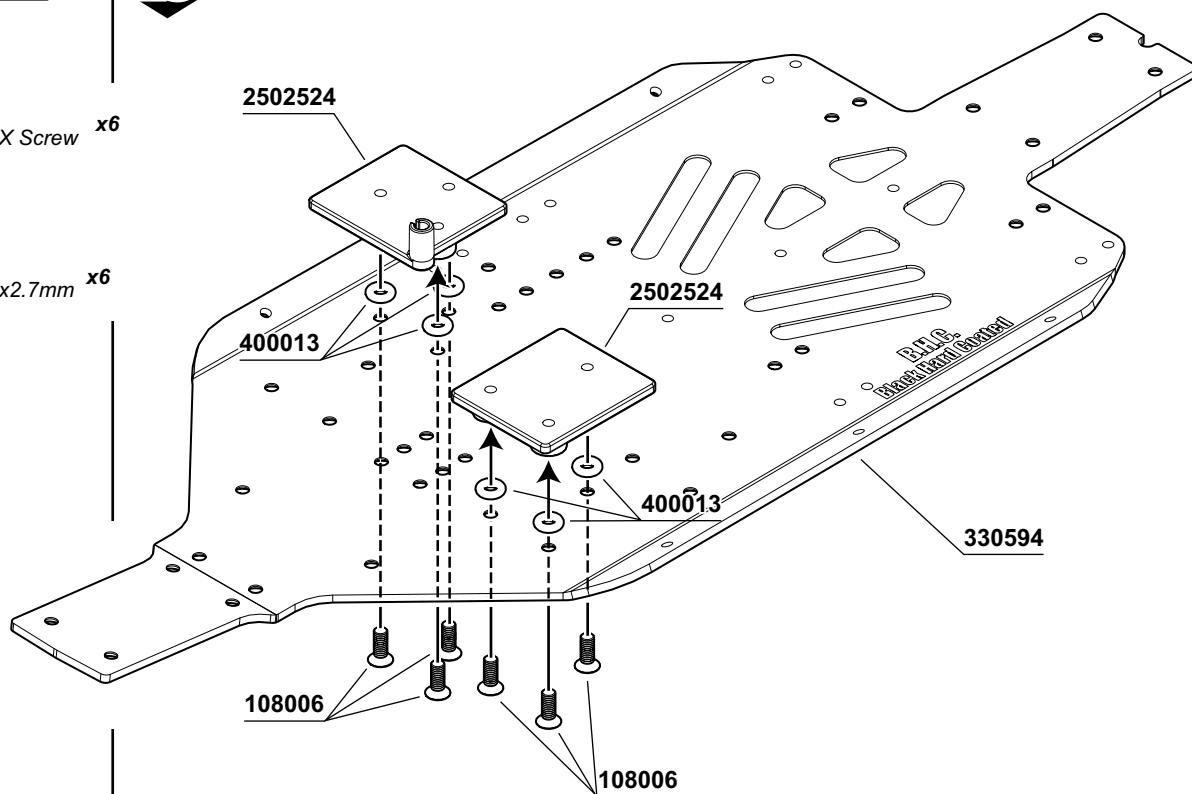




108006
M3x8mm FH/ST HEX Screw x6



400013
Shock Seal O-ring 2x2.7mm x6



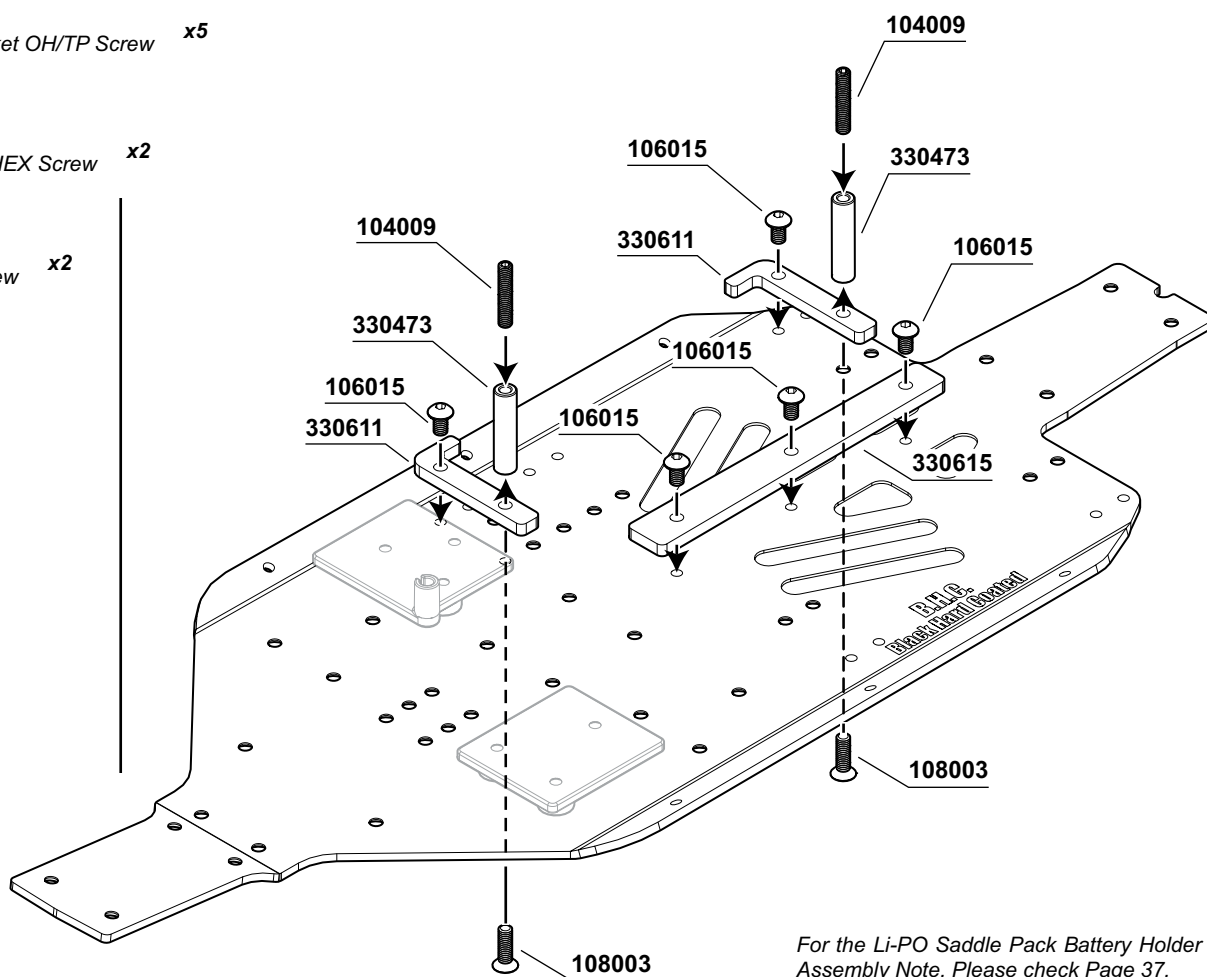
106015
M3x5mm Hex Socket OH/TP Screw x5



108003
M3x10mm FH/ST HEX Screw x2



104009
M3x16mm Set Screw x2

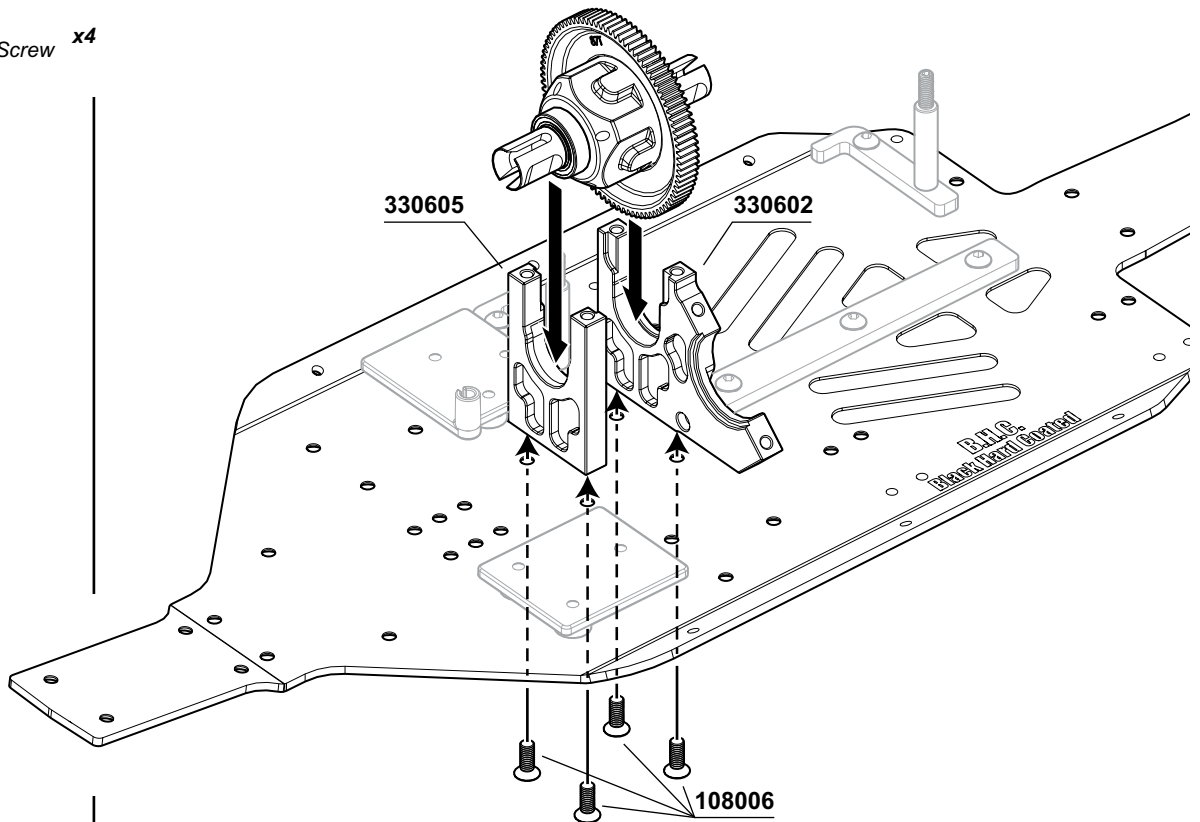


For the Li-PO Saddle Pack Battery Holder Assembly Note, Please check Page 37.

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108006
M3x8mm FH/ST HEX Screw x4



