

S12-3C Carpet

1/10 Off Road 2WD Racing Electric Buggy



SWORKZ S12-3C INSTRUCTION MANUAL

S12-3C

1/10 Off-Road 2WD Racing Electric Buggy

INSTRUCTION

SWORKz S12-3C (Carpet Edition) 1/10 2WD Off-Road Racing Buggy

The SWORKz S12-3C Carpet Edition is a cutting-edge 1/10 scale 2WD buggy, meticulously engineered for high-performance carpet racing. Building on the proven success of the S12-2C EVO platform, this model represents a complete redesign, delivering enhanced cornering speed and effortless handling on carpet and high-traction surfaces.

Innovative Chassis Design

At the core of the S12-3C is a precision-engineered T7075 silver anodized aluminum chassis, designed for optimal performance and flexibility. The gearbox can now be additionally mounted to the chassis to fine-tune flex characteristics. Optional tuning plates allow for further customization of chassis flex, giving racers the ability to adapt the car's behaviour to different track conditions. The lightweight chassis also supports up to six different battery placement configurations, enabling precise balance adjustments, making the S12-3C a versatile platform for competitive carpet racing.

Advanced Suspension System

The buggy features SWORKz's newly designed 13mm BBS Big Bore Shock System, equipped with Emulsion Precision Plastic Shock Caps and reinforced shock pistons for improved durability. Teflon-coated shock shafts ensure ultra-smooth damping response, while the included 4mm carbon shock towers provide exceptional strength. The kit also includes protective shock tower covers and the latest 13mm BBS Black Line springs with rotation-fixed spring holders for consistent performance and a huge improvement on handling of jumps.

Precision Steering and Strong Linkage System

A new 5.5mm linkage ball stud and a robust 3.5mm turnbuckle system enhance steering precision and overall stability. The full aluminum adjustable Ackermann and steering plates offer fine-tuned and smooth control in high bite conditions.

Optimized Drivetrain and Durable Slipper System

The quick-release gear differential system can be mounted in four different positions, offering flexibility for various track setups. The 2-pad slipper clutch features hard-anodized plates, heat-resistant pads, and a spur gear protector engraved with the SWORKz logo.

Geometry and Adjustability

Angled lower arms lower the shock mounting position, reducing the center of gravity and improving stability. The gearbox has been optimized for ideal weight distribution, balancing size and strength. The rear hub height can be modified using the innovative Synthesis Rear Hub System and modular rear CVDs. A newly designed front and rear sway bar holder systems are included for enhanced cornering control.

Aerodynamics and Body Design

The adjustable wing mount allows for changes in height and angle while the pre-cut body shell is aerodynamically optimized for competitive racing.

Uncompromising Quality

Every component in the S12-3C kit reflects SWORKz's commitment to premium materials and precision engineering. This buggy embodies 100% SWORKz quality, designed to meet the highest standards of competitive racing.

Welcome to the SWORKz Experience

Congratulations on your purchase of the SWORKz S12-3C. We appreciate your trust in our brand. Please read the included manual carefully before assembling and operating your buggy. It contains step-by-step instructions to help you build, tune, and prepare your vehicle for racing. For updates, setup tips, and product news, follow SWORKz on our digital platforms.

If you have any questions or need support, don't hesitate to contact your official SWORKz dealer or distributor.

S12-3C Kit Features :

1. T7075 silver anodized & lightened aluminum chassis
2. Adjustable flex system
3. 6 different battery positions
4. Quick release carbon battery mount
5. Gear Differential with aluminum cover
6. Strong and Quality optimized laydown gearbox
7. Balanced motor position for all grip conditions
8. Quick differential release system
9. Adjustable differential position
10. 2 Pad Slipper System with hard anodized plates
11. Slipper Anti-Clock rotation adjustment
12. High temperature resistant slipper pads
13. Spur gear protection with laser Logo
14. Brand new design SWORKz 1/10 BBS 13mm Big Bore Shock System
15. New 13mm BBS Black line shock springs
16. Precision plastic emulsion shock cap system
17. Teflon hard coated shock shaft
18. Hard coated shock body
19. Hard anodized stock studs
20. Unique designed shock stud screws
21. New Front and Rear 4mm carbon shock towers with wide design
22. Aluminum Ackerman rack and steering arms
23. Carbon steering knuckle plates
24. New carbon servo mount
25. Super light anodized front wheel axles with adjustable hex system
26. Front and Rear lower arms in longer, angled design
27. Narrow front and rear bulkhead design
28. Fully adjustable square aluminum front and rear toe in plates
29. New Synthesis Rear Hub System with aluminum linkage holders
30. Rear adjustable hubs system with CVD drive shafts
31. New designed front and rear sway bar holder
32. 5.5mm ball stud system
33. Strong 3.5mm turnbuckle system
34. Quick release electronic plate
35. Optional Servo balance weight plates
36. Adjustable rear wing height and angle
37. Front wing mount with 65mm front wing
38. New Body shell with optimized aerodynamic design



Specification	
Length:	410mm
Width:	242-248mm
Height:	148mm
Ground Clearance:	40mm
Wheelbase:	282-284mm
Track:	F:220mm / R221mm
Gear Ratio:	S:81/21T
Weight:	1450g+/-10g (Race Condition)

WARRANTY

Your SWORKz S12-3C 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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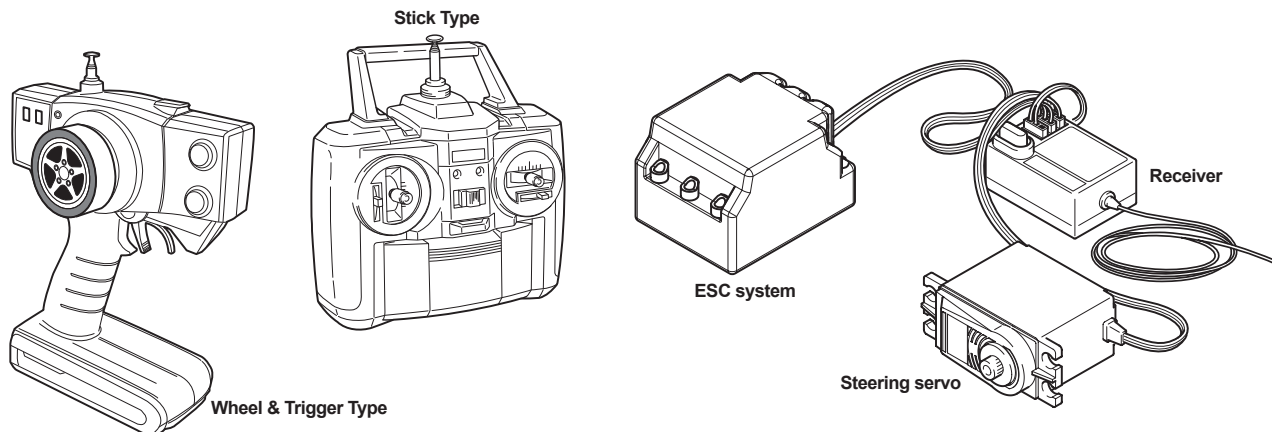


This radio controlled racing car is not a toy!

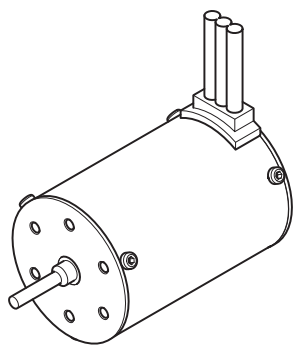
This high-performance R/C model is recommended for ages 14 and older.

Required Equipment for Operation

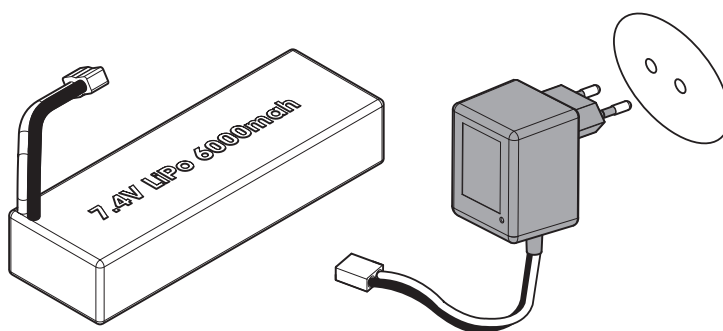
Radio Gear



Brushless Motor

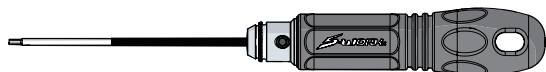


Charger and LiPo Battery

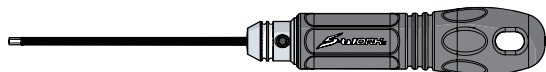


Tools Recommended

SST-PRO
SUPER STIFF TOOLS



SW-620020-15 SWORKz SST-Pro 1.5mm HEX Wrench



SW-620020-20 SWORKz SST-Pro 2.0mm HEX Wrench



SW-620020-25 SWORKz SST-Pro 2.5mm HEX Wrench

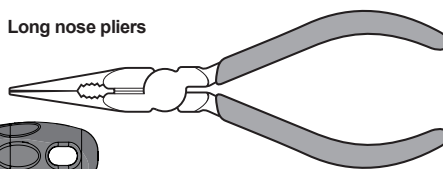


SW-620025 SWORKz SST-Pro Shorty 7.0mm Socket Driver

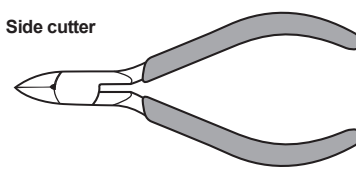


SW-620026 SWORKz SST-Pro Shorty 5.5mm Socket Driver

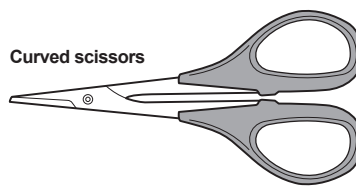
Long nose pliers



Side cutter



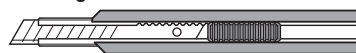
Curved scissors



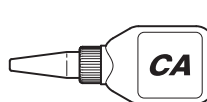
Paint



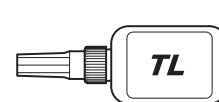
Modeling knife



Instant cement



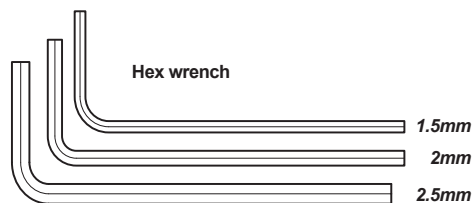
Thread lock



Double-sided tape



Included items



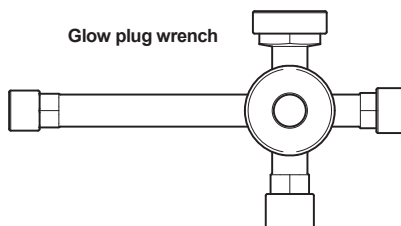
Hex wrench

1.5mm

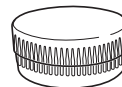
2mm

2.5mm

Glow plug wrench



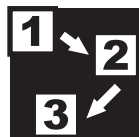
Grease



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



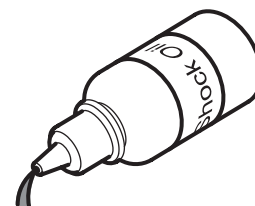
Thread Locking Compound



Grease



Ball Diff Paste



Pure Silicone Oil

Safety Precautions

The SWORKz S12-3C is a high performance radio control model which needs to be operated with caution and common sense.

The S12-3C 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.

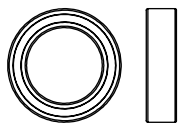
- The LiPO Battery can be dangerous if improperly handled.
- Always keep your LiPO Battery in a cool area and never use it near flames, sparks, or while smoking.
- Keep your LiPO Battery, and all other flammables, out of the reach of children.
- After running your car, all parts of the Motor and ESC 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 x2



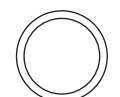
400002
O-ring S5 4.8x1.5 x2



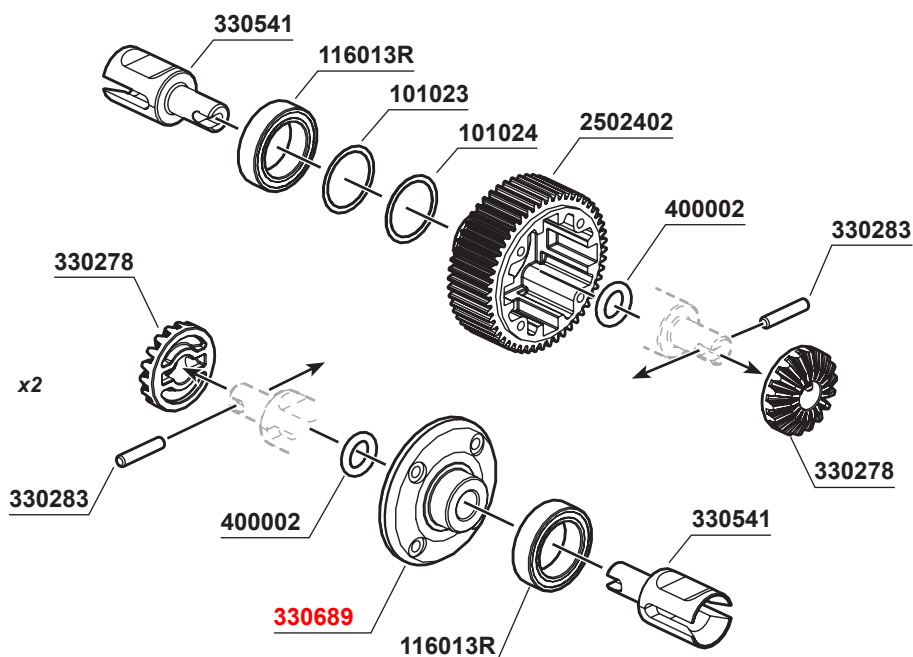
116013R
Ball Bearing 10x15x4mm (Red Rubber Case) x2



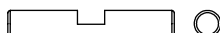
101024
10x12x0.2mm S104 Shim x1



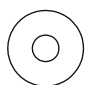
101023
10x12x0.1mm S104 Shim x1



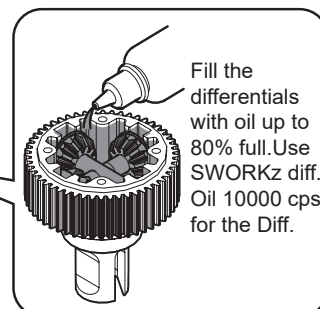
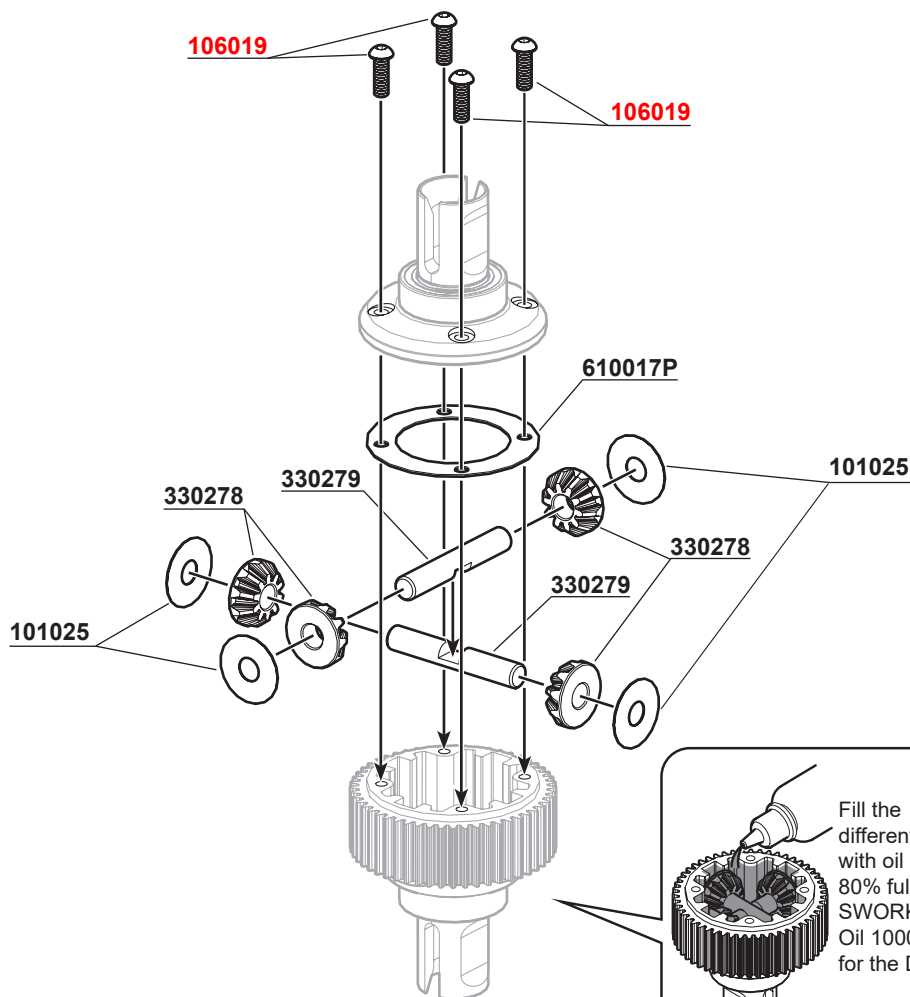
106019
M2x10mm Hex Socket OH/TP Screw x4



330279
Bevel Gear Shaft x2



101025
Shim 3.5x10x0.1mm x4

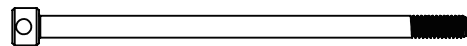




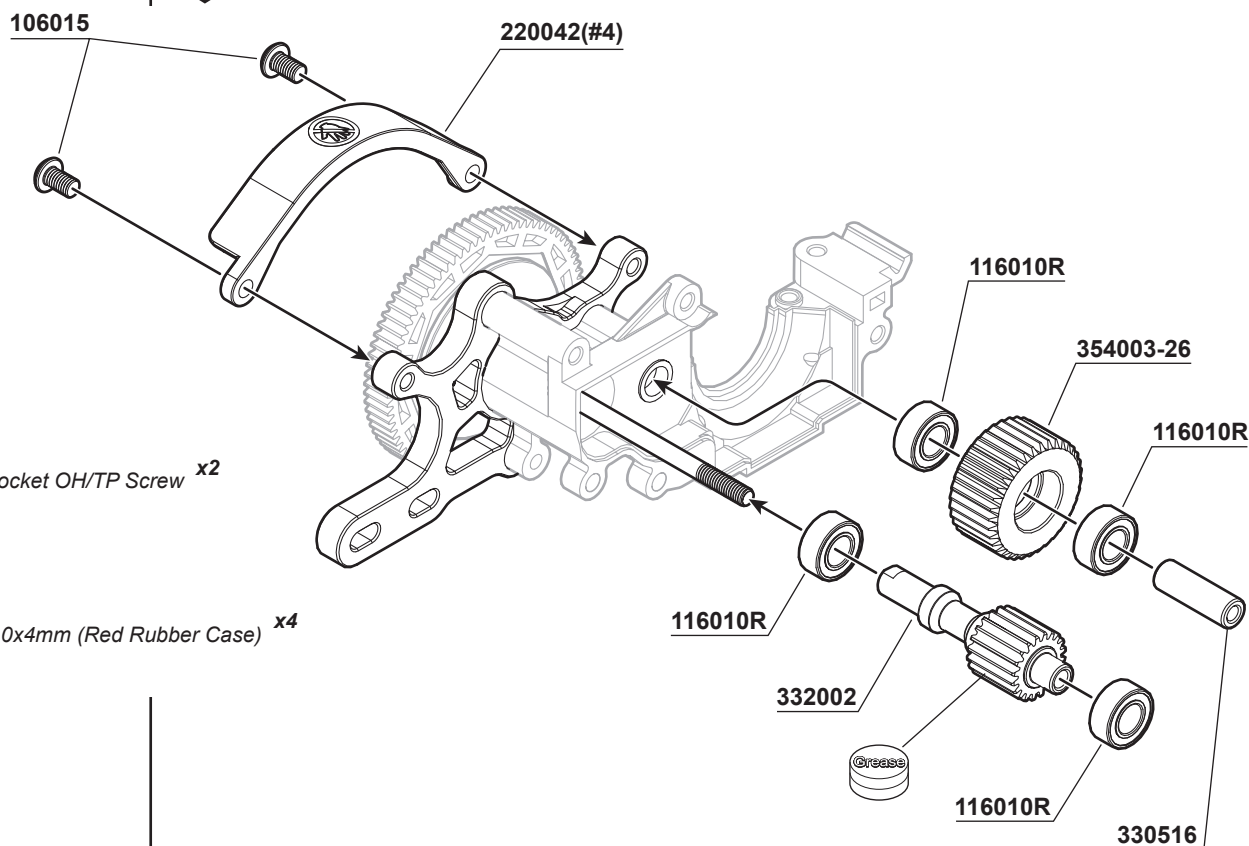
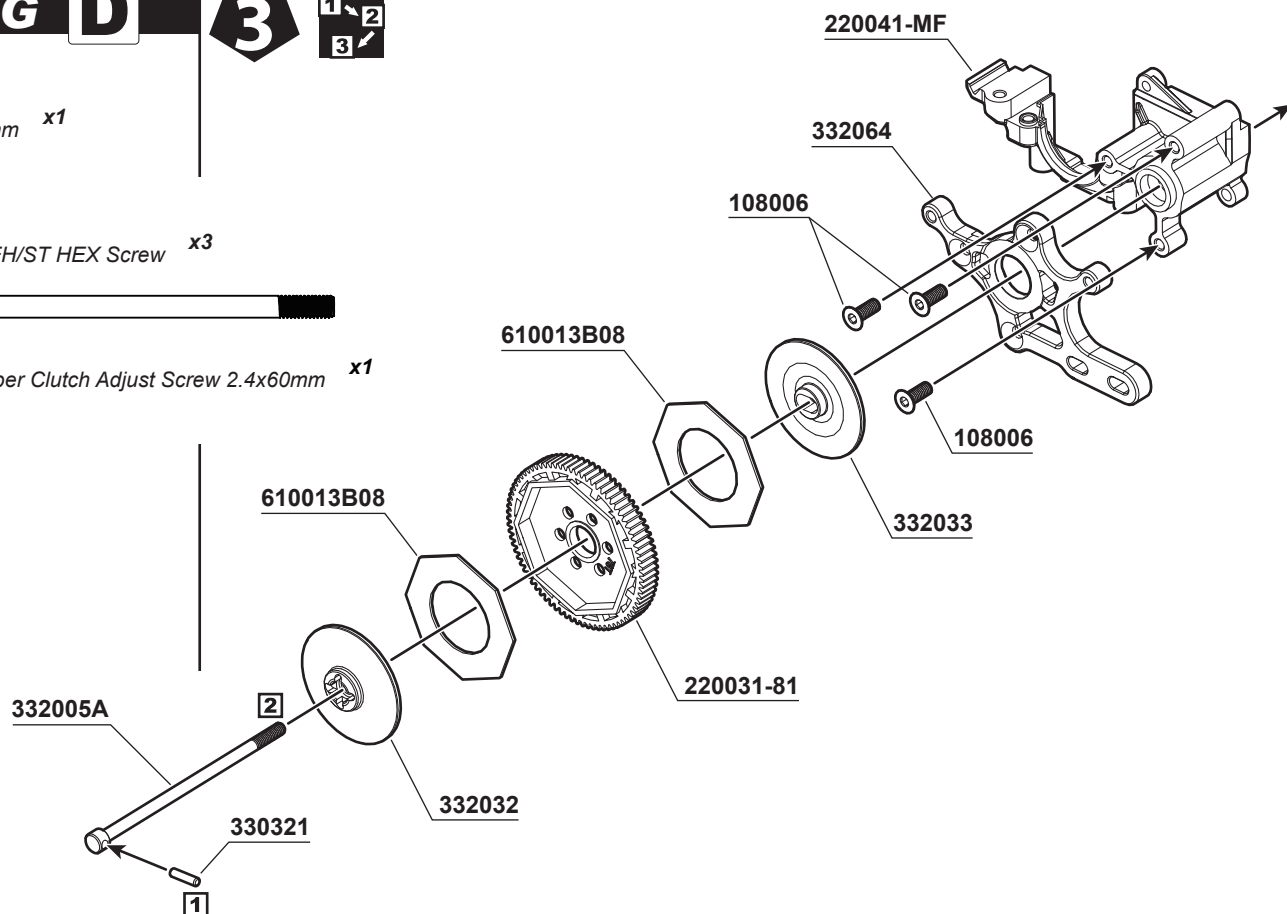
330321
Pin M2x8mm x1



