



S14-3

1/10 Off Road Racing Electric Buggy



SWORKZ S14-3

INSTRUCTION MANUAL





Item No: SW-910032

Item Name: SWORKz S14-3 1/10 4WD EP Off Road Racing Buggy Pro Kit

INSTRUCTIONS

More top drivers joining SWORKz, has helped in the development and improvement of our 1/10 off road electric buggies. The brand new SWORKz S14-3 is a straight result of that.

Based on the success of the S14-2, SWORKz further developed its 1/10 off road buggy and came out with the S14-3.

One of its most unique features is the 5mm Axle Universal Cross Drive Shafts that were specially designed and made from SWORKz 1/8th buggy steel material.

For carpet off road racing, we gave up the pivot ball system and went with the C-Hub steering system. With the new C-Hub system, the S14-3 now has a new and improved front and rear suspension shock system.

The S14-3 new developed front and rear arms are made from strong composite nylon materials.

Standard included in the kit is the new Centre Slipper Clutch System.

The T-7075 aluminum chassis with its center flex system gives more rear grip. When equipped with the new front and rear upper carbon decks, the buggy has even more traction.

The S14-3 includes many high quality parts, a refined shock system and option parts.

Many SWORKz Factory Team Option Parts are included.

SWORKz utilizes only the highest quality materials and industry leading manufacturing processes resulting in a faster, stronger, and more reliable racing car.

The S14-3 Pro Kit is designed to win.

Congratulations on your purchase of the new SWORKz S14-3 1/10 scale off-road racing buggy pro kit.

Please read this manual carefully, before you attempt to drive your S14-3. This manual contains step-by-step instructions to help you complete, prepare for startup, and fine-tune your S14-3. Updates, setups, and product news will be posted on our website (www.sworkz.com). So check often.

If you should have any questions or need help with your S14-3, 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.

S14-3 Pro Kit Features :

1. T7075 aluminum B.H.C(Black Hard Coated) chassis with its new center flex system.
2. High performance CNC crown gears and pinion gears.
3. Unique 5mm Axle Universal Cross Drive Shafts.
4. New Centre Slipper Clutch System.
5. New Pro-composite Carbon Fiber shock towers with new geometry Shock Positions.
6. New design shock bodies with 3mm Teflon hard coated shafts.
7. Front and rear arms made from strong composite nylon materials.
8. Kit comes standard with both, 9 and 11 degree front C Hubs.
9. New Adjustable Steering Plate with New Bell Crank.
10. Full aluminum arm holders with adjustable Toe-in Block.
11. Aluminum Steering Servo Mount.
12. Velocity 2.0 Body Shell with Formula Bulkhead Wing.

Specification	
Length:	385mm
Width:	245mm
Height:	170mm
Ground Clearance:	50mm
Wheelbase:	282-285mm
Track:	F:232mm / R:222mm
Gear Ratio:	C:81T/19T, F/R 42/17T
Weight:	1698g (Race condition)



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INSTRUCTIONS

Unter Mitwirkung unserer SWORKz Werkspiloten wurde über einen längeren Zeitraum und in zahlreichen Tests bei Rennen der neue SWORKz S14-3 entwickelt. Die Qualität der Werkstoffe und der Verarbeitung setzt neue Maßstäbe.

Grundlegend verändert wurde die Vorderachse. Hier haben wir unsere Pivot Ball Strategie aufgegeben. C-Hub hat sich in den Tests als die schnellere Version erwiesen. Serienmäßig ist auch der Slipper in der Mitte enthalten. Dieser wurde durch neue Mittelhalter und kleinere Hauptzahnräder so tief wie möglich gesetzt.

5mm Kardangelenke vorne und hinten wurden speziell designed, mit der Erfahrung aus dem 1/8.

Ebenfalls völlig neu sind die Stoßdämpfer. Exakte Fertigung und hochwertige Materialien garantieren eine perfekte Funktion. Querlenker vorne und hinten sind neu und aus hochwertigem Composite Nylon.

Das Chassis aus hochwertigem T7075 Aluminium mit neuem „Center Twist“ System bietet optimale Traktion. Ausgestattet mit den neuen vorderen und mittleren Carbon Decks erhöht sich die Traktion nochmals.

Der Baukasten enthält viele SWORKz Tuningteile. Die hochwertigen Materialien gepaart mit den neuesten Fertigungsmethoden, resultieren in einem schnelleren, stabileren aber auch zuverlässigeren Fahrzeug, dem SWORKz S14-3.

SWORKz S14-3, gebaut um zu siegen.

Gratulation zum Kauf des neuen SWORKz S14-3 1/10 Off Road Buggy Baukasten.

Bitte lesen sie die Beschreibung und Bauanleitung sorgfältig, bevor Sie mit Bau beginnen.

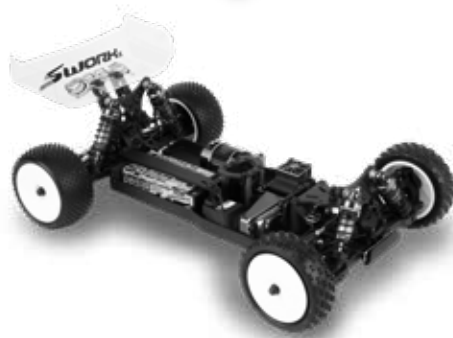
Die Bauanleitung hilft ihnen Schritt für Schritt beim Bau aber auch beim Setup und Tuning ihres SWORKz S14-3. Auf unserer Homepage www.sworkz.com stehen immer die neuesten Setups zum Download zur Verfügung.

Sollten Sie dennoch Fragen haben stehen unsere SWORKz Partner jederzeit zur Verfügung. Gerne können Sie uns auch direkt kontaktieren um die letzten Neuheiten zu erfahren.

S14-3 Pro Kit Features :

1. T7075 Aluminium BHC (Black hard coated) Bodenplatte mit neuem Center Flex System
2. CNC gefertigte Tellerräder und Trieblinge in Top Qualität
3. Spezielle 5mm Kardanwellen
4. Neuer Center Slipper
5. Pro-Composite Carbon Stoßdämpferhalter mit neuer Geometrie
6. Neue Stoßdämpfergehäuse mit 3mm Kolbenstangen in hardcoating
7. Querlenker hinten und vorne aus hochfestem Composite Nylon
8. 9 und 11 Grad C-Hubs standardmäßig im Baukasten
9. Neue einstellbare Lenkungsplatte
10. Querlenkerhalter aus Aluminium mit Einstellbuchsen
11. Lenkservohalterung aus Aluminium
12. Velocity 2.0 Karosserie mit Heckspoiler

Specification	
Length:	385mm
Width:	245mm
Height:	170mm
Ground Clearance:	50mm
Wheelbase:	282 – 285mm
Track:	Vo 232mm / Hi 222mm
Gear Ratio:	Mitte 81/19 / Vo+Hi 42/17
Weight:	1698g (rennfertig)



WARRANTY

Your SWORKz S14-3 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 and approval by SWORKz.



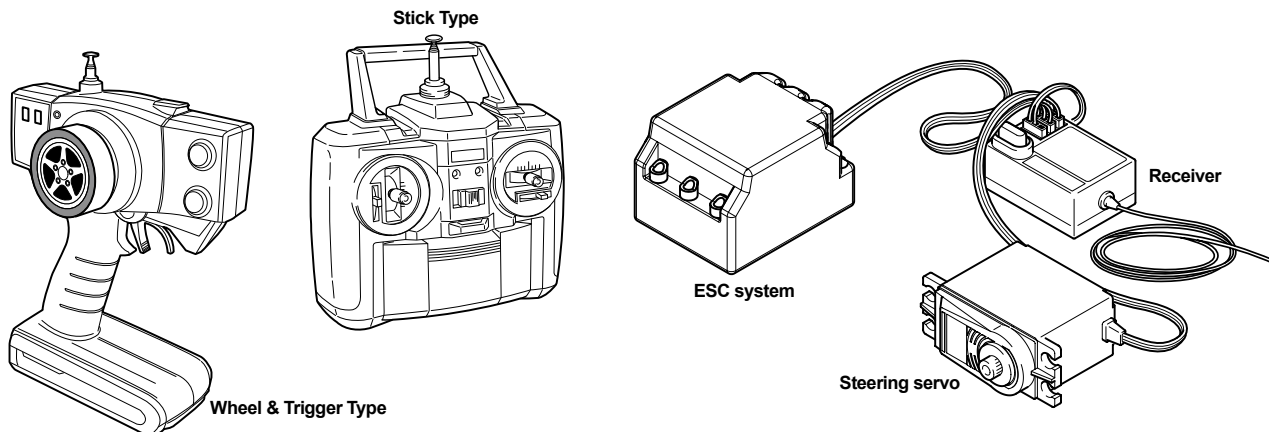
Instruction	2-3
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Required equipment for operation	6
Operation guide	7
Assembly steps	8-28
Set-up sheet	29-30
Blank set-up sheet	30-31
S14-3 key no. list	32-33
S14-3 spare part list	33-34
S14-3 option parts list	35
End cover	36



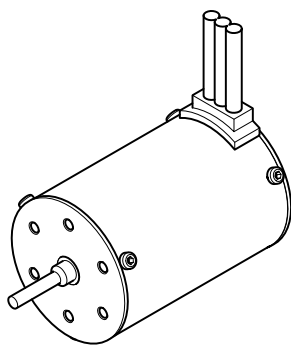
This radio control racing car is not a toy!
This high-performance R/C model is recommended for ages 14 and older.

Required Equipment for Operation

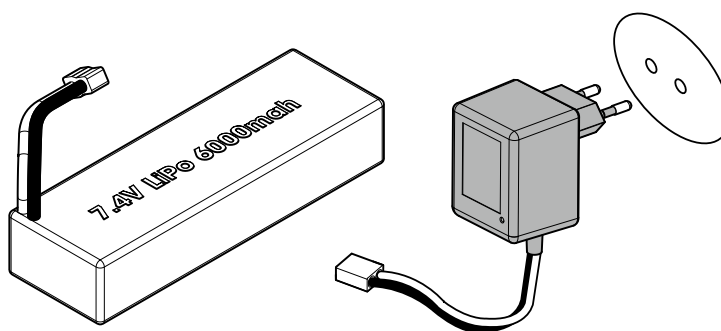
Radio Gear



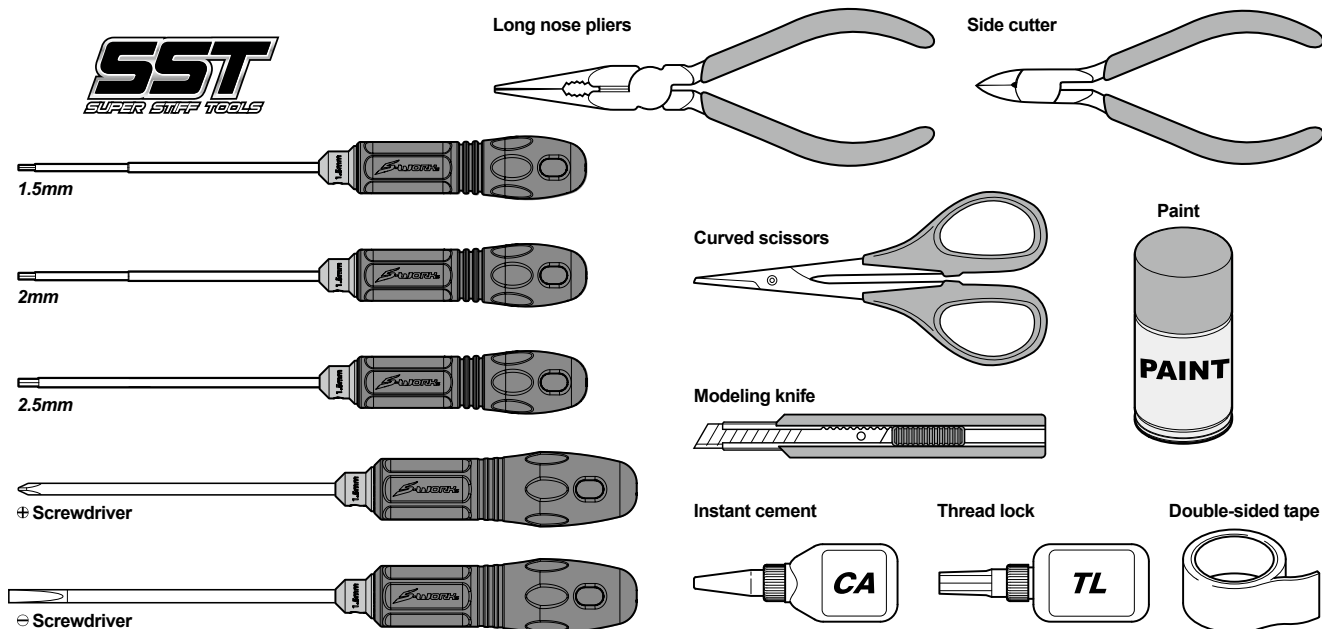
Breshless Motor



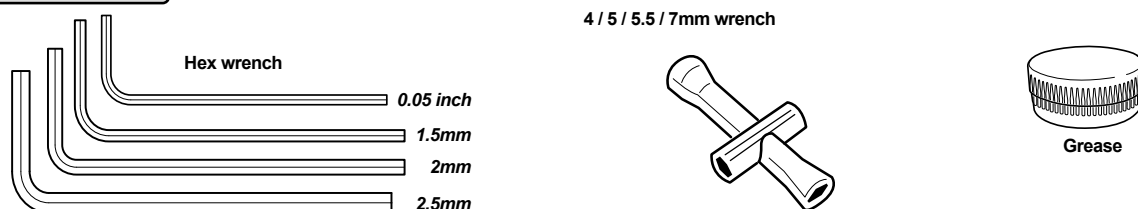
Charger and LiPo Battery



Tools Recommended



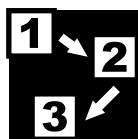
Included items



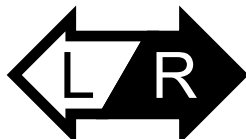
Operation Guide



Assemble front and rear



Assemble in the specified order



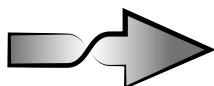
Assemble both left and right sides



Assemble for 2 sets



Assemble for 4 sets



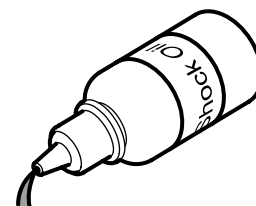
overturn



Thread Locking Compound



Grease



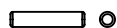
Pure Silicone Oil

Safety Precautions

The SWORKz S14-3 is a high performance radio control model which needs to be operated with caution and common sense.