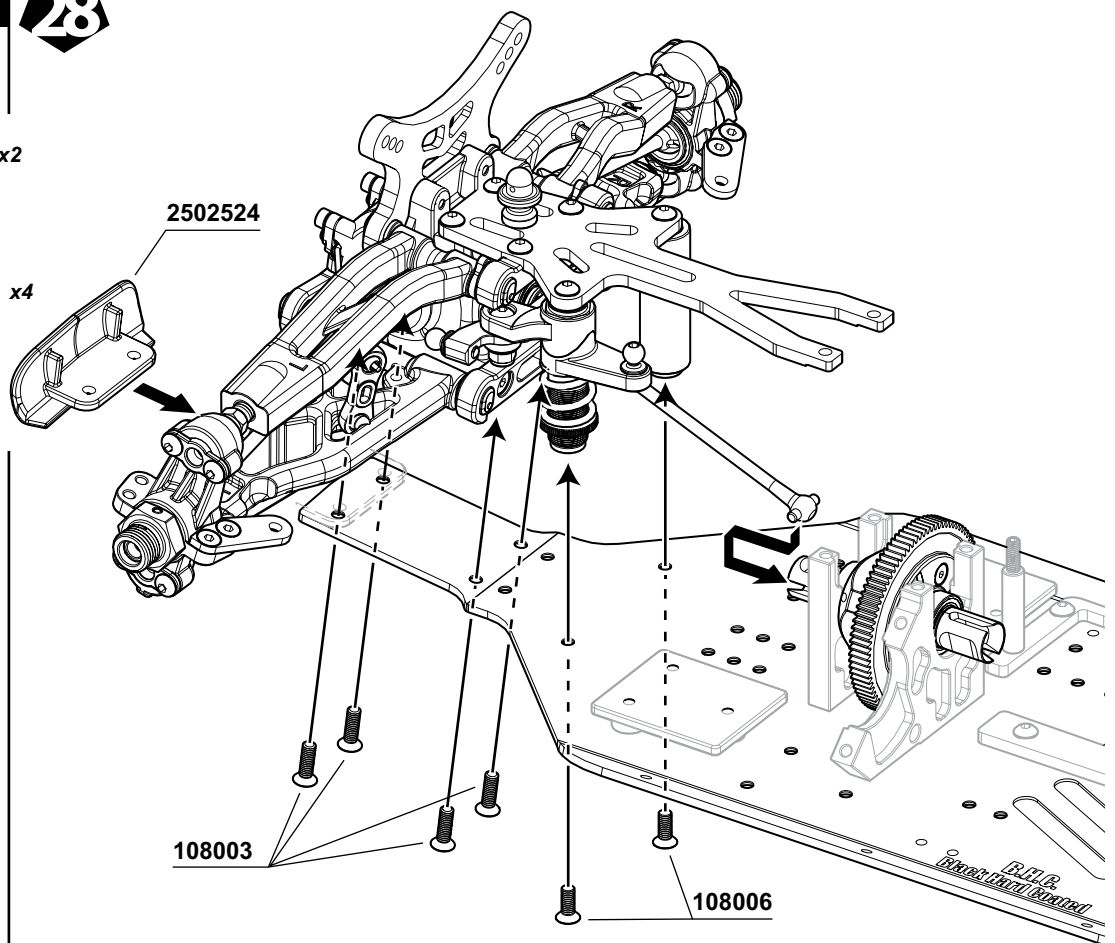
BAG M1 28



108006
M3x8mm FH/ST HEX Screw x2



108003
M3x10mm FH/ST HEX Screw x4



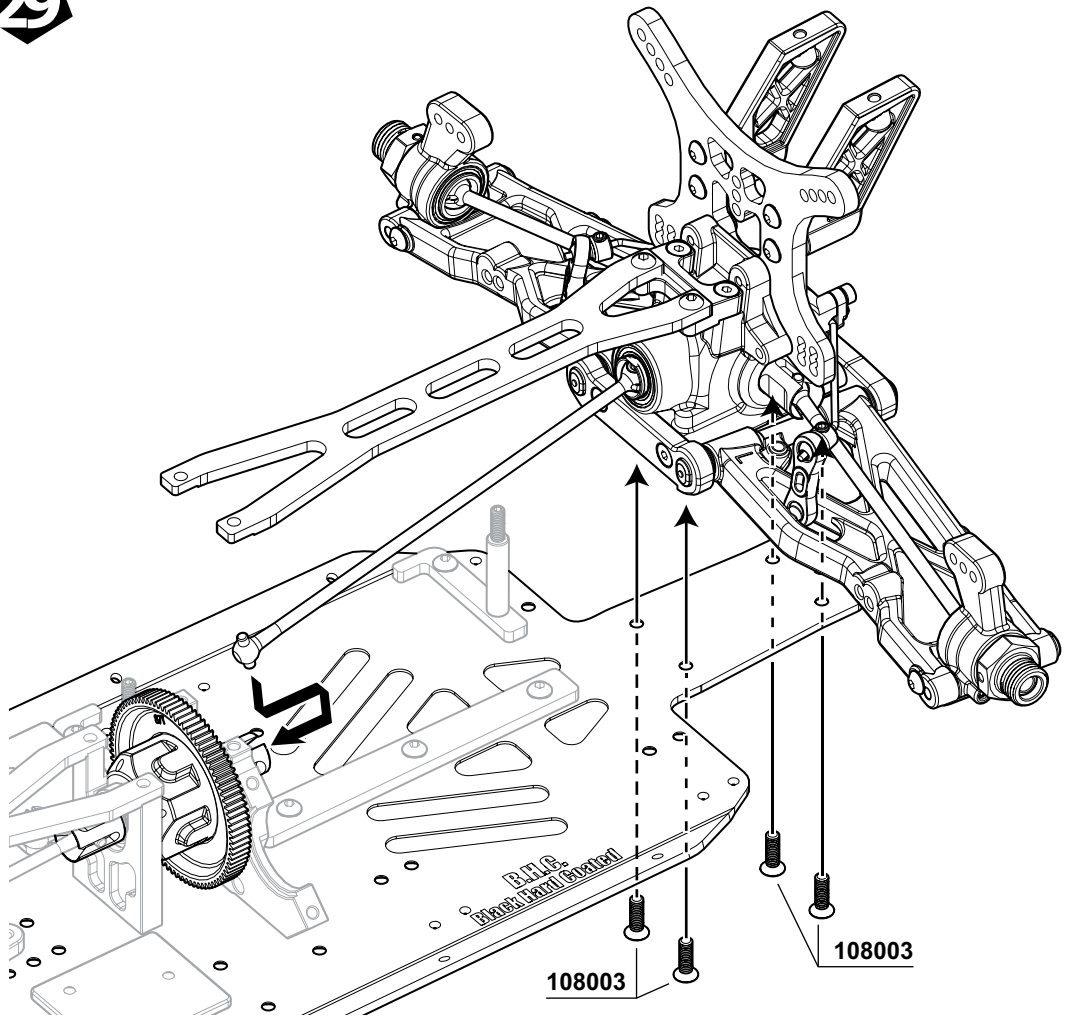


108003

M3x10mm FH/ST HEX Screw

x4

29



BAG

M 1

30



106010

M3x6mm Hex Socket OH/TP Screw

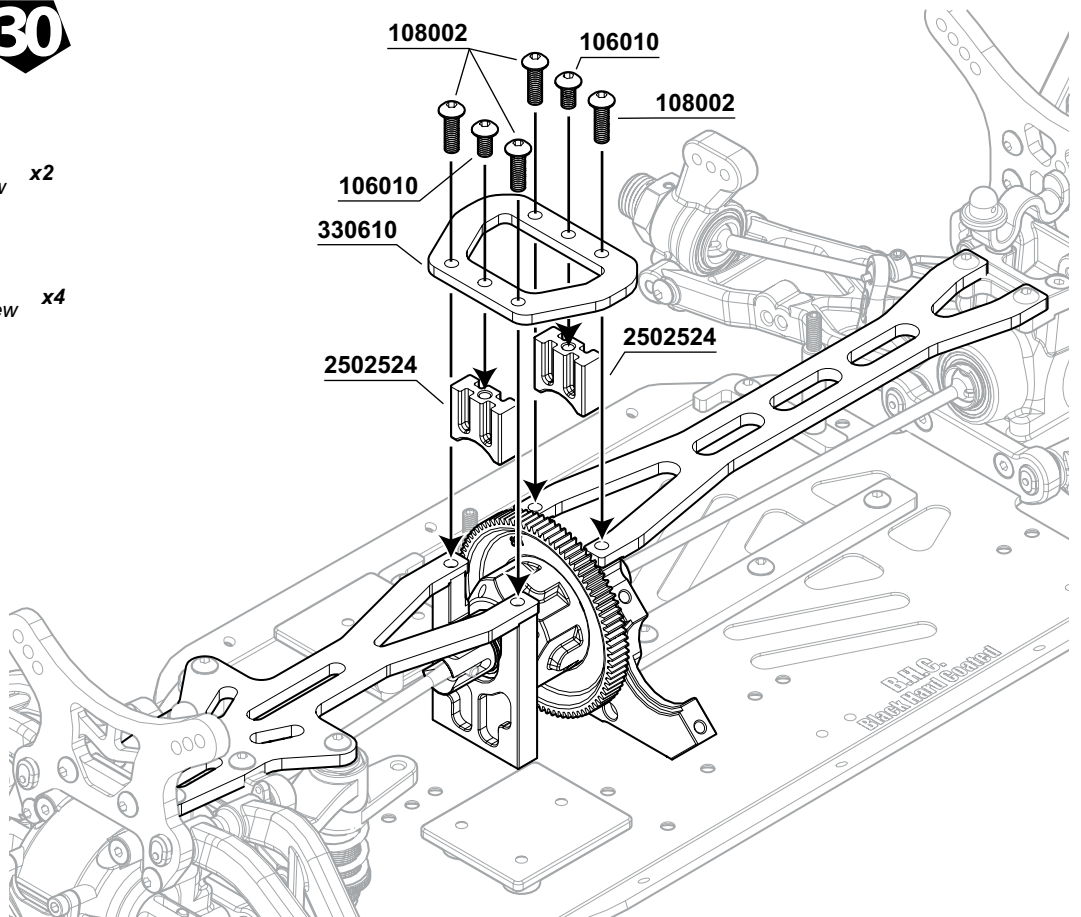
x2



106002

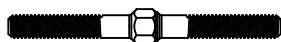
M3x10mm Hex Socket OH/TP Screw

x4





330643
Steering Linkage Ball Stud 5mm **x4**



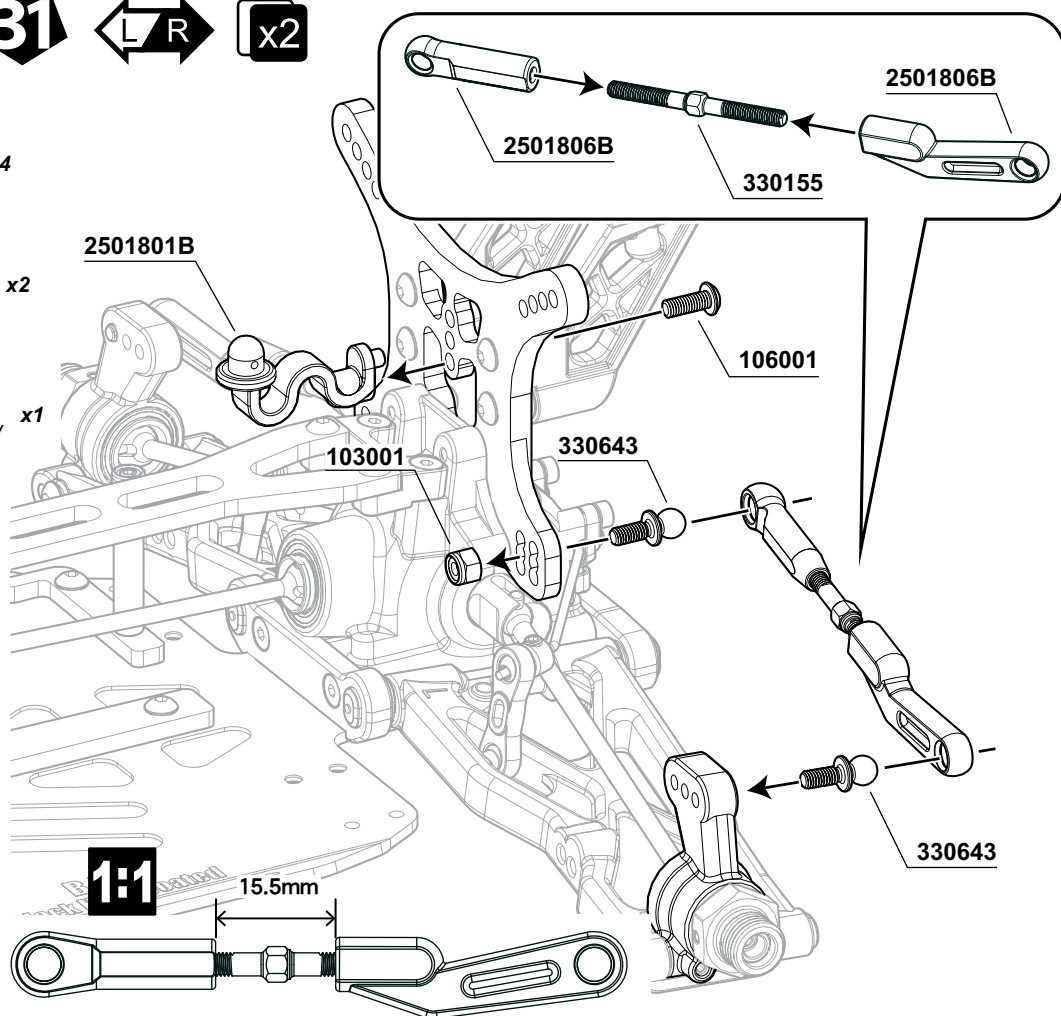
330155
Rear Upper Sus. Arm Turnbuckles **x2**



106001
M3x8mm Hex Socket OH/TP Screw **x1**



103001
M3 Nut Lock **x2**



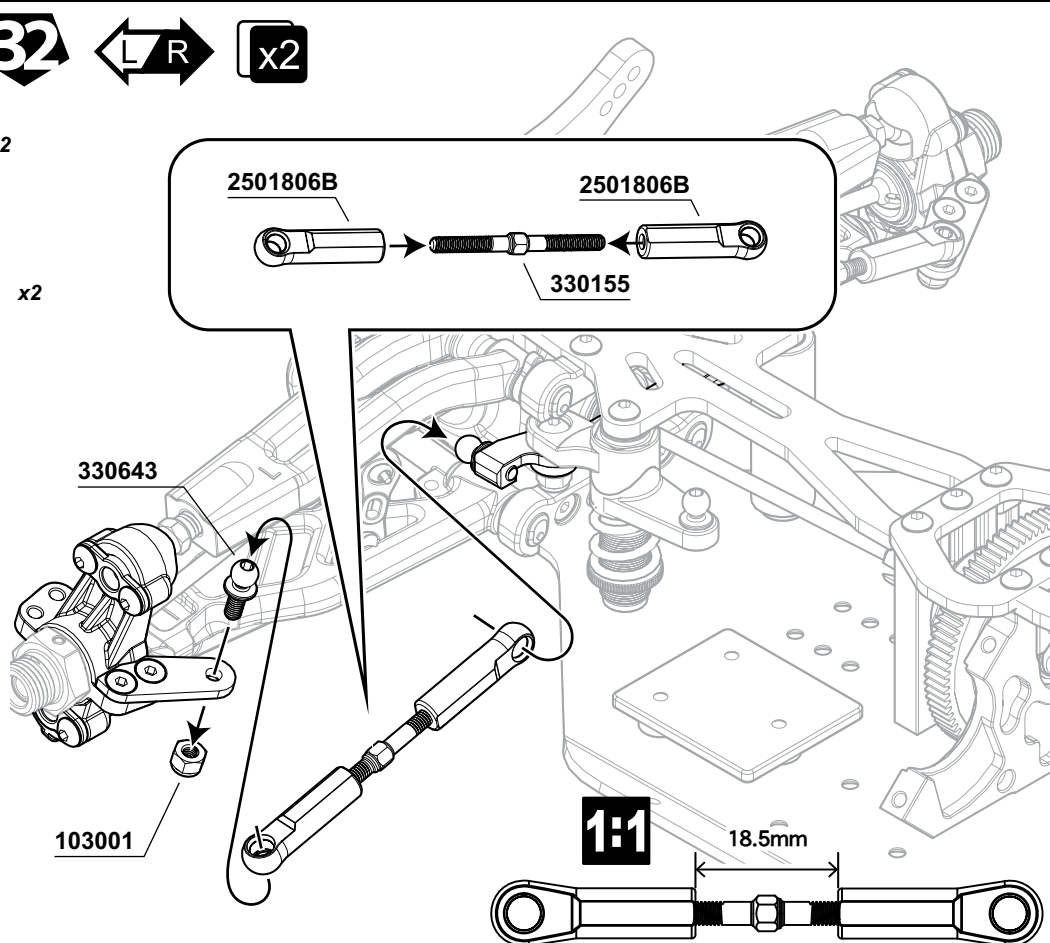
330643
Steering Linkage Ball Stud 5mm **x2**