108006
M3x8mm FH/ST HEX Screw x3



332005A
S12-2 Slipper Clutch Adjust Screw 2.4x60mm x1



106015
M3x5mm Hex Socket OH/TP Screw x2



116010R
Ball Bearing 5x10x4mm (Red Rubber Case) x4



- 115188 SWORKz 1/10 Slipper Clutch Spring (D1.4x12mm) x1
- 115189 SWORKz 1/10 Slipper Clutch Spring (D1.6x12mm) x1



- 332034 S12-2 Steel Slipper Clutch Spring Holder Washer x2



- 103001 M3 Nut Lock x1



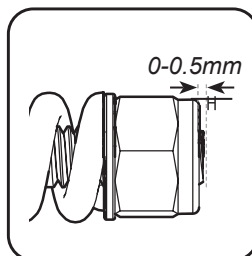
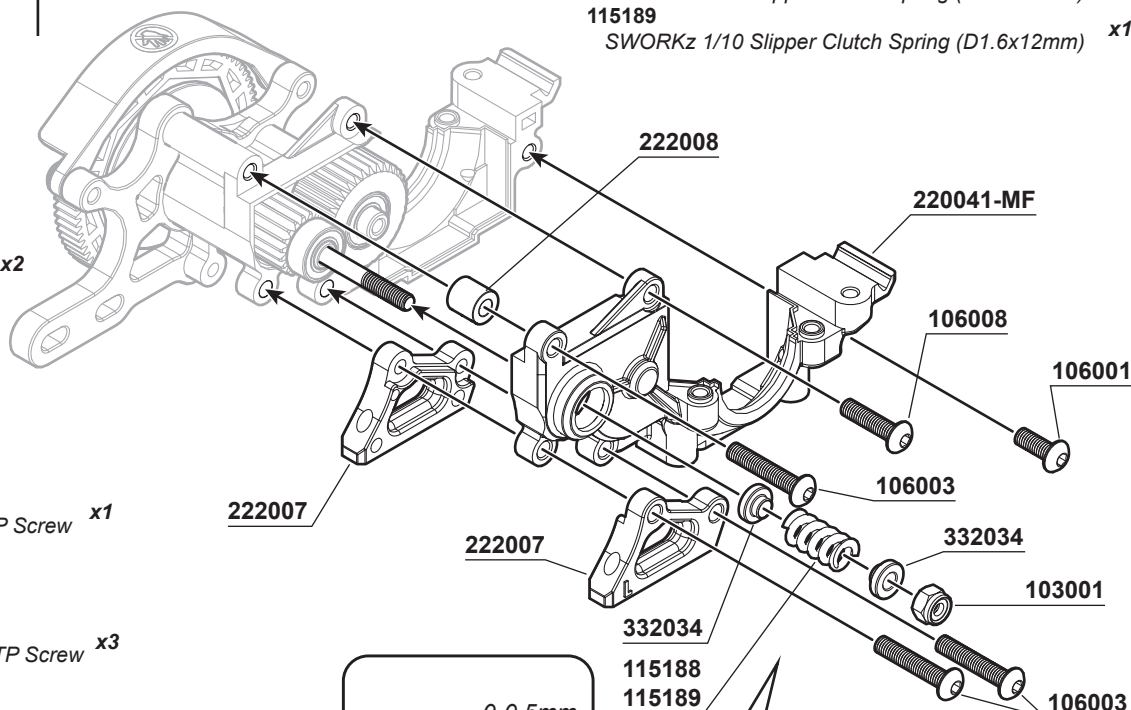
- 106001 M3x8mm Hex Socket OH/TP Screw x1



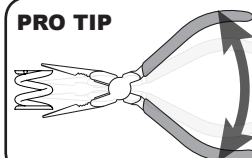
- 106003 M3x16mm Hex Socket OH/TP Screw x3



- 106008 M3x12mm Hex Socket OH/TP Screw x1



PRO TIP



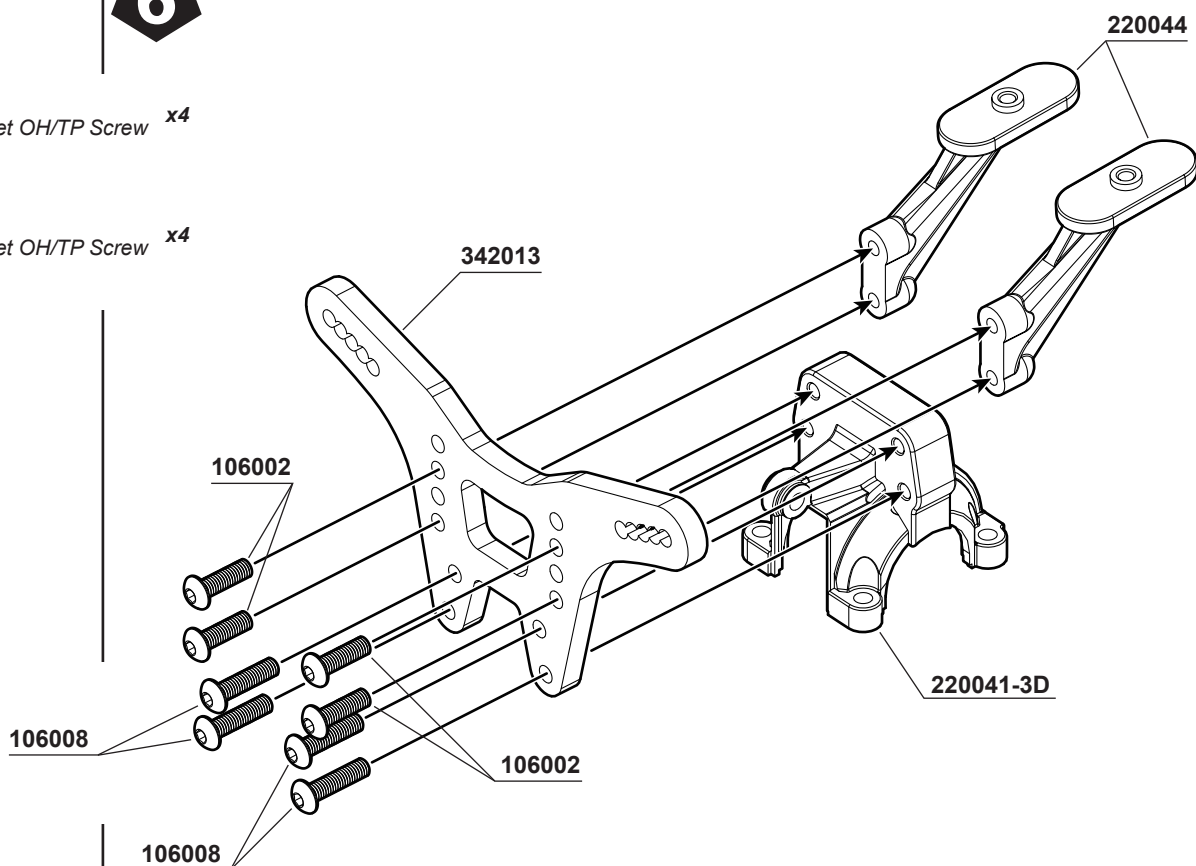
Use a clamp to tighten and turn the slipper clutch spring all the way down and then later open back 3 to 5 turns before assembling.



- 106002 M3x10mm Hex Socket OH/TP Screw x4



- 106008 M3x12mm Hex Socket OH/TP Screw x4

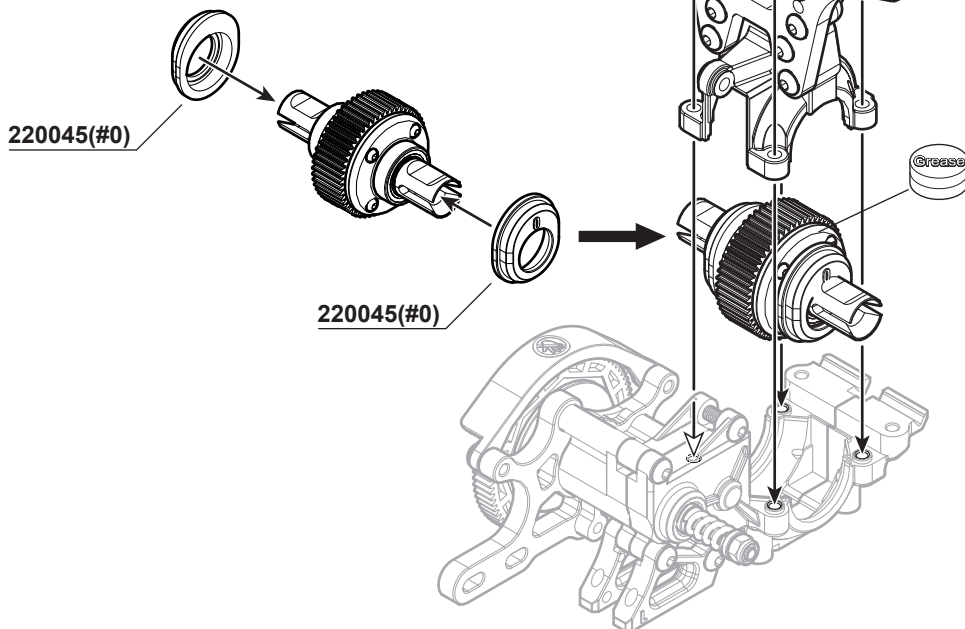
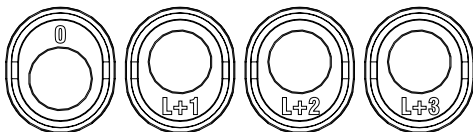




106002
M3x10mm Hex Socket OH/TP Screw **x4**

PRO TIP:

The part 220045 (S12-2 Gear Box Inserts) can be put in 4 different degrees. The basic position to start is zero degree which is the lowest position to the chassis. You can change to +1, +2 or +3 degree for lower grip conditions.



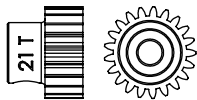
104004
M3x3mm Set Screw **x1**



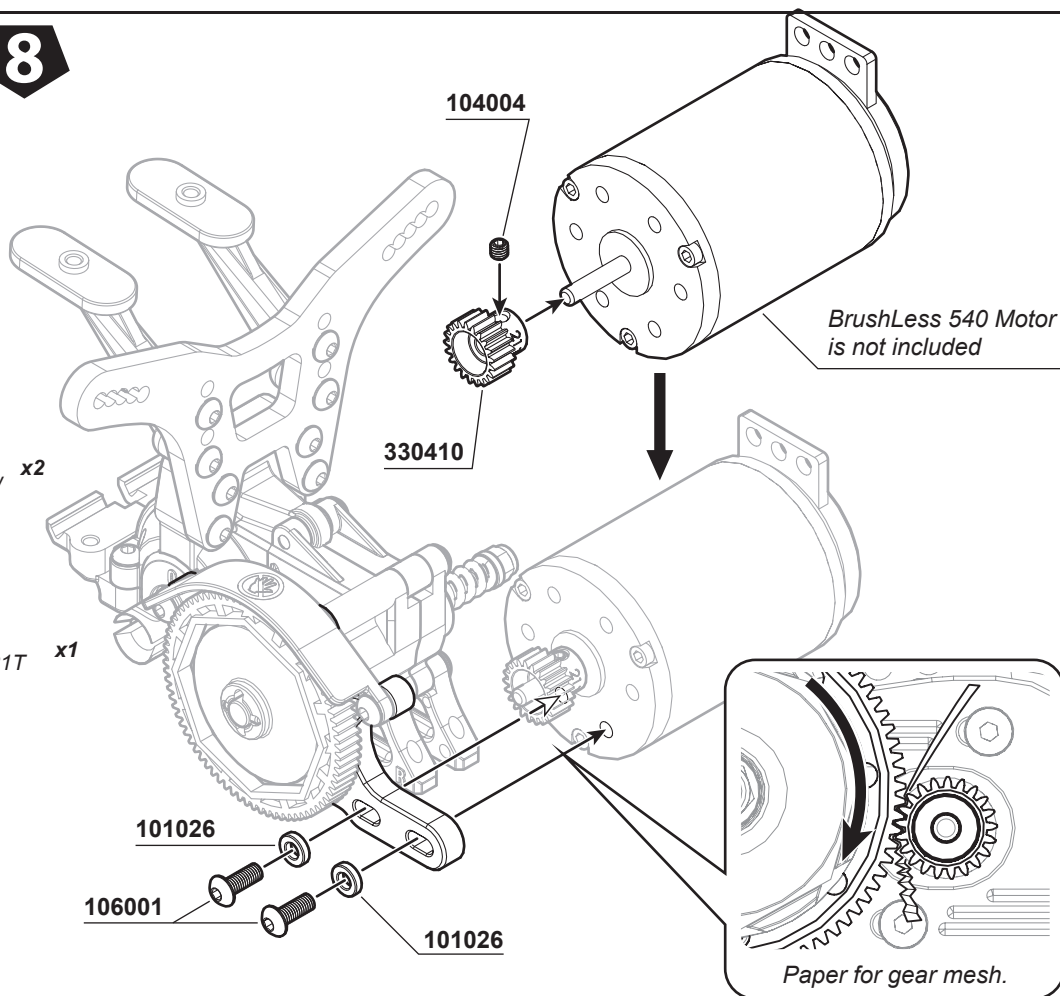
101026
Washer M3x6xT1.5mm **x2**



106001
M3x8mm Hex Socket OH/TP Screw **x2**

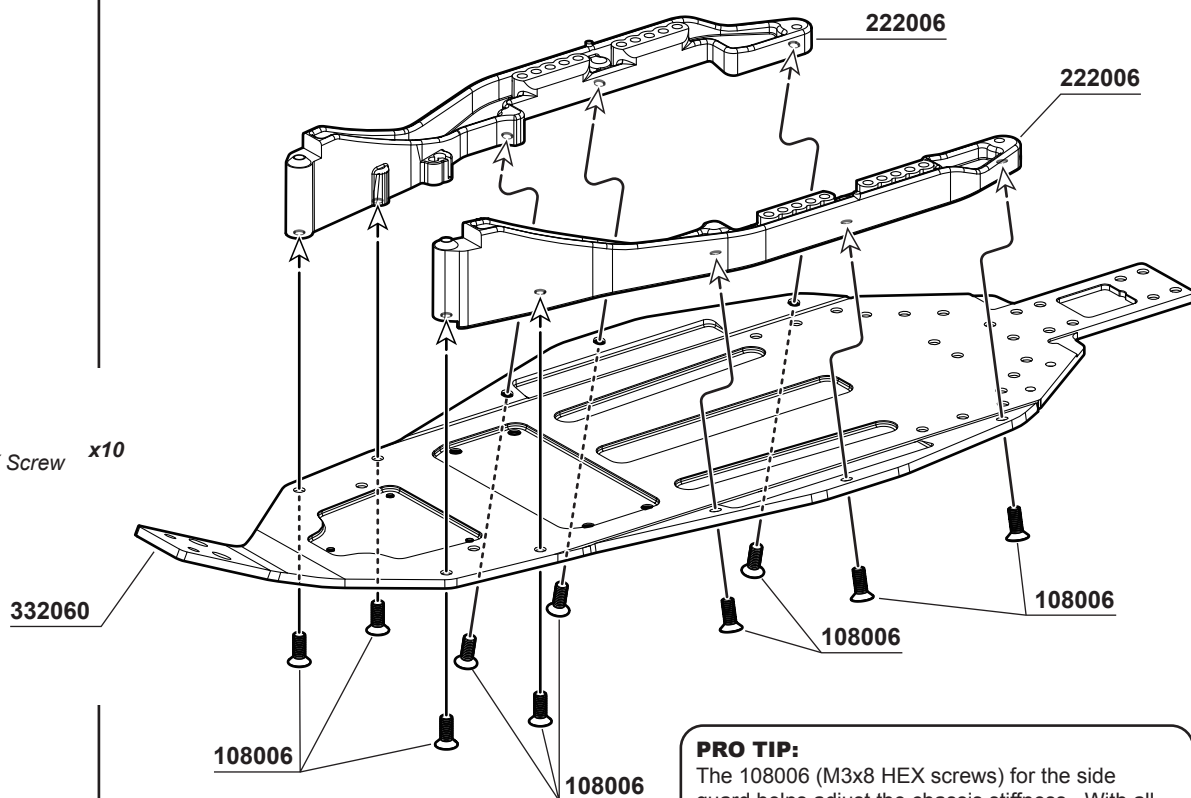


330410
SWORKz 1/10 Motor Pinion Gear 21T **x1**





108006
M3x8mm FH/ST HEX Screw x10

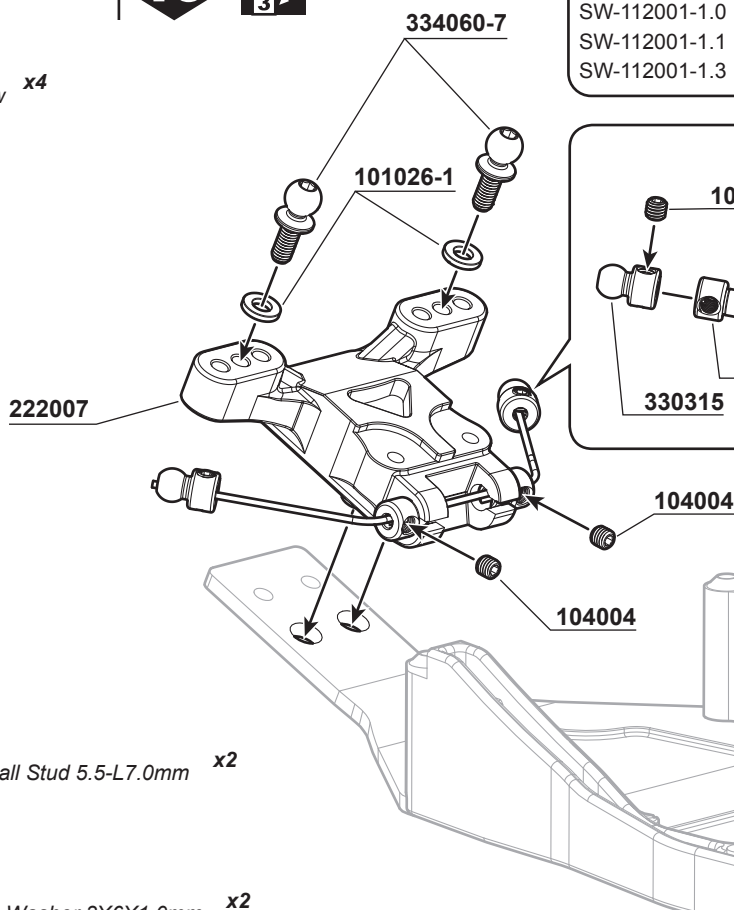


PRO TIP:

The 108006 (M3x8 HEX screws) for the side guard helps adjust the chassis stiffness. With all the screws (7pcs) on, this will be the most stiff set up for the chassis and will provide the least grip. Standard suggestion to start build is with 4 screws.