The S14-3 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.



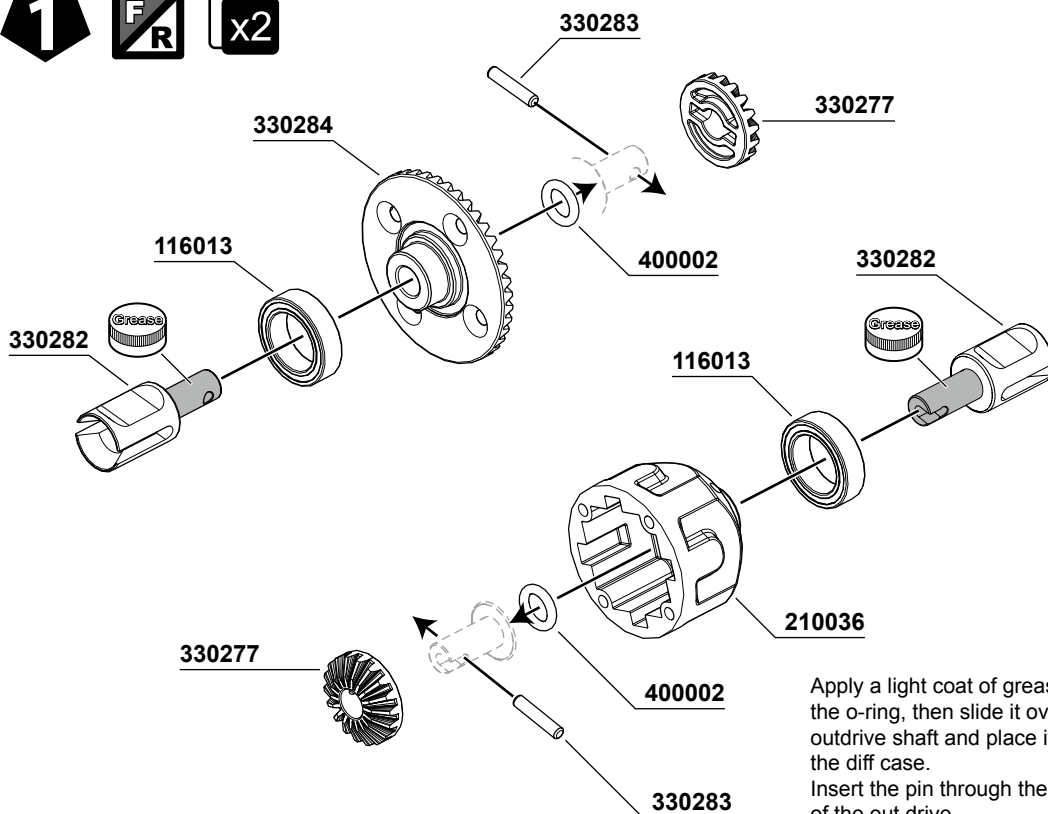
330283
Pin M2x10mm x4



400002
O-ring S5 4.8x1.5 x4



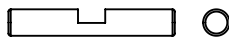
116013
Ball Bearing 10x15x4mm x4



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.



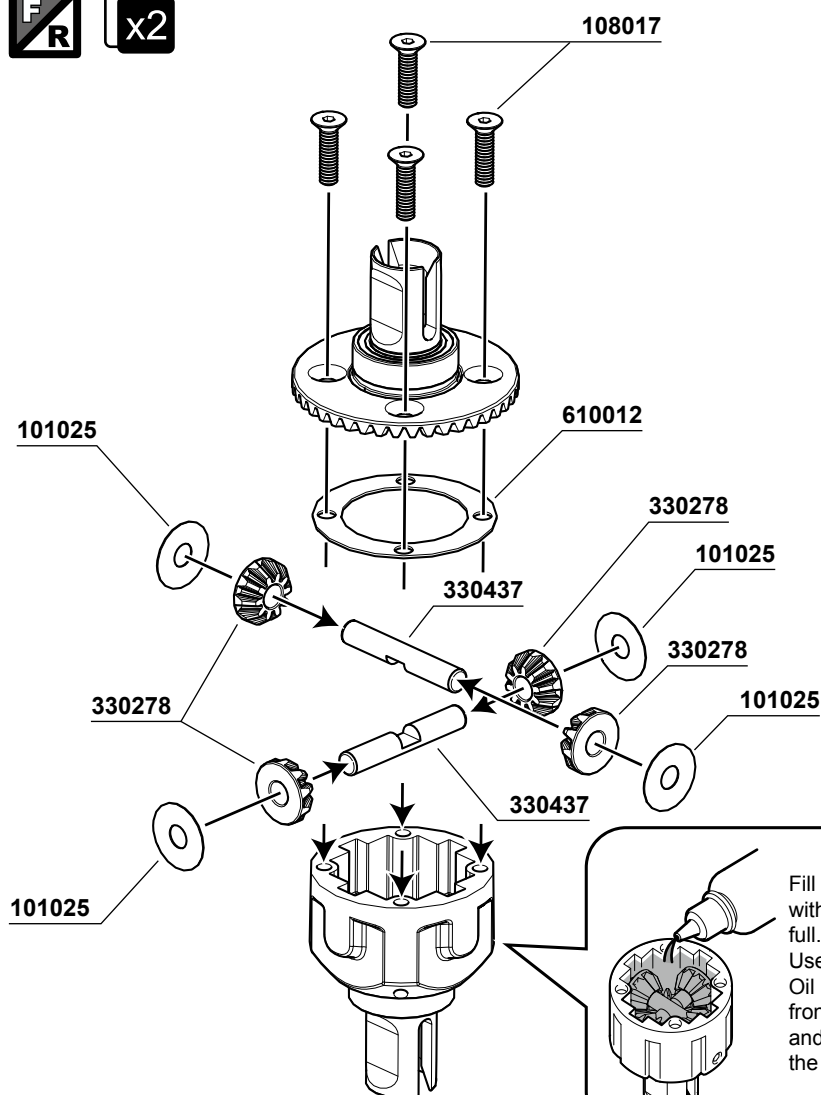
108017
M2.6x10mm FH/ST HEX Screw x8



334037
S14-3 Aluminum Bevel Gear Pin x4



101025
Washer 3.5X10X0.1mm x8

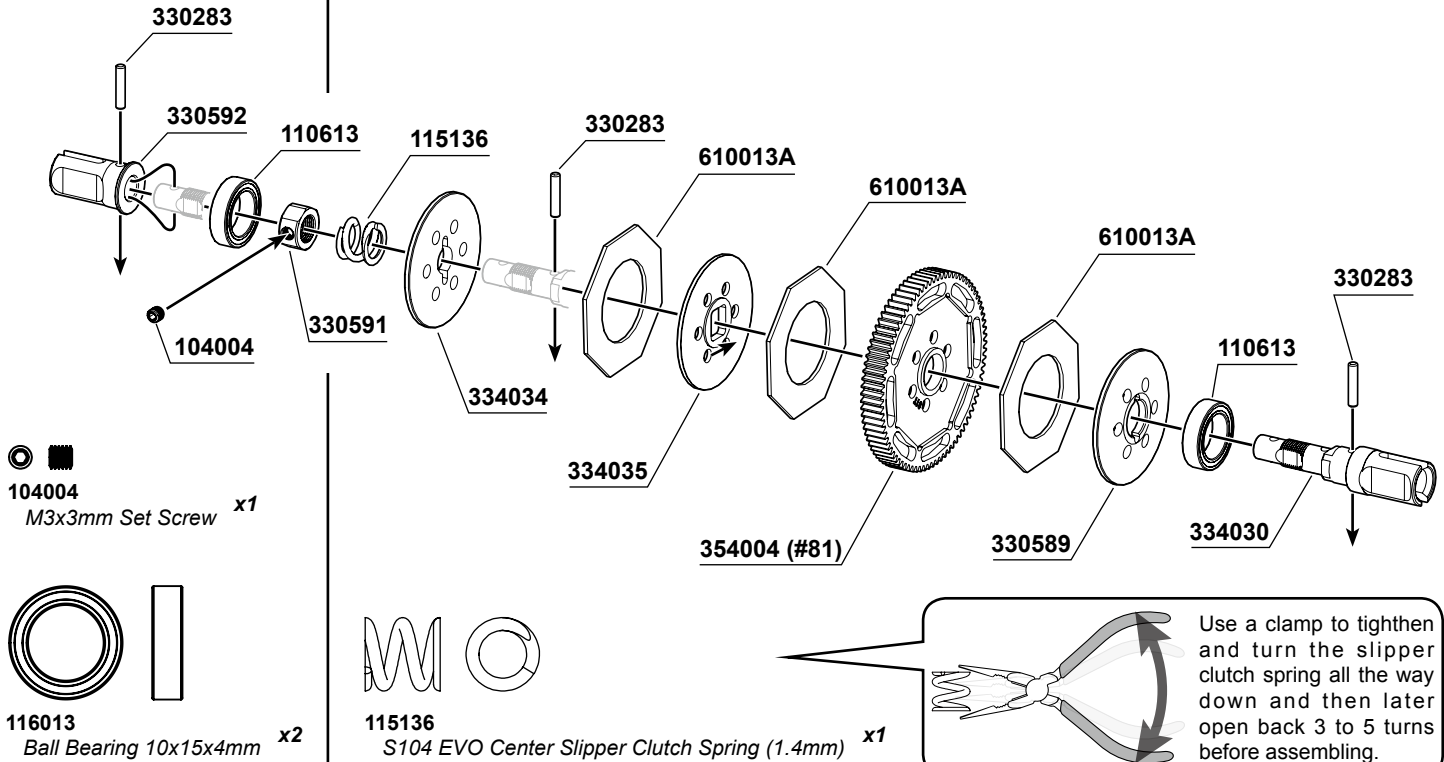


Fill the differentials with oil up to 80% full. Use SWORKz diff. Oil 7000cps for the front Diff. and 5000cps for the rear Diff.

BAG C

3

330283
S104 Pin M2.0x10mm x3



BAG D

4 Front

Pro Tip:
Before installing the M4x4 set screw (104011), remember to clean the set screw and center driver joint (3304003) first. Then apply TLC on the set screw.