330155
Rear Upper Sus. Arm Turnbuckles **x2**



103001
M3 Nut Lock **x2**



BAG**G****33****BAG****M1**

108006
M3x8mm FH/ST HEX Screw x2



106010
M3x6mm Hex Socket OH/TP Screw x2



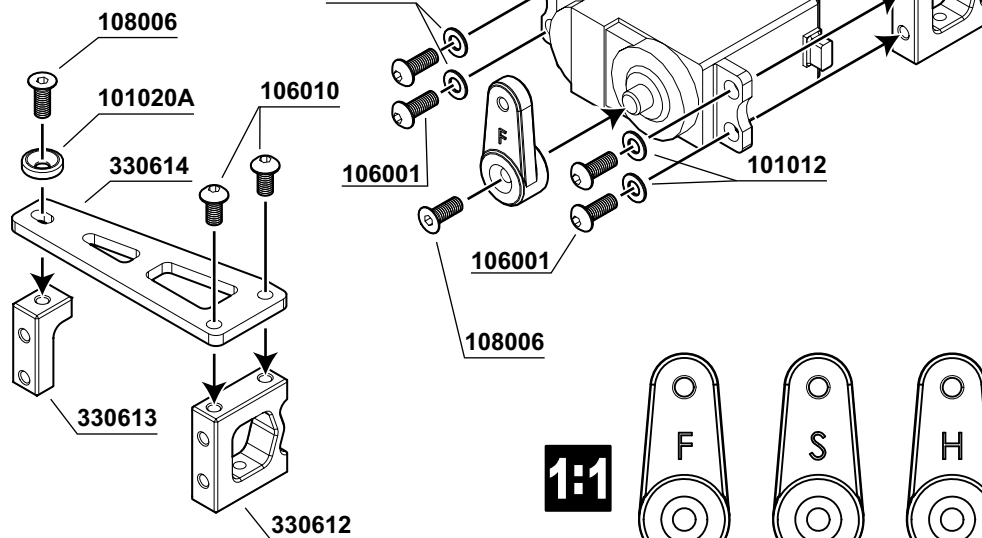
106001
M3x8mm Hex Socket OH/TP Screw x4



101020A
3mm Countersunk Washers (RD) x1



101012
Washer M3x6xT0.5mm x4

**1:1****2501801B**

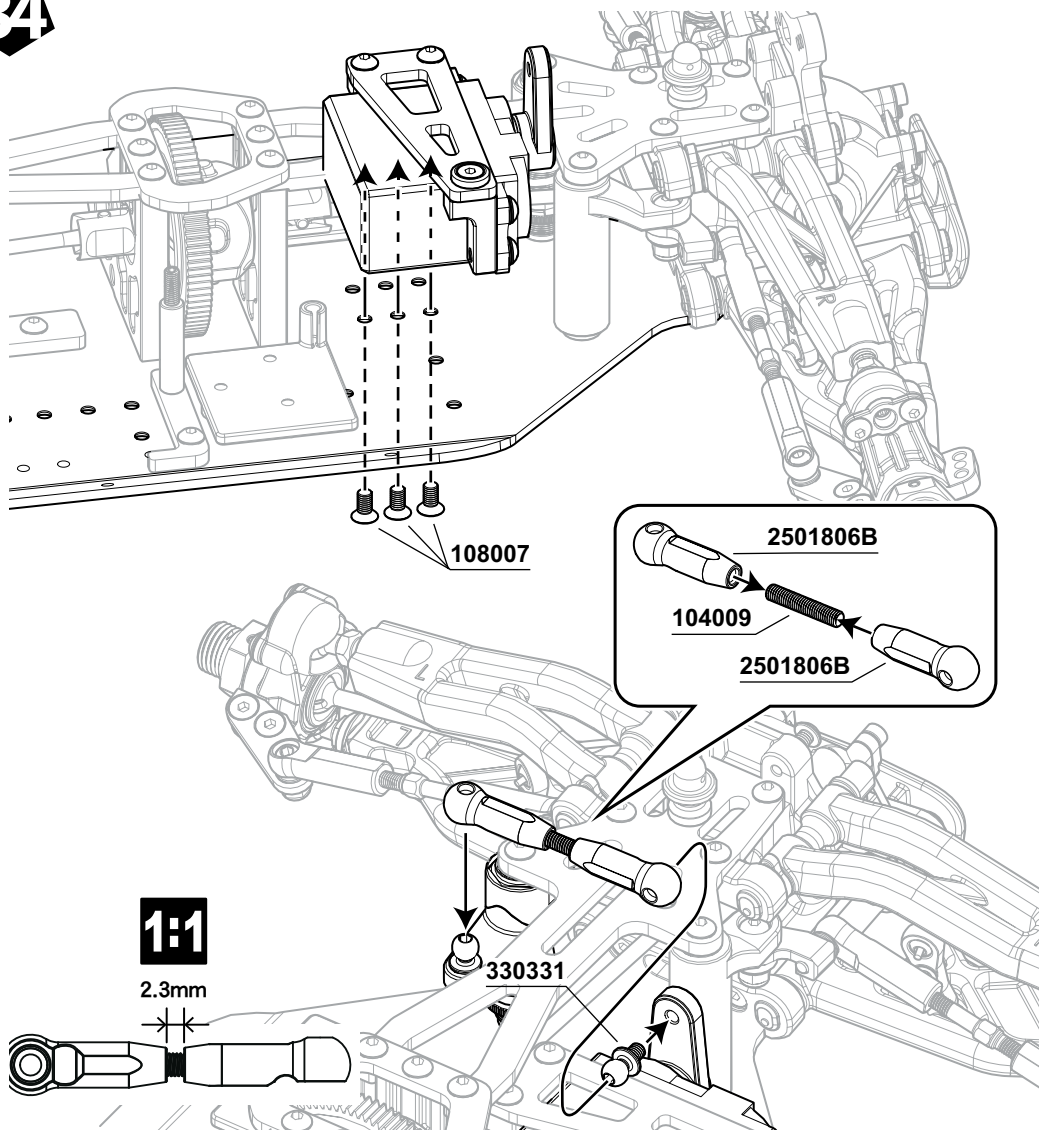
108007
M3x6mm FH/ST HEX Screw x3



330331
Steering Linkage Ball Stud 5mm x1

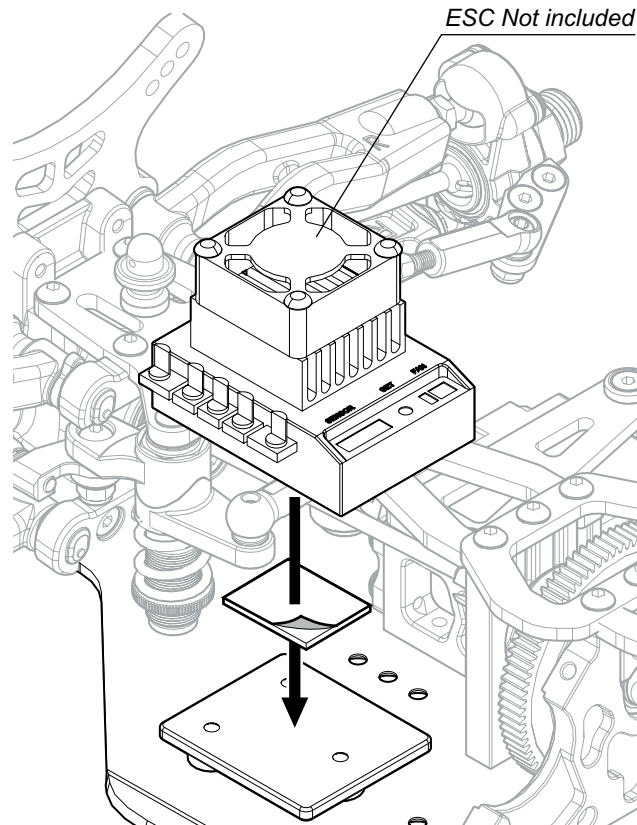


104009
M3x16mm Set Screw x1

**1:1**

2.3mm

35



36

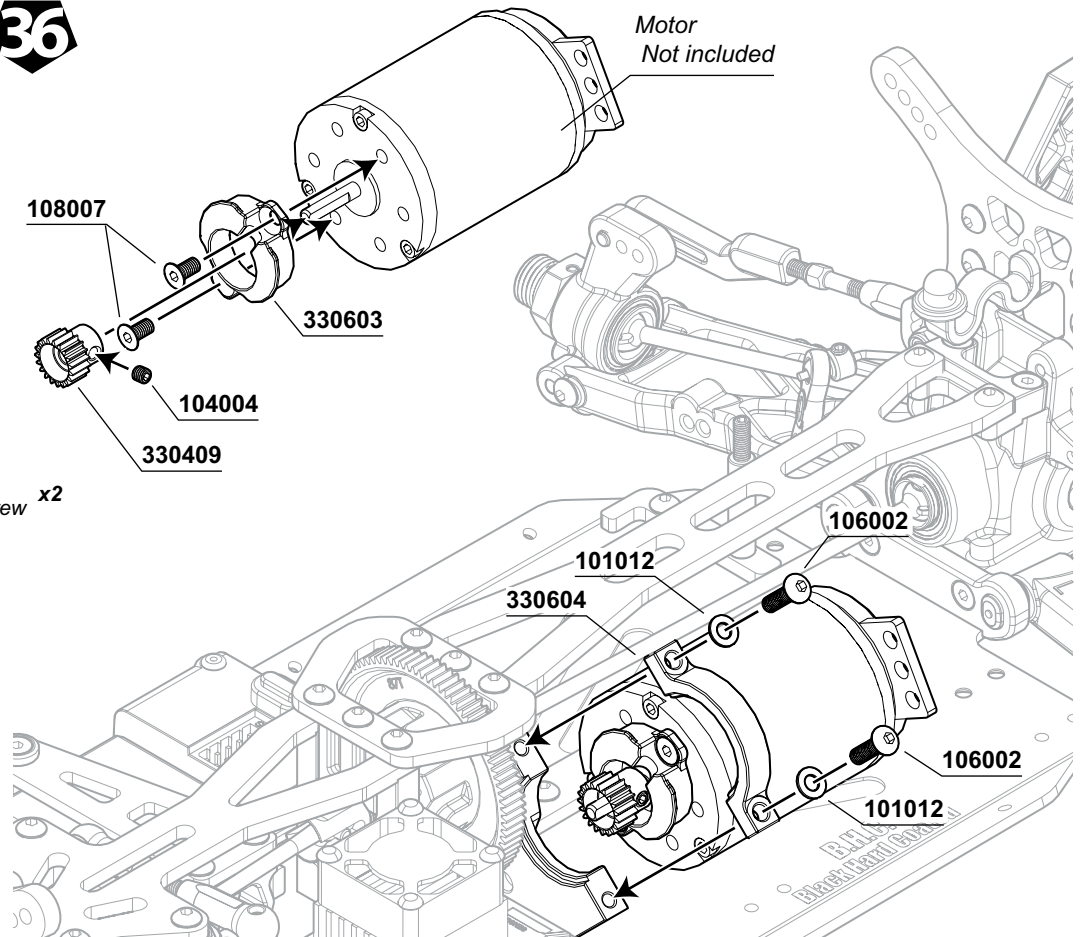
 **104004**
M3x3mm Set Screw **x1**

 **108007**
M3x6mm FH/ST HEX Screw **x2**

 **101012**
Washer M3x6xT0.5mm **x2**

 **106002**
M3x10mm Hex Socket OH/TP Screw **x2**

 **330409**
S104 Motor Gear 19T **x1**





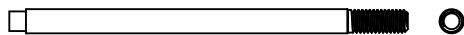
101011 Shock Washer 2.6x6x0.5mm x4



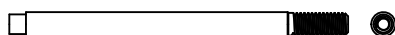
330545 *Shock Washer 3.3x6.5x2.5mm* **x8**



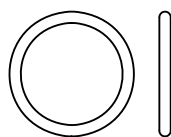
400018A
Shock Seal O-ring 2x2.7mm **x8**



330531 *Shock Shaft L* **x2**



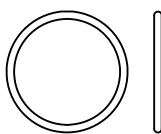
330532 *Shock Shaft S* **x2**



400014
O-Ring 1.5x13.5mm **x4**



410049 *Shock Seal Cap O-ring 8x10x1mm* **x4**



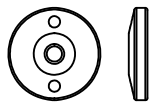
410047 *S102 Shock Cap O-Ring (SP)* **x4**



330544 *Aluminum Shock Seal Cover* **x4**



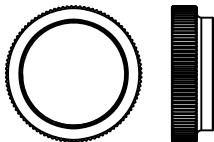
330305
Shock Washer 3.3x6.7x1mm **x4**



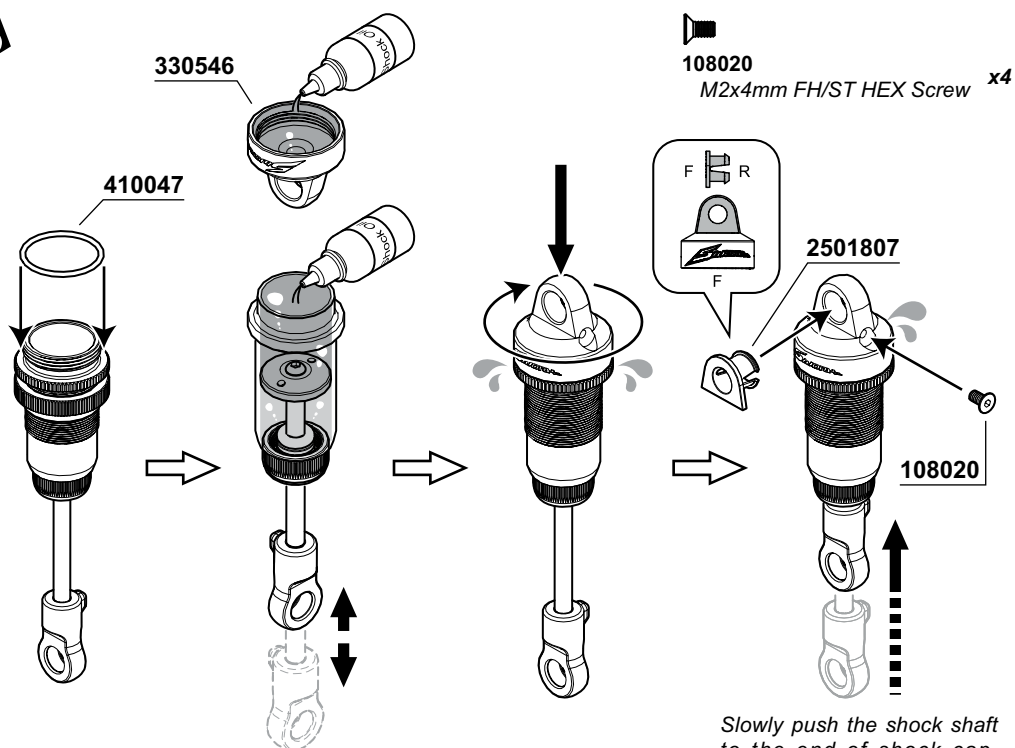
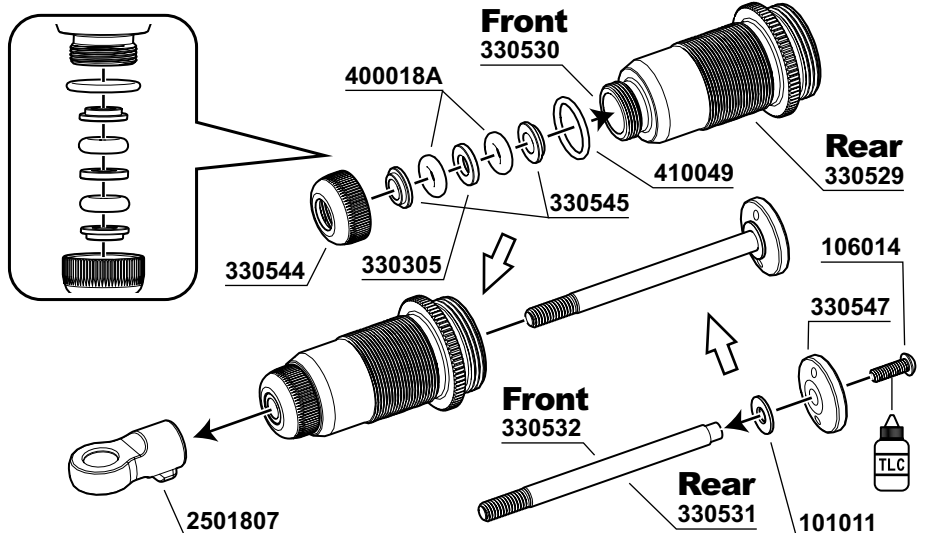
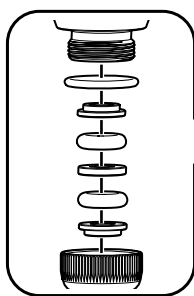
330547 Shock Piston 1.5mmx2 holes **x4**



330134 *Shock Ball Stud* **x4**

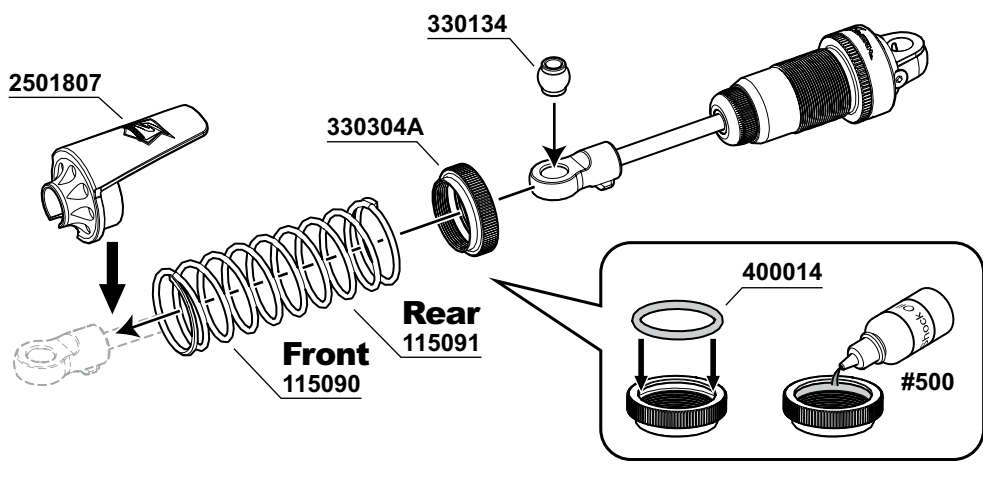


330304A *Aluminum Shock Spring Adjust Nut* **x4**



*Slowly push the shock shaft
to the end of shock cap.
Then tight screw M2x4mm*

39





108001
M3x12mm FH/ST HEX Screw

x4



330312A
Aluminum Shock Cap Stud

x2



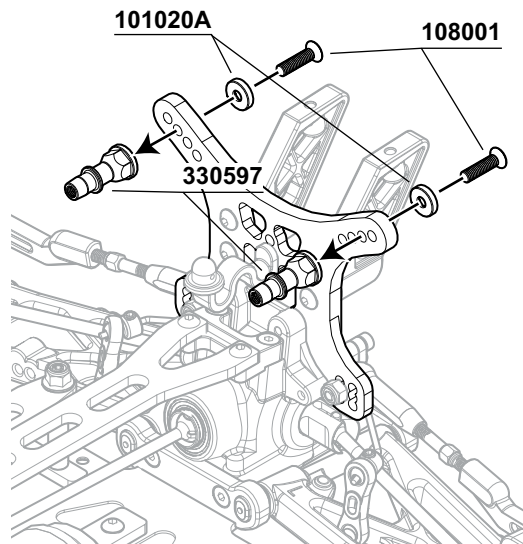
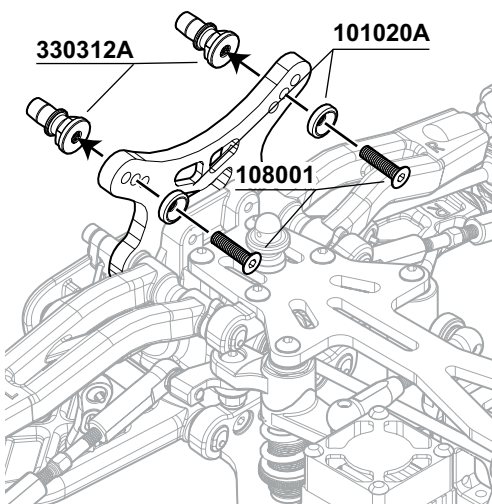
330597
Aluminum Shock Cap Stud

x2



101020A
3mm Countersunk Washers (RD)