104004
M3x3mm Set Screw x4



OPTION:

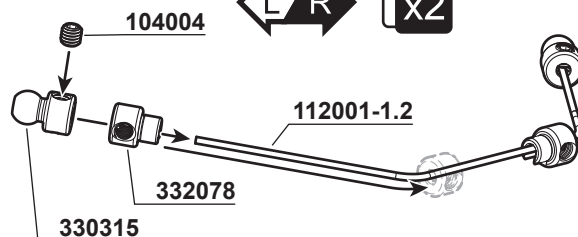
SW-112001-1.0 SWORKz S12-3 Series Front Sway Bar (1.0mm)
SW-112001-1.1 SWORKz S12-3 Series Front Sway Bar (1.1mm)
SW-112001-1.3 SWORKz S12-3 Series Front Sway Bar (1.3mm)



334060-7
Steering Linkage Ball Stud 5.5-L7.0mm x2



101026-1
SWORKz Aluminum Washer 3X6X1.0mm x2



11



106002
M3x10mm Hex Socket OH/TP Screw x2



330331
Steering Linkage Ball Stud 5mm x1



334060-7
SWORKz 1/10 Linkage Ball Stud D5.5mm x L7mm) x2



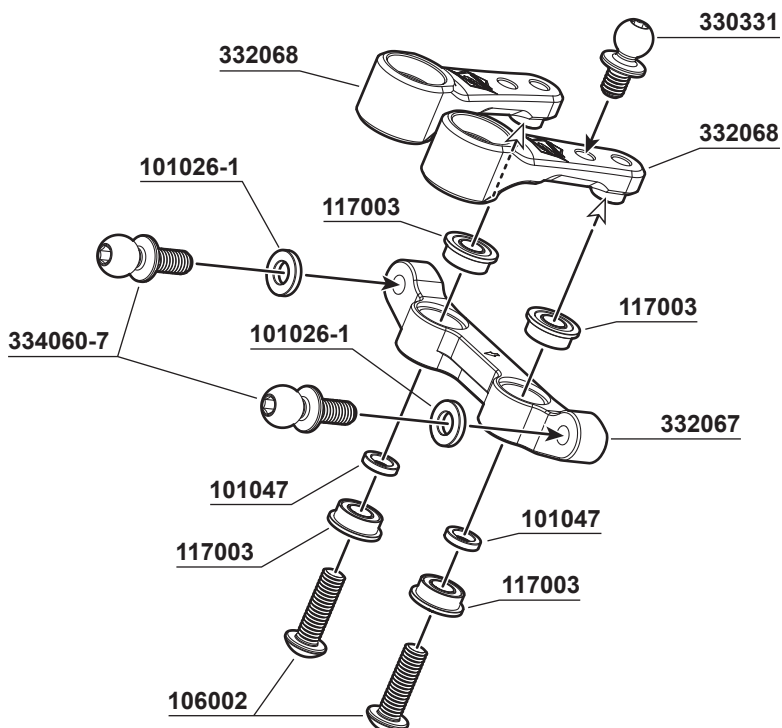
117003
Flange Ball Bearing 3x6x2.5mm x4



101026-1
SWORKz Aluminum Washer 3X6X1.0mm (GM) x2



101047
SWORKz Aluminum Washer 3X4.7X1.0mm (GM) x2



BAG E

12



108005
M3x14mm FH/ST HEX Screw x2



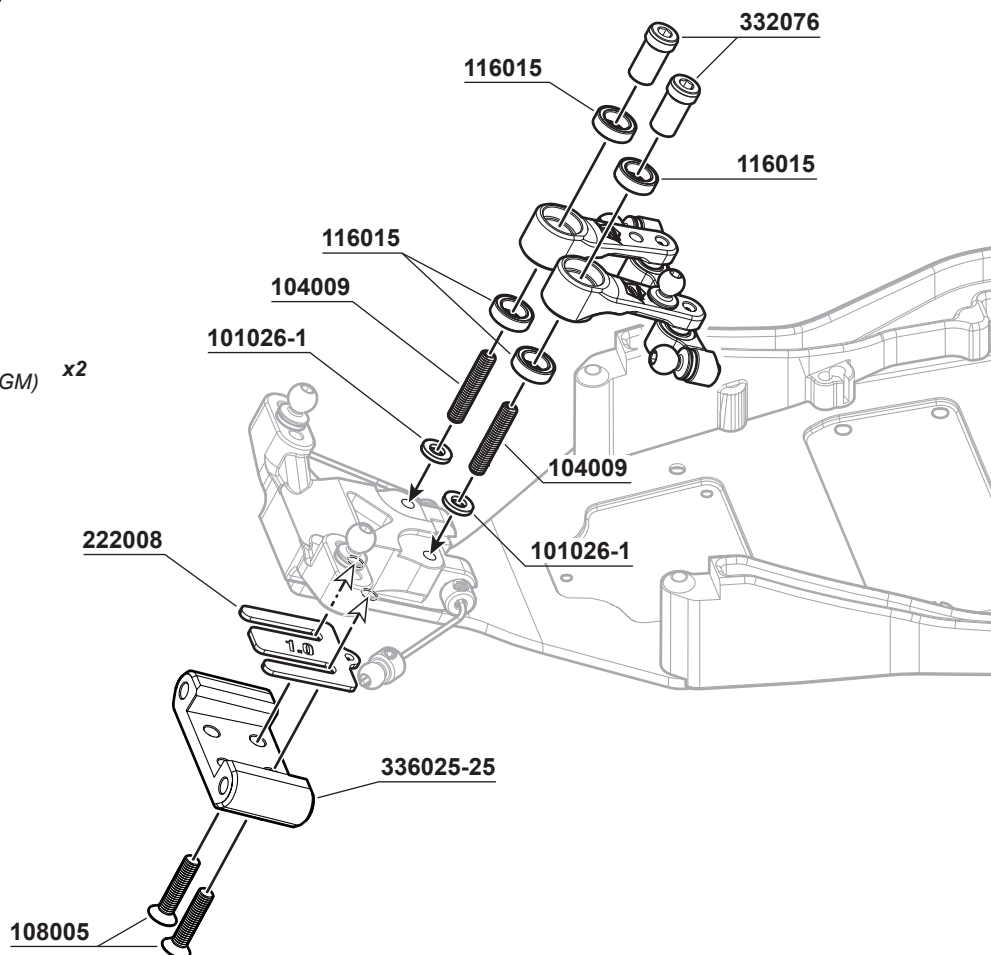
116015
Ball Bearing 5x8x2.5mm x4



101026-1
SWORKz Aluminum Washer 3X6X1.0mm (GM) x2



104009
M3x16mm Set Screw x2





105021
M3x6mm Taper head screw x4



108006
M3x8mm FH/ST HEX Screw x3



108007
M3x6mm FH/ST HEX Screw x2



104012
M3x12mm Set Screw x1



101026
SWORKz Aluminum Washer 3X6X1.5mm x1



330643
Steering Linkage Ball Stud 5mm x1

13

STEP 4.

Take out the aluminum washers (SW-101026) when using a non-regular servo size.

Steering servo
Not included

222008

105021

101026

330643

224007L3.5

104012

108006

224007S

224007L3.5

STEP 3.

Take out your servo rubbers(grommets) and make the steering linkage gap to 1mm.

STEP 5.

Install your servo on the servo holder and adjust your servo saver horn to travel left /right equally.

108007

342014

S/K

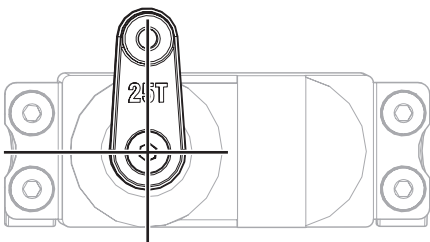
F



224007S-23 **224007S-25**

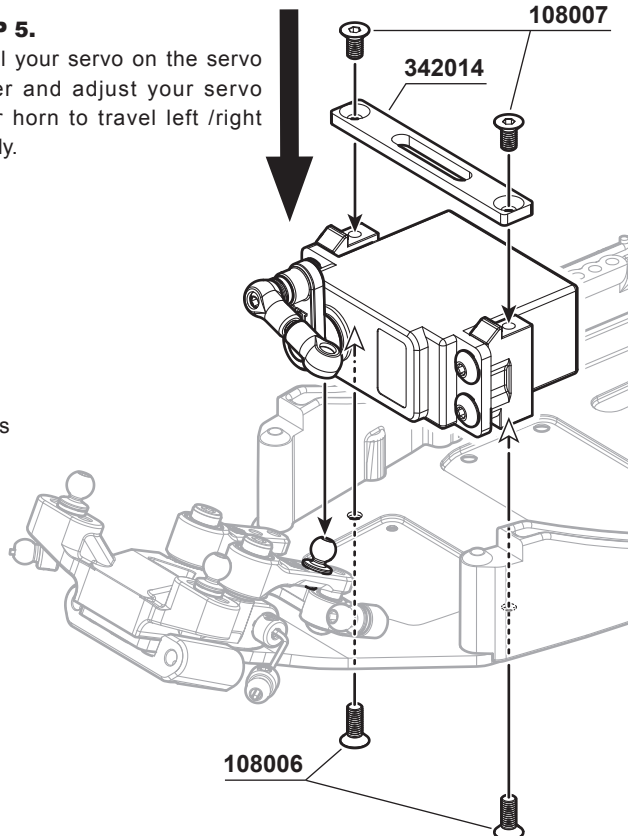
STEP 1.

Please make sure that your steering servo is centered before mounting the servo saver horn.



STEP 2.

Mount the servo saver horn in a 90 degree position onto the servo.



14



108003
M3x10mm FH/ST HEX Screw x4



106003
M3x16mm Hex Socket OH/TP Screw x3

222007

108003

222007

106003

106003

108003



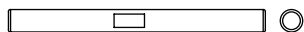
108015
M3x16mm FH/ST HEX Screw x2



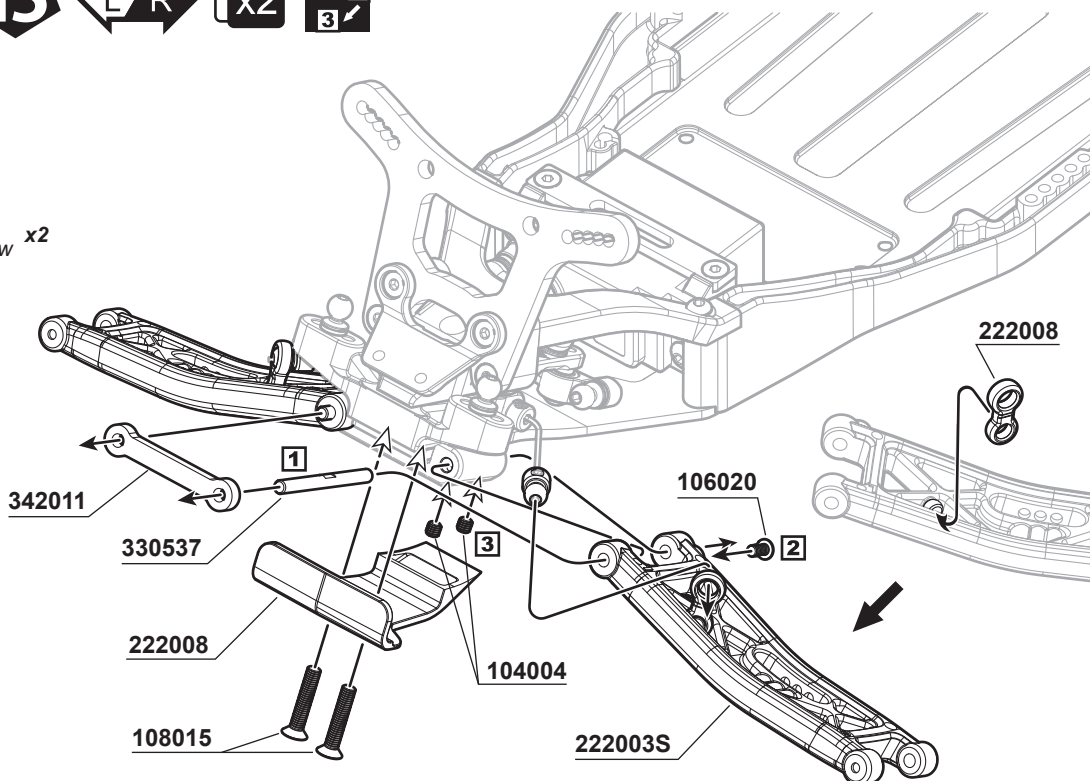
106020
M2.5x5mm Hex Socket OH/TP Screw x2



104004
M3x3mm Set Screw x4



330537
Rear Hub Carriers Hinge Pin x2



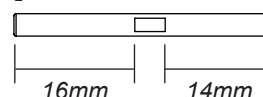
OPTION:

SW-222003H

SWORKz S12-3 Front Lower Arm Set in Carbon-composite Material (Hard)

1:1

F ←



106014
M2x6mm Hex Scket OH/TP Screw x2



106001
M3x8mm Hex Socket OH/TP Screw x4



106008
M3x12mm Hex Socket OH/TP Screw x2



106017
M3x14mm Hex Scket OH/TP Screw x2



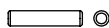
103001
M3 Nut Lock x2



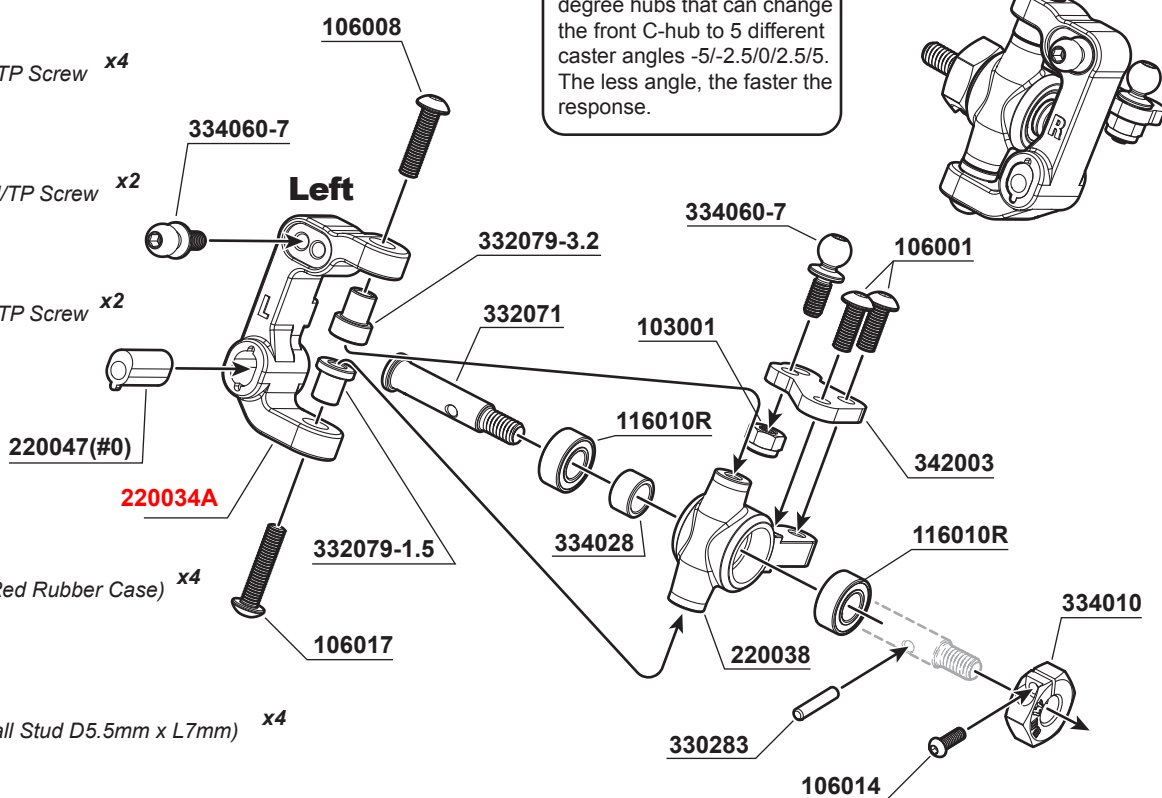
116010R
Ball Bearing 5x10x4mm (Red Rubber Case) x4



334060-7
SWORKz 1/10 Linkage Ball Stud D5.5mm x L7mm) x4



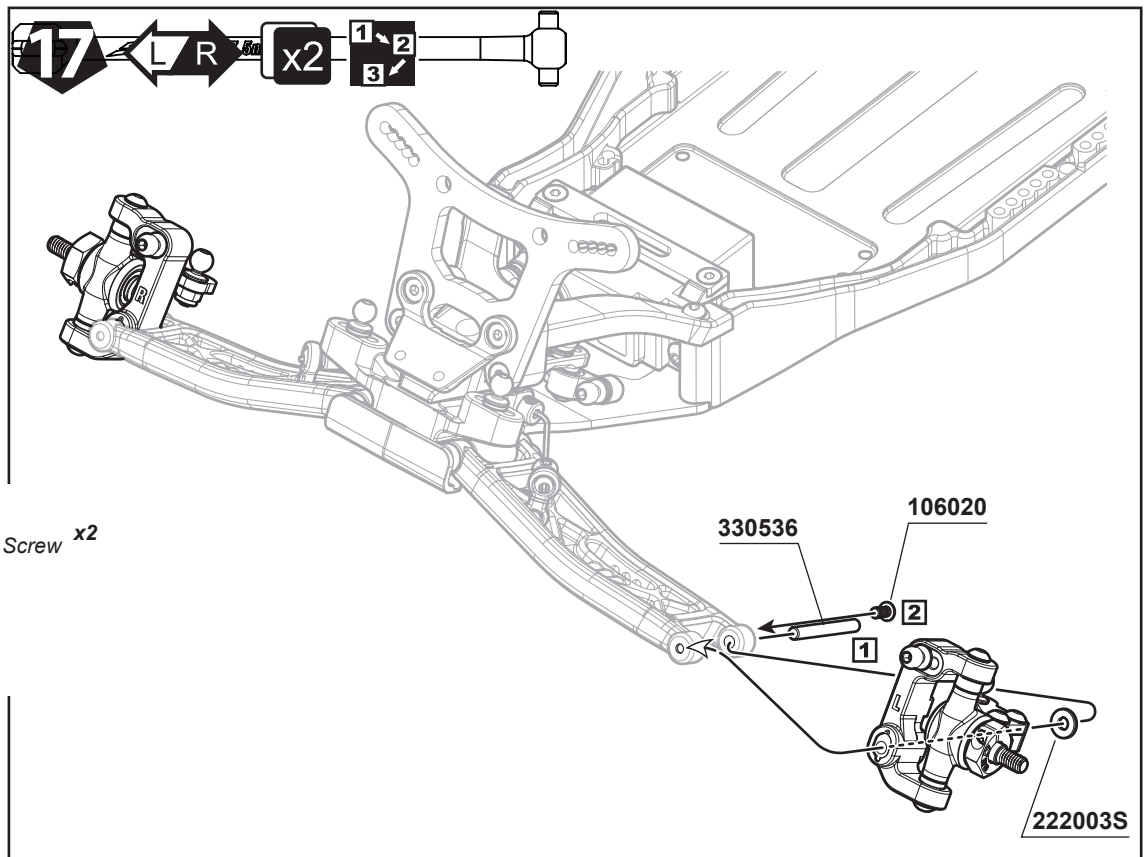
330283
Pin M2x10mm x2



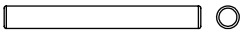
PRO TIP:

The part 220047 Front C-Hub Insert has 3 different sizes. There are 0/2.5/5 degree hubs that can change the front C-hub to 5 different caster angles -5/-2.5/0/2.5/5. The less angle, the faster the response.

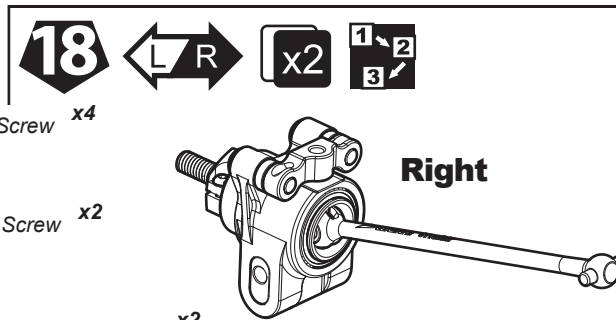
Right



106020
M2.5x5mm Hex Socket OH/TP Screw **x2**



330536
Rear Hub Carriers Hing Pin **x2**



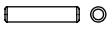
106008
M3x12mm Hex Socket OH/TP Screw **x4**



106014
M2.0x6mm Hex Socket OH/TP Screw **x2**



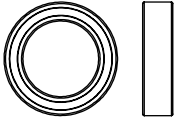
102026-2
SWORKz Aluminum Washer 3X6X2.0mm (GM) **x2**



330283
Pin M2x10mm **x2**

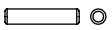


116020
Ball Bearing 5x12x4mm **x2**

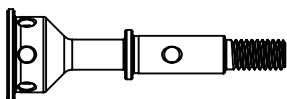


116013R
Ball Bearing 10x15x4mm (Red Rubber Case) **x2**

Spare Parts of CVD



330283
Pin M2x10mm **x2**



332072
SWORKz S12-3 Rear CVA Axil **x2**



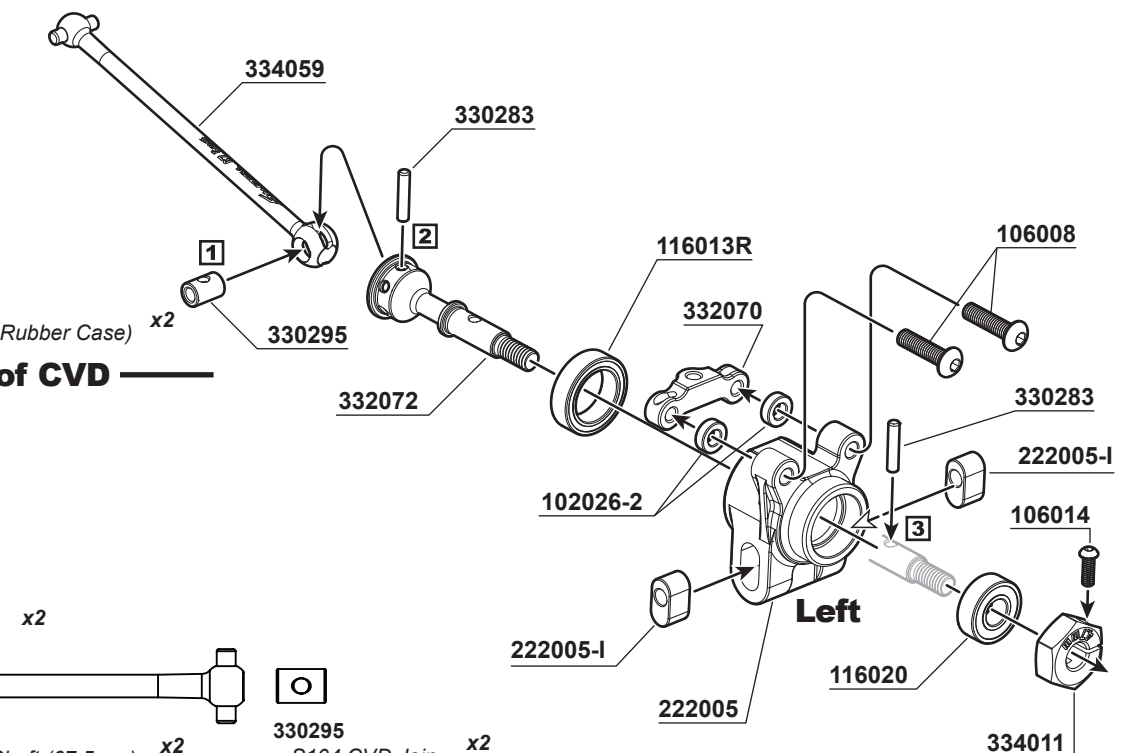
334059
S14-4 Series Rear CVA Drive Shaft (67.5mm) **x2**



330295
S104 CVD Join **x2**

PRO TIP:

The part 222005-I has 3 Rear Hub Inserts that come in different types which offers several different rear hub positions. Please take note when you are using different insert hub positions, the rear drive axle also change in distance.