104011
M4x4mm Set Screw (Flat Bottom) x1

108001
M3x12mm FH/ST HEX Screw x4

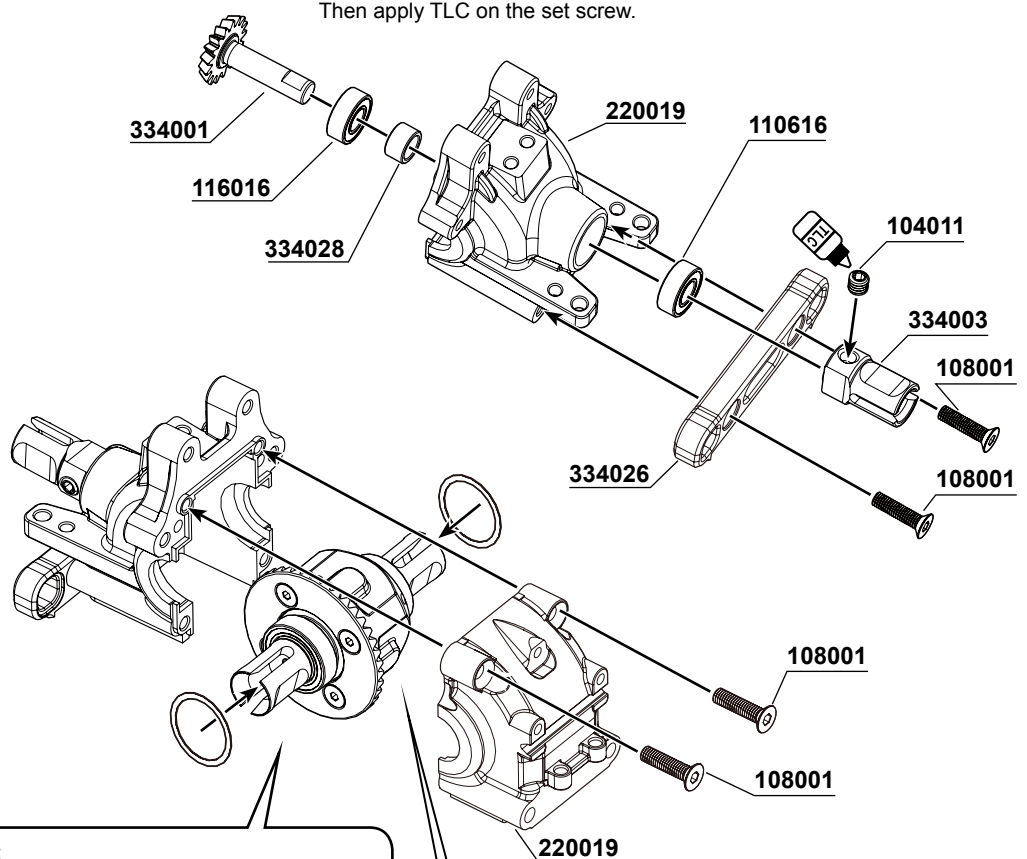
116016
Ball Bearing 5x11x4mm x2

334028
S14-3 Pinion Gear Stopper 5x7x4mm x2

↓ Share with step no.5 ↓

101023
10x12x0.1mm S104 Shim x2

101024
10x12x0.2mm S104 Shim x4





104011
M4x4mm Set Screw (Flat Bottom) **x1**



108001
M3x12mm FH/ST HEX Screw **x4**

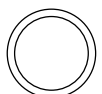


116016
Ball Bearing 5x11x4mm **x2**

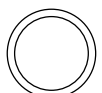


334028
S14-3 Pinion Gear Stopper 5x7x4mm **x2**

↓ Share with step no.4 ↓



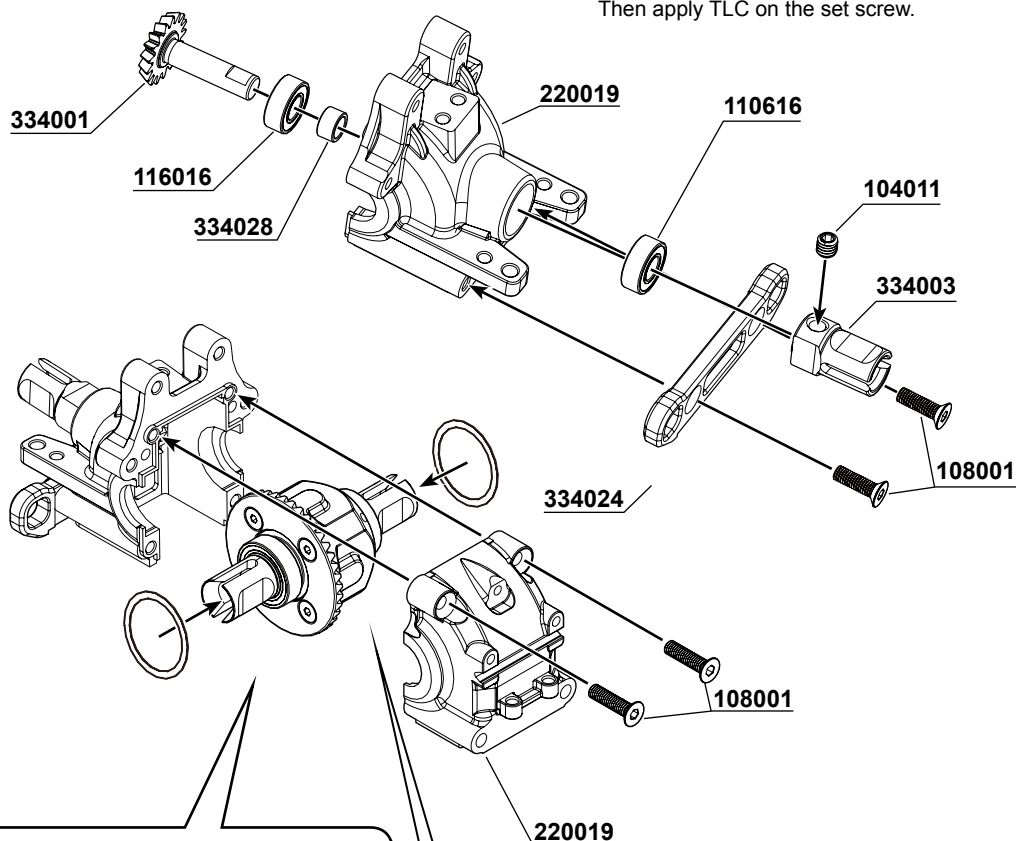
101023
10x12x0.1mm S104 Shim **x2**



101024
10x12x0.2mm S104 Shim **x4**

5 Rear

Pro Tip:
Before installing the M4x4 set screw (104011), remember to clean the set screw and center driver joint (334003) first. Then apply TLC on the set screw.



Note:
SHIM
Please use 10x12x0.1mm (101023) or 10x12x0.2mm (101024) shims to adjust the play between the crown gear and pinion gear.

Apply a light coat of grease to the crown gear before assembly the gear box.

BAG E

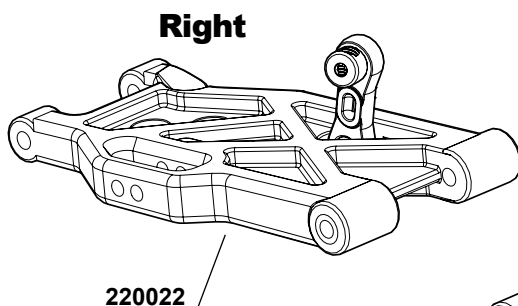


330315
Sway Bar Ball Stud **x2**

6 Front

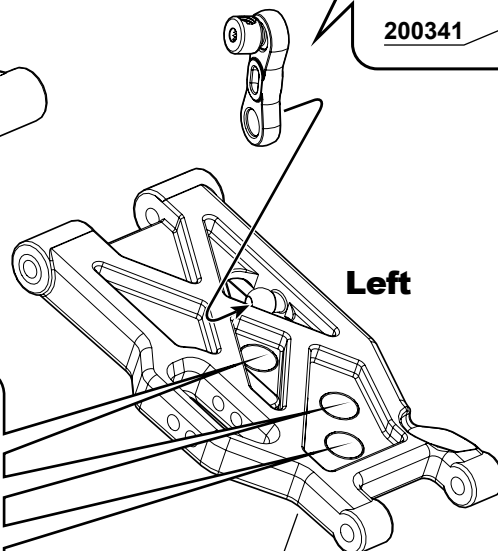


x2



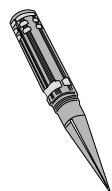
Right

220022



Left

220022



You can use a body reamer to drill holes on the lower arms (the round note positions), that will change the stiffness/flex for the arms. The more holes gives the arms more flex.

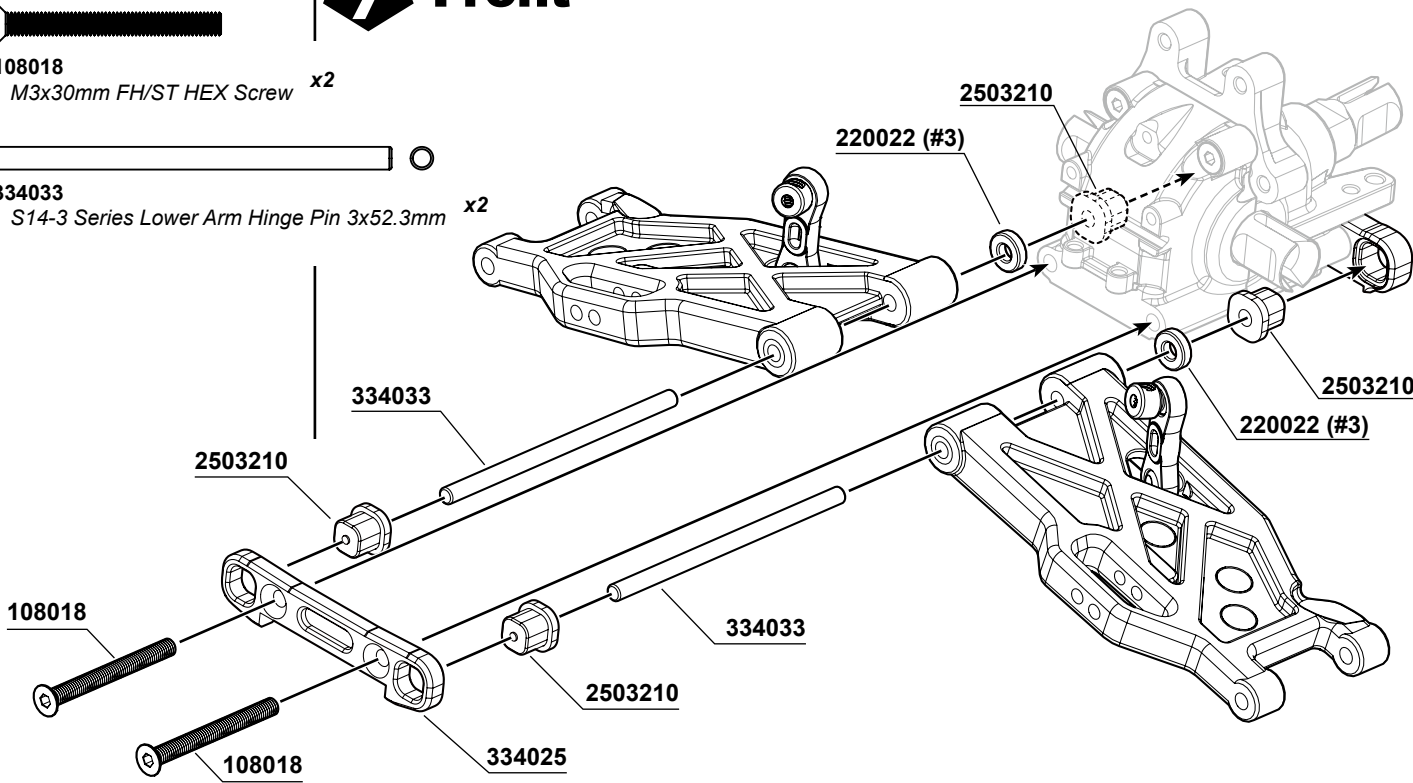
330315

200341

7 Front

108018
M3x30mm FH/ST HEX Screw x2

334033
S14-3 Series Lower Arm Hinge Pin 3x52.3mm x2

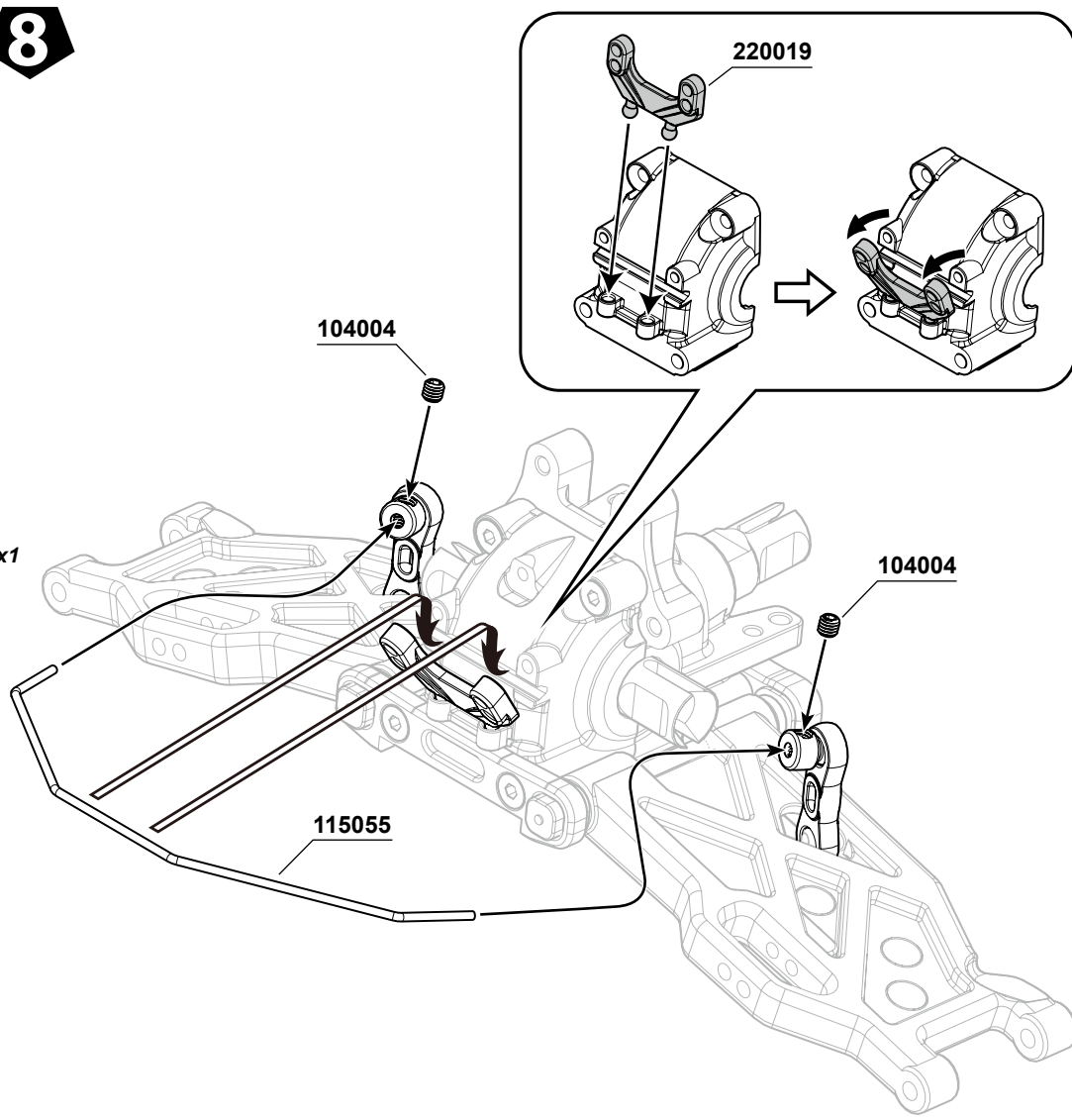
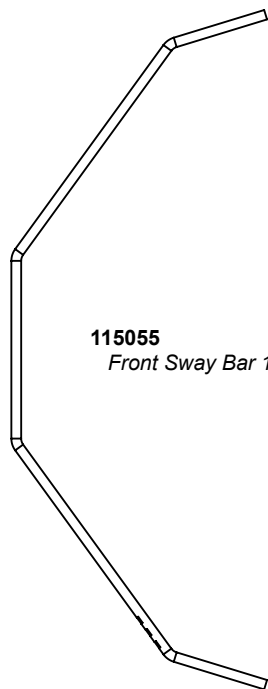