x4



108006
M3x8mm FH/ST HEX Screw

x4



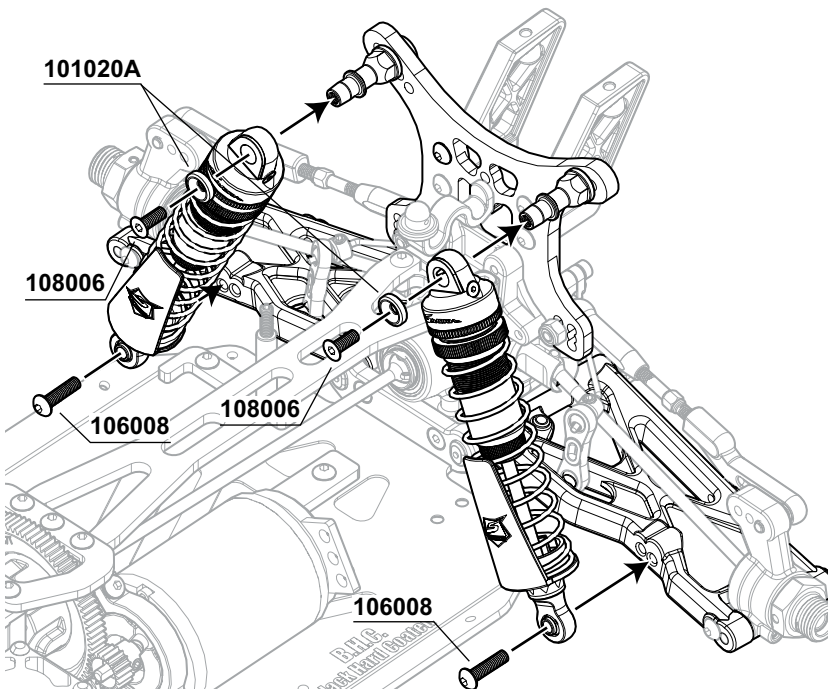
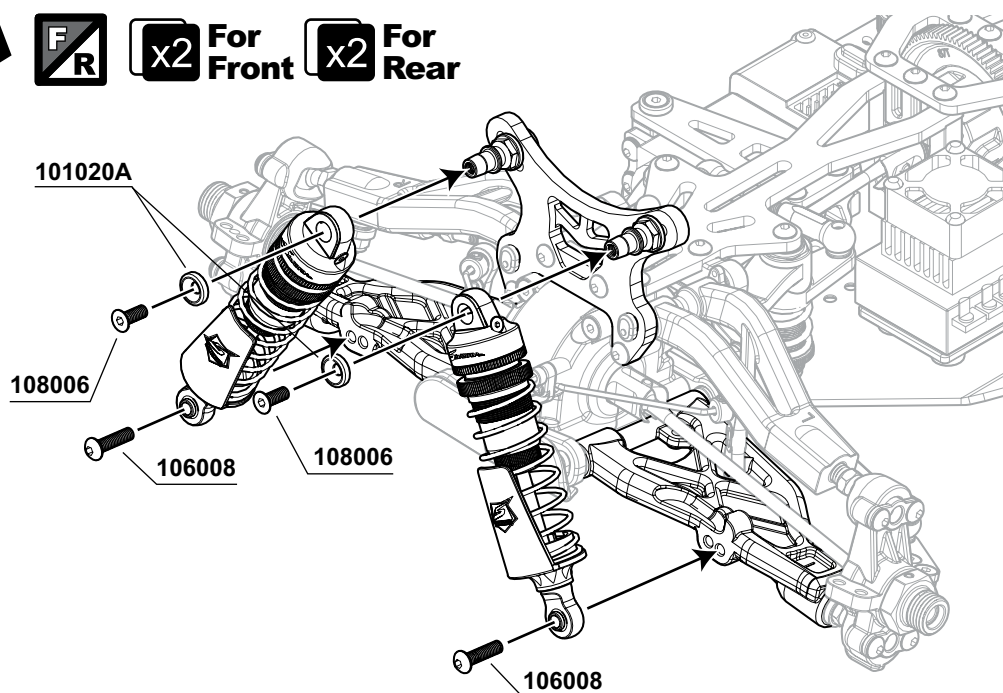
106008
M3x12mm Hex Scket OH/TP Screw

x4



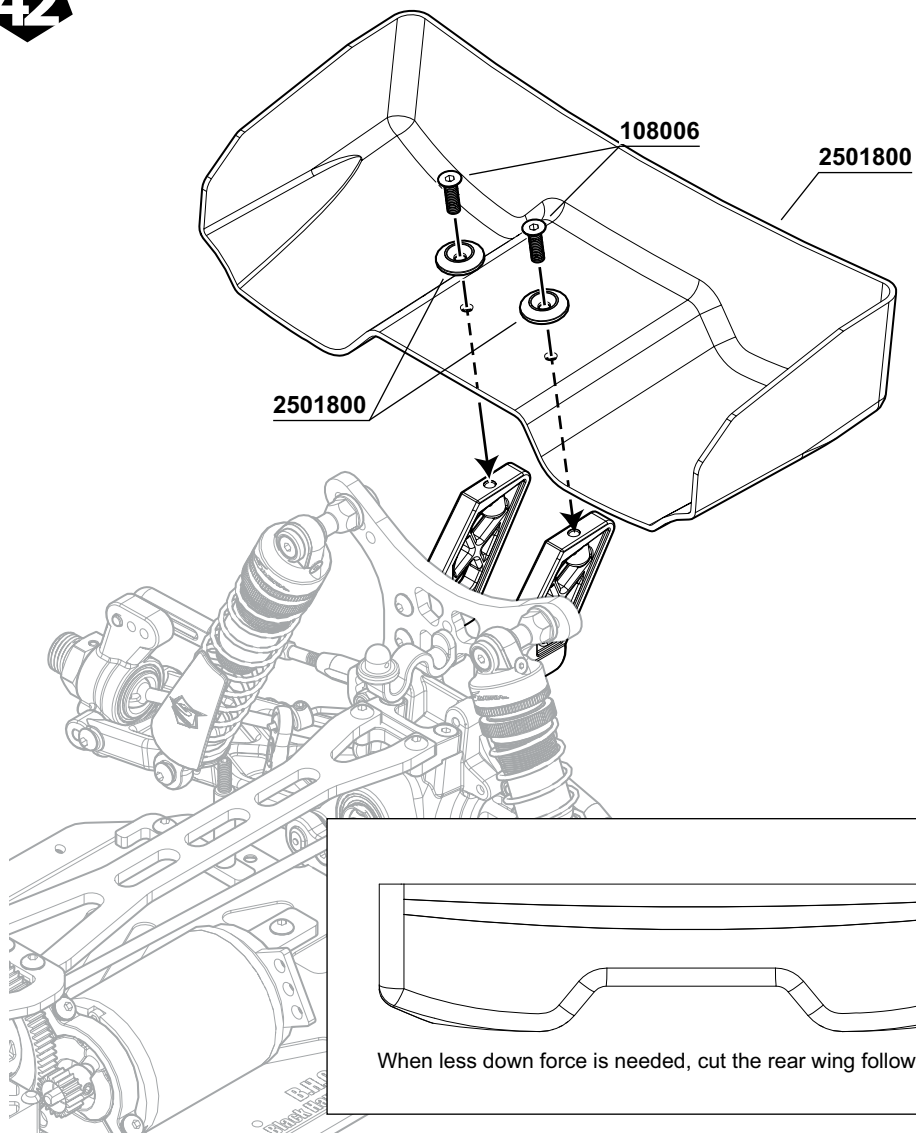
101020A
3mm Countersunk Washers (RD)

x4

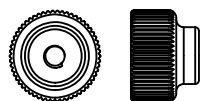




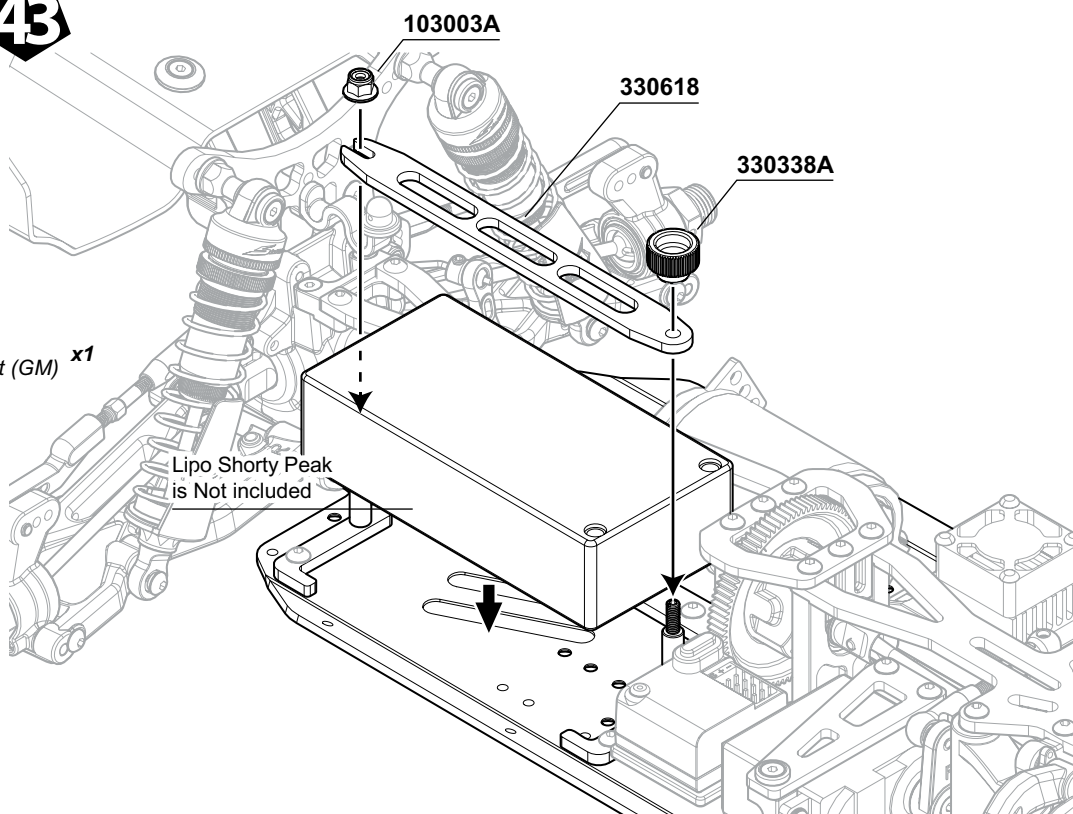
108006
M3x8mm FH/ST HEX Screw x2

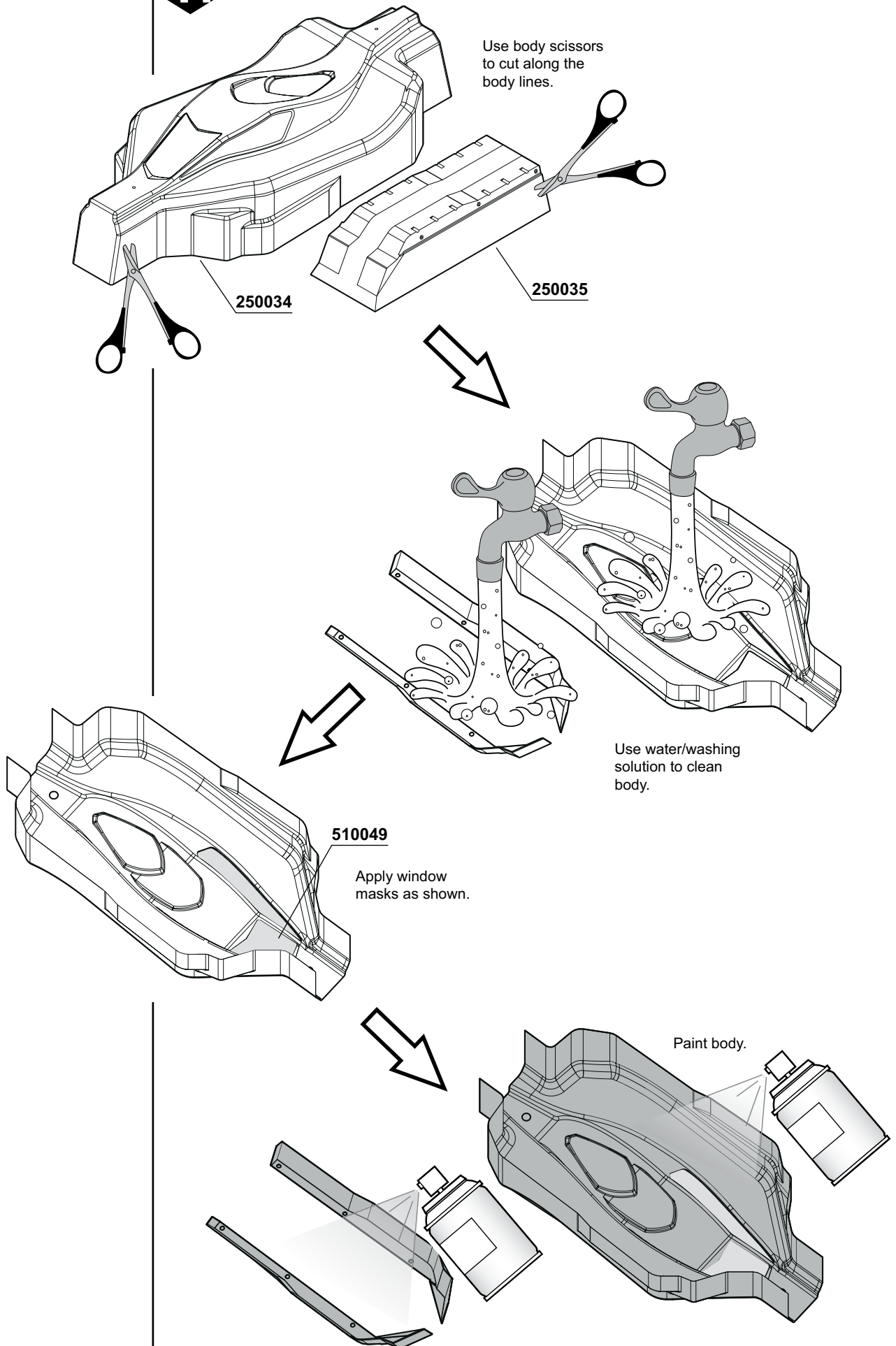


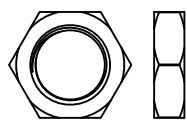
103003A
Flange M3 Nut Lock x1



330338A
S104 Aluminum Battery Holder Nut (GM) x1



44**Body shell painting preparation**



330298A
S104 Wheel Nut 14mm **x4**

45

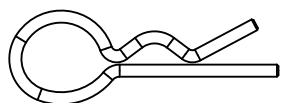
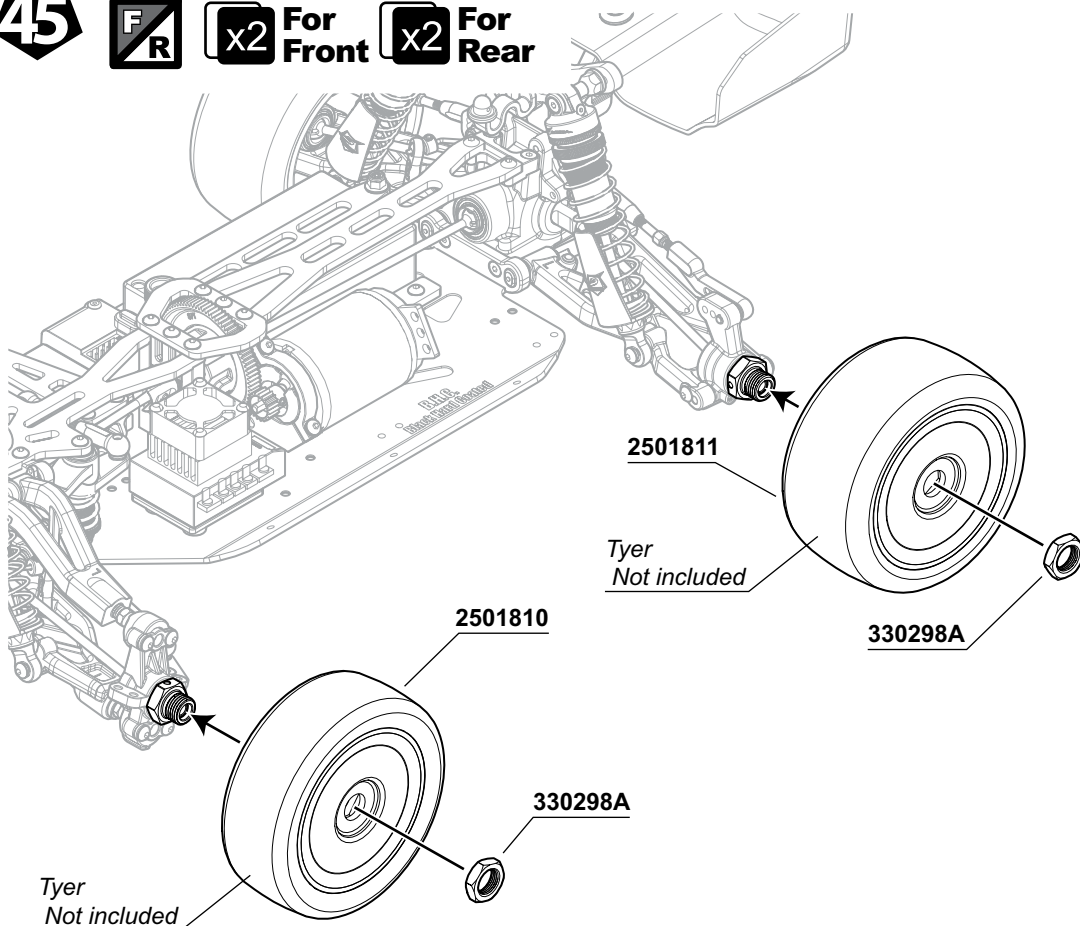