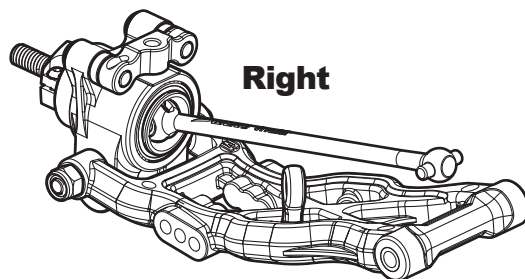


103001
M3 Nut Lock x2

19



x2



Right

222008



Left

222004S

103001

332074

222004S

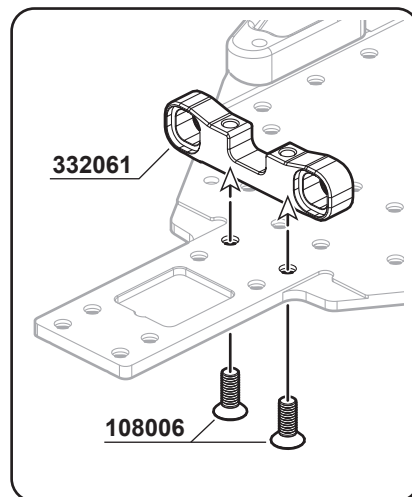


108006
M3x8mm FH/ST HEX Screw x4

20

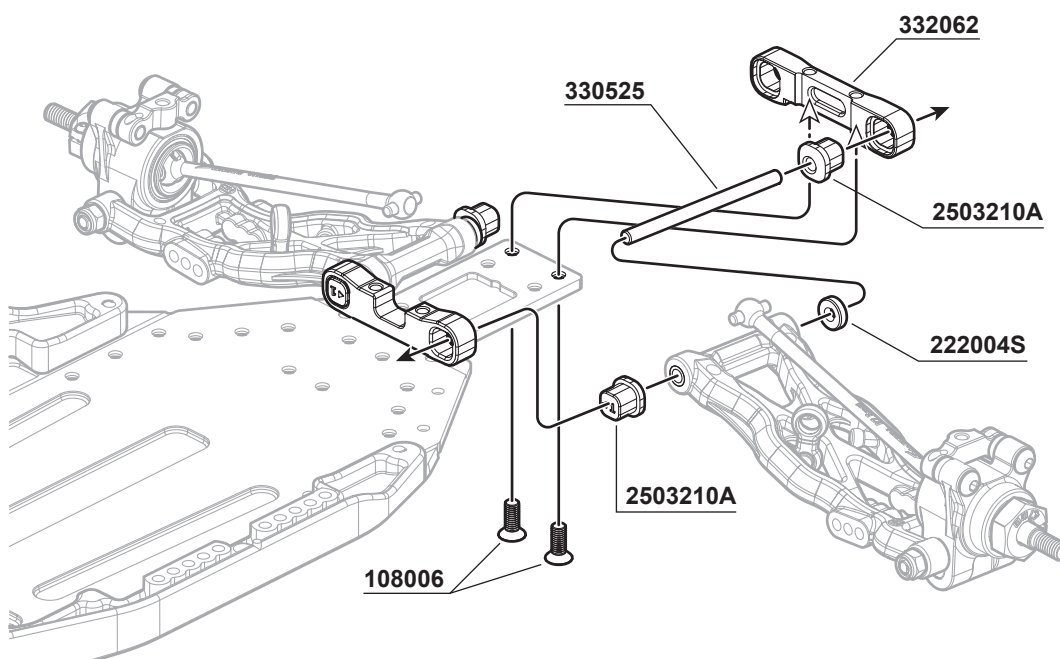


x2



332061

108006



332062

330525

2503210A

222004S

2503210A

108006



104004
M3x3mm Set Screw x3



104005
M3x4mm Set Screw x2



106001
M3x8mm Hex Socket OH/TP Screw x2



106002
M3x10mm Hex Socket OH/TP Screw x2

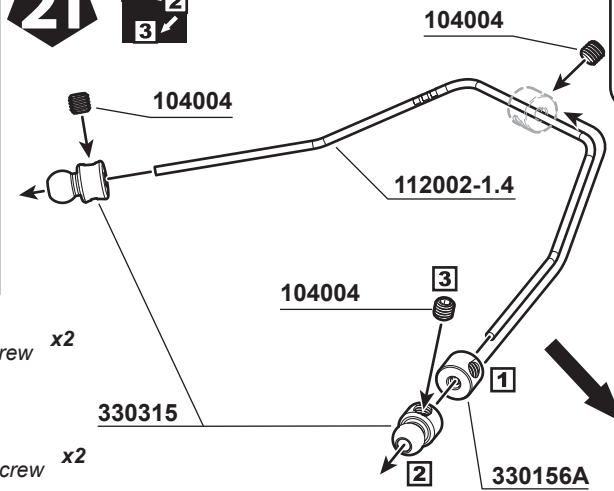


102026-2
SWORKz Aluminum Washer 3X6X2.0mm (GM) x2



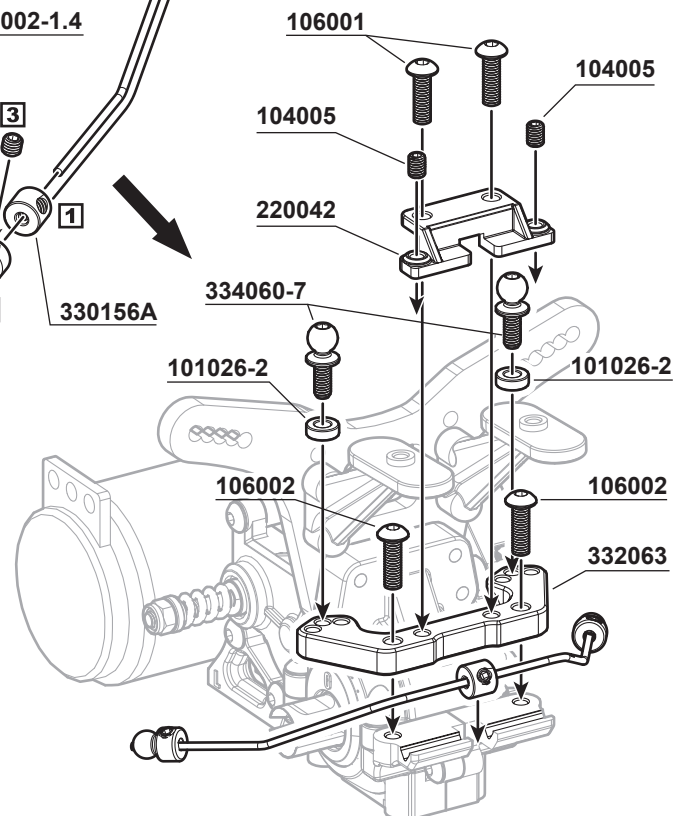
334060-7
SWORKz 1/10 Linkage Ball Stud D5.5mm x L7mm) x2

21



OPTION:

112002-1.2 SWORKz S12-3 Series Rear Sway Bar (1.2mm)
112002-1.3 SWORKz S12-3 Series Rear Sway Bar (1.3mm)
112002-1.5 SWORKz S12-3 Series Rear Sway Bar (1.5mm)
112002-1.6 SWORKz S12-3 Series Rear Sway Bar (1.6mm)



22



106005
M3x15mm Hex Socket OH/TP Screw x2



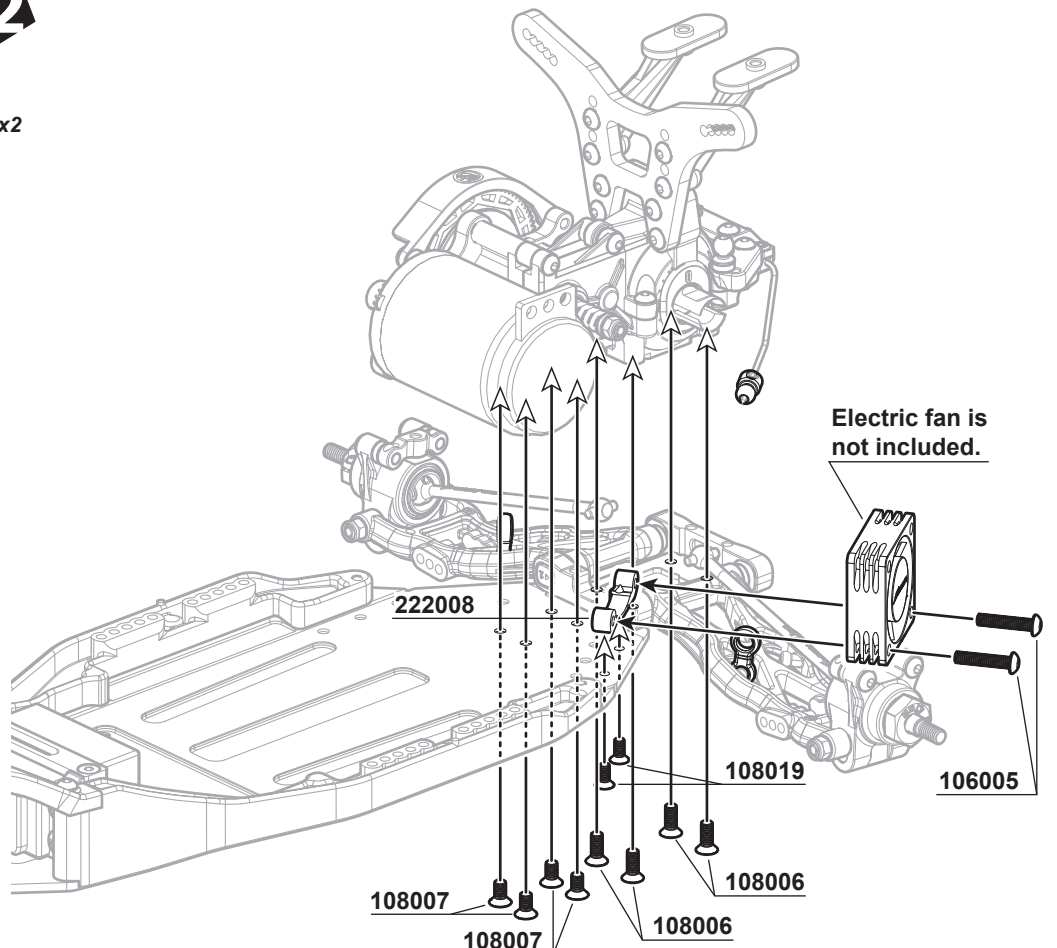
108006
M3x8mm FH/ST HEX Screw x4



108007
M3x6mm FH/ST HEX Screw x4

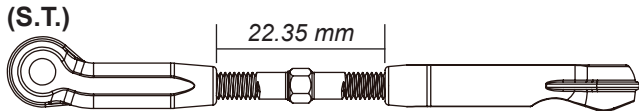
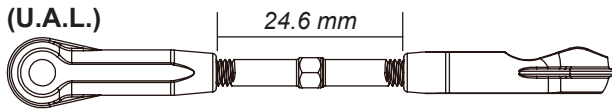


108019
M2.6x6mm FH/ST HEX Screw x2



23  **x2**

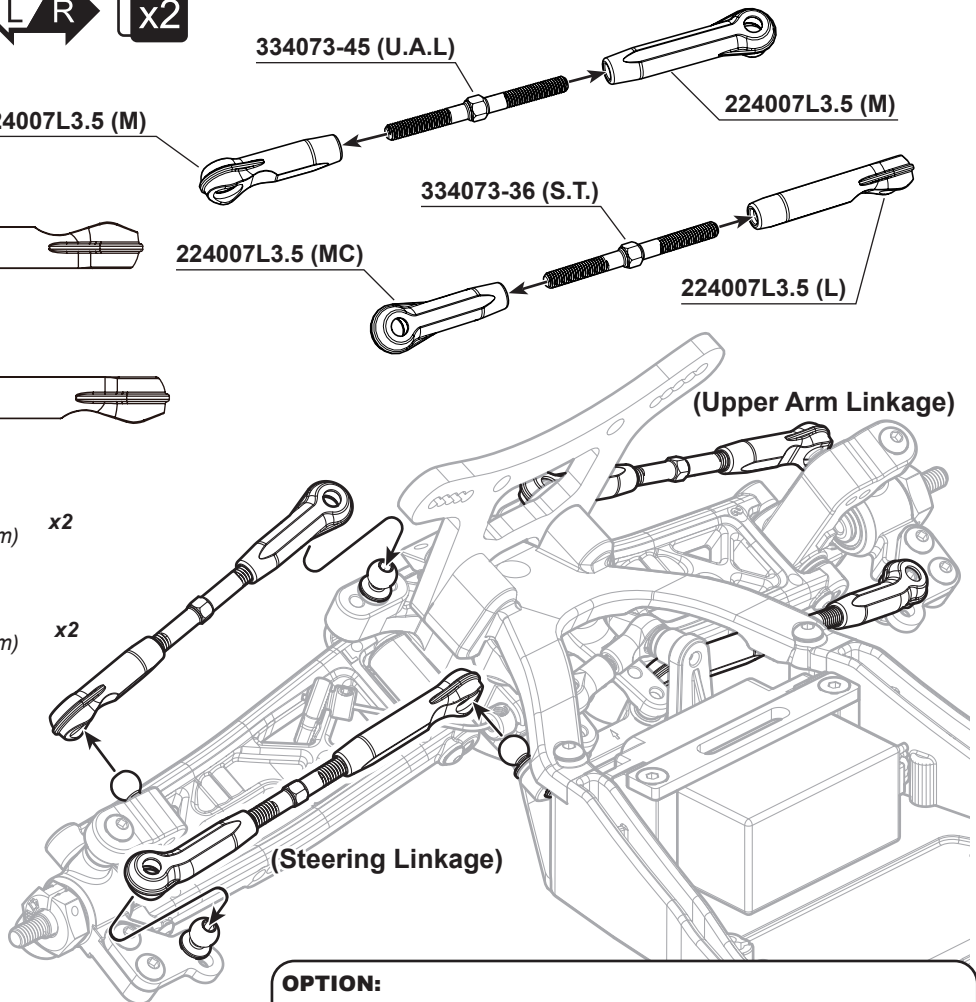
1:1



334073-45
SWORKz 3.5mm Steel Turnbuckle (M3.5x45mm) **x2**



334073-36
SWORKz 3.5mm Steel Turnbuckle (M3.5x36mm) **x2**



OPTION:

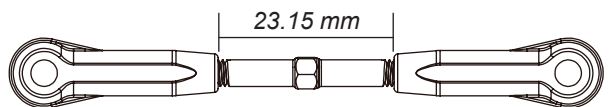
SWC-332049

SWORKz 1/10 Series Pro Titanium Linkage Turnbuckle M3X36mm(2PC)

24  **x2**

1:1

224007L3.5 (M)



224007L3.5 (M)

334073-45



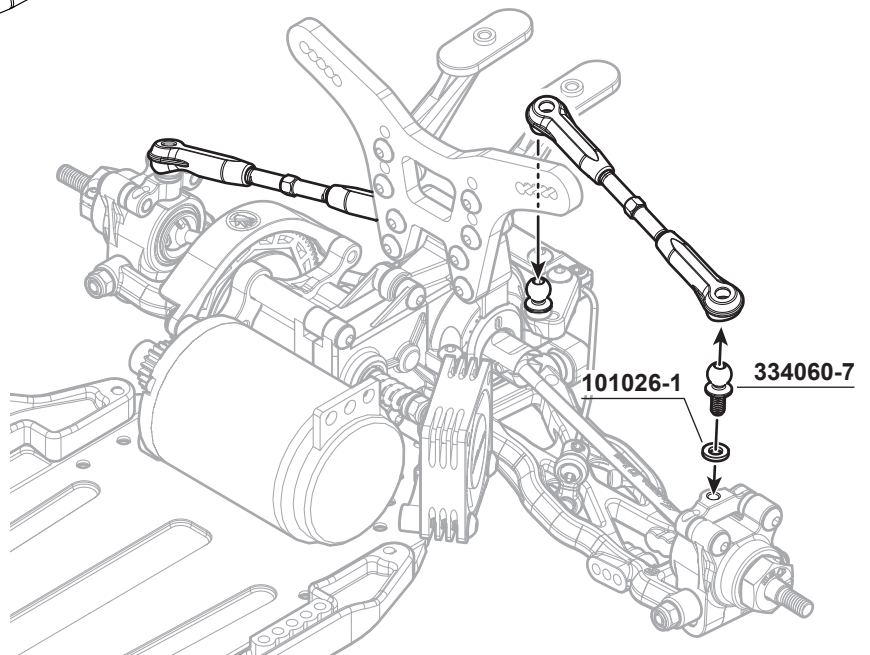
101026-1
SWORKz Aluminum Washer 3X6X1.0mm (GM) **x2**

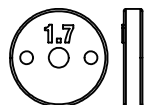


334060-7
SWORKz 1/10 Linkage Ball Stud D5.5mm x L7mm **x2**



334073-45
SWORKz 3.5mm Steel Turnbuckle (M3.5x45mm) **x2**



BAG**K****25****F**
R**x2****For Front****x2****For Rear****106014**M2x6mm Hex Scket OH/TP Screw **x4****222012-Seal**SWORKz 1/10 BBS Precision
Plastic Shock Seal Part 3.0X6.3X0.9 **x8****222012-Seal**SWORKz 1/10 BBS Precision
Plastic Shock Seal Part 3.0X6.3X0.9 **x4****101011**Shock Washer 2.6x6x0.5mm **x4****410049**Shock Seal Cap O-ring 8x10x1mm **x4****400037**SWORKz 1/10 Series X Shock System Seal O-ring **x8****222012-1.8X2**SWORKz 1/10 BBS Precision Plastic
Shock Piston Falt Type (1.8X2Holes)(13mm) **x2****222012-1.7X2**SWORKz 1/10 Precision Plastic
Shock Piston Falt Type (1.7X2Holes)(13mm) **x2**Front 222012-1.7X2
Rear 222012-1.8X2**106014****101011**Front 332091
Rear 332092Front 332090
Rear 332089**410049****222012-Seal****222012-Seal****400037****222012-Seal****222013****332091**SWORKz 1/10 BBS Teflon Coated Shock Shaft (S) **x2****332092**SWORKz 1/10 BBS Teflon Coated Shock Shaft (L) **x2****OPTION:**SW-330544 SWORKz S12 Aluminum Shock
Seal Cover (GM)(2PC)**332077**SWORKz S12-3 Shock Shaft Ball End Stud **x4****26****F**
R**x2****For Front****x2****For Rear****Front****Rear****332077**

22 mm

332077

28 mm

Front 222009(M)

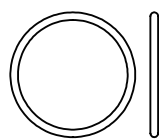
Rear 222009(H)

S12-3C**SWORKz**



108029

M2.0x4.6mm FH/ST HEX Screw (1.5mm HexHead) x4



400036

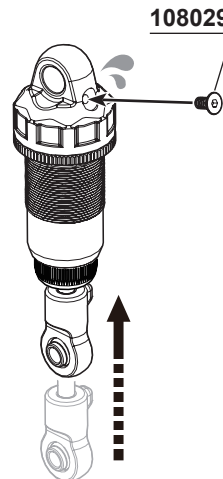
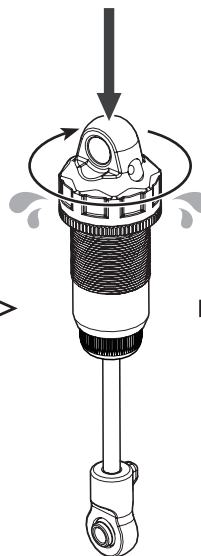
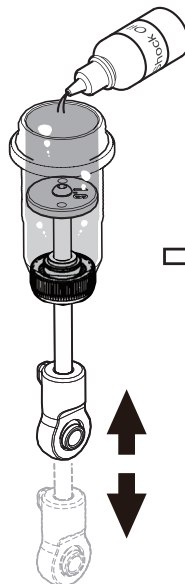
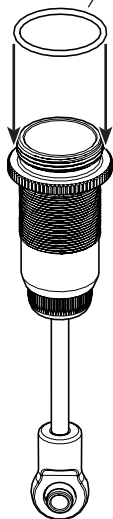
SWORKz 1/10 BBS Big Bore Shock Spring Adjust Nut O-Ring

x4

222013



400036



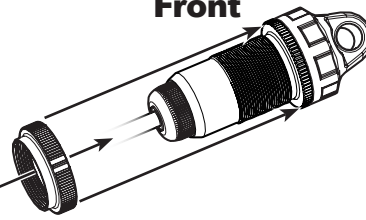
108029

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

222010(S)

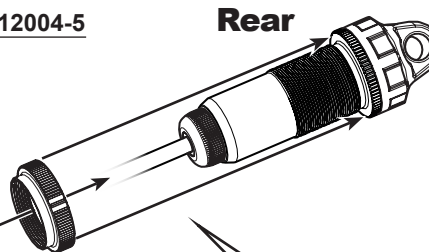


Front



112004-5

Rear

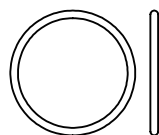


222010(M)