BAG E

8

104004
M3x3mm Set Screw x2

115055
Front Sway Bar 1.3mm x1



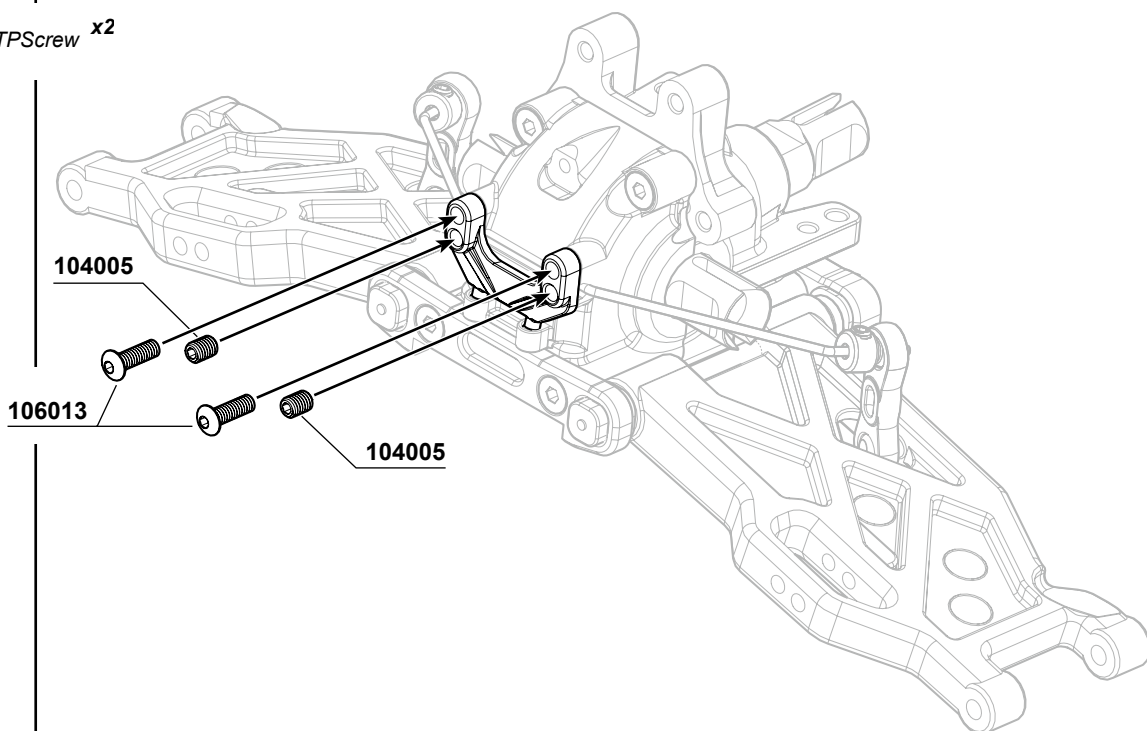
9



106013
M2.5x8mmH ex Socket OH/TPScrew **x2**



104005
M3x4mm Set Screw **x2**



BAG E

10

106002

106002

344005

106001

2501801

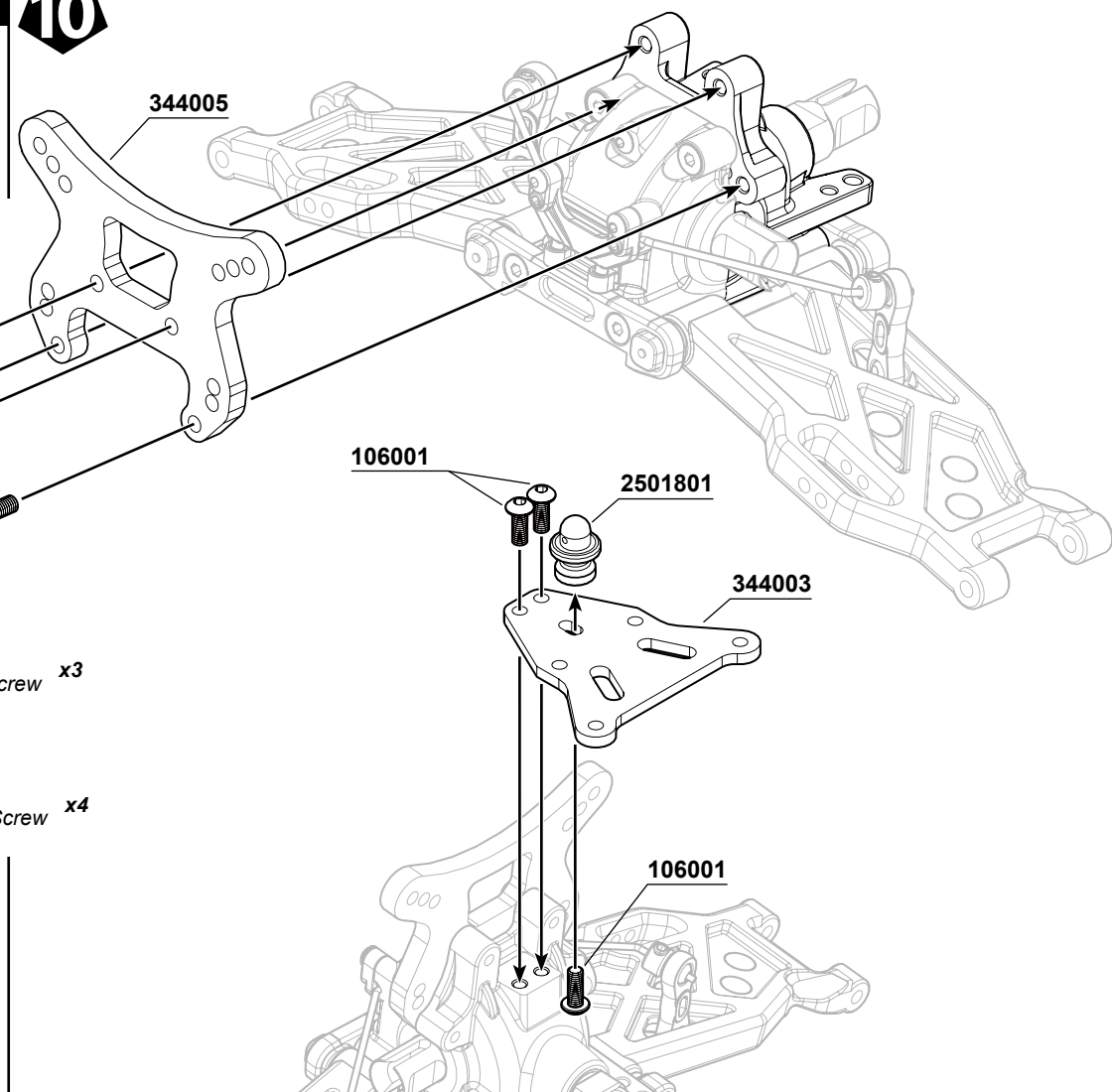
344003



106001
M3x8mm Hex Socket OH/TP Screw **x3**



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

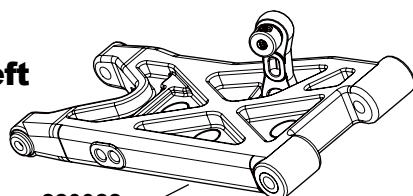




330315
Sway Bar Ball Stud **x2**

11 Rear **x2**

Left



220022



You can use a body reamer to drill holes on the lower arms (the round note positions), that will change the stiffness/flex for the arms. The more holes gives the arms more flex.



330315



200341

220022

Right

BAG E

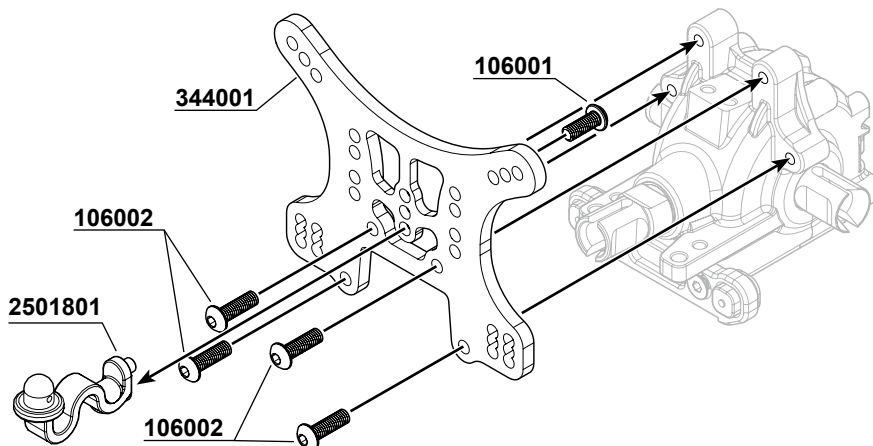
12



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



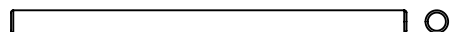
106002
M3x10mm Hex Socket OH/TP Screw **x4**



13

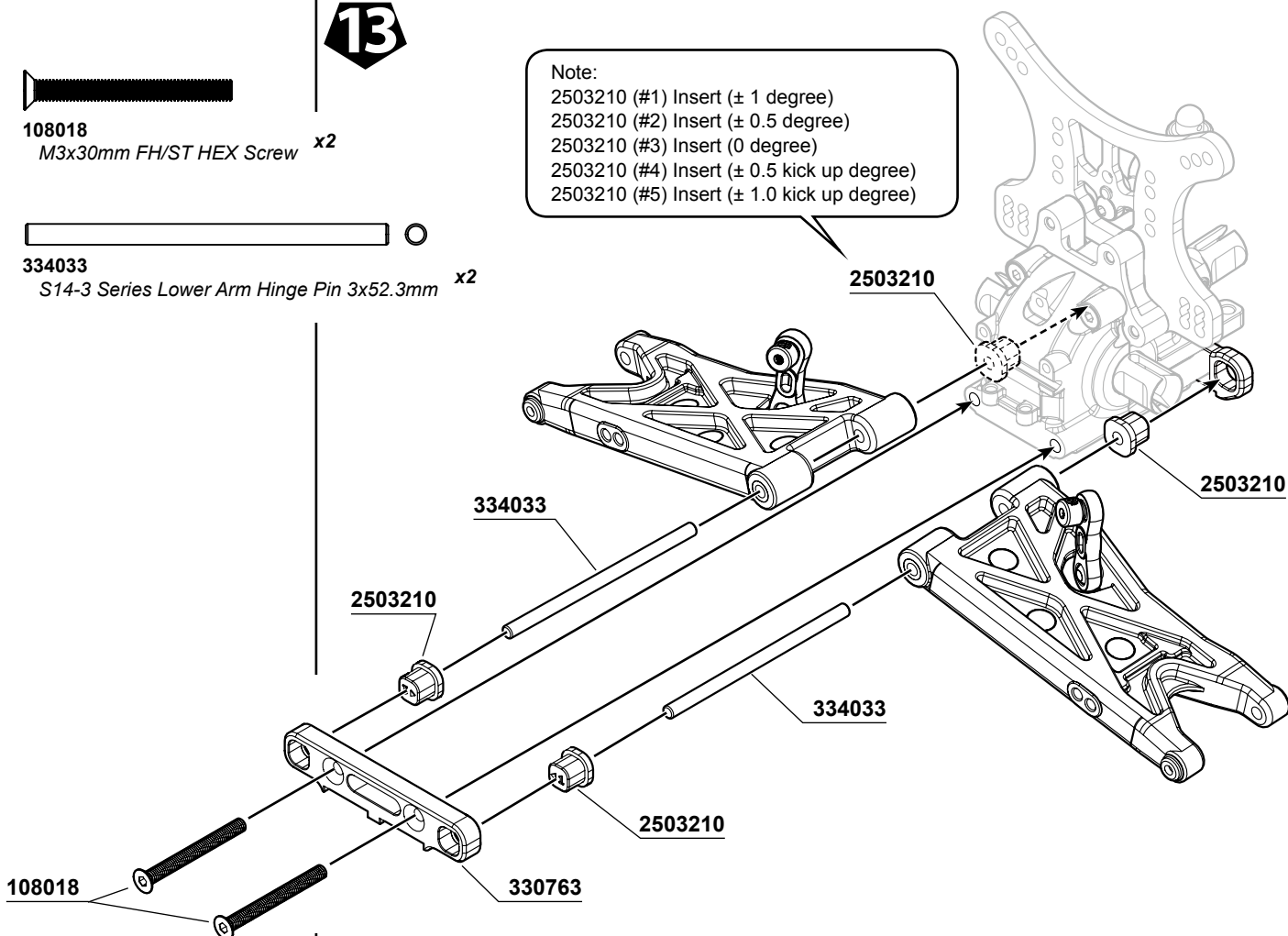


108018
M3x30mm FH/ST HEX Screw **x2**



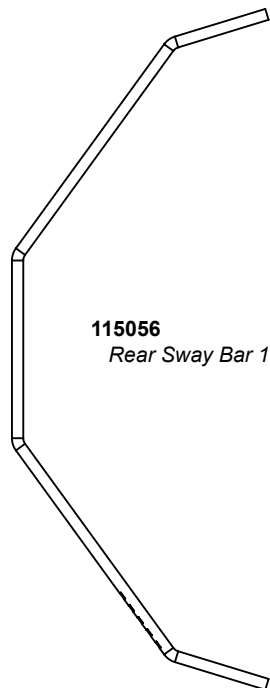
334033
S14-3 Series Lower Arm Hinge Pin 3x52.3mm **x2**