x2

For Front

x2

For Rear



115062
1/10 Body Clip **x2**

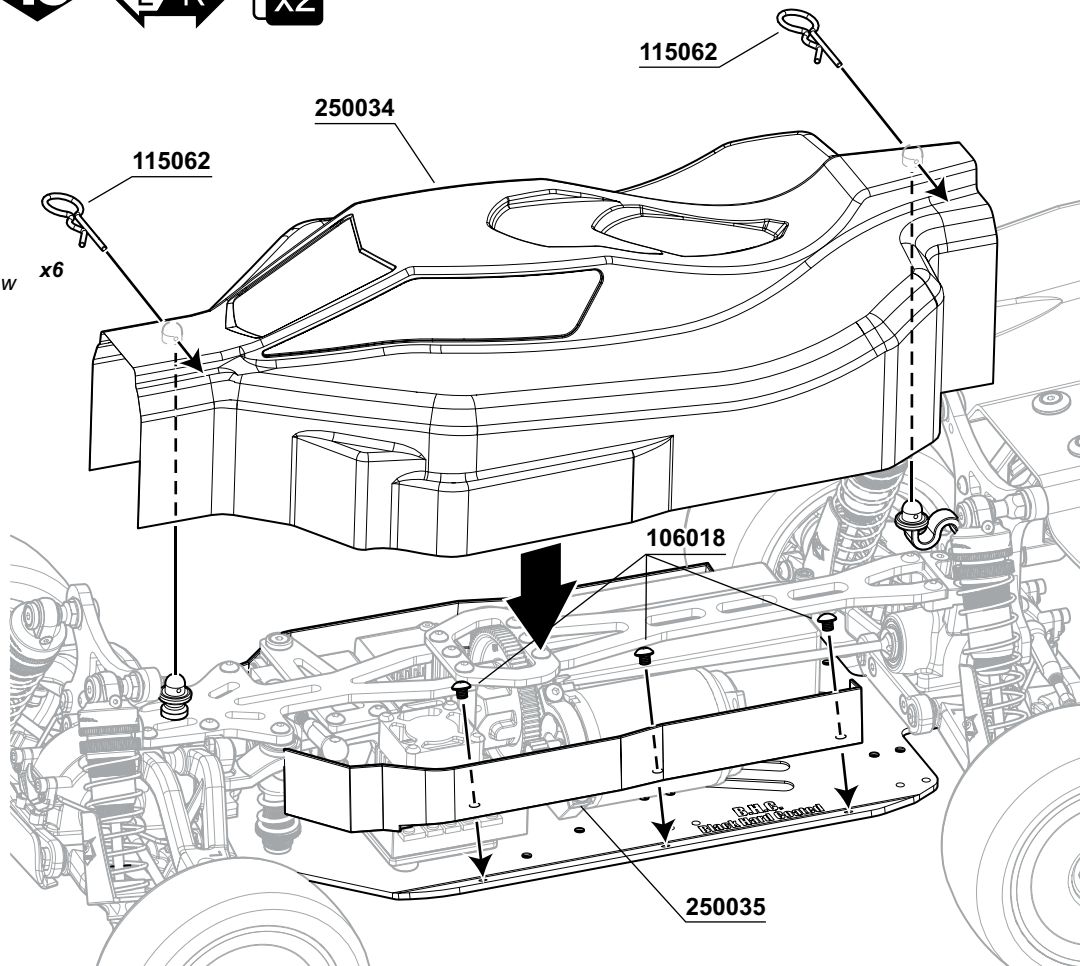


106018
M3x3mm Hex Socket OH/TP Screw **x6**

46



x2



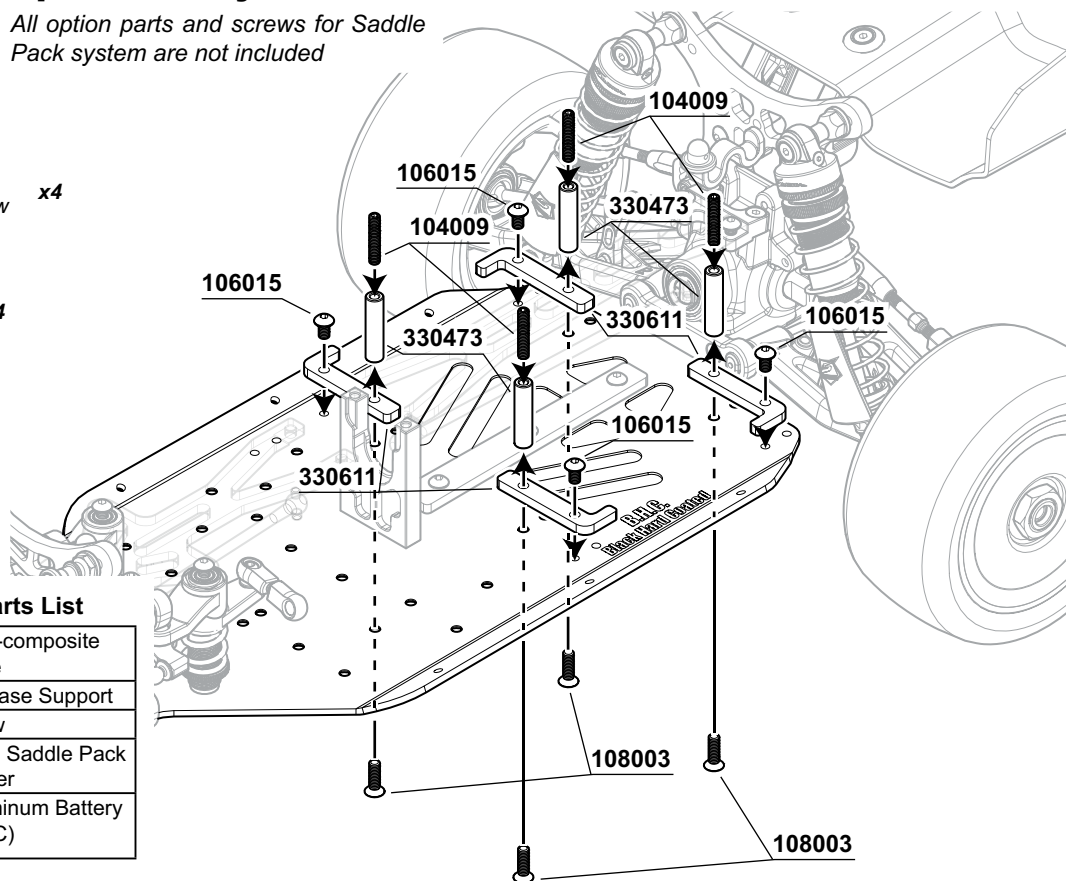
 **104009**
M3x16mm Set Screw x4

 **106015**
M3x5mm Hex Socket OH/TP Screw x4

 **108003**
M3x10mm FH/ST HEX Screw x4

Option Battery Saddle Pack Installation

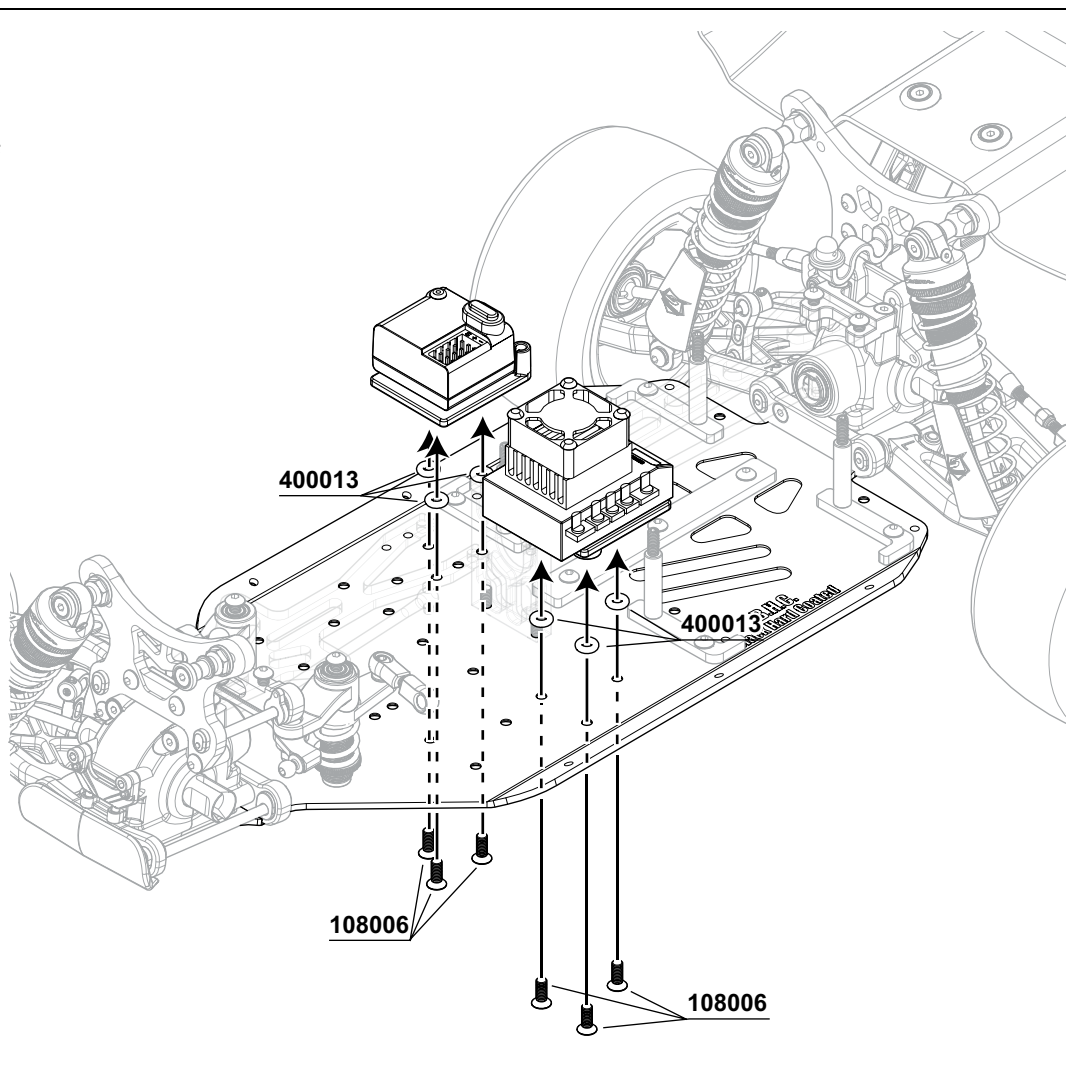
All option parts and screws for Saddle Pack system are not included



Battery Saddle Pack Option Parts List

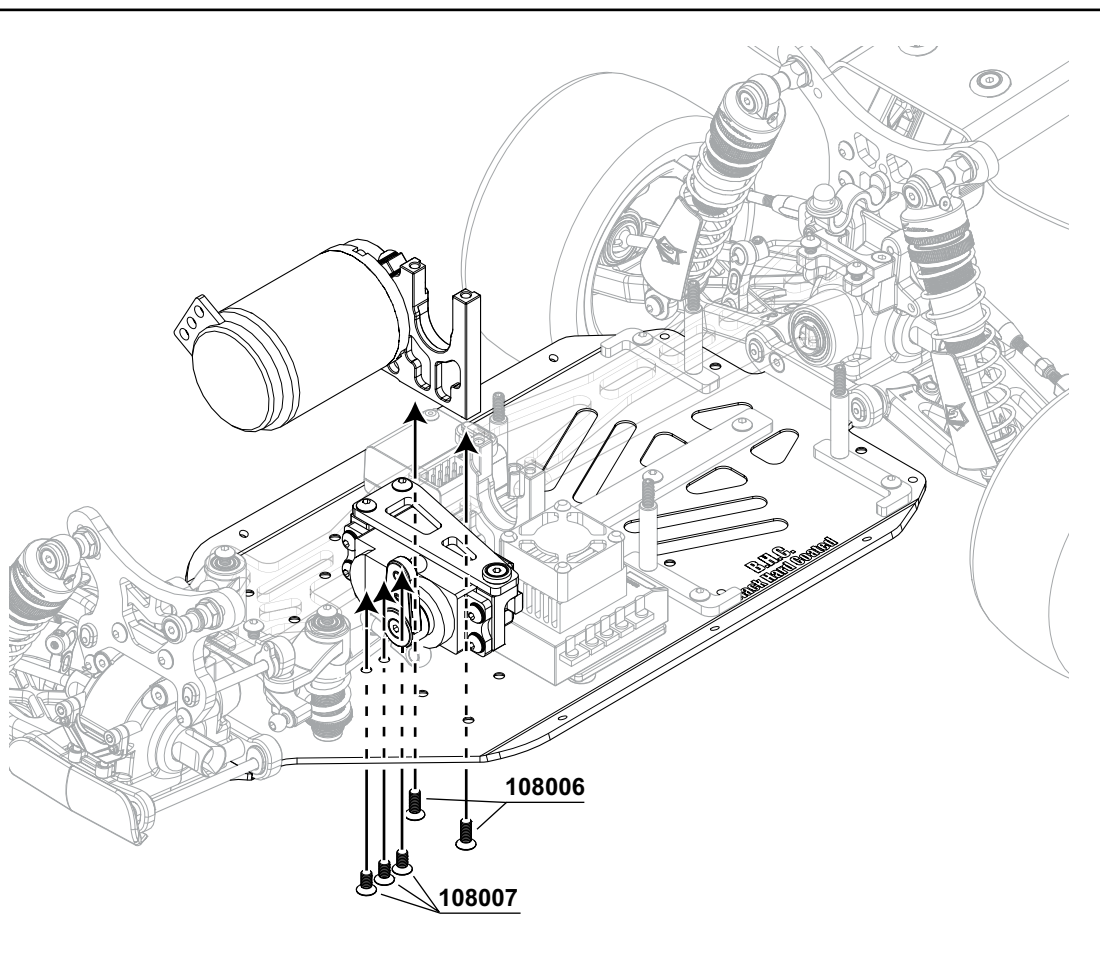
SW-330611	2015 S104 EVO Pro-composite Carbon Battery Case
SW-330473	S104 EVO Battery Case Support
SW-104009	M3x16mm Set Screw
SW-330470	SWORKz S104 EVO Saddle Pack Carbon Battery Holder
SW-330338A	SWORKz S104 Aluminum Battery Holder Nut (GM)(4PC)