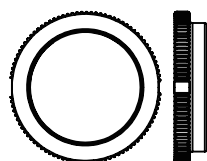
x4

112005-4



400036

SWORKz 1/10 BBS Big Bore Shock Spring Adjust Nut O-Ring

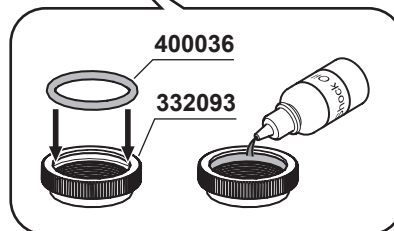


332093

SWORKz 1/10 BBS Shock Spring Adjust Nut (BK/13mm) x4

OPTION:

SW-112004-3 SWORKz 1/10 BBS Big Bore Shock Spring-AS3(44X1.2X6.25)
SW-112005-2 SWORKz 1/10 BBS Big Bore Shock Spring-AL2(61X1.2X11.0)



400036

332093



105021
M3x6mm Taper head screw x2



106016
M3x18mm Hex Scket OH/TP Screw x2



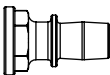
106020
M2.5x5mm Hex Socket OH/TP Screw x2



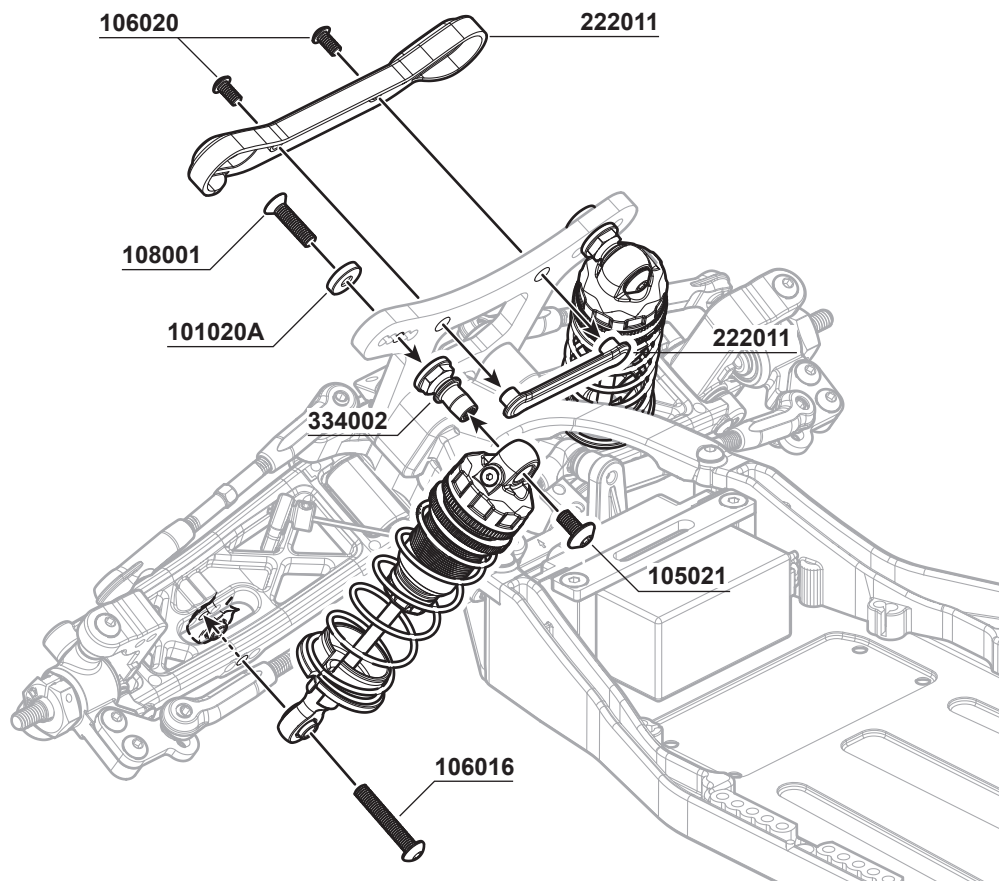
108001
M3x12mm FH/ST HEX Screw x2



101020A
3mm Countersunk Washers (GM) x2



334002
Aluminum Shock Cap Stud x2



101020A
3mm Countersunk Washers (GM) x2



103001
M3 Nut Lock x2



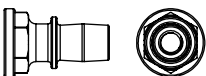
104009
M3x16mm Set Screw x2



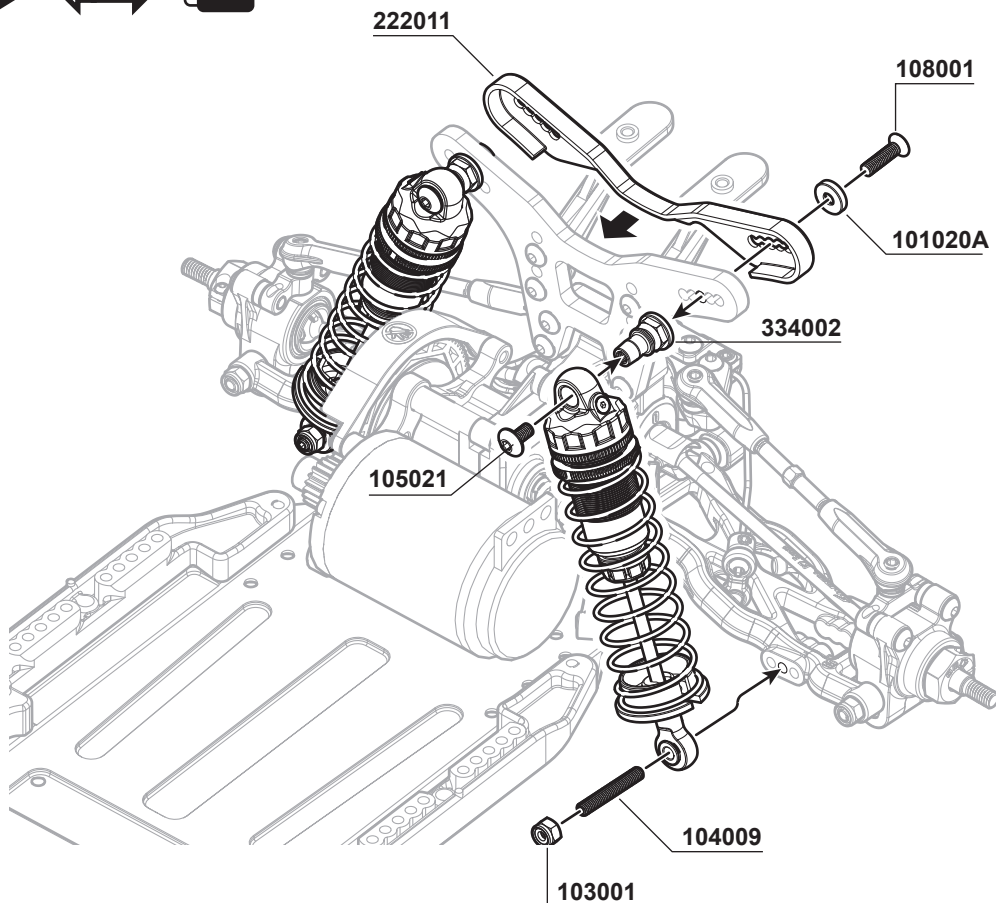
105021
M3x6mm Taper head screw x2



108001
M3x12mm FH/ST HEX Screw x2



334002
Aluminum Shock Cap Stud x2

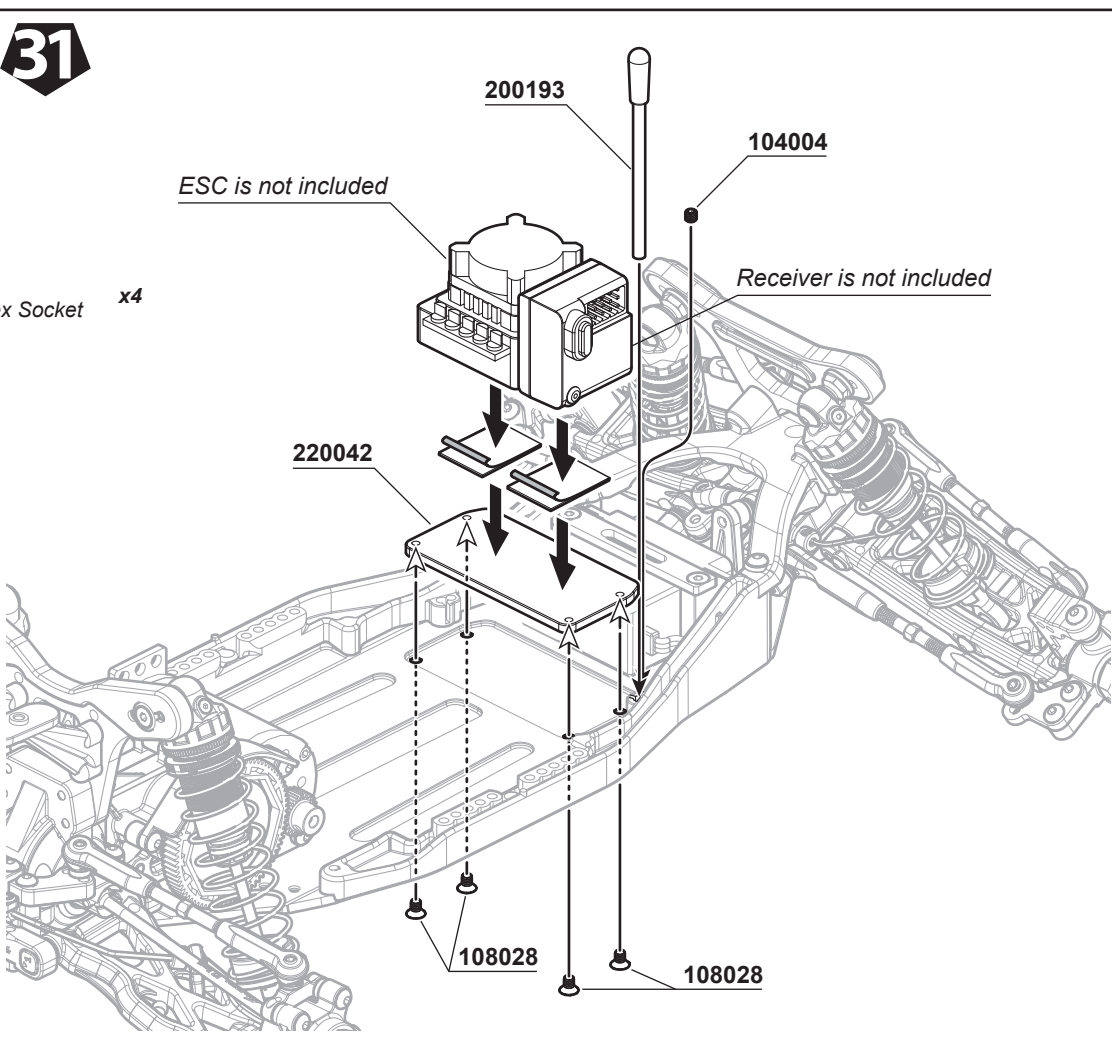




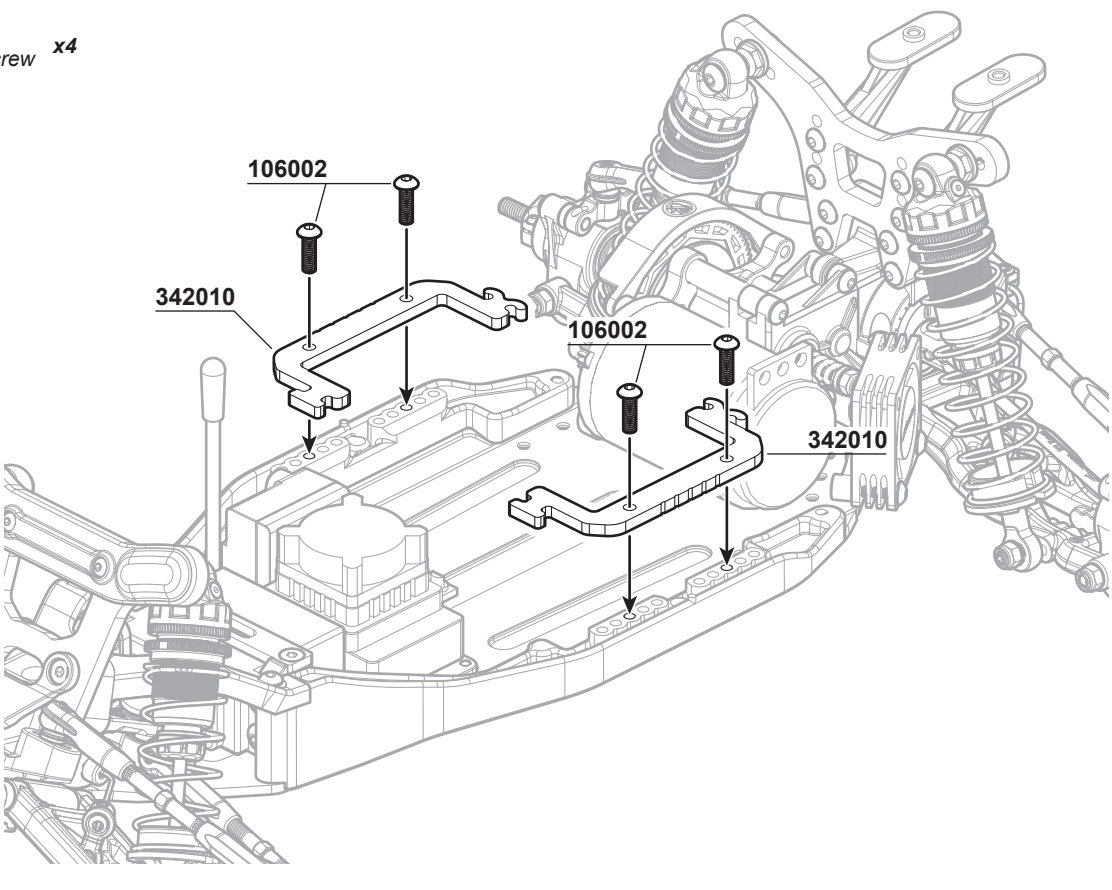
104004 *M3x3mm Set Screw* **x1**



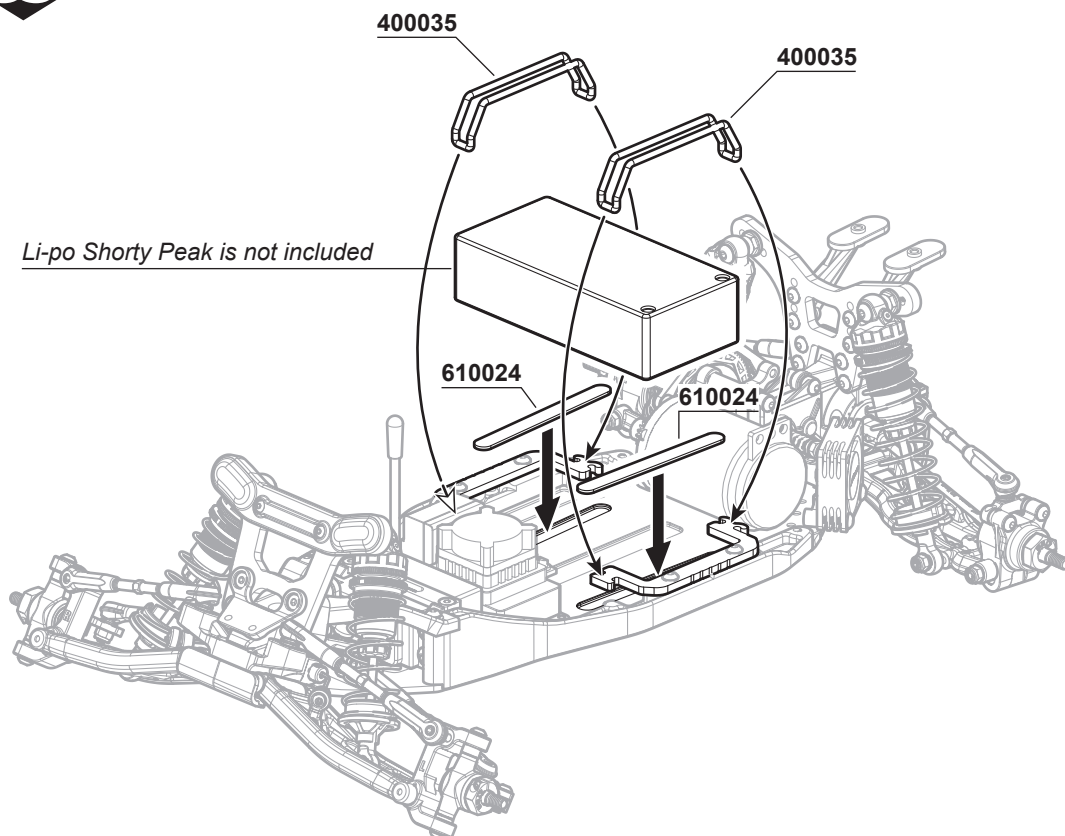
108028 *M2.6x4mm Flat Head Screw - Hex Socket* **x4**



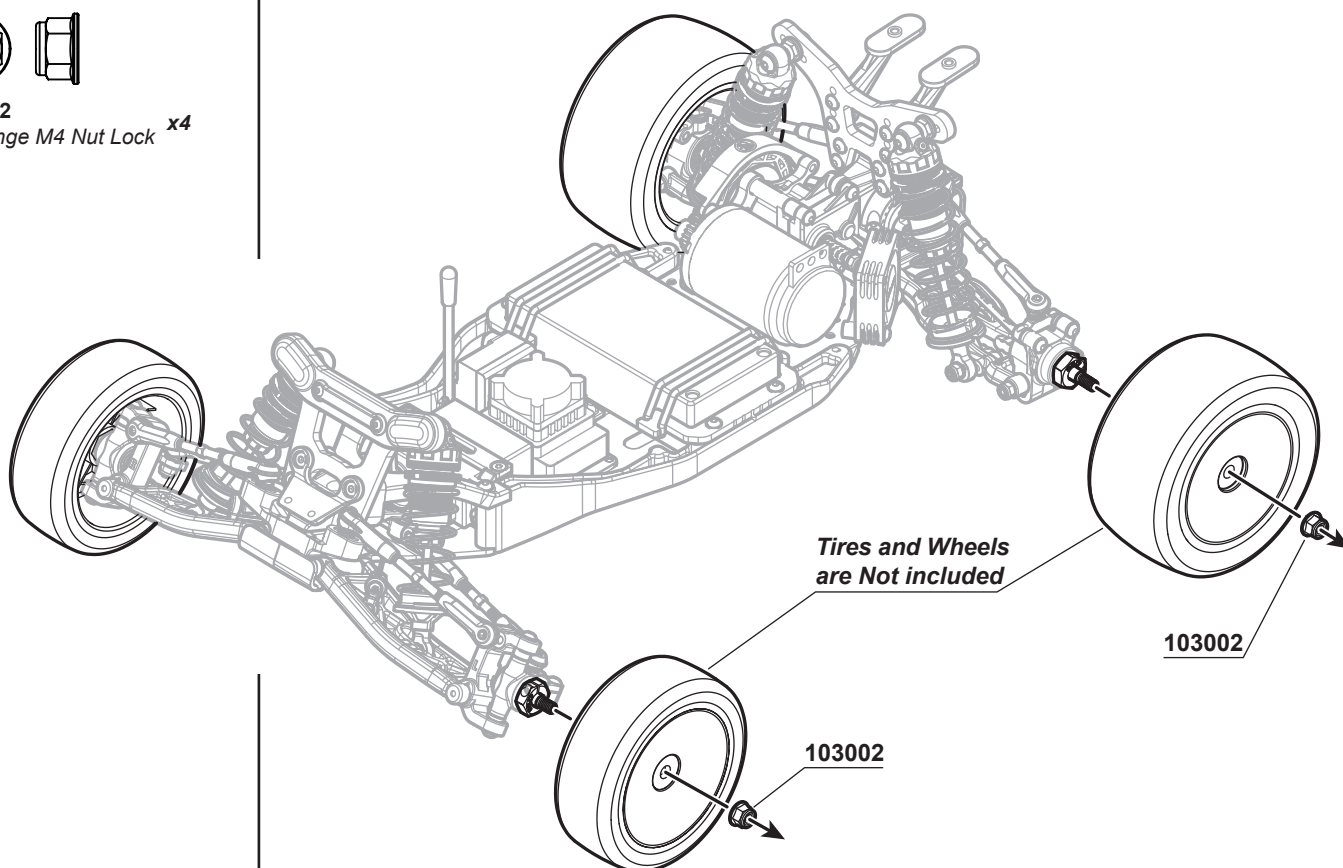
106002
M3x10mm Hex Socket OH/TP Screw **x4**