Note:
2503210 (#1) Insert (± 1 degree)
2503210 (#2) Insert (± 0.5 degree)
2503210 (#3) Insert (0 degree)
2503210 (#4) Insert (± 0.5 kick up degree)
2503210 (#5) Insert (± 1.0 kick up degree)





104004
M3x3mm Set Screw x2

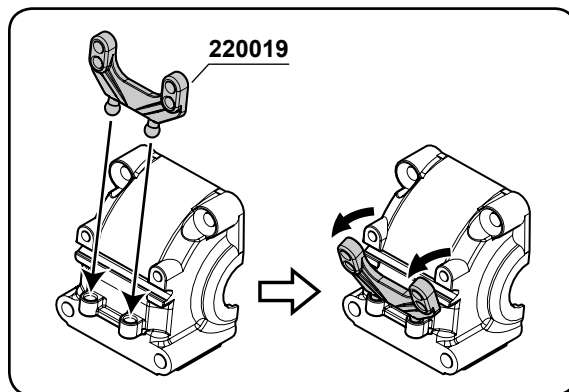


115056
Rear Sway Bar 1.5mm x1

104004

115056

220019



104004



104005
M3x4mm Set Screw x2



106013
M2.5x8mmH ex Socket OH/TPScrew x2



106002
M3x10mm Hex Socket OH/TP Screw x2

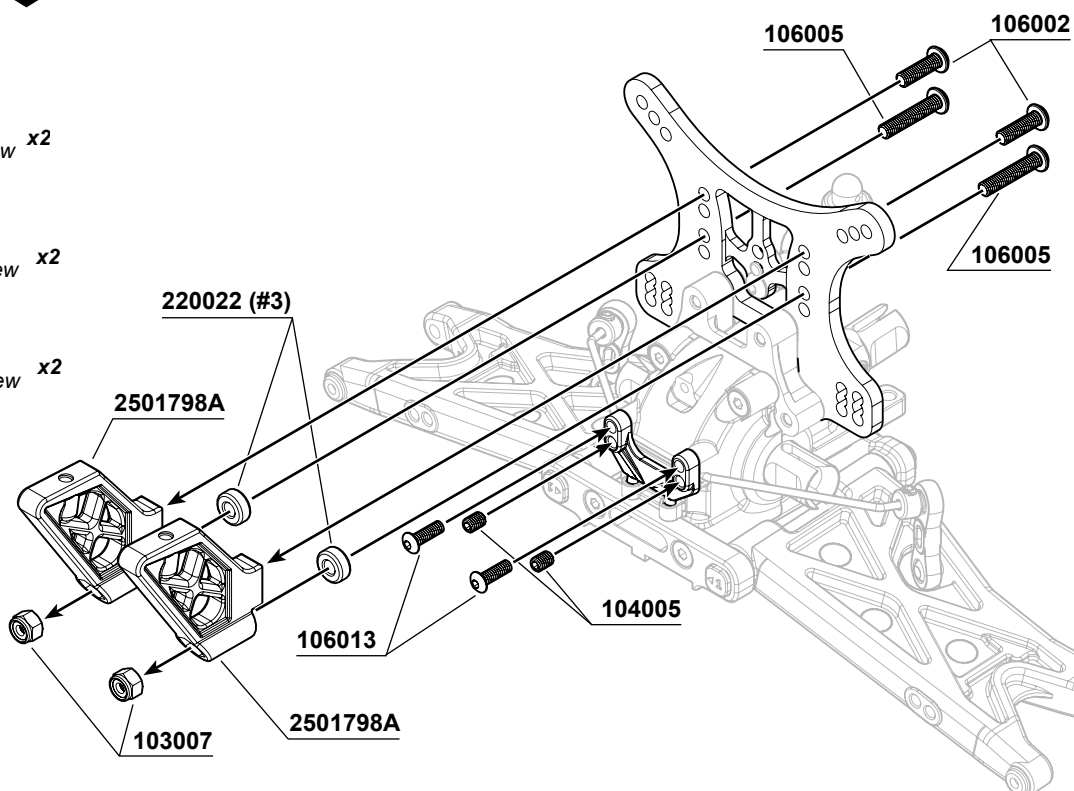


106005
M3x15mm Hex Scket OH/TP Screw x2



103007
M3mm Nut Lock Thim (BK) x2

15



106005

106002

106005

220022 (#3)

2501798A

104005

106013

2501798A

103007

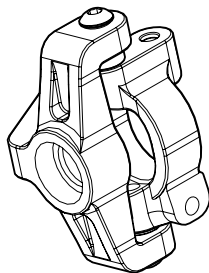


106008
M3x12mm Hex Scket OH/TP Screw x2



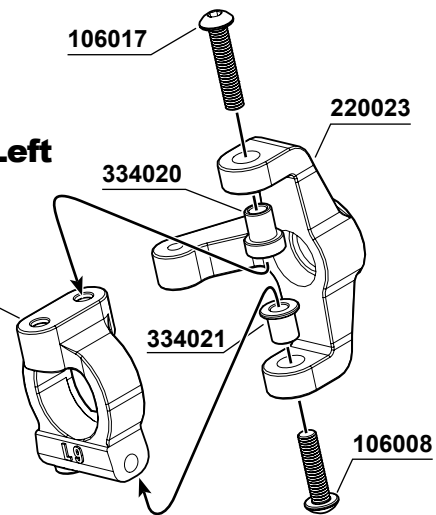
106017
M3x14mm Hex Scket OH/TP Screw x2

Right



Left

220024-9
or
220024-11



220024-9 SWORKz 1/10 S14-3 Front C Hub Set (9 Degree)
220024-11 SWORKz 1/10 S143C Front C Hub Set (11 Degree)



116010
Ball Bearing 5x10x4mm x2



116016
Ball Bearing 5x11x4mm x2



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



330283
S104 Pin M2.0x10mm x2



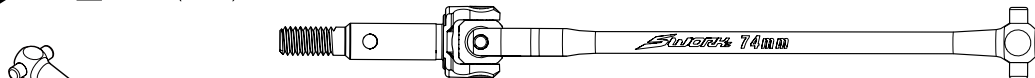
334029
S14-3 Wheel Hub Ball Bearing Stopper 5x7x1mm x2

17

1 2 3

L R

x2

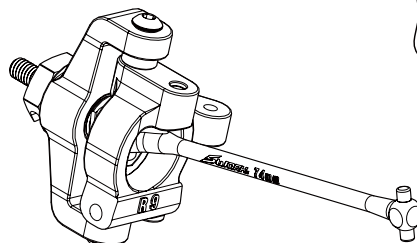


Left

214001
S14-3 Axle Universal Cross Drive Shaft Set 74mm x2

214001

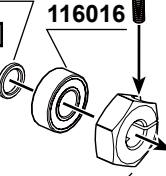
116010



Right

106014

334029



334010

18

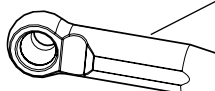
L R

x2



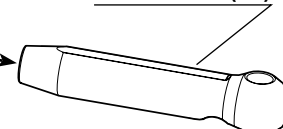
330155
Steering Servo Turnbuckle M3x30mm x2

2502401BK (#4)



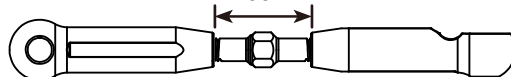
330155

2502401BK (#5)



1:1

12.65mm





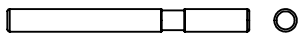
104005
M3x4mm Set Screw x2



103007
M3mm Nut Lock Thim (BK) x2



101026
S102 Aluminum Washer 3X6X1.5mm x4



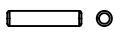
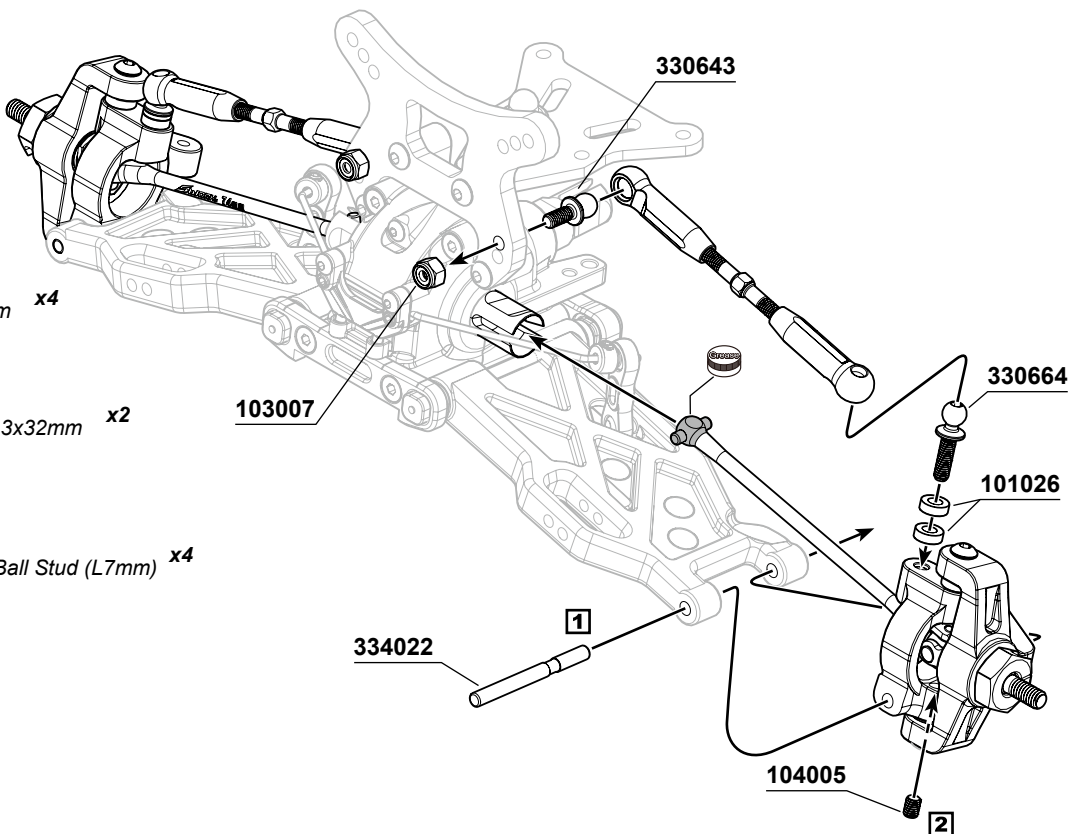
334022
S14-3 Series Lower Arm Hinge Pin 3x32mm x2