 **108006**
M3x8mm FH/ST HEX Screw x6



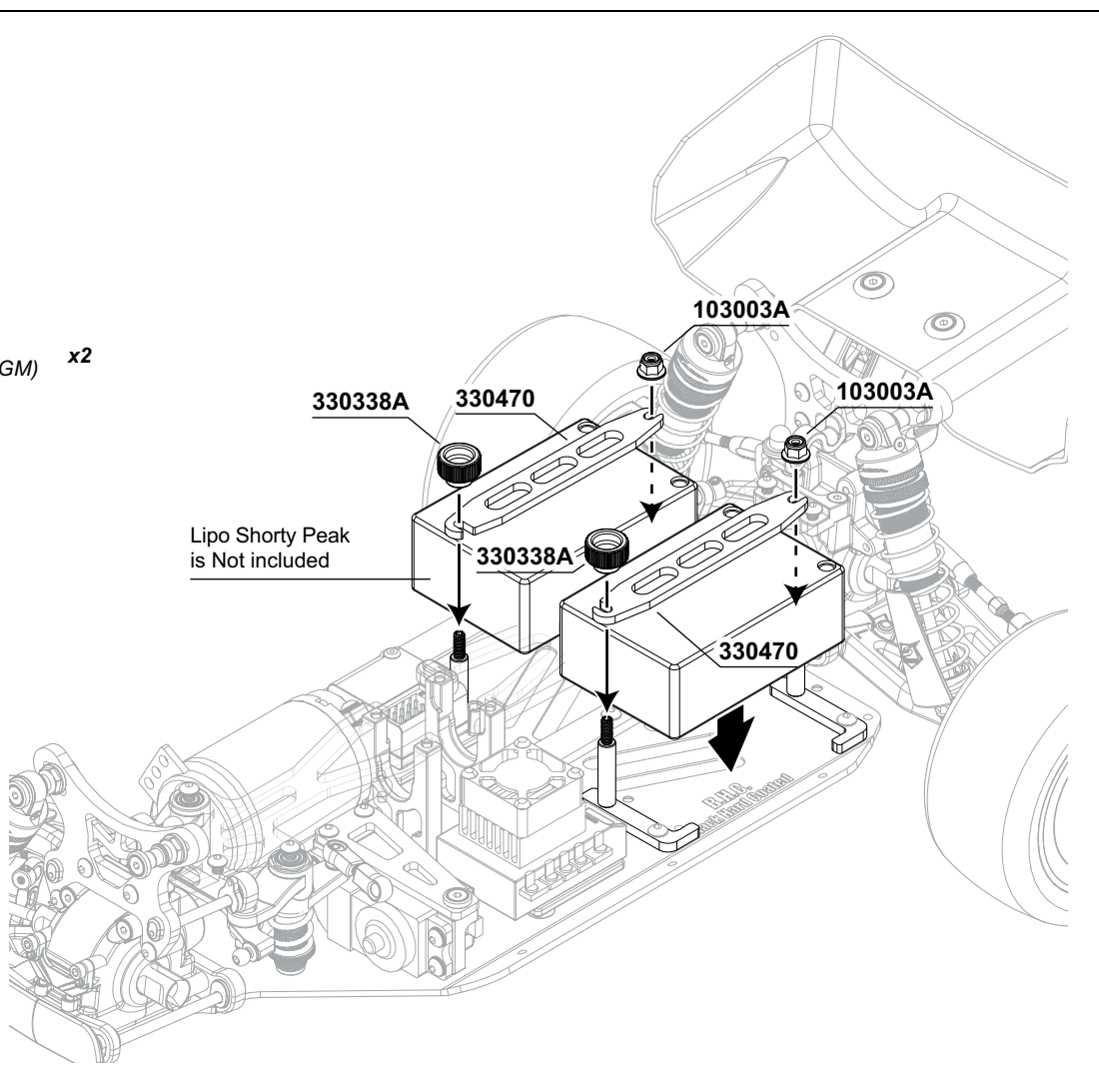
108007 *M3x6mm FH/ST HEX Screw* **x3**

108006 **x2**
M3x8mm FH/ST HEX Screw



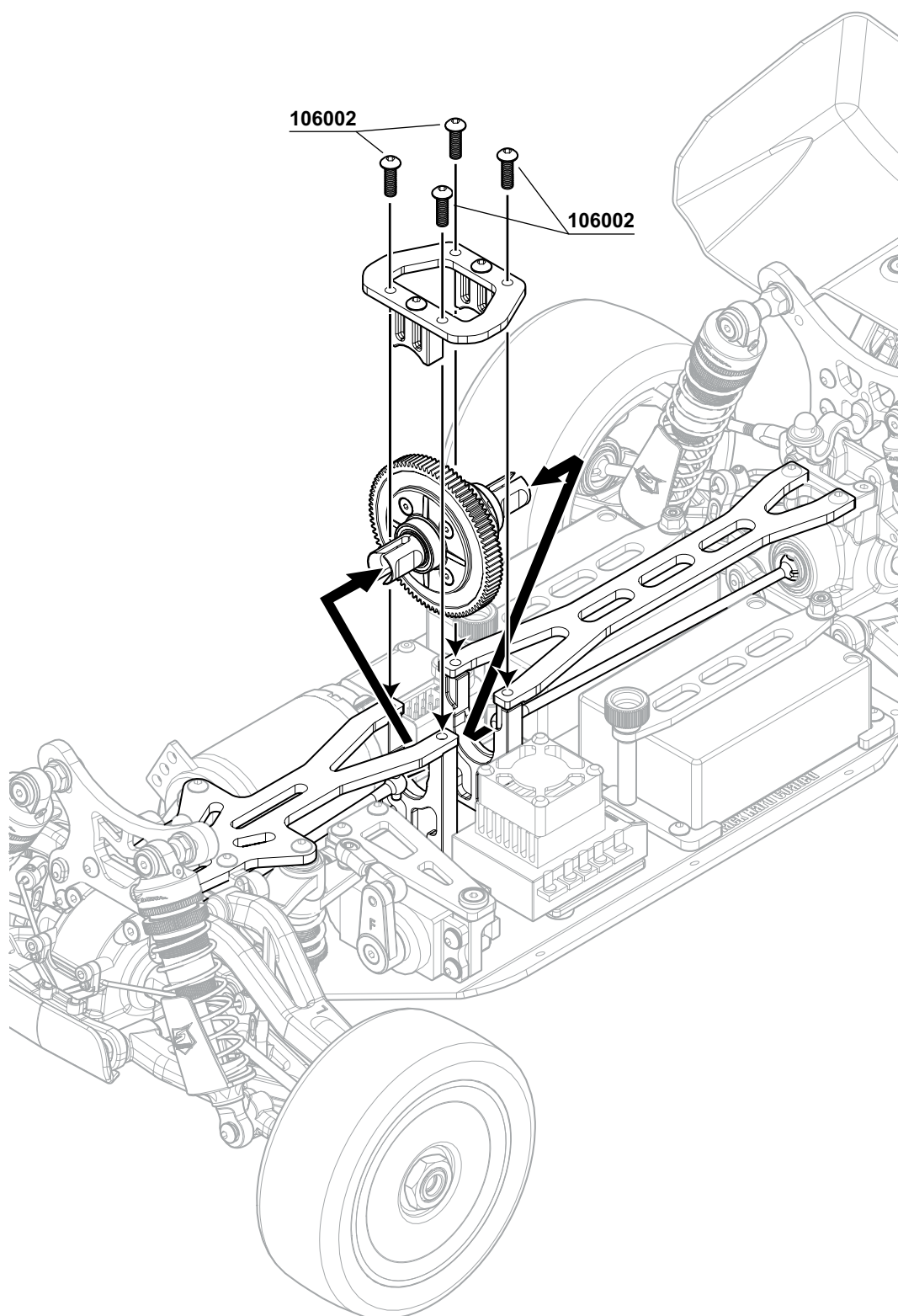
103003A *Flange M3 Nut Lock* x2

330338A *S104 Aluminum Battery Holder Nut (GM)* **x2**





106002
M3x10mm Hex Socket OH/TP Screw **x4**



S104EVO

Track Conditions

Size: ☐ Open ☐ Med. ☐ Tight
 Traction: ☐ High ☐ Med. ☐ Low
 Surface: ☐ Smooth ☐ Med. ☐ Bumpy

Name: _____
 Date: _____
 Track: _____

Diff. Oil

Front: _____
 Center: _____
 Rear: _____

Electric System

ESC Type: _____

Motor Type: _____

Motor Gear/Spur Gear: _____

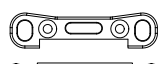
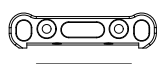
Battery Type A: Saddle Pack _____
 B: Shorty Pack _____

Tire

Front Rear
 Type: _____ Type: _____
 Foam: _____ Foam: _____

Front Suspension

Front in-Board Toe

	
☐ -1	☐ -1
☐ 0	☐ 0
☐ +1	☐ +1

Front Shocks

Oil: _____
 Pistons: _____
 Spring: _____
 Spacer: _____ mm

Body: _____
 Wing: _____

_____ mm

Track width _____ mm

Camber angle Upper _____ mm
 Lower _____ mm

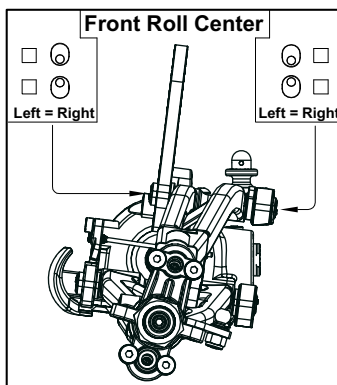
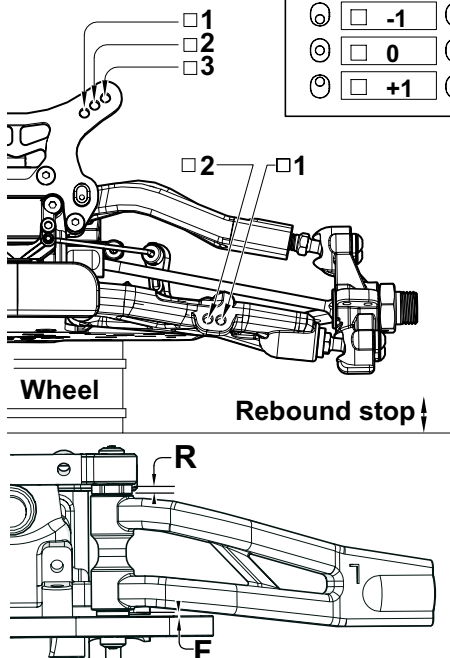
Toe angle _____ mm

Rebound stop _____ mm

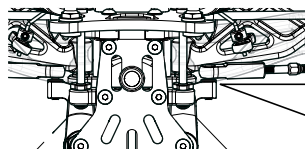
Sway bar ☐ Use _____ mm
☐ None

Steering Ackerman

☐ 0
☐ 1
 _____ mm

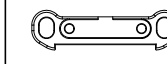
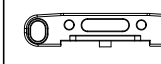


R: _____ mm
 F: _____ mm



Rear Suspension

Rear Toe-In

	
☐ -1	☐ -1
☐ 0	☐ 0
☐ +1	☐ +1

Rear Shocks

Oil: _____
 Pistons: _____
 Spring: _____
 Spacer: _____ mm

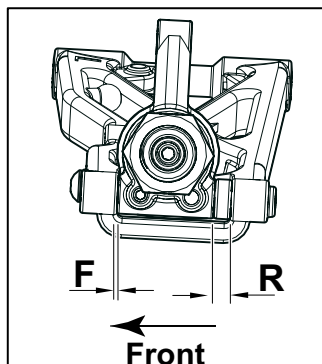
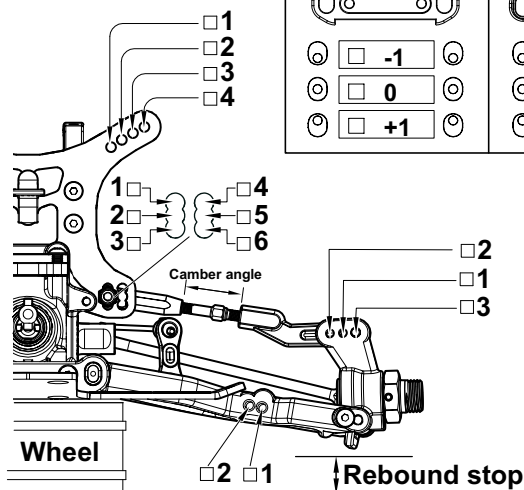
Camber angle _____ mm
 Rebound stop _____ mm

_____ mm

Wheelbase F _____ mm
 adjustment R _____ mm

Sway bar ☐ Use _____ mm
☐ None

Notes: _____



S104EVO

Name: Atsushi Hara

Date: 2015/1/25

Track: OCRC Raceway

Diff. Oil

Front: #10000

Center: #500000

Rear: #10000

Track Conditions

Size: ☐ Open ☐ Med. ☒ Tight
Traction: ☐ High ☒ Med. ☐ Low
Surface: ☒ Smooth ☐ Med. ☐ Bumpy

Electric System

ESC Type: Hobby Wing V3.1

Motor Type: Hobby Wing V10 5.5T

Motor Gear/Spur Gear: 19/87T

Battery Type A: Saddle Pack _____
B: Shorty Pack Pro Tek RC

Tire

Front Type: Pro Line Rear Type: Pro Line
Foam: Pro Line Foam: Pro Line

Front Suspension

Front in-Board Toe


☒ -1
☐ 0
☐ +1

☐ -1
☒ 0
☐ +1

Front Shocks

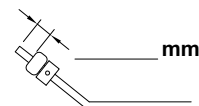
Oil: #400

Pistons: 1.5x2Holes

Spring: Green

Spacer: 15 mm

Body: SWORKZ

Wing: SWORKZ


Track width _____ mm

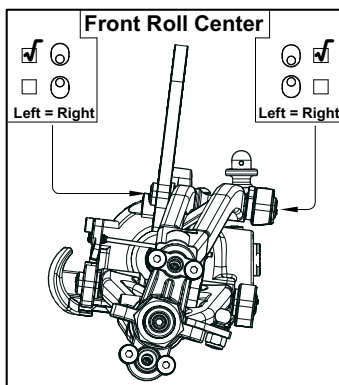
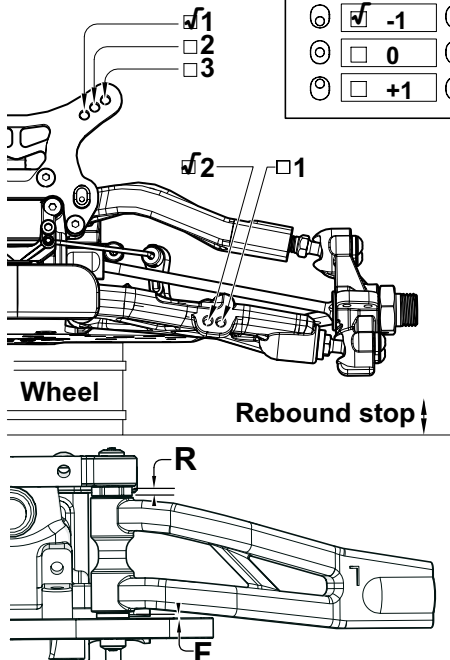
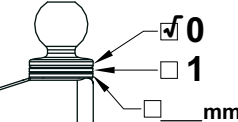
Camber angle Upper 1 mm
Lower 2 mm