Li-po Shorty Peak is not included



103002
Flange M4 Nut Lock x4

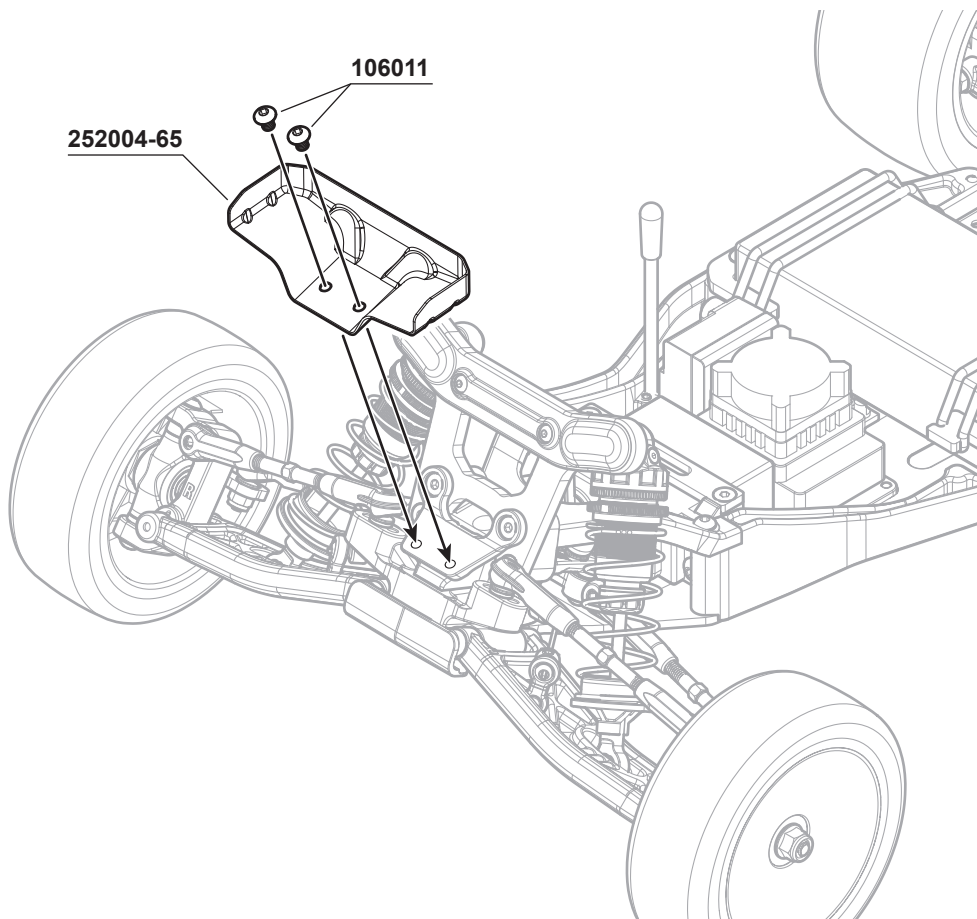




106011
M3x4mm Hex Scket OH/ST Screw x2

252004-65

106011



108003
M3x10mm FH/ST HEX Screw x2

250042

108003

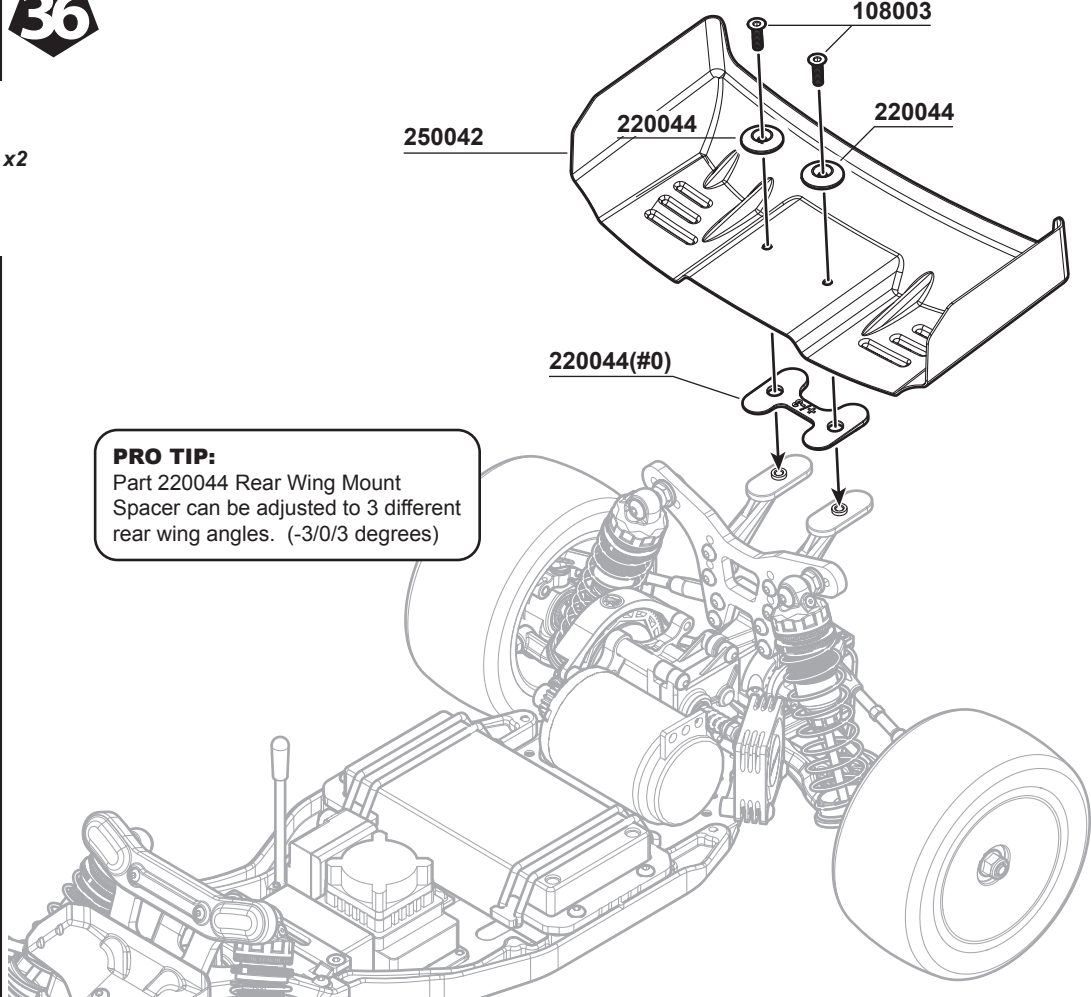
220044

220044

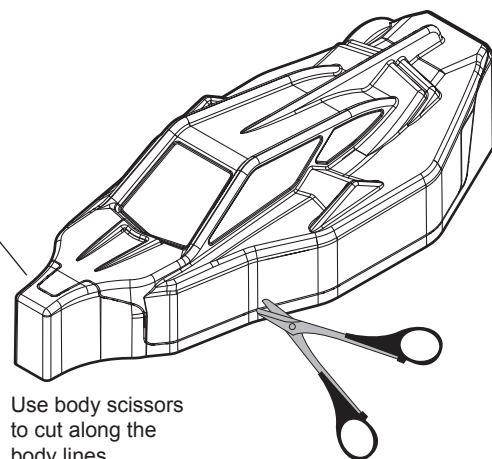
220044(#0)

PRO TIP:

Part 220044 Rear Wing Mount Spacer can be adjusted to 3 different rear wing angles. (-3/0/3 degrees)

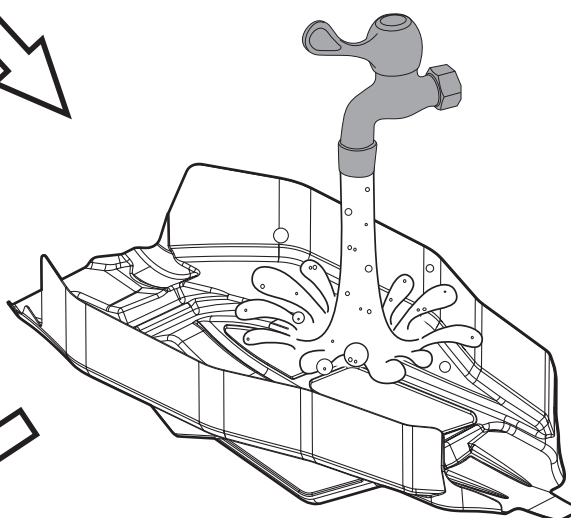


252003

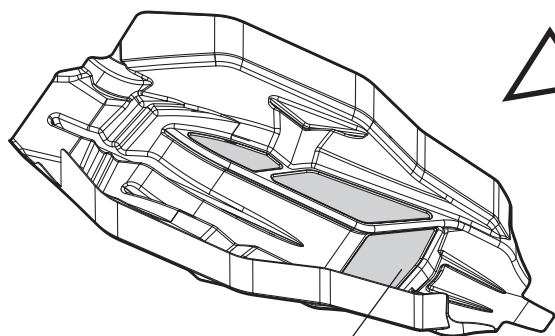


Use body scissors
to cut along the
body lines.

Use water/washing solution to clean body.



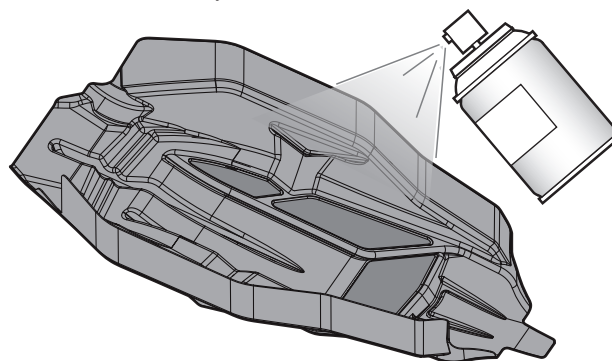
Apply window masks as shown.



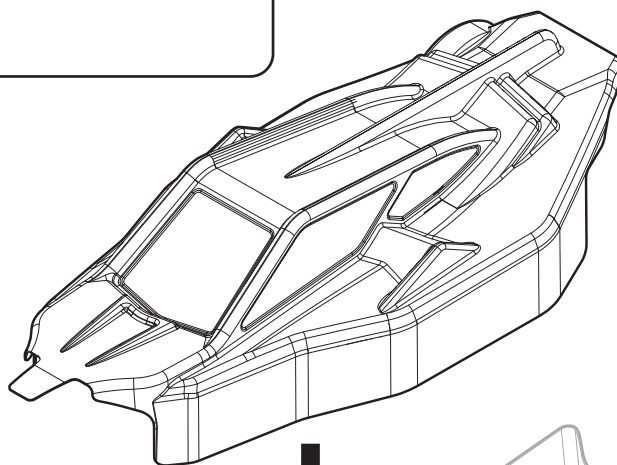
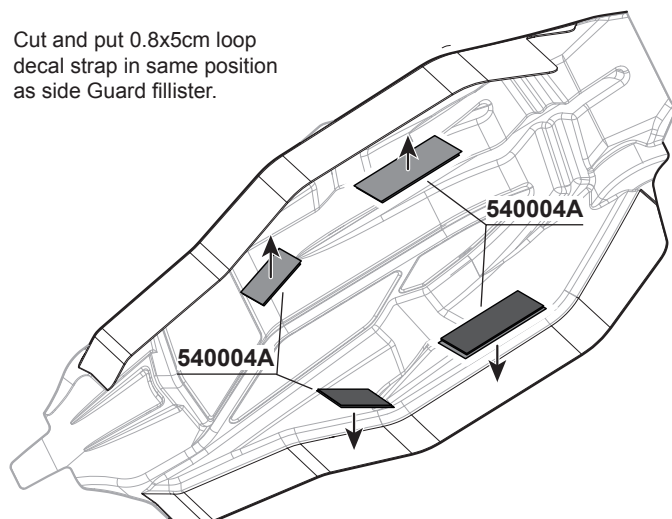
252001



Paint body.



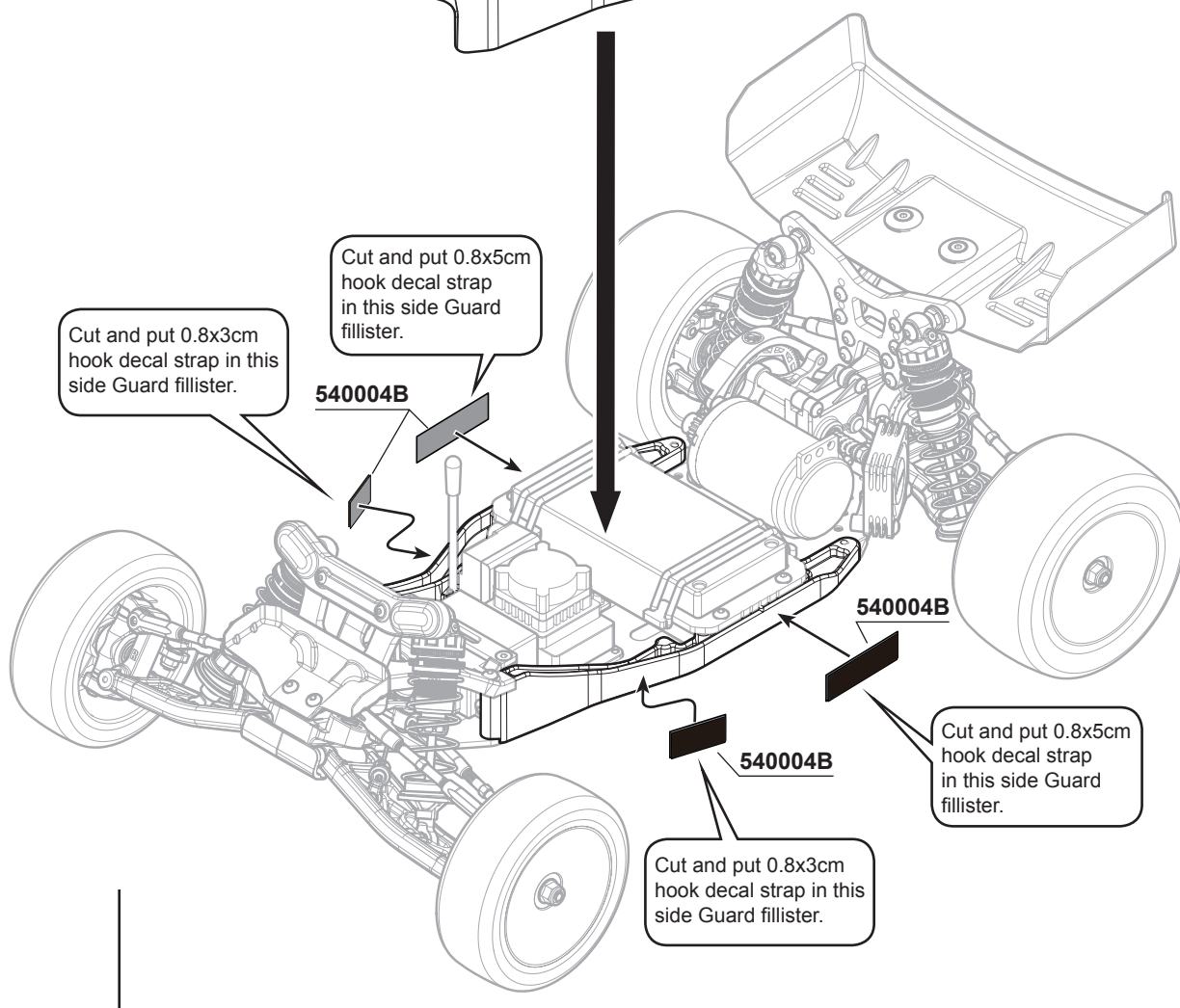
Cut and put 0.8x5cm loop
decal strap in same position
as side Guard fillister.



Cut and put 0.8x3cm
hook decal strap in this
side Guard fillister.

Cut and put 0.8x5cm
hook decal strap
in this side Guard
fillister.

540004B



Cut and put 0.8x5cm
hook decal strap
in this side Guard
fillister.

Cut and put 0.8x3cm
hook decal strap in this
side Guard fillister.

Name: SWORKz
 Date: 2025
 Track: Carpet

Diff. Oil

Rear: _____
 10000

Diff. Type

☒ Gear Diff
☐ Ball Diff

Track Conditions

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

Tire

Front
 Type: Option (JC)
 Foam: Option

Rear
 Type: Option (JC)
 Foam: Option

Electric System

ESC Type: Option (XERUN XR10 Pro-Black-G3)
 Motor Type: Option (XERUN V10-7.5T G3)
 Motor Gear/Spur Gear: 21/81 T
 Battery Type: Option (T-Pro 4800 mAh LCG)

Front Suspension

1 2 3 4 5
☐ ☐ ☐ ☐ ☒

0 mm

Camber: _____ mm (-1°)

Upper (1.5) mm
 Lower (3.2) mm

1 2 3 1 2 3

Toe Angle: _____ mm (1°)

0 2.5 -2.5 5 -5

1
☒ 2
☒ 4.7mm
☒ 5.7mm
☒ 6.7mm
☒ 7.7mm

Front Lower Arm Holder
☒ +2.5 ☐ -2.5

0 mm F R 1 mm

Front

Diff. Position

Ride High: _____ 14 mm

Oil: _____ #500
 Spacer: _____ 2 mm
 Pistons: 2Hx1.7mm
 Spring: _____ 5-Dot

Front Sway bar Use 1.2 mm
☐ None

Front Lower Arm Holder
 Adjustment ☒ 0.5mm ☐ 1mm

22 mm

Rear Suspension

1 2 3 4 5
☐ ☐ ☐ ☐ ☒

2 mm

Camber: _____ mm (1.5°)

4.7mm
☒ 5.7mm
☒ 6.7mm
☒ 7.7mm

1 2 3 1 2 3

Rear Toe-In

F
☐ 0.5 ☒ 1.0

R
☐ 0.5 ☒ 1.0

Wing Angle ☒ 0 ☐ +3 ☐ -3

Front insert

Rear insert

Wing Position

Body: SWORKz Kit
 Rear Wing: SWORKz Kit
 Front Wing: SWORKz Kit

Notes: Battery position forward
 Front: 222009(M)
222010(S)
 Rear: 222009(H)
222010(M)

Rear Sway bar Use 1.4 mm
☐ None

Ride High: _____ 15 mm

Oil: _____ #500
 Spacer: _____ 0 mm
 Pistons: 2Hx1.8mm
 Spring: _____ 4-Dot

28 mm

Option Parts List

Front lower arm

☐ Carbon composite Hard Material ☒ Standard Material

Rear lower arm

☐ Carbon composite Hard Material ☒ Standard Material

Side guard

☒ Standard Material

Race time / Lap: _____

Best lap: _____

Name: _____
Date: _____
Track: _____

Diff. Oil

Rear: _____

Diff. Type

- ☐ Gear Diff
☐ Ball Diff

Track Conditions

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

Tire

Front

Rear

Type: _____

Type: _____

Foam: _____

Foam: _____

Electric System

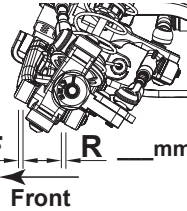
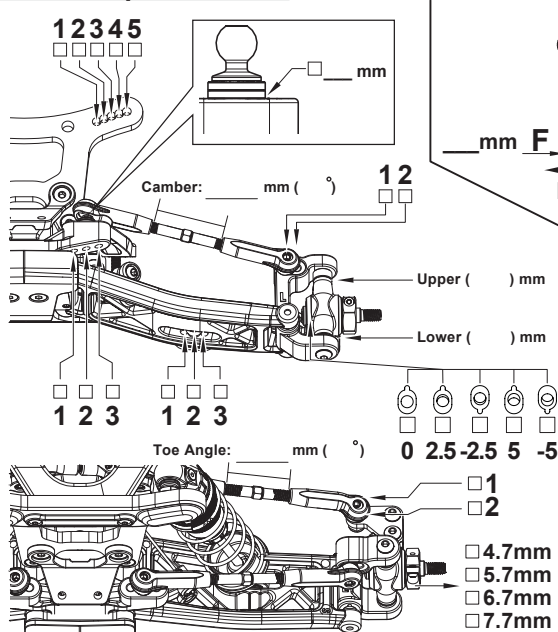
ESC Type: _____

Motor Type: _____

Motor Gear/Spur Gear: _____

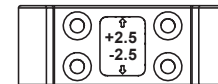
Battery Type: _____

Front Suspension

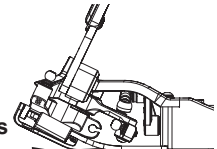


Front Lower Arm Holder

☐ +2.5 ☐ -2.5



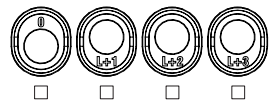
- ☐ Standard
☐ 25g Brass



Front Sway bar ☐ Use _____ mm
☐ None

Front Lower Arm Holder
Adjustment ☐ 0.5mm ☐ 1mm

Diff. Position



Ride High: _____ mm

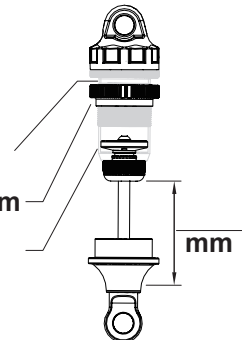


Oil: _____

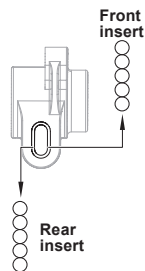
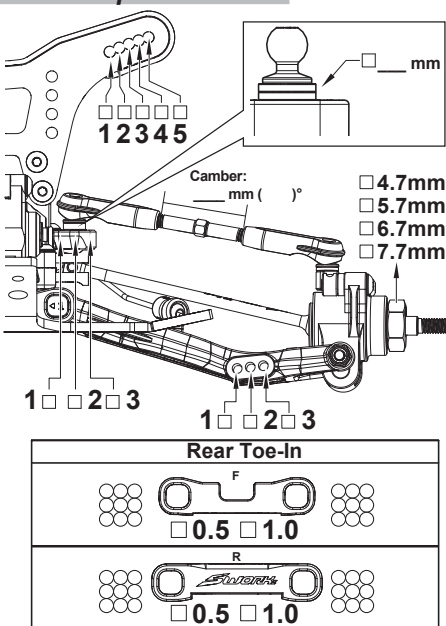
Spacer: _____ mm

Pistons: _____

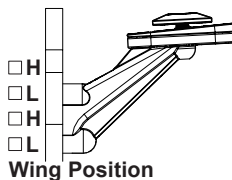
Spring: _____



Rear Suspension



Wing Angle ☐ 0 ☐ +3 ☐ -3



Body: _____

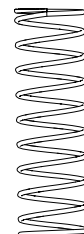
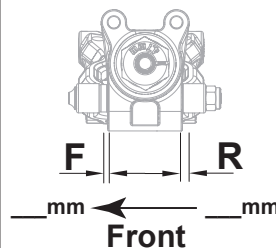
Rear Wing: _____

Front Wing: _____

Notes:

Rear Sway bar ☐ Use _____ mm
☐ None

Ride High: _____ mm

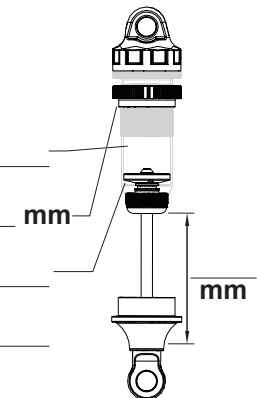


Oil: _____

Spacer: _____ mm

Pistons: _____

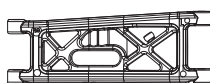
Spring: _____



Option Parts List

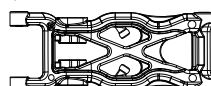
Front lower arm

- ☐ Carbon composite Hard Material ☐ Standard Material



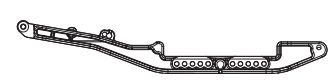
Rear lower arm

- ☐ Carbon composite Hard Material ☐ Standard Material



Side guard

- ☐ Standard Material



Parts No. List

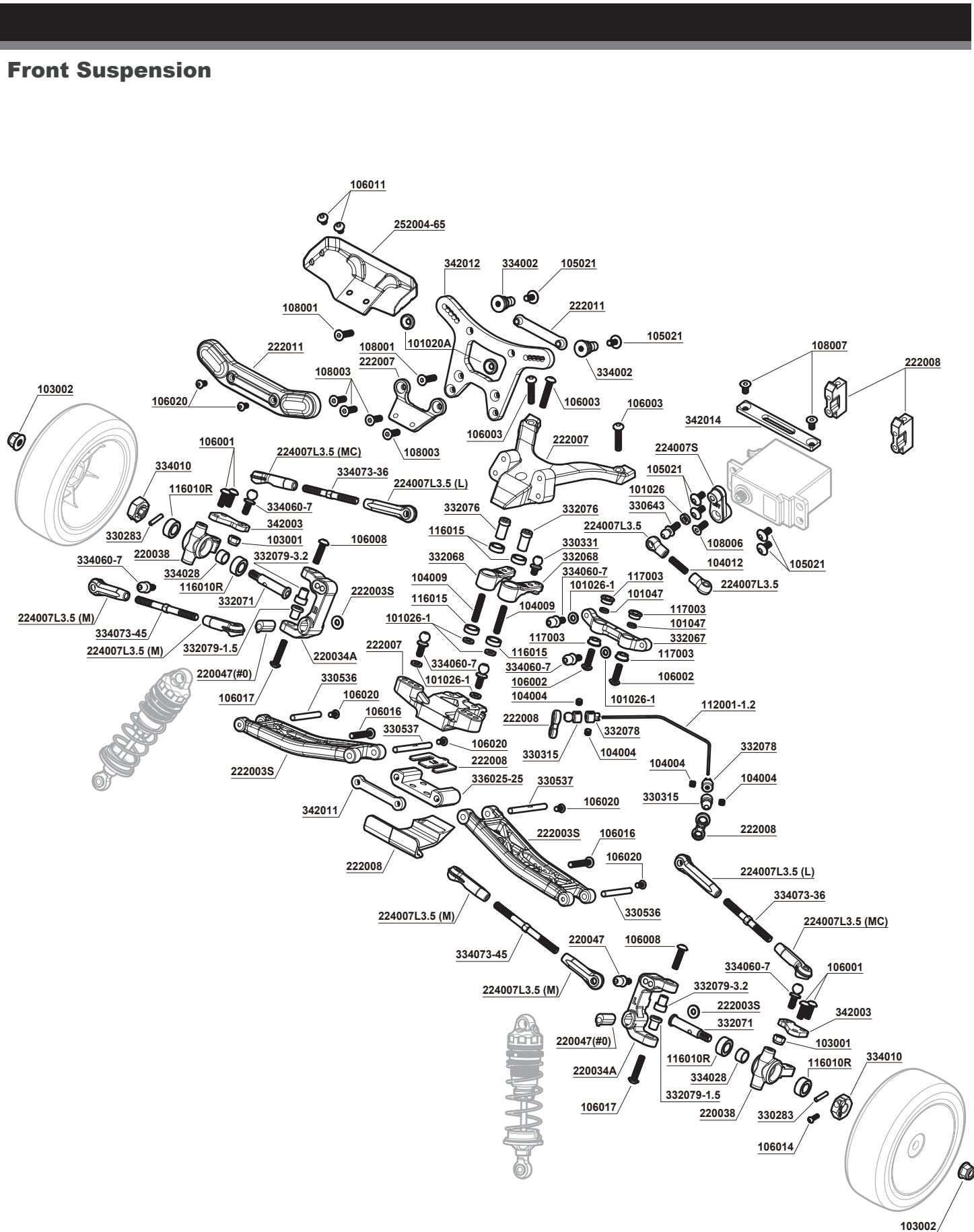
Part No.	Part Name	Q'ty in Use	Item No.	Part No.	Part Name	Q'ty in Use	Item No.
2502402	S12-1 Diff Case Set	1	SW-2502402	334011	S14-3 12mm Wheel Hex (5.7mm)	2	SW-334011
2503210A	SWORKz 1/10 Eccentric Bushing Set	2	SW-2503210A	334028	S14-3 Pinion Gear Stopper (5x7x4mm)	2	SW-334028
220031-81	S14-3 Precision Plastic Center Spur Gear 81T for Slipper Clutch	1	SW-220031-81	334059	S14-4 Series Rear CVA Drive Shaft (67.5mm)	2	SW-334059
220034A	S12 Series Front C-Hub Pro-composite Material Durable Type (L&R Pair)	1	SW-220034A	334060-7	SWORKz 1/10 Linkage Ball Stud (D5.5mm x L7mm)	12	SW-334060-7
220038	S12-2 Front & Rear Hub Carry Set	2	SW-220038	334060-6	SWORKz 1/10 Linkage Ball Stud D5.5mm x L6mm)	2	SW-334060-6
220041-MF	S12-2 Series Middle Front Motor Position Gear Box	1	SW-220041-MF	334073-36	SWORKz 3.5mm Steel Turnbuckle (M3.5*36mm)	2	SW-334073-36
220041-3D	S12-3 Middle Front Motor Gear Box Gen 3 Durable Cover	1	SW-220041-3D	334073-45	SWORKz 3.5mm Steel Turnbuckle (M3.5x45mm)	4	SW-334073-45
220042	S12-2 Sway Bar Plastic Parts	1	SW-220042	342003	S12-2 Steering Carbon Plate	2	SW-342003
220044	S12-2 Rear Wing Mount Set	1	SW-220044	342010	SWORKz S12-3 Pro-composite Carbon Fiber Battery Case with Holder	2	SW-342010
220045	S12-2 Gear Box Inserts	1	SW-220045	342011	SWORKz S12-3 Pro-composite Carbon Fiber Front Lower Arm Holder	1	SW-342011
220047	S12-2 Front C-Hub Insert& Sway Bar Ball End Parts	1	SW-220047	342012	SWORKz S12-3 Pro-composite Carbon Fibe Front BBS Shock Tower	1	SW-342012
222012-1.7X2	SWORKz 1/10 Precision Plastic Shock Piston Falt Type (1.7X2Holes)(13mm)	2	SW-222012-1.7X2	342013	SWORKz S12-3 Pro-composite Carbon Fiber Rear BBS Shock Tower	1	SW-342013
222012-1.8X2	SWORKz 1/10 BBS Precision Plastic Shock Piston Falt Type (1.8X2Holes)(13mm)	2	SW-222012-1.8X2	342014	SWORKz S12-3 Pro-composite Carbon Fiber Servo Holder Plate	1	SW-342014
222012-Seal	SWORKz 1/10 BBS Precision Plastic Shock Seal Part 3.0X6.3X0.9	2	SW-222012-Seal	354003-36	S12 Series POM MFR Idler Gear 36T	1	SW-354003-36
222013	SWORKz 1/10 BBS Precision Plastic Shock Cap (13mm) & Seal Cap	2	SW-222013	400002	O-ring S5	2	SW-400002
224007L3.5	SWORKz 1/10 Plastic Ball End Set (T3.5mm)	4	SW-224007L3.5	400035	SWORKz 1/10 Series Easy Fit Battery Holder O-Ring	2	SW-400035
224007S2-25	SWORKz 1/10 2WD Savor Servo Arm (25T)	1	SW-224007S2-25	400036	SWORKz 1/10 BBS Big Bore Shock Spring Adjust Nut O-Ring	8	SW-400036
224007S2-23	SWORKz 1/10 2WD Savor Servo Arm (23T)	1	SW-224007S2-23	400037	SWORKz 1/10 Series X Shock System Seal O-ring	8	SW-400037
222003S	SWORKz S12-3 Front Lower Arm Set in Pro-composite Material (Standard)	1	SW-222003S	410049	1/10 Shock Seal Cap O-ring (8*10*1)	4	SW-410049
222004S	SWORKz S12-3 Rear Lower Arm Set in Pro-composite Material (Standard)	2	SW-222004S	420010	Antenna Cup	1	SW-200193
222005	SWORKz S12-3 Plastic Synthesis Rear Hub	2	SW-222005	610024	S12-2 Battery Block	2	SW-610024
222005-I	SWORKz S12-3 Plastic Synthesis Rear Hub Insert	2	SW-222005-I	610013B08	S14/S12 Slipper Clutch Teflon Pad(Low Grip)(Yellow)(8mm)	2	SW-610013B08
222006	SWORKz S12-3 Side Guard Set in composite Material (Standard)	1	SW-222006	610017P	S12 Series Diff. Paper Gasket (0.4T)	1	SW-610017P
222007	SWORKz S12-3 Front Shock Tower/ Upper Holder Plastic Parts	1	SW-222007	512007	S12-3 Eaglet ST-3 Body Shell Decal Sheet	1	SW-252003C
222008	SWORKz S12-3 Plastic Accessories Part(Front Bumper/One Unit Servo Holder/Sway Bar Ball End)	2	SW-222008	512008	S12-3 Eaglet ST-3 Body Shell Window Mask	1	SW-252003C
222009	SWORKz 1/10 BBS Big Bore Shock Shaft Ball End Set	2	SW-222009	510091	SWORKz Original Logo Sticker	1	SW-510091
222010	SWORKz 1/10 BBS Big Bore Shock Spring Holder Set	4	SW-222010	112001-1.2	SWORKz S12-3 Series Front Sway Bar (1.2mm)	1	SW-112001-1.2
222011	SWORKz S12-3 F&R Shock Tower Protect Covers	1	SW-222011	112002-1.4	SWORKz S12-3 Series Rear Sway Bar (1.4mm)	1	SW-112002-1.4
250042	SWORKz 1/10 sonic wing 6.5"	1	SW-250042	112004-5	SWORKz 1/10 BBS Big Bore Shock Spring-ASS(44X1.2X6.75)	2	SW-112004-5
252003C	SWORKz S12-3 Eaglet ST-3 Clean Body Shell (Pre-Cut)	1	SW-252003C	112005-4	SWORKz 1/10 BBS Big Bore Shock Spring-AL3(61X1.2X10.0)	2	SW-112005-4
252004-65C	SWORKz 1/10 Sonic II front lexan wing "65mm" (Pre-Cut)	1	SW-252004-65C	115188	SWORKz 1/10 Slipper Clutch Spring (D1.4x12mm)	1	SW-115188
200193	Antenna Tube	1	SW-200193	115189	SWORKz 1/10 Slipper Clutch Spring (D1.6x12mm)	1	SW-115189
330156	Adjuster Knob	2	SW-330156	116010R	Ball Bearing 5x10x4mm (Red Rubber Case)	10	SW-116010R
330277	S104 Diff. Bevel Gear 18T	2	SW-330278	116013R	Ball Bearing 10x15x4mm (Red Rubber Case)	2	SW-116013R
330278	S104 Diff. Bevel Gear 10T	4	SW-330278	116015	Ball Bearing 5x8x2.5mm	4	SW-116015
330279	S104 Bevel Gear Shaft	2	SW-330279	116020	SWORKz Ball Bearing 5x12x4mm	2	SW-116020
330283	S104 Pin M2.0x9.8mm	4	SW-330283	117003	Flange Ball Bearing 3x6x2.5mm	4	SW-117003
330295	S104 CVD Join	2	SW-330295	101020A	3mm Countersunk Washers (RD)	4	SW-101020A
330315	Sway Bar Linkage Ball Stud	4	SW-330315	101011	M2.6x6xT0.5mm	4	SW-101011
330321	S104 Center Slipper Clutch Pin M2.0x8mm	1	SW-330321	101023	S104 Shim 10x12x0.1mm	1	SW-101023
330331	S104 Steering Linkage 5mm Ball Stud (L4.1mm)	1	SW-330331	101024	S104 Shim 10x12x0.2mm	1	SW-101024
330410	Motor Gear 21T	1	SW-330410	101025	Shim 3.5x10x0.1mm	4	SW-101025
330516	S12 Idler Gear Shaft 5X15L	1	SW-330516	101026	SWORKz Aluminum Washer 3X6X1.5mm	11	SW-101026
330525	S12 Rear Lower Arm Hinge Pin (3X44mm)	2	SW-330525	101026-1	SWORKz Aluminum Washer 3X6X1.0mm (GM)	6	SW-101026-1
330536	S12 Pin (3X26mm)	2	SW-330536	101026-2	SWORKz Aluminum Washer 3X6X2.0mm (GM)	10	SW-101026-2
330537	S12 Arm Hinge Pin (3X34mm)	2	SW-330537	101027	SWORKz S35 BBD Steel Washer 5X14X0.5mm	1	SWC-101027
330643	S104 EVO Steering Linkage 5mm Ball Stud (L7mm)	1	SW-330643	101047	SWORKz Aluminum Washer 3X4.7X1.0mm (GM)	2	SW-101047
330689	S12 Series Aluminum Diff Case Cover	1	SW-330689	103001	M3 Nut Lock	7	SW-103001
332002	S12-2 Aluminum Idler Gear 20T	1	SW-332002	103002	Flage Nylon Nut M4	4	SW-103002
332005A	S12-2 Slipper Clutch Adjust Screw 2.4x65mm	1	SW-332005A	104004	M3x3mm Set Screw	13	SW-104004
332032	S12-2 High Torque Aluminum Slipper Clutch Pad (Outside)	1	SW-332032	104005	Set Screw M3x4	2	SW-104005
332033	S12-2 High Torque Aluminum Slipper Clutch Pad (Inside)	1	SW-332033	104009	M3x16mm Set Screw	2	SW-104009
332034	S12-2 Steel Slipper Clutch Spring Holder Washer	2	SW-332034	104012	M3x12mm Set Screw	1	SW-104012
332060	SWORKz S12-3 Aluminum Lightened Main Chassis	1	SW-332060	104017	M3x20mm Set Screw	2	SW-104017
332061	SWORKz S12-3 Aluminum Rear Lower Arm Holder (RF)	1	SW-332061	105021	M3x6mm Conical Head Screw	8	SW-105021
332062	SWORKz S12-3 Aluminum Rear Lower Arm Plate (RR)	1	SW-332062	106001	M3x8mm Hex Soket OH/TP Screw	9	SW-106001
332063	SWORKz S12-3 Aluminum Rear Upper Linkage Mount	1	SW-332063	106002	M3x10mm Hex Soket OH/TP Screw	18	SW-106002
332064	SWORKz S12-3 Durable Aluminum Motor Plate	1	SW-332064	106003	Button Head Screw M3x16mm	6	SW-106003
332065-25	SWORKz S12-3 Aluminum Front Lower Arm Holder (2.5 Degree)	1	SW-332065-25	106005	M3x15mm Hex Soket OH/TP Screw	2	SW-106005
332067	SWORKz S12-3 Aluminum Servo Savor Steering Plate	1	SW-332067	106008	M3x12mm Hex Soket OH/TP Screw	11	SW-106008
332068	SWORKz S12-3 Aluminum Servo Savor Arms	2	SW-332068	106010	M3x6mm Hex Soket OH/TP Screw	2	SW-106010
332070	SWORKz S12-3 Synthesis Rear Hub Linkage Plate (R=L)	2	SW-332070	106011	M3x4mm Hex Soket OH/ST Screw	2	SW-106011
332071	SWORKz S12-3 Aluminum Front Steering Hub Axil (R=L)	2	SW-332071	106014	M2x6mm Hex Soket OH/TP Screw	8	SW-106014
332072	SWORKz S12-3 Rear CVA Axil	2	SW-332072	106015	M3x5mm Hex Soket OH/TP Screw	2	SW-106015
332074	SWORKz S12-3 Rear Hub Carriers Hinge Pin	2	SW-332074	106016	M3x18mm Hex Soket OH/TP Screw	2	SW-106016
332075	SWORKz S12-3 Gear Differential Outdrive	2	SW-332075	106017	M3x14mm Hex Soket OH/TP Screw	2	SW-106017
332076	SWORKz S12-3 Servo Savor Post	2	SW-332076	106019	M2x10mm 1.5mmHex Soket OH/ST Screw	4	SW-106019
332077	SWORKz S12-3 Shock Shaft Ball End Stud	4	SW-332077	106020	M2.5x5mm 1.5mmHex Soket OH/ST Screw	6	SW-106020
332078	SWORKz S12-3 Front Aluminum Sway Bar Holder	2	SW-332078	108001	M3x12mm FH/ST HEX Screw	4	SW-108001
332079-1.5	SWORKz S12-3 Aluminum Front C Hub Bushing (1.5)	2	SW-332079-1.5	108003	M3x10mm FH/ST HEX Screw	6	SW-108003
332079-3.2	SWORKz S12-3 Aluminum Front C Hub Bushing (3.2)	2	SW-332079-3.2	108005	M3x14mm FH/ST HEX Screw	2	SW-108005
332089	SWORKz 1/10 BBS Big Bore Shock Body (13mm-S)	2	SW-332089	108006	M3x8mm FH/ST HEX Screw	17	SW-108006
332090	SWORKz 1/10 BBS Big Bore Shock Body (13mm-L)	2	SW-332090	108007	M3x6mm FH/ST HEX Screw	4	SW-108007
332091	SWORKz 1/10 BBS Teflon Coated Shock Shaft (S)	2	SW-332091	108015	M3x16mm FH/ST HEX Screw	2	SW-108015
332092	SWORKz 1/10 BBS Teflon Coated Shock Shaft (L)	2	SW-332092	108019	M2.6x6mm FH/ST HEX Screw	2	SW-108019
332093	SWORKz 1/10 BBS Shock Spring Adjust Nut (BK/13mm)	4	SW-332093	108028	M2.6x4mm Flat Head Screw - Hex Socket	4	SW-108028
334002	S14-3 Aluminum Shock Stud	4	SW-334002	108029	M2.0x4.6mm FH/ST HEX Screw (1.5mm HexHead)	4	SW-108029
334010	S14-3 12mm Wheel Hex (4.7mm)	2	SW-334010				