330643
S104 EVO Steering Linkage 5mm Ball Stud (L7mm) x4



330664
S102 5mm Ball Stud (L10mm) x2



330283
S104 Pin M2.0x10mm x2



116010
Ball Bearing 5x10x4mm x2



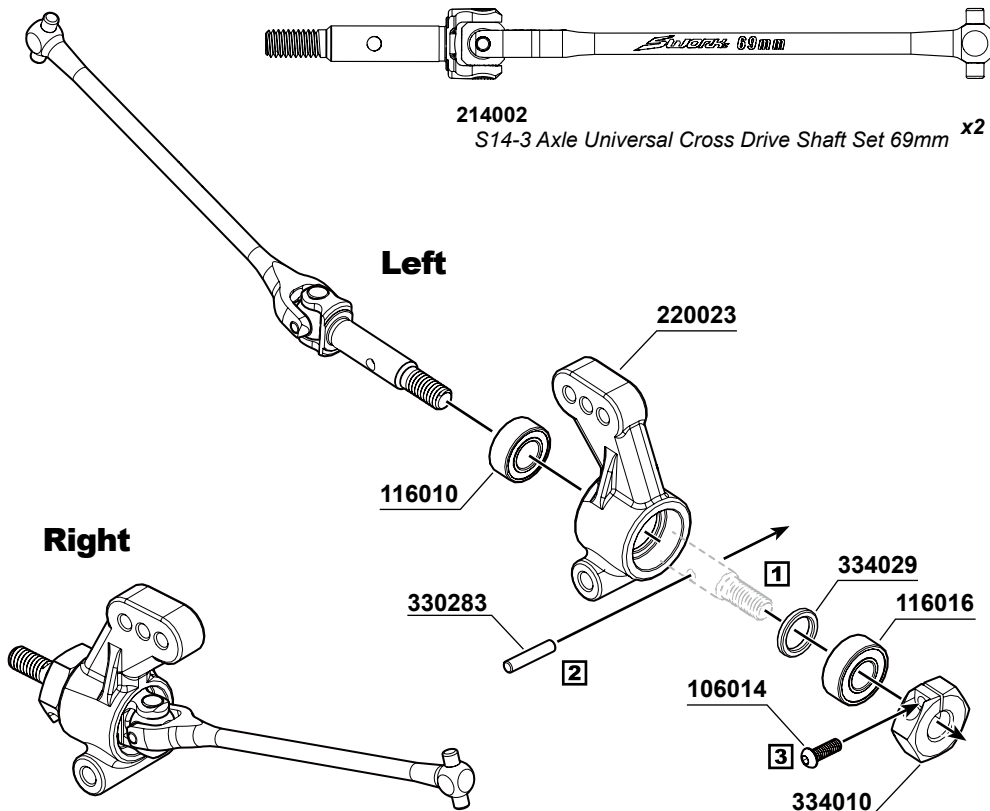
116016
Ball Bearing 5x11x4mm x2



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

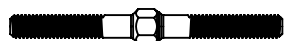


334029
S14-3 Wheel Hub Ball Bearing Stopper 5x7x1mm x2



BAG F

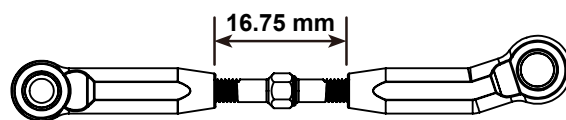
21  **x2**



330155
Rear Upper Sus. Arm Turnbuckles

x2

2502401BK (#4)



16.75 mm

330155

2502401BK (#10 #11)

1:1



106020
M2.5x5mm Hex Socket OH/TP Screw

x2

22  **x2**



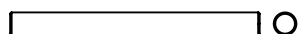
103007
M3mm Nut Lock Thim (BK)

x2



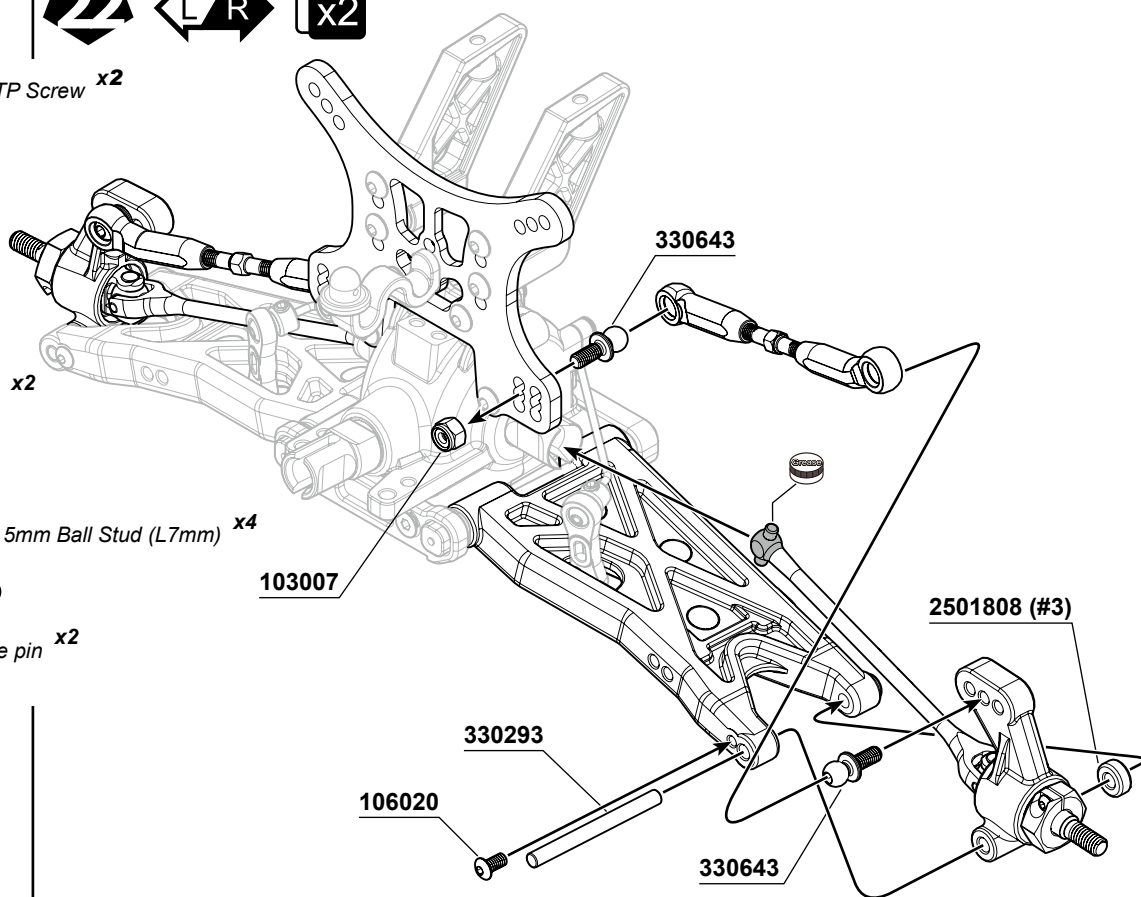
330643
S104 EVO Steering Linkage 5mm Ball Stud (L7mm)

x4



330293
S104 Rear Hub Carrier Hinge pin

x2



BAG G

23



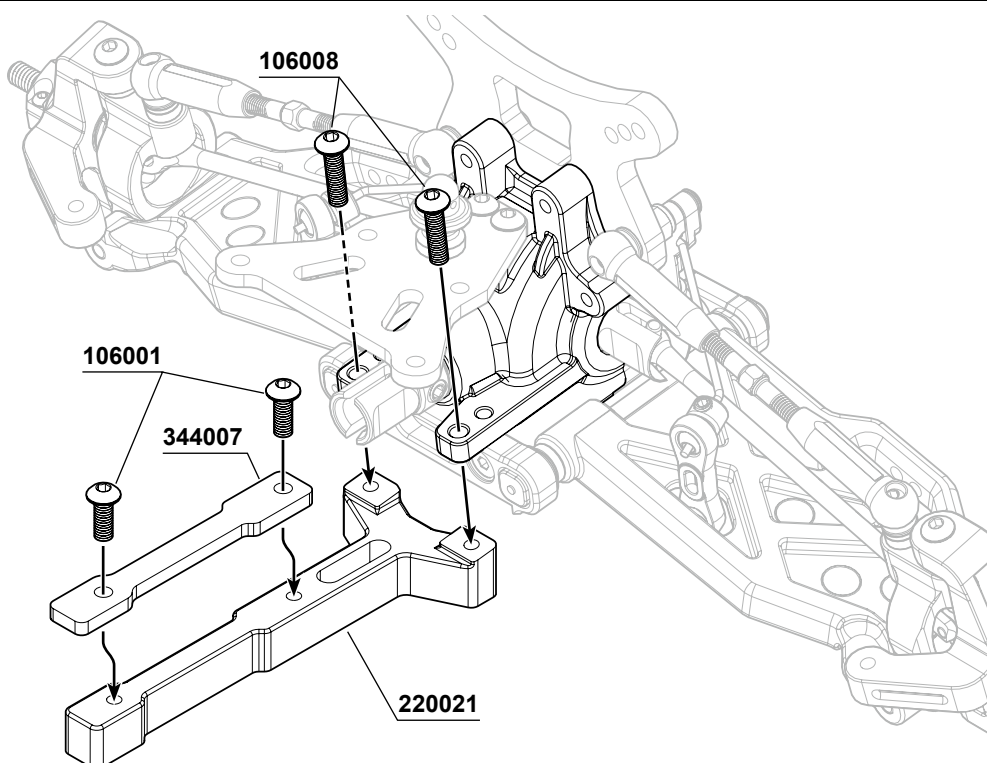
106001
M3x8mm Hex Socket OH/TP Screw

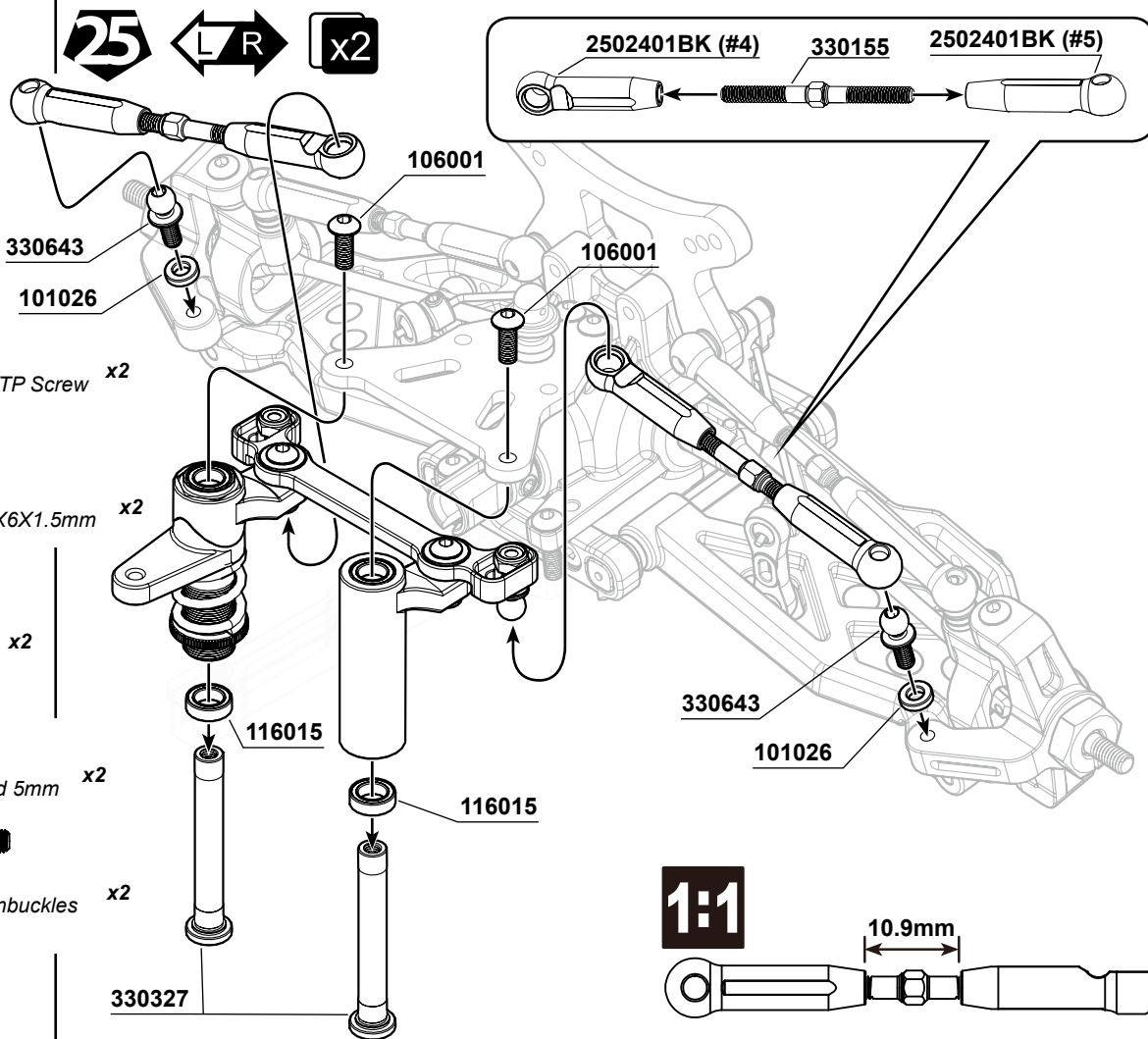
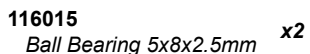
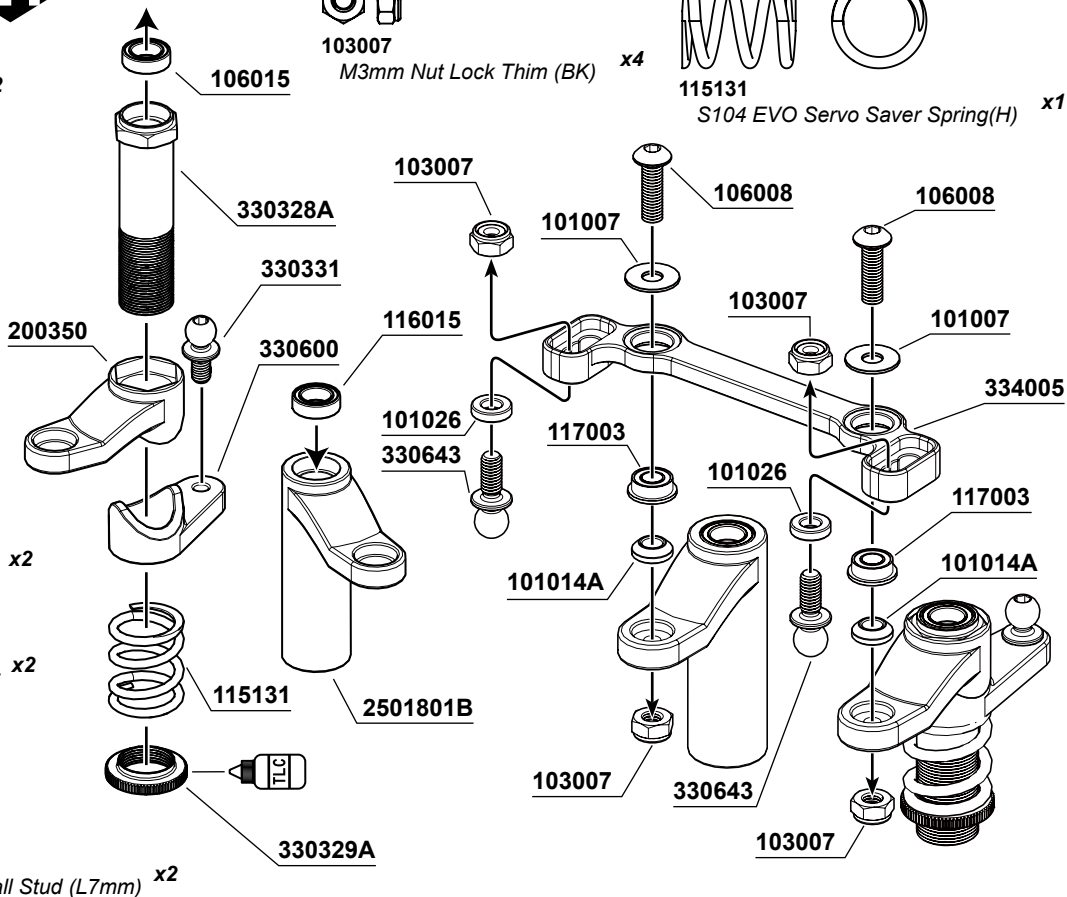
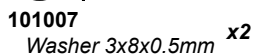
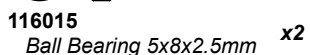
x2