Toe angle _____ mm

Rebound stop _____ mm

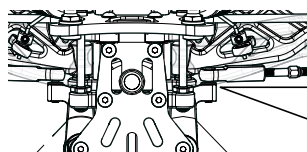
Sway bar ☐ Use _____ mm
☒ None

Steering Ackerman


☒ Left = Right
☐ Left = Right

☐ Left = Right
☒ Left = Right

R: 2 mm

F: 0 mm


Rear Suspension

Rear Toe-In


☐ -1
☒ 0
☐ +1

☒ -1
☐ 0
☐ +1

Rear Shocks

Oil: #350

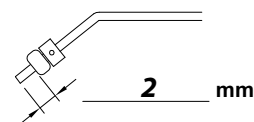
Pistons: 1.5x2Holes

Spring: Green

Spacer: 10 mm

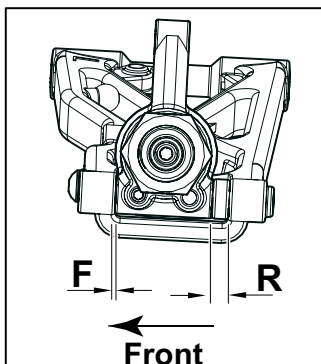
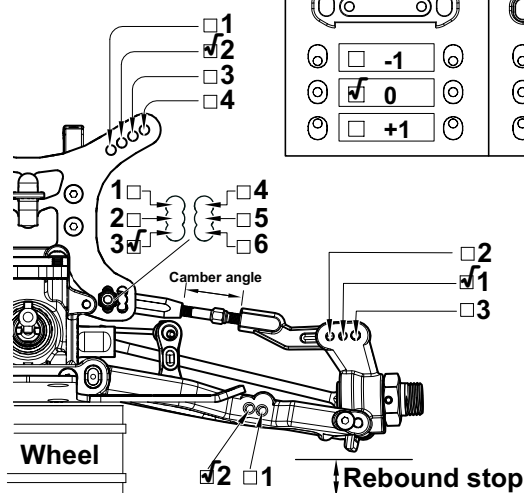
Camber angle 15.5 mm

Rebound stop _____ mm


Wheelbase F _____ mm
adjustment R 3 mm

Sway bar ☒ Use 1.3 mm
☐ None

Notes: _____



Parts No. List			
Part No.	Part Name	Q'ty in Use	Item No.
103001	M3 Nut Lock	8	SW-103001
104004	M3x3mm Set Screw	5	SW-104004
104005	Set Screw M3x4	6	SW-104005
104008	M4x4mm Set Screw	4	SW-104008
104009	M3x16mm Set Screw	3	SW-104009
105004	M2.6x6mm Cap Screw	4	SW-105004
106001	M3x8mm Hex Soket OH/TP Screw	11	SW-106001
106002	M3x10mm Hex Soket OH/TP Screw	16	SW-106002
106005	M3x15mm Hex Soket OH/TP Screw	2	SW-106005
106008	M3x12mm Hex Soket OH/TP Screw	6	SW-106008
106010	M3x6mm Hex Soket OH/TP Screw	15	SW-106010
106014	M2x6mm Hex Soket OH/TP Screw	4	SW-106014
106015	M3x5mm Hex Soket OH/TP Screw	7	SW-106015
106018	M3x3mm Hex Soket OH/TP Screw	6	SW-106018
108001	M3x12mm FH/ST HEX Screw	10	SW-108001
108003	M3x10mm FH/ST HEX Screw	16	SW-108003
108006	M3x8mm FH/ST HEX Screw	20	SW-108006
108007	M3x6mm FH/ST HEX Screw	9	SW-108007
108017	M2.6x10mm FH/ST HEX Screw	12	SW-108017
108018	M3x30mm FH/ST HEX Screw	4	SW-108018
108020	M2.0x4mm FH/ST HEX Screw	4	SW-108020
115055	S104 Sway Bar 1.3mm	1	SW-115055
115056	S104 Sway Bar 1.5mm	1	SW-115056
115062	1/10 Body Clip	2	SW-115062
115090	S104EVO/S102 Front Shock Spring(1.3P5.5)	2	SW-115090
115091	S104EVO/S102 Rear Shock Spring(1.2Px6.0)	2	SW-115091
115131	S104 EVO Servo Saver Spring(H)	1	SW-115131
116013	Ball Bearing 10x15x4mm	14	SW-116013
116017	Ball Bearing 6x12x4mm	4	SW-116017
117003	Flange Ball Bearing 3x6x2.5mm	4	SW-117003
117004	Bushing 5x8x2.5mm	4	SW-117004
101020A	3mm Countersunk Washers (RD)	9	SW-101020A
103003A	Flange M3 Nut Lock (GM)	1	SW-103003A
200193	Antenna Tube	1	SW-200193
2501794B	S104 Front Lower Arm L	1	SW-2501794B
	S104 Front Lower Arm R	1	
	S104 Front Upper Arm L	1	
	S104 Front Upper Arm R	1	
	S104 Sway Bar Linkage	2	
2501795B	S104 Rear Lower Arm L	1	SW-2501795B
	S104 Rear Lower Arm R	1	
	S104 Sway Bar Linkage	2	
2501796A	S104 Gear Box Rear	2	SW-2501796A
	S104 Gear Box Front	2	
	S104 S-way Bar Holder	2	
2501797B	S104 Plastic Knuckle Pivot Ball Washer 2mm	2	SW-2501797B
	S104 Rear Hub Carrier	2	
	S104 Pivot Ball Cup	4	
	S104 Front Steering Knuckle (L&R)	2	
	S104 Plastic Steering Knuckle Plate (L&R)	2	
2501798A	S104 Rear Lower Arm Plate (0-3.0D)	1	SW-2501798A
	S104 Front Lower Arm Holder	1	
	S104 Front Bumper	1	
	S104 Rear Wing Stay	2	
	S104 Front Upper Arm Holder	1	
2501800	S104 Rear Wing Washer	2	SW-2501800
	S104 Rear Wing	1	

Parts No. List			
Part No.	Part Name	Q'ty in Use	Item No.
2501801B	S104 Settring Bellcrank A Upper	1	SW-2501801B
	S104 Settring Bellcrank B Lower	1	
	S104 Settring Bellcrank Left	1	
	S104 Steering Servo Mount	1	
	S104 Steering Servo Horn (For Futaba)	1	
	S104 Steering Servo Horn (For Sanwa & KO)	1	
	S104 Steering Servo Horn (For Hitec)	1	
	S104 Front Body Mount	1	
	S104 Rear Body Mount	1	
2501806B	S104 Ball End 5mm (Curve)	2	SW-2501806B
	S104 Ball End 5mm	6	
	S104 Ball End S	2	
	S104 5mm Steering Ball Cap (S)	2	
	S104 5mm Steering Ball Cap (M)	2	
2501807	S104 Plastic Shock Washer 3.3x6.5x1mm	4	SW-2501807
	S104 Plastic Shock Washer 3.3x6.5x2.5mm	4	
	S104 Plastic Shock Piston 1.3mmx5 holes	4	
	S104 Plastic Shock Piston 1.2mmx5 holes	4	
	S104 Shock Cap Insert	4	
	S104 Shock Spring Holder L	2	
	S104 Shock Spring Holder S	2	
	S104 Plastic Shock Cap Stud	4	
2501808	S104 Shock Ball End	4	SW-2501808
	S104 R/F Insert (1 degree)	16	
	S104 R/F Insert (0 degree)	16	
	S104 Rear Lower Arm Done Stop Holder L	2	
	S104 Rear Lower Arm Done Stop Holder R	2	
	S104 Front Upper Arm Insert (2mm)	4	
	S104 Servo Savor Plastic Insert 5x8x2.5mm	4	
2501809	S104 Rear Hub Carrier Insert	8	SW-2501809
2501810	S104 Diff. Case	3	
2501810	S104 Front Wheel (WH)	2	SW-2501810WH
2501811	S104 Rear Wheel (WH)	2	SW-2501811WH
2502212	14mm Plastic Wheel Hex Tool Hand Bar	1	SW-2502212
2502524	S104 EVO ESC Smart Protection Plastic Holder	1	SW-2502524
	S104 EVO Receiver Smart Protection Plastic Holder	1	
	S104 EVO Front Bumper	2	
	S104 EVO Plastic Center Diff/Slipper Clutch Holder	2	
2502527	S104 EVO Center Gear Diff 87T Spur Gear (48DP)	1	SW-2502527
250034	S104 EVO Velocity Body Shell	1	SW-250034
250035	S104 EVO Velocity Body Shell Side Guard Set (L/R)	1	SW-250035
330134	Shock Ball Stud	4	SW-330134
330155	Steering Servo Turnbuckle (M3x30mm)	4	SW-330155
330277	S104 Diff. Bevel Gear 18T	6	SW-330278
330278	S104 Diff. Bevel Gear 10T	12	SW-330278
330279	S104 Bevel Gear Shaft	6	SW-330279
330282	S104 Front/Rear Diff. Outdrive	6	SW-330282
330283	S104 Pin M2.0x10mm	12	SW-330283
330284	S104 Crown Gear 42T	2	SW-330284
330285	S104 Pin M2.0x14mm	4	SW-330285
330286	S104 Pinion Gear 17T	2	SW-330286
330292	S104 Front/Rear Lower Arm HingPin	4	SW-330292
330293	S104 Rear Hub Carrier Hing pin	2	SW-330293
330294	S104 CVD Axle	4	SW-330294
330295	S104 CVD Join	6	SW-330295
330296A	S104 PRO CVD Drive Shaft 78mm	4	SW-330296A
330298A	S104 Wheel Nut 14mm (HC)	4	SW-330298A
330304A	S104 Aluminum Shock Spring Adjust Nut (BK)	4	SW-330304A
330305	S104 Shock Washer 3.3x6.5x1mm	4	SW-210065
330312A	S104 Aluminum Shock Cap Stud	2	SW-330312A
330316A	S104 Aluminum Knuckle Pivot Ball Washer 2mm (GM)	2	SW-330316A
330314	S104 Steering Knuckle Pivot Ball Turnbuckle	4	SW-330314

Parts No. List

Part No.	Part Name	Q'ty in Use	Item No.
330315	Sway Bar Linkage Ball Stud	4	SW-330315
330327	S104 Servo Saver Shaft	2	SW-330327
330328	S104 Servo Saver Post	1	SW-330328
330329	S104 Servo Saver Nut	1	SW-330329
330331	S104 Steering Linkage 5mm Ball Stud (L4.1mm)	2	SW-330331
330332	S104 Front Upper Arm Arm HingPin	2	SW-330332
330338	S104 Aluminum Battery Holder Nut	1	SW-330338
330342A	S104 Aluminum Front Upper Arm Holder (BK)	1	SW-330342A
330347A	S104 Pro-composite Carbon Steering Knuckle Plate (L)	1	SW-330347A
330348A	S104 Pro-composite Carbon Steering Knuckle Plate (R)	1	SW-330348A
330409	S104 Motor Gear 19T	1	SW-330409
330473	S104 EVO Battery Case Support	2	SW-330473
330476	S104 EVO Front Pro-composite Carbon Shock Tower	1	SW-330476
330477	S104 EVO Rear Pro-composite Carbon Shock Tower	1	SW-330477
330469A	S104 +1mm Wide Wheel Hub 14mm(HC)	4	SW-330469A
330529	S104EVO/102 Shock Body (L)	2	SW-330529
330530	S104EVO/102 Shock Body (S)	2	SW-330530
330531	S104EVO/102 Shock Shaft(L)	2	SW-330531
330532	S104EVO/102 Shock Shaft(S)	2	SW-330532
330544	S102 Shoick Seal Cover (SP)	4	SW-330544
330545	S102 Shock Seal Washer(3.3X6.5X2.0(SP)	8	SW-210065
330546	S102 Shock Cap (SP)	4	SW-330546
330547	S104EVO/S102 Shock Piston(1.5mmX2 Holes)	4	SW-330547
330594	S104 EVO F.C.S.S. 7075 Main Chassis	1	SW-330594
330595	S104 EVO Rear Lower Arm Holder for FCSS chassis	1	SW-330595
330596	S104 EVO Aluminum Rear Lower Arm Plate For FCSS Chassis (0-3.0D)	1	SW-330596
330597	S104 EVO Rear Longer Aluminum Shock Cap Stud	2	SW-330597
330598	S104 EVO Front Lower Arm Holder for FCSS chassis	1	SW-330598
330599	S104 EVO Pro-composite Carbon Center Support (Front)	1	SW-330599
330600	S104 EVO Aluminum Steering Bellcrank A Upper	1	SW-330600
330601	S104 EVO Servo Saver Steering Plate	1	SW-330601
330602	S104 EVO Aluminum Center Motor Mount (Bottom)	1	SW-330602
330603	S104 EVO Aluminum Motor Adjust Mount	1	SW-330603
330604	S104 EVO Aluminum Center Motor Mount Cover	1	SW-330604
330605	S104 EVO Aluminum Center Diff/Slipper Clutch Mount	1	SW-330605
330606	S104 EVO Front Lower Suspension Plate	1	SW-330606
330607	S104 EVO Aluminum Rear Center Support Holder	1	SW-330607
330609	2015 S104 EVO Pro-composite Carbon Center Support (Rear)	1	SW-330609
330610	S104 EVO Pro-composite Carbon Center Diff/Slipper Clutch Cover	1	SW-330610
330611	2015 S104 EVO Pro-composite Carbon Battery Case	2	SW-330611
330612	S104 EVO Aluminum Servo Holder	1	SW-330612
330613	S104 EVO Aluminum Servo Post	1	SW-330613
330614	S104 EVO Pro-composite Carbon Servo Linkage Plate	1	SW-330614
330615	S104 EVO Pro-composite Carbon Chassis Brace	1	SW-330615
330616	S104 EVO Rear Center Drive Shaft 113mm	1	SW-330616
330617	S104 EVO Front Center Drive Shaft 80mm	1	SW-330617
330618	2015 S104 EVO Shorty Pack Pro-composite Carbon Battery Holder	1	SW-330618
330643	S104 EVO Steering Linkage 5mm Ball Stud (L7mm)	8	SW-330643
400002	O-ring S5	6	SW-400002
400008	S104 O-ring for Pinion Gear 7.65x1.2mm	2	SW-400008
400013	S104 Shock Seal O-ring 2x2.7mm	6	X
400014	S104 Aluminum Shock Spring Adjust Nut O-Ring 1.5x13.5mm	4	SW-400014
400018A	S104 Shock Seal O-ring 3x6.6mm	8	SW-210065
410047	S102 Shock Cap O-Ring (SP)	4	SW-410047
410049	1/10 Shock Seal Cap O-ring (8*10*1)	4	SW-410049
420010	Antenna Cup	1	SW-200193
510049	S104 EK1 EVO Body Window Mask	1	SW-250034
510050	S104 EK1 EVO Body Decal Sheet	1	SW-510050
610012	S104 Diff. Gasket (0.4T)	3	SW-610012

Spare Part List	
Item No.	Part Name
SW-101011	M2.6x6xT0.5mm
SW-101012	M3x6xT0.5mm
SW-101020A	S350 Sries 3mm Countersunk Washers (GM)
SW-101023	Shim 10x12x0.1mm
SW-101024	Shim 10x12x0.2mm
SW-101025	Shim 3.5x10x0.1mm
SW-103001	M3 Nut Lock
SW-103003A	Flange M3 Nut Lock (GM)
SW-104004	M3x3mm Set Screw
SW-104005	Set Screw M3x4
SW-104008	M4x4mm Set Screw
SW-104009	M3x16mm Set Screw
SW-105004	M2.6x6mm Cap Screw
SW-106001	M3x8mm Hex Soket OH/TP Screw
SW-106002	M3x10mm Hex Soket OH/TP Screw
SW-106005	M3x15mm Hex Soket OH/TP Screw
SW-106008	M3x12mm Hex Soket OH/TP Screw
SW-106010	M3x6mm Hex Soket OH/TP Screw
SW-106014	M2x6mm Hex Soket OH/TP Screw
SW-106015	M3x5mm Hex Soket OH/TP Screw
SW-106018	M3x3mm Hex Soket OH/TP Screw
SW-108001	M3x12mm FH/ST HEX Screw
SW-108003	M3x10mm FH/ST HEX Screw
SW-108006	M3x8mm FH/ST HEX Screw
SW-108007	M3x6mm FH/ST HEX Screw
SW-108017	M2.6x10mm FH/ST HEX Screw
SW-108018	M3x30mm FH/ST HEX Screw
SW-108020	M2.0x4mm FH/ST HEX Screw
SW-115055	S104 Sway Bar 1.3mm
SW-115056	S104 Sway Bar 1.5mm
SW-115062	1/10 Body Clip
SW-115090	S104EVO/S102 Front Shock Spring(1.3P5.5)
SW-115091	S104EVO/S102 Rear Shock Spring(1.2Px6.0)
SW-115131	S104 EVO Servo Saver Spring(H)
SW-116013	Ball Bearing 10x15x4mm
SW-116017	Ball Bearing 6x12x4mm
SW-117003	Flange Ball Bearing 3x6x2.5mm (2pc)
SW-117004	Bushing 5x8x2.5mm
SW-200193	Antenna Tube
SW-210036	S104 Diff. Case Set
SW-210065	S104 EVO/S102 series Pro Shock Seal Kit
SW-250034	SWORKz S104 EVO Velocity Body Shell Set
SW-250035	SWORKz S104 EVO Velocity Body Shell Side Guard Set
SW-2501794B	S104 EVO Front Up/Lower Arm Set
SW-2501795B	S104 EVO Rear Lower Arm Set
SW-2501796A	S104EVO Gear Box Set (F&R)
SW-2501797B	S104/EVO Front Steering Knuckle andRear Hub Carrier Set
SW-2501798A	S104 EVO Wing Stay Set with Bumper and Arm Holder
SW-2501800	S104 Rear Wing Set
SW-2501801B	S104 EVO Settring Bellcrank Set with Servo Horn Set
SW-2501806B	S104 EVO Plastic Ball End Set
SW-2501807	S104 Shock Spring Holder with Ball End Plastic Parts
SW-2501808	S104 Plastic Insert Set
SW-2501810WH	S104 Front Wheel (WH)
SW-2501811WH	S104 Rear Wheel (WH)
SW-2502212	14mm Plastic Wheel Hex Tool Hand Bar
SW-2502524	S104 EVO Plastic Bumper Accessories Set
SW-2502527	S104 EVO Center Gear Diff 87T Spur Gear (48DP)
SW-330134	Shock Ball Stud 6mmxL6.7
SW-330155	Steering Servo Turnbuckle (M3x30mm)
SW-330278	S104 Diff. Bevel Gear Set
SW-330279	S104 Bevel Gear Shaft
SW-330282	S104 Front/Rear Diff. Outdrive
SW-330283	S104 Pin M2.0x10mm
SW-330284	S104 Crown Gear 42T