Spare Part List

Item No.	Part Name	Item No.	Part Name
SW-220031-81	S14-3 Precision Plastic Center Spur Gear 81T for Slipper Clutch	SW-334010	S14-3 12mm Wheel Hex (4.7mm)(Standard)(2PC)
SW-220034A	SWORKz S12 Series Front C-Hub Pro-composite Material Durable Type (L&R Pair)	SW-334011	S14-3 12mm Wheel Hex (5.7mm)(Option)(2PC)
SW-220038	S12-2 Front & Rear Hub Carry Set	SW-334028	S14-3 Pinion Gear Stopper (5x7x4mm)(4PC)
SW-220041-3D	S12-3 Middle Front Motor Gear Box Gen 3 Durable Cover	SW-334059	S14-4 Series Rear CVA Drive Shaft (67.5mm) (1PC)
SW-220041-MF	S12-2 Series Middle Front Motor Position Gear Box	SW-334060-6	SWORKz 1/10 Linkage Ball Stud D5.5mm x L6mm)(4PC)
SW-220042	S12-2 Sway Bar Plastic Parts	SW-334060-7	SWORKz 1/10 Linkage Ball Stud D5.5mm x L7mm)(4PC)
SW-220044	S12-2 Rear Wing Mount Set	SW-334073-36	SWORKz 3.5mm Steel Turnbuckle (M3.5x36mm) (2PC)
SW-220045	S12-2 Gear Box Inserts	SW-334073-45	SWORKz 3.5mm Steel Turnbuckle (M3.5x45mm) (2PC)
SW-220047	S12-2 Front C-Hub Insert& Sway Bar Ball End Parts	SW-342003	S12-2 Steering Carbon Plate (1PC)
SW-222012-1.7X2	SWORKz 1/10 Precision Plastic Shock Piston Falt Type (1.7X2Holes)(13mm)(2PC)	SW-342010	SWORKz S12-3 Pro-composite Carbon Fiber Battery Case with Holder (2PC)
SW-222012-1.8X2	SWORKz 1/10 BBS Precision Plastic Shock Piston Falt Type (1.8X2Holes)(13mm)(2PC)	SW-342011	SWORKz S12-3 Pro-composite Carbon Fiber Front Lower Arm Holder
SW-222012-Seal	SWORKz 1/10 BBS Precision Plastic Shock Seal Part 3.0X6.3X0.9 (2 Sets)	SW-342012	SWORKz S12-3 Pro-composite Carbon Fibe Front BBS Shock Tower
SW-222013	SWORKz 1/10 BBS Precision Plastic Shock Cap (13mm) & Seal Cap (4 Sets)	SW-342013	SWORKz S12-3 Pro-composite Carbon Fiber Rear BBS Shock Tower
SW-222003S	SWORKz S12-3 Front Lower Arm Set in Pro-composite Material (Standard)(Pair)	SW-342014	SWORKz S12-3 Pro-composite Carbon Fiber Servo Holder Plate
SW-222004S	SWORKz S12-3 Rear Lower Arm Set in Pro-composite Material (Standard)(1PC)	SW-354003-36	S12 Series POM MFR Idler Gear 36T
SW-222005	SWORKz S12-3 Plastic Synthesis Rear Hub (1PC)	SW-101011	M2.6x6xT0.5mm
SW-222005-I	SWORKz S12-3 Plastic Synthesis Rear Hub Insert Set	SW-101020A	3mm Countersunk Washers (RD)
SW-222006	SWORKz S12-3 Side Guard Set in composite Material (Standard)(Pair)	SW-101023	S104 Shim 10x12x0.1mm
SW-222007	SWORKz S12-3 Front Shock Tower/ Upper Holder Plastic Parts	SW-101024	S104 Shim 10x12x0.2mm
SW-222008	SWORKz S12-3 Plastic Accessories Part Set(Front Bumper/One Unit Servo Holder/Sway Bar Ball End)	SW-101025	Shim 3.5x10x0.1mm
SW-222009	SWORKz 1/10 BBS Big Bore Shock Shaft Ball End Set(6PC)	SW-101026	SWORKz Aluminum Washer 3X6X1.5mm
SW-222010	SWORKz 1/10 BBS Big Bore Shock Spring Holder Set (3PC)	SW-101026-1	SWORKz Aluminum Washer 3X6X1.0mm (GM)(10PC)
SW-222011	SWORKz S12-3 F&R Shock Tower Protect Covers (3PC)	SW-101026-2	SWORKz Aluminum Washer 3X6X2.0mm (GM)(10PC)
SW-224007L3.5	SWORKz 1/10 Durable Plastic 5.5mm Ball End Set (T3.5mm)(2 Sets)	SWC-101027	SWORKz S35 BBD Steel Washer 5X14X0.5mm (2PC)
SW-224007S2-25	SWORKz 1/10 2WD Plastic Steering Servo Horn (25T)	SW-101047	SWORKz Aluminum Washer 3X4.7X1.0mm (GM)(10PC)
SW-224007S2-23	SWORKz 1/10 2WD Plastic Steering Servo Horn (23T)	SW-103001	M3 Nut Lock
SW-250042	SWORKz 1/10 sonic wing 6.5"	SW-103002	Flage Nylon Nut M4
SW-2502402	S12-1 Diff Case Set	SW-104004	M3x3mm Set Screw (10pcs)
SW-2503210A	SWORKz 1/10 Eccentric Bushing Set (2PC)	SW-104005	M3x4mm Set Screw (10pcs)
SW-252003C	SWORKz S12-3 Eaglet ST-3 Clean Body Shell (Pre-Cut)	SW-104009	M3x16mm Set Screw (10pc)
SW-252003C	S12-3 Eaglet ST-3 Body Shell Decal Sheet	SW-104012	M3x12mm Set Screw (10pcs)
SW-252003C	S12-3 Eaglet ST-3 Body Shell Window Mask	SW-104017	M3x20mm Set Screw
SW-252004-65C	SWORKz 1/10 Sonic II front lexan wing "65mm" (Pre-Cut)	SW-105021	M3x6mm Conical Head Screw (10PC)
SW-330156	SWORKz Adjuster Knob (GM)(2PC)	SW-106001	M3x8mm Hex Soket OH/TP Screw (10pcs)
SW-330278	S104 Diff. Bevel Gear Set	SW-106002	M3x10mm Hex Soket OH/TP Screw (10pcs)
SW-330279	S104 Bevel Gear Shaft	SW-106003	M3x16mm Hex Soket OH/TP Screw (10pcs)
SW-330283	S104 Pin M2.0x9.8mm	SW-106005	M3x15mm Hex Soket OH/TP Screw
SW-330295	S104 CVD Join Set (2 Sets)	SW-106008	M3x12mm Hex Soket OH/TP Screw (10pcs)
SW-330315	S104 Sway Bar Linkage Ball Stud (4pcs)	SW-106010	M3x6mm Hex Soket OH/TP Screw (10pcs)
SW-330321	S104 Center Slipper Clutch Pin M2.0x8mm (2pc)	SW-106011	M3x4mm Hex Soket OH/ST Screw
SW-330331	S104 Steering Linkage Ball Stud 5x4.1mm (2pcs)	SW-106014	M2x6mm Hex Soket OH/TP Screw (10pcs)
SW-330410	SWORKz 1/10 Motor Pinion Gear 21T	SW-106015	M3x5mm Hex Soket OH/TP Screw (10pcs)
SW-330516	S12-1 Idler Gear Shaft 5X15L	SW-106016	M3x18mm Hex Soket OH/TP Screw
SW-330525	S12 Rear Lower Arm Hinge Pin (3X44mm)	SW-106017	M3x14mm Hex Soket OH/TP Screw (10PC)
SW-330536	S12 Pin (3X26mm)	SW-106019	M2x10mm 1.5mmHex Soket OH/ST Screw
SW-330537	S12 Arm Hinge Pin (3X34mm)	SW-106020	M2.5x5mm 1.5mmHex Soket OH/ST Screw
SW-330643	S104 EVO Steering Linkage 5mm Ball Stud (L7mm)(4PC)	SW-108001	M3x12mm FH/ST HEX Screw (10pcs)
SW-330689	S12 Series Aluminum Diff Case Cover	SW-108003	M3x10mm FH/ST HEX Screw (10pcs)
SW-332002	S12-2 Aluminum Idler Gear 20T	SW-108005	M3x14mm FH/ST HEX Screw (10pcs)
SW-332005A	S12-2 Slipper Clutch Adjust Screw 2.4x65mm	SW-108006	M3x8mm FH/ST HEX Screw (10pcs)
SW-332032	S12-2 High Torque Aluminum Slipper Clutch Pad (Outside)	SW-108007	M3x6mm FH/ST HEX Screw (10pcs)
SW-332033	S12-2 High Torque Aluminum Slipper Clutch Pad (Inside)	SW-108015	M3x16mm FH/ST HEX Screw
SW-332034	S12-2 Steel Slipper Clutch Spring Holder Washer (2PC)	SW-108019	M2.6x6mm FH/ST HEX Screw
SW-332060	SWORKz S12-3 Aluminum Lightened Main Chassis	SW-108028	M2.6x4mm Flat Head Screw - Hex Socket (10PC)
SW-332061	SWORKz S12-3 Aluminum Rear Lower Arm Holder (RF)	SW-108029	M2.0x4.6mm FH/ST HEX Screw (1.5mm Hex)(10PC)
SW-332062	SWORKz S12-3 Aluminum Rear Lower Arm Plate (RR)	SW-112001-1.2	SWORKz S12-3 Series Front Sway Bar (1.2mm)
SW-332063	SWORKz S12-3 Aluminum Rear Upper Linkage Mount	SW-112002-1.4	SWORKz S12-3 Series Rear Sway Bar (1.4mm)
SW-332064	SWORKz S12-3 Durable Aluminum Motor Plate	SW-112004-5	SWORKz 1/10 BBS Big Bore Shock Spring-A55(44X1.2X6.75)(2PC)
SW-332065-25	SWORKz S12-3 Aluminum Front Lower Arm Holder (2.5 Degree)	SW-112005-4	SWORKz 1/10 BBS Big Bore Shock Spring-AL4(61X1.2X10.0)(2PC)
SW-332067	SWORKz S12-3 Aluminum Servo Savor Steering Plate	SW-115188	SWORKz 1/10 Slipper Clutch Spring (D1.4x12mm)
SW-332068	SWORKz S12-3 Aluminum Servo Savor Arms (1PC)	SW-115189	SWORKz 1/10 Slipper Clutch Spring (D1.6x12mm)
SW-332070	SWORKz S12-3 Synthesis Rear Hub Linkage Plate (R=L) (1PC)	SW-116010R	Ball Bearing 5x10x4mm (Red Rubber Case)(4PC)
SW-332071	SWORKz S12-3 Aluminum Front Steering Hub Axil (R=L) (2PC)	SW-116013R	Ball Bearing 10x15x4mm(Red Rubber Case)(6PC)
SW-332072	SWORKz S12-3 Rear CVA Axil (2PC)	SW-116015	Ball Bearing 5x8x2.5mm (10pc)
SW-332074	SWORKz S12-3 Rear Hub Carriers Hinge Pin (2PC)	SW-116020	SWORKz Ball Bearing 5x12x4mm (4PC)
SW-332075	SWORKz S12-3 Gear Differential Outdrive (2PC)	SW-117003	Flange Ball Bearing 3x6x2.5mm (2pcs)
SW-332076	SWORKz S12-3 Servo Savor Post (2PC)	SW-117003	Flange Ball Bearing 3x6x2.5mm(2pc)
SW-332077	SWORKz S12-3 Shock Shaft Ball End Stud (4PC)	SW-200193	Antenna Tube (3 sets)
SW-332078	SWORKz S12-3 Front Aluminum Sway Bar Holder (2PC)	SW-400002	O-ring S5 4.8x1.5 (6pcs)
SW-332079-1.5	SWORKz S12-3 Aluminum Front C Hub Bushing (1.5)(2PC)	SW-400035	SWORKz 1/10 Series Easy Fit Battery Holder O-Ring
SW-332079-3.2	SWORKz S12-3 Aluminum Front C Hub Bushing (3.2)(2PC)	SW-400036	SWORKz 1/10 BBS Big Bore Shock Spring Adjust Nut O-Ring (8PC)
SW-332089	SWORKz 1/10 BBS Big Bore Shock Body (13mm-S) (2PC)	SW-400037	SWORKz 1/10 Series X Shock System Seal O-ring (8PC)
SW-332090	SWORKz 1/10 BBS Big Bore Shock Body (13mm-L) (2PC)	SW-410049	1/10 Shock Seal Cap O-ring (8*10*1)
SW-332091	SWORKz 1/10 BBS Teflon Coated Shock Shaft (S) (2PC)	SW-510091	SWORKz Original Logo Sticker (2PC)
SW-332092	SWORKz 1/10 BBS Teflon Coated Shock Shaft (L) (2PC)	SW-610013B08	S14/S12 Slipper Clutch Teflon Pad(High Grip)(Yellow)(T0.8mm)(2PC)
SW-332093	SWORKz 1/10 BBS Shock Spring Adjust Nut (BK/13mm) (2PC)	SW-610017P	S12 Series Diff. Paper Gasket (0.4T)(3PC)
SW-334002	S14-3 Aluminum Shock Stud(2PC)	SW-610024	S12-2 Battery Pad (4PC)

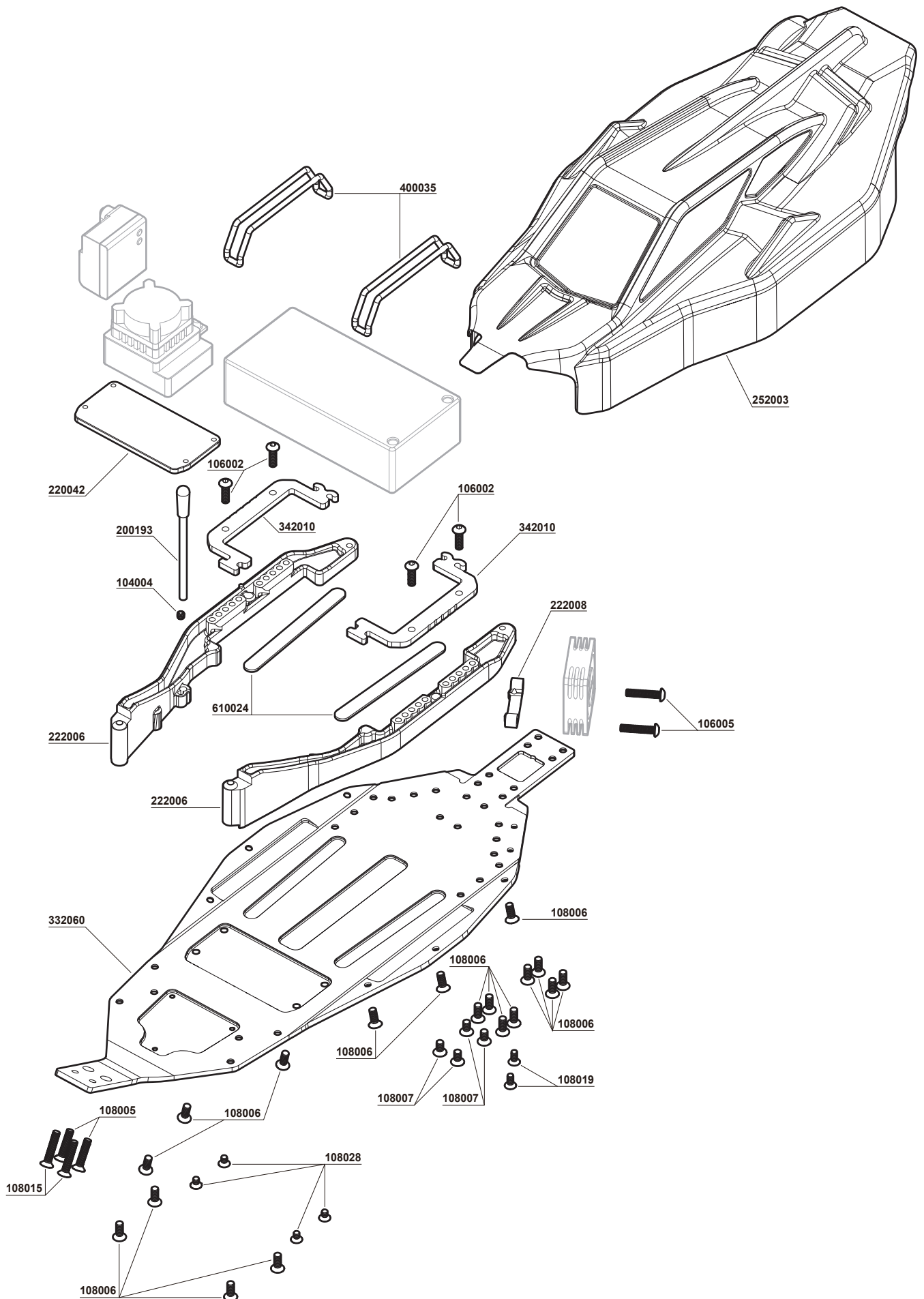
Option Part List

Item No.	Part Name	Item No.	Part Name
SW-212012	SWORKz S12 Series PRO Ball Differential Unite		
SW-212013-F	SWORKz 1/10 BBS Big Bore Shock System Front Set (13mm)		
SW-212013-R	SWORKz 1/10 BBS Big Bore Shock System Rear Set (13mm)		
SW-210072	S12-1 Series Gear Diff Set		
SW-220025WH	SWORKz 1/10 2WD Off Road Competition Front Dish Wheel (WH) (4PC)		
SW-220025FY	SWORKz 1/10 2WD Off Road Competition Front Dish Wheel (FY) (4PC)		
SW-220026WH	SWORKz 1/10 2/4WD Off Road Competition Rear Dish Wheel (WH) (4PC)		
SW-220026FY	SWORKz 1/10 2/4WD Off Road Competition Rear Dish Wheel (FY) (4PC)		
SW-220031-72	S14-3 Precision Plastic Center Spur Gear 72T for Slipper Clutch		
SW-220031-78	S14-3 Precision Plastic Center Spur Gear 78T for Slipper Clutch		
SW-222012-1.6X2	SWORKz 1/10 BBS Precision Plastic Shock Piston Falt Type (1.6X2Holes)(13mm)		
SW-222012-1.6X3	SWORKz 1/10 BBS Precision Plastic Shock Piston Falt Type (1.6X3Holes)(13mm)		
SW-222003H	SWORKz S12-3 Front Lower Arm Set in Carbon-composite Material (Hard)(Pair)		
SW-222004H	SWORKz S12-3 Rear Lower Arm in Carbon-composite Material (Hard)(1PC)		
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-2501800ABK	S104 Rear Wing Set (W/O Holes) (BK)		
SW-330324	SWORKz 1/10 Motor Pinion Gear 20T		
SW-330335	S104 Aluminum Rear Wing Washer		
SW-330409	SWORKz 1/10 Motor Pinion Gear 19T		
SW-330411	SWORKz 1/10 Motor Pinion Gear 22T		
SW-330412	SWORKz 1/10 Motor Pinion Gear 23T		
SW-330544	S104EVO/S12 Shock Seal Cover (GM)		
SW-332056-25	SWORKz 1/10 2WD Uni-Design System Aluminum Steering Servo Horn 25T		
SW-332056-23	SWORKz 1/10 2WD Uni-Design System Aluminum Steering Servo Horn 23T		
SW-332052-L	S12-2 Series Aluminum Front C Hub (L)		
SW-332052-R	S12-2 Series Aluminum Front C Hub (R)		
SW-332065	SWORKz S12-3 Aluminum Front Lower Arm Holder (0 Degree)		
SW-332066	SWORKz S12-3 Brass Material Balance Plate (15g)		
SW-332069	SWORKz S12-3 Aluminum Synthesis Rear Hub (R=L)(with Insert) (1 Set)		
SW-332088	SWORKz S12-3 Aluminum Rear Chassis Flax Adjustment Brace (2PC)		
SW-332094-L	SWORKz S12-3 Aluminum Gear Box Mount (L)		
SW-332094-R	SWORKz S12-3 Aluminum Gear Box Mount (R)		
SW-362002	S12-2 Series Quality Stainless Steel ESC/Receiver Balance Plate (20g)		
SW-334038	S14-3 12mm Wheel Hex (6.7mm)(Option)(2PC)		
SW-334039	S14-3 12mm Wheel Hex (7.7mm)(Option)(2PC)		
SW-334047BK	SWORKz T-7075 M4 Lightened Low Profile Large-contact with Serrated Wheel Nuts (BK)(6pc)		
SW-334047GM	SWORKz T-7075 M4 Lightened Low Profile Large-contact with Serrated Wheel Nuts (GM)(6pc)		
SWC-116013A	SWORKz Competition 10x15x4mm Ball Bearing (Metal Case)(6PC)		
SWC-116010C	SWORKz Competition 5x10x4mm Ball Bearing (Metal Case)(6PC)		
SWC-116019A	SWORKz Competition 5x13x4mm Ball Bearing (Metal Case)(4PC)		
SW-112001-1.0	SWORKz S12-3 Series Front Sway Bar (1.0mm)		
SW-112001-1.1	SWORKz S12-3 Series Front Sway Bar (1.1mm)		
SW-112001-1.3	SWORKz S12-3 Series Front Sway Bar (1.3mm)		
SW-112002-1.2	SWORKz S12-3 Series Rear Sway Bar (1.2mm)		
SW-112002-1.3	SWORKz S12-3 Series Rear Sway Bar (1.3mm)		
SW-112002-1.5	SWORKz S12-3 Series Rear Sway Bar (1.5mm)		
SW-112002-1.6	SWORKz S12-3 Series Rear Sway Bar (1.6mm)		
SW-112004-3	SWORKz 1/10 BBS Big Bore Shock Spring-AS3(44X1.2X6.25)(2PC)		
SW-112005-2	SWORKz 1/10 BBS Big Bore Shock Spring-AL2(61X1.2X11.0)(2PC)		

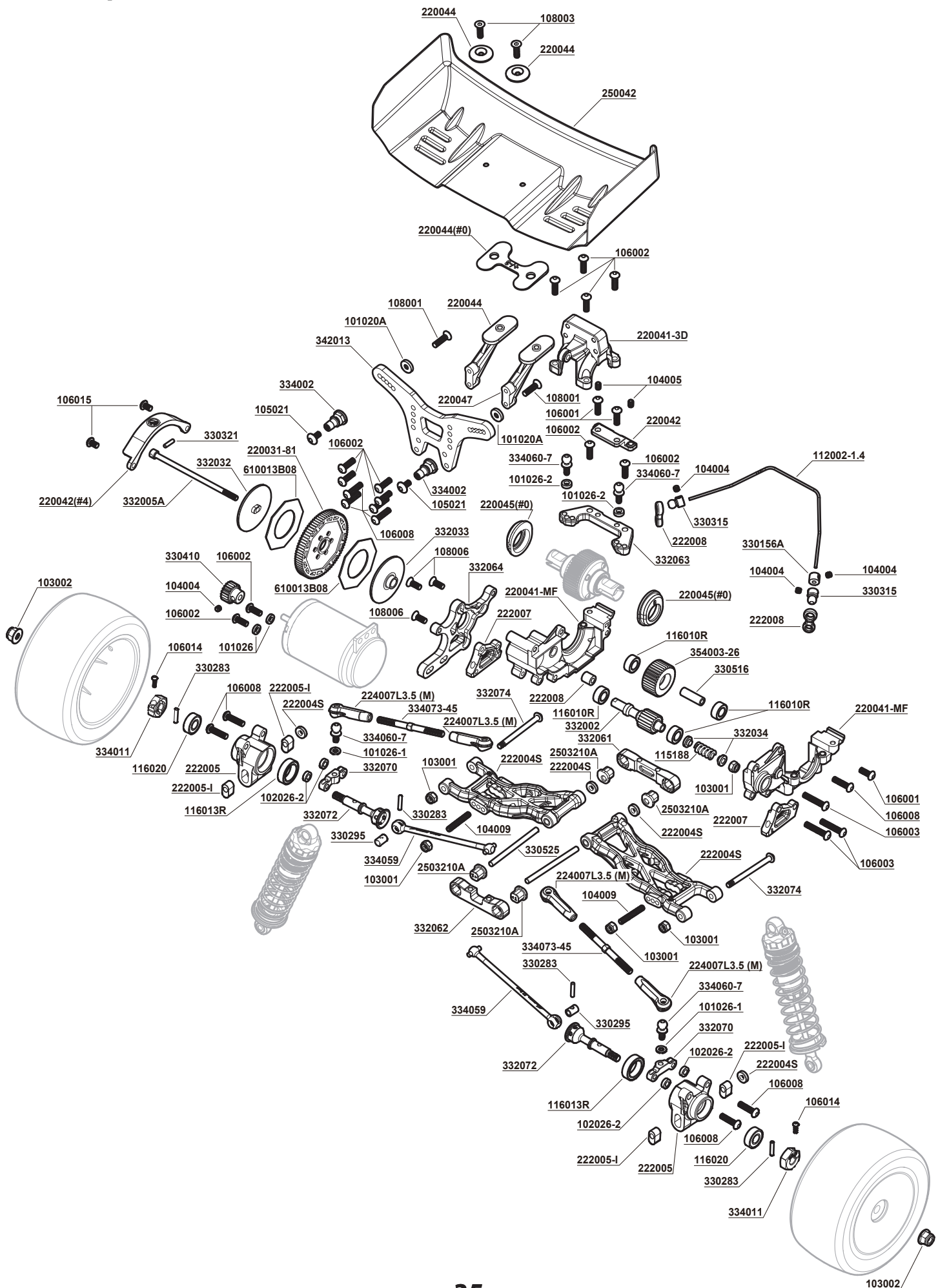


Exploded View

Chassis & Electronic Parts



Rear Suspension



S12-30

Carpet

1/10 Off Road 2WD Racing Electric Buggy



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