106008
M3x12mm Hex Socket OH/TP Screw

x2



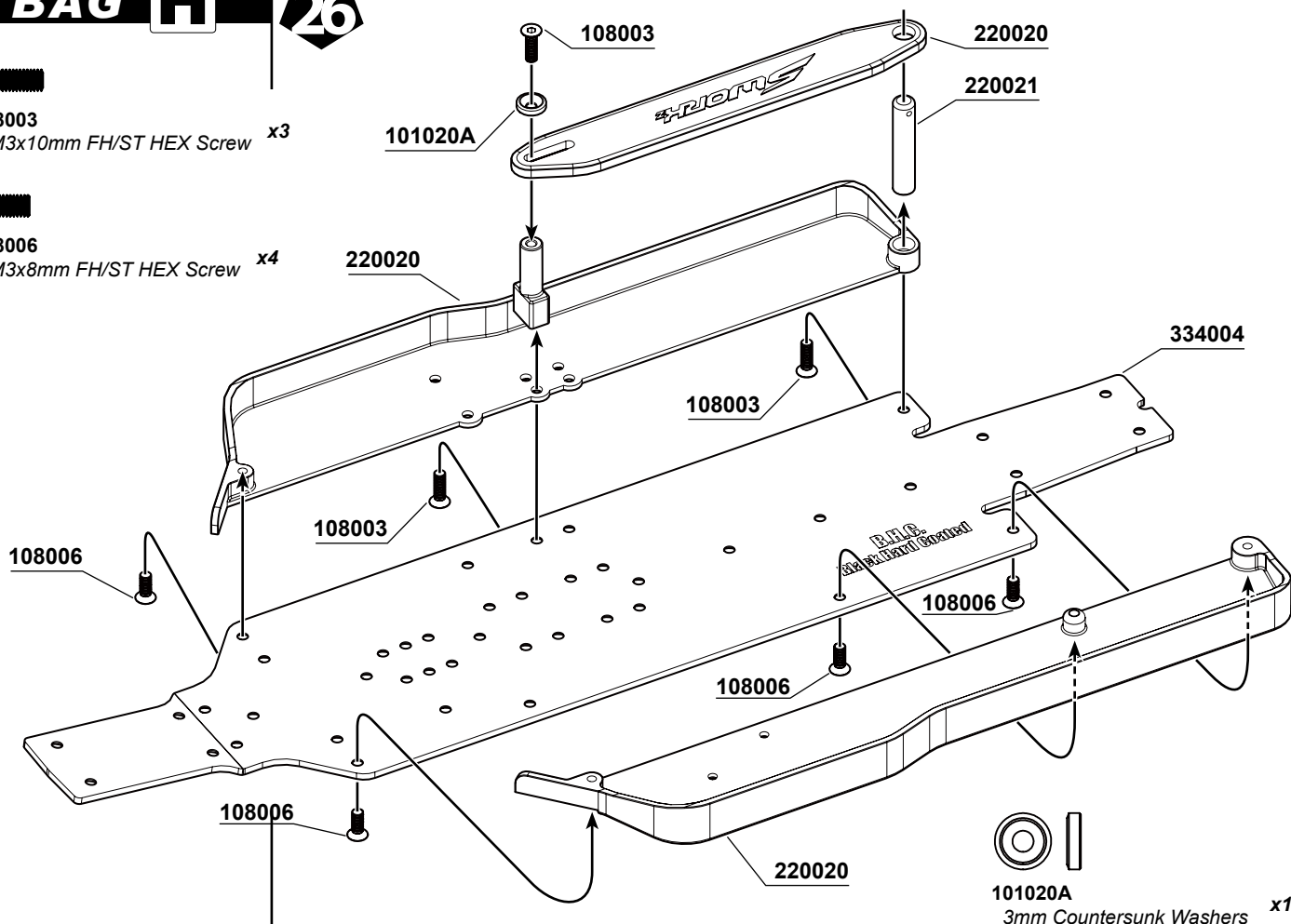




108003
M3x10mm FH/ST HEX Screw x3



108006
M3x8mm FH/ST HEX Screw x4



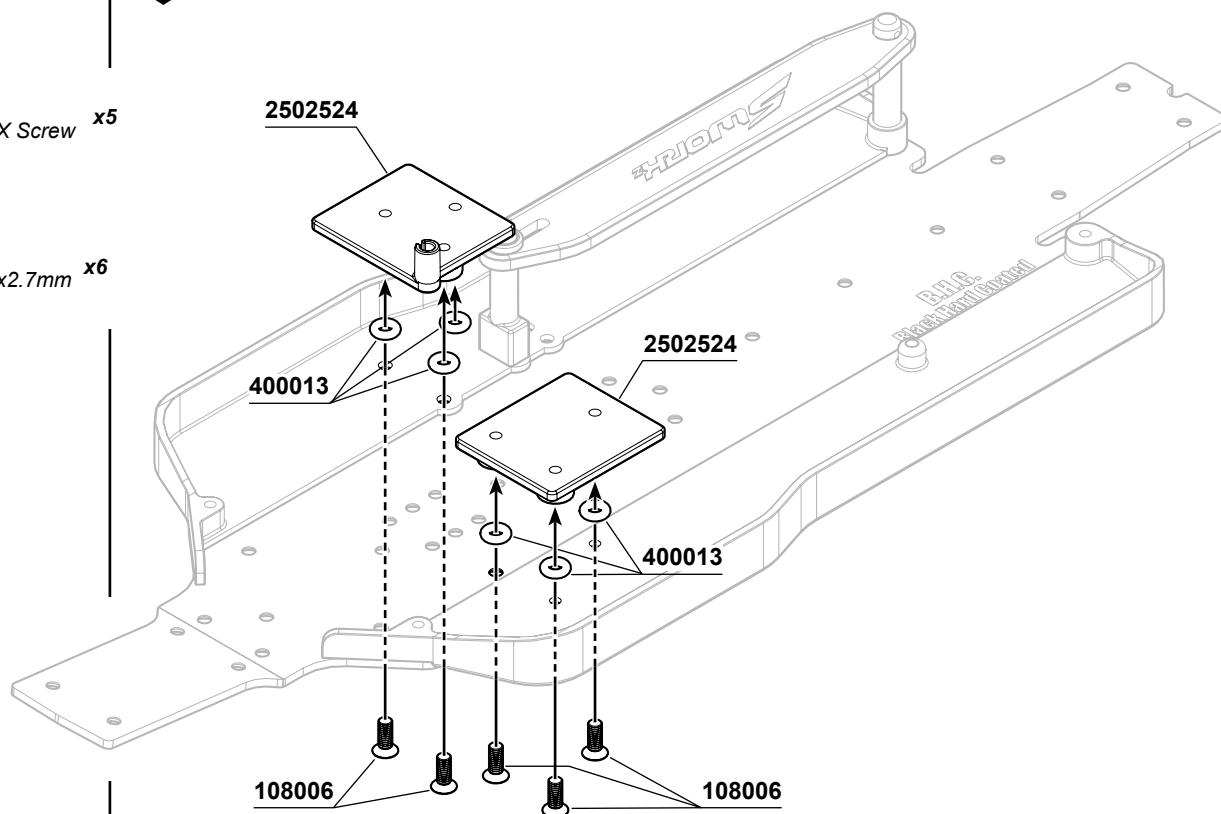
101020A
3mm Countersunk Washers x1



108006
M3x8mm FH/ST HEX Screw x5



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





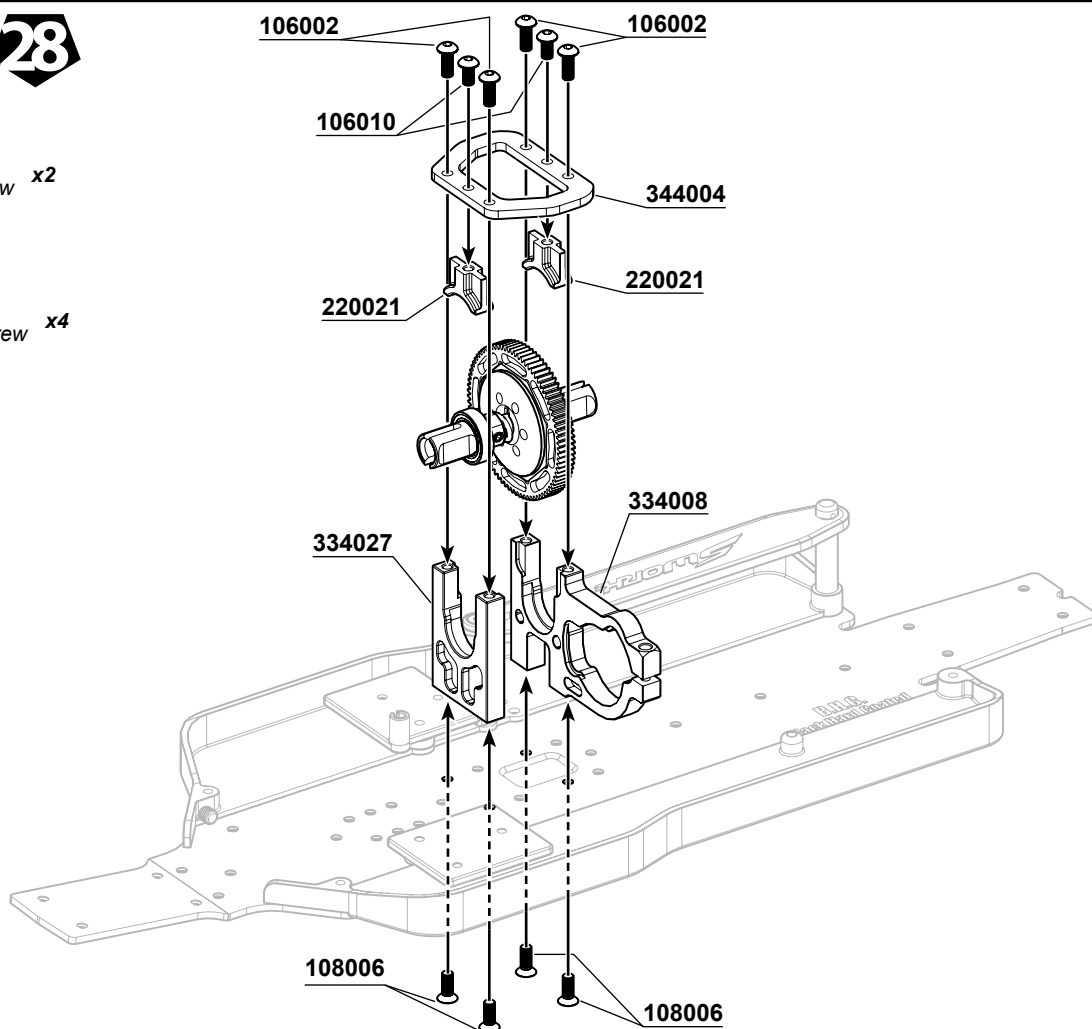
106010
M3x6mm Hex Socket OH/TP Screw x2



106002
M3x10mm Hex Socket OH/TP Screw x4



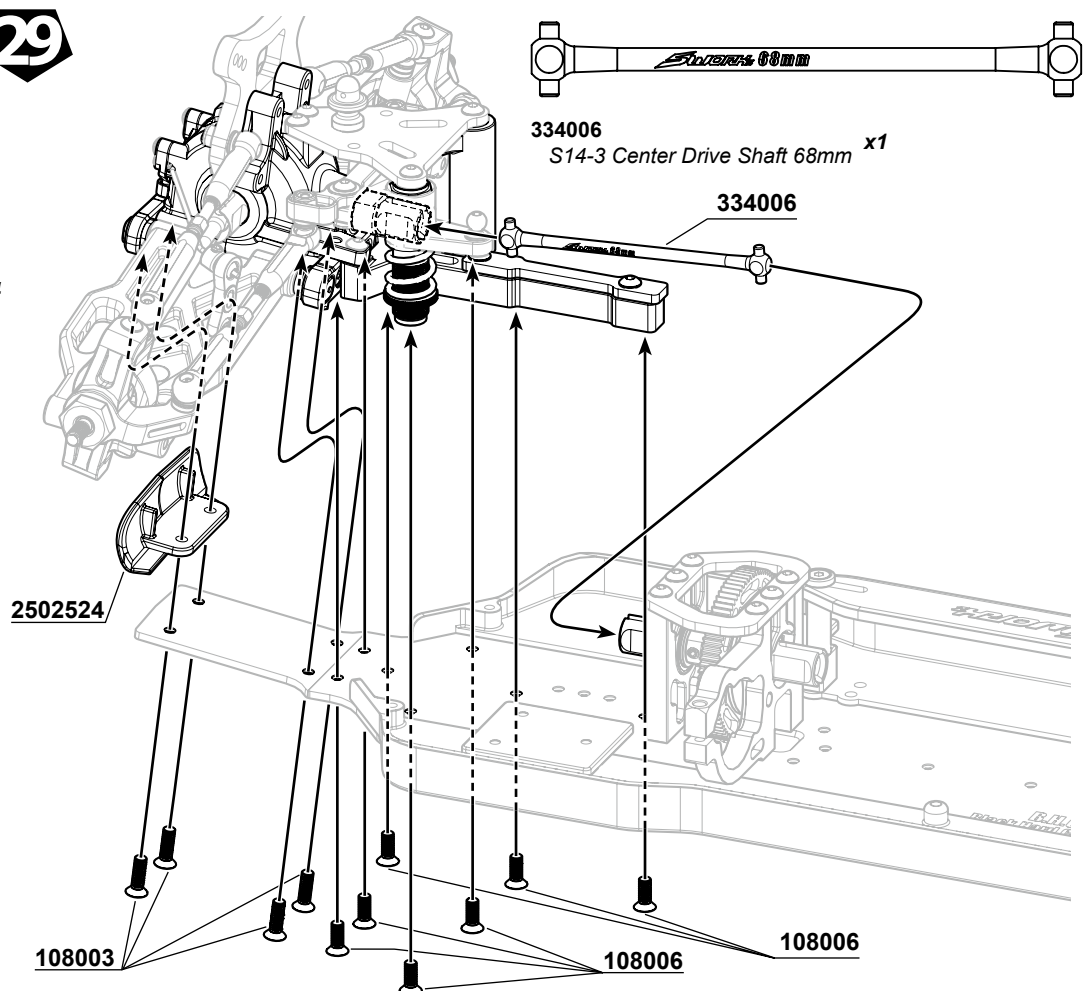
108006
M3x8mm FH/ST HEX Screw x4



108006
M3x8mm FH/ST HEX Screw x7



108003
M3x10mm FH/ST HEX Screw x4





334007