Spare Part List	
Item No.	Part Name
SW-330285	S104 Pin M2.0x14mm
SW-330286	S104 Pinion Gear 17T
SW-330292	S104 Front/Rear Lower Arm HingPin (2pc)
SW-330293	S104 Rear Hub Carrier Hing pin (2pc)
SW-330294	S104 CVD Axle (2pc)
SW-330295	S104 CVD Join (2pc)
SW-330296A	S104 PRO CVD Drive Shaft 78mm
SW-330298A	S104 Wheel Nut 14mm (HC)
SW-330304A	S104 Aluminum Shock Spring Adjust Nut (BK)
SW-330312A	S104 Aluminum Shock Cap Stud
SW-330314	S104 Steering Knuckle Pivot Ball Turnbuckle (4pc)
SW-330315	Sway Bar Linkage Ball Stud (4pc)
SW-330316A	S104 Aluminum Knuckle Pivot Ball Washer 2mm (GM)
SW-330327	S104 Servo Saver Shaft
SW-330328	S104 Servo Saver Post
SW-330329	S104 Servo Saver Nut
SW-330330	S104 Servo Saver Steering Plate
SW-330331	S104 Steering Linkage Ball Stud 5mm (4pc)
SW-330332	S104 Front Upper Arm Arm HingPin (2pc)
SW-330338	S104 Aluminum Battery Holder Nut
SW-330342A	S104 Aluminum Front Upper Arm Holder (BK)
SW-330347A	S104 Pro-composite Carbon Steering Knuckle Plate (L)
SW-330348A	S104 Pro-composite Carbon Steering Knuckle Plate (R)
SW-330409	S104 Motor Gear 19T
SW-330469A	S104 +1mm Wide Wheel Hub 14mm(HC)
SW-330473	S104 EVO Battery Case Support
SW-330476	S104 EVO Front Pro-composite Carbon Shock Tower
SW-330477	S104 EVO Rear Pro-composite Carbon Shock Tower
SW-330529	S104EVO/102 Shock Body (L)
SW-330530	S104EVO/102 Shock Body (S)
SW-330531	S104EVO/102 Shock Shaft(L)
SW-330532	S104EVO/102 Shock Shaft(S)
SW-330544	S102 Shoick Seal Cover (SP)
SW-330546	S102 Shock Cap (SP)
SW-330547	S104EVO/S102 Shock Piston(1.5mmX2 Holes)
SW-330594	S104 EVO F.C.S.S. 7075 Main Chassis
SW-330595	S104 EVO Rear Lower Arm Holder for FCSS chassis
SW-330596	S104 EVO Aluminum Rear Lower Arm Plate For FCSS Chassis (0-3.0D)
SW-330597	S104 EVO Rear Longer Aluminum Shock Cap Stud
SW-330598	S104 EVO Front Lower Arm Holder for FCSS chassis
SW-330599	S104 EVO Pro-composite Carbon Center Support (Front)
SW-330600	S104 EVO Aluminum Steering Bellcrank A Upper
SW-330601	S104 EVO Servo Saver Steering Plate
SW-330602	S104 EVO Aluminum Center Motor Mount (Bottom)
SW-330603	S104 EVO Aluminum Motor Adjust Mount
SW-330604	S104 EVO Aluminum Center Motor Mount Cover
SW-330605	S104 EVO Aluminum Center Diff/Slipper Clutch Mount
SW-330606	S104 EVO Front Lower Suspension Plate
SW-330607	S104 EVO Aluminum Rear Center Support Holder
SW-330609	2015 S104 EVO Pro-composite Carbon Center Support (Rear)
SW-330610	S104 EVO Pro-composite Carbon Center Diff/Slipper Clutch Cover
SW-330611	2015 S104 EVO Pro-composite Carbon Battery Case
SW-330612	S104 EVO Aluminum Servo Holder
SW-330613	S104 EVO Aluminum Servo Post
SW-330614	S104 EVO Pro-composite Carbon Servo Linkage Plate
SW-330615	S104 EVO Pro-composite Carbon Chassis Brace
SW-330616	S104 EVO Rear Center Drive Shaft 113mm
SW-330617	S104 EVO Front Center Drive Shaft 80mm
SW-330618	2015 S104 EVO Shorty Pack Pro-composite Carbon Battery Holder
SW-330643	S104 EVO Steering Linkage 5mm Ball Stud (L7mm)
SW-400002	O-ring S5 4.8X1.5
SW-400008	S104 O-ring for Pinion Gear 7.65x1.2mm (2pc)
SW-400014	S104 Aluminum Shock Spring Adjust Nut O-Ring 1.5x13.5mm
SW-410047	S102 Shock Cap O-Ring (SP)
SW-410049	1/10 Shock Seal Cap O-ring (8*10*1)

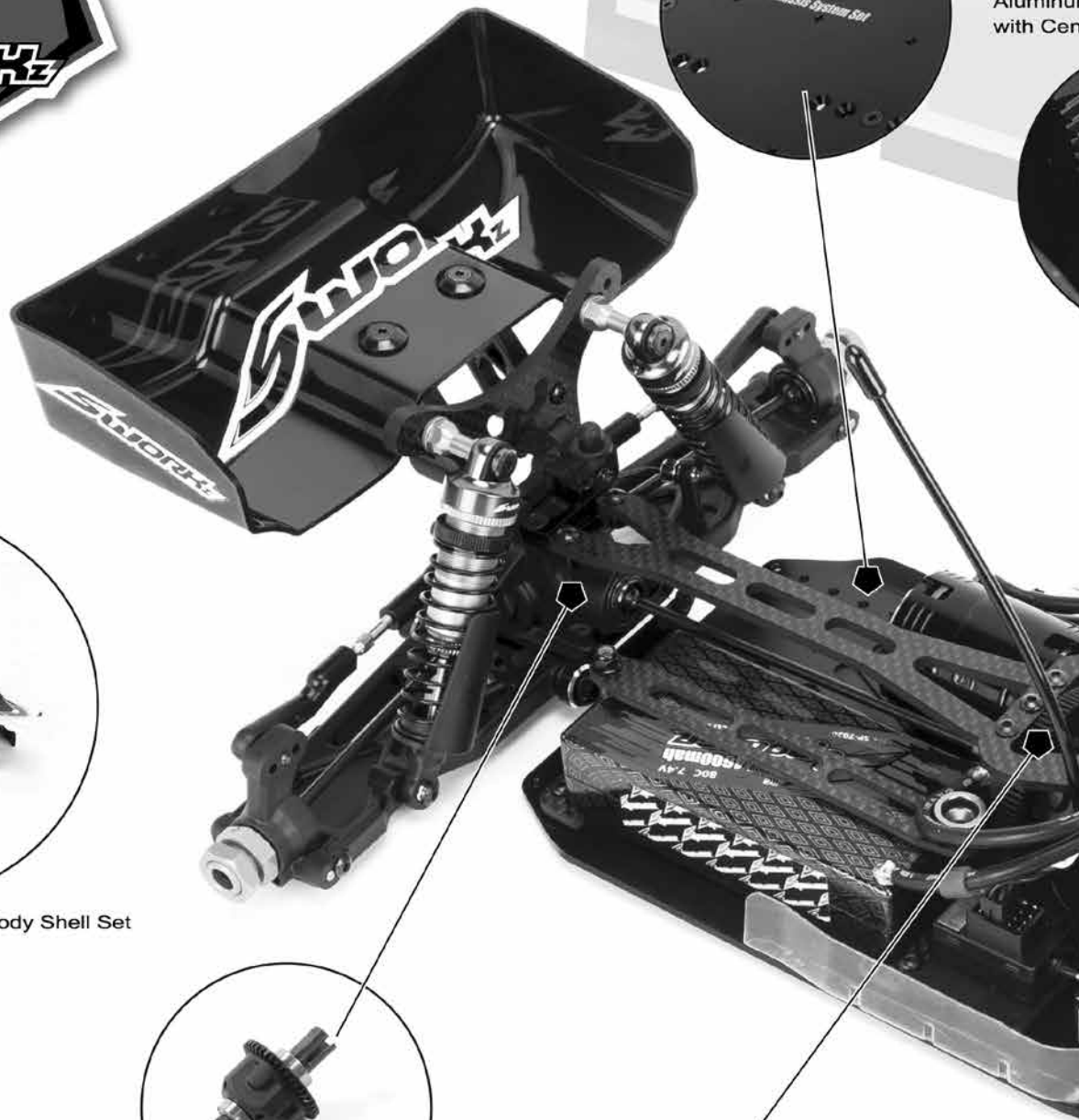
Spare Part List

Item No.	Part Name
SW-510050	S104 EVO Velocity Body Decal Sheet
SW-610012	S104 Diff. Gasket (0.4T) (2pc)
SW-610013	S104 Center Slipper Clutch Pad (2pc)

Option Part List

Item No.	Part Name
SW-2501800AFY	S104 Rear Wing Set (W/O Holes) (FY)
SW-2501800AOG	S104 Rear Wing Set (W/O Holes) (OR)
SW-2501800AWH	S104 Rear Wing Set (W/O Holes) (WH)
SW-2501956	S104 Front Wheel (FY) (2pc)
SW-2501957	S104 Rear Wheel (FY) (2pc)
SW-330324	S104 Motor Gear 20T
SW-330335	S104 Aluminum Rear Wing Washer
SW-330338	S104 Aluminum Battery Holder Nut (4pc)
SW-330342	S104 Aluminum Front Upper Arm Holder
SW-330410	S104 Motor Gear 21T
SW-330411	S104 Motor Gear 22T
SW-330412	S104 Motor Gear 23T
SW-330413	S104 Motor Gear 24T
SW-330418	S104 Carbon Fiber Battery Holder Set for Saddle Pack
SW-330442	S104 Aluminum Pivot Ball Cup Holder Set (4pc)
SW-330443	S104 Pivot Ball Cup Insert 3.7mm (4pc)
SW-330468	SWORKz S104 +2mm Wide Wheel Hub 14mm
SW-330469	SWORKz S104 +1mm Wide Wheel Hub 14mm
SW-250042	SWORKz 1/10 sonic lexan wing 6.5"
SW-250042BK	SWORKz 1/10 sonic lexan wing 6.5" (BK)
SW-250042WH	SWORKz 1/10 sonic lexan wing 6.5" (WH)
SW-330509	S104 Series Lightened Wheel Hub(+2mm)
SW-330510	S104 Series Lightened Wheel Hub(+1mm))
SW-330511	S104 Series Rear Aluminum Wheel Hub Carrier
SW-330512	S104 Series Pro Wheel Nut (GM)
SW-210068	S104 EVO Series Center Slipper Clutch Set

SWORKz F.C.S.S. with B.H.C. Chassis Design.



Aluminum
with Cen

SWORKz S104 EVO Velocity Body Shell Set

Standard with SWORKz X-System
transmission gear system.

New Adjustable Steering
with New Bell Crank S

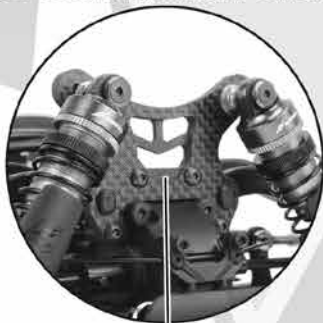
New Centre Diff System.

Using our 1/8th buggy materials we produced the S104 EVO series. The S104 EVO is very s
a good balanced car. The SWORKz S104 EVO 4WD buggy with its FCSS chassis comes st
with the SWORKz X-system transmission that provides excellent car acceleration. Equipped w
Big Bore Shocks and 3 oil filled gear differentials, the S104 EVO delivers good traction and l
any off road track. The pivot ball steering system gives the driver a good feel of the buggy.

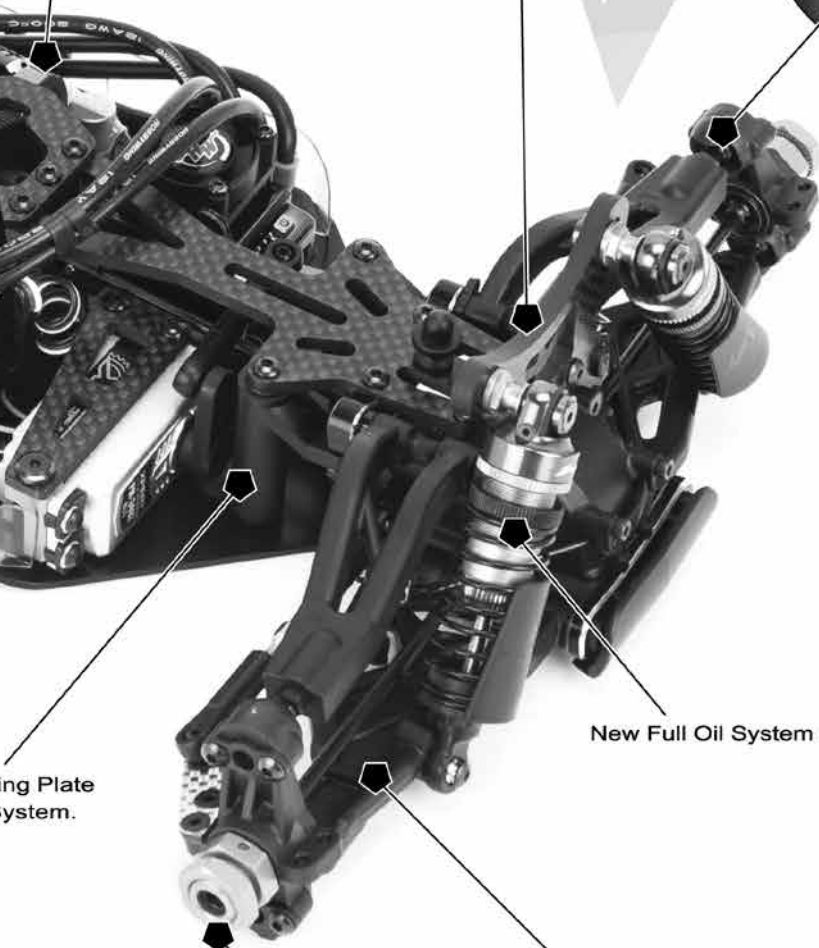
Easy Fit for Motor Holder
Differential Mount.



New Strengthen Carbon Fiber shock towers
with New Geometry Shock Position.



Pivot Ball Steering System.



ing Plate
system.

New Full Oil System Big Bore Shocks.

New Strengthen Material arms
with new suspension geometry.

14mm Hex Wheel Hub system.

Strong and
Standard
with New
balance on

S104EVO

SWORKZ



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