S14-3 Center Drive Shaft 102.5mm **x1**



106001
M3x8mm Hex Socket OH/TP Screw **x3**



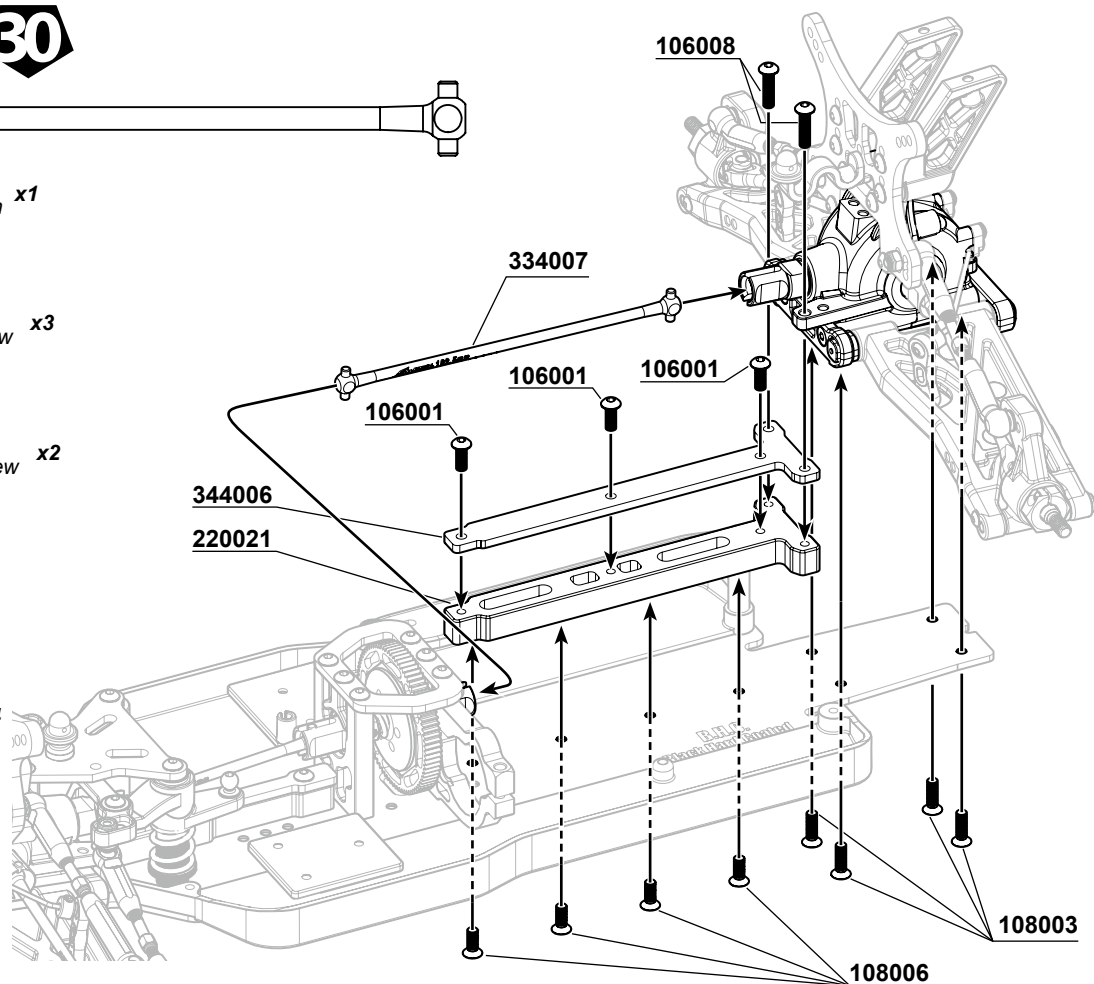
106008
M3x12mm Hex Scket OH/TP Screw **x2**



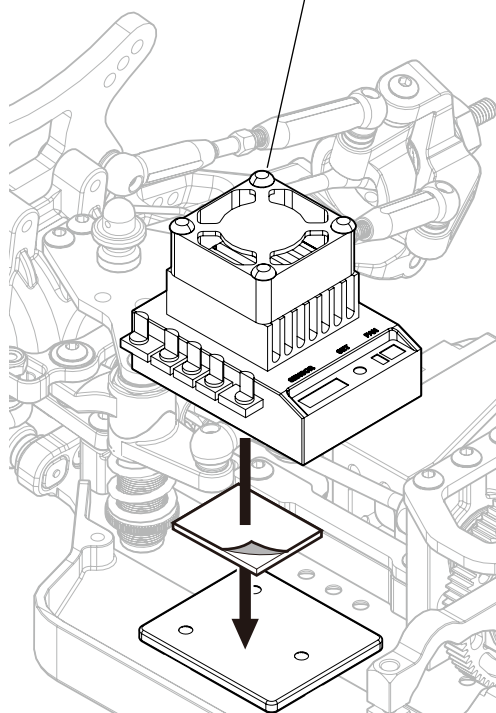
108006
M3x8mm FH/ST HEX Screw **x4**



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

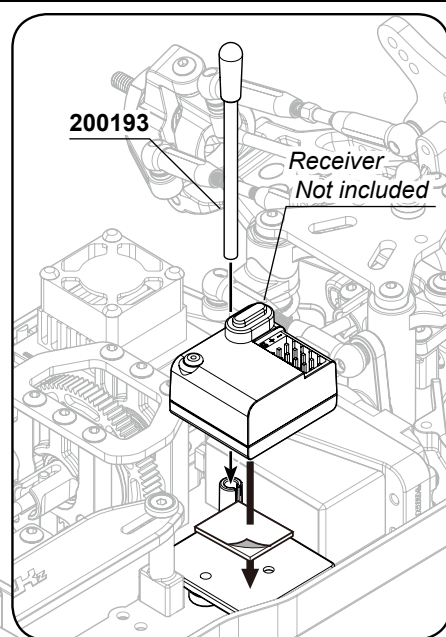


ESC Not included



200193

Receiver
Not included



BAG H

32

104004
M3x3mm Set Screw x1



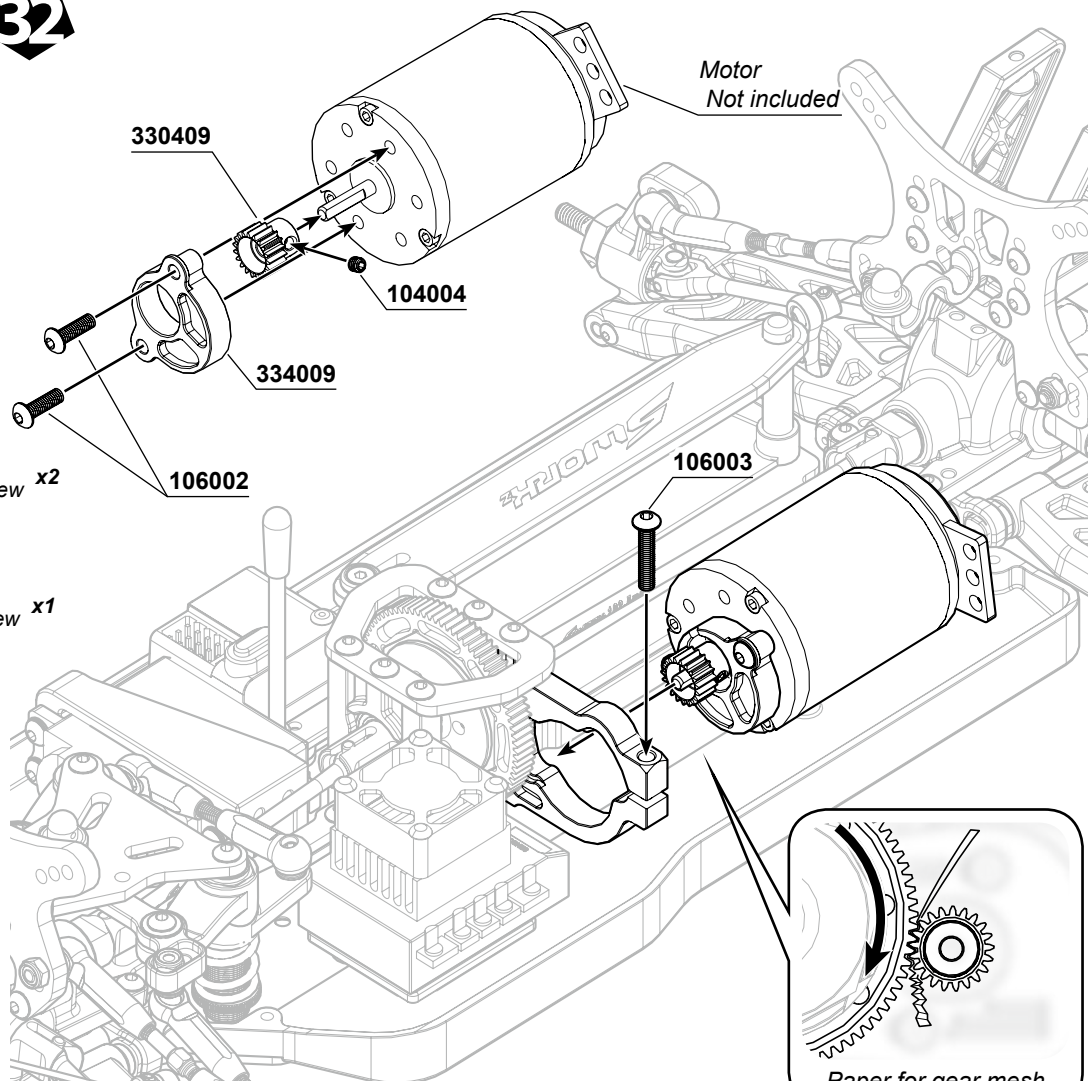
106002
M3x10mm Hex Socket OH/TP Screw x2



106003
M3x16mm Hex Socket OH/TP Screw x1



330409
S104 Motor Gear 19T x1



BAG I

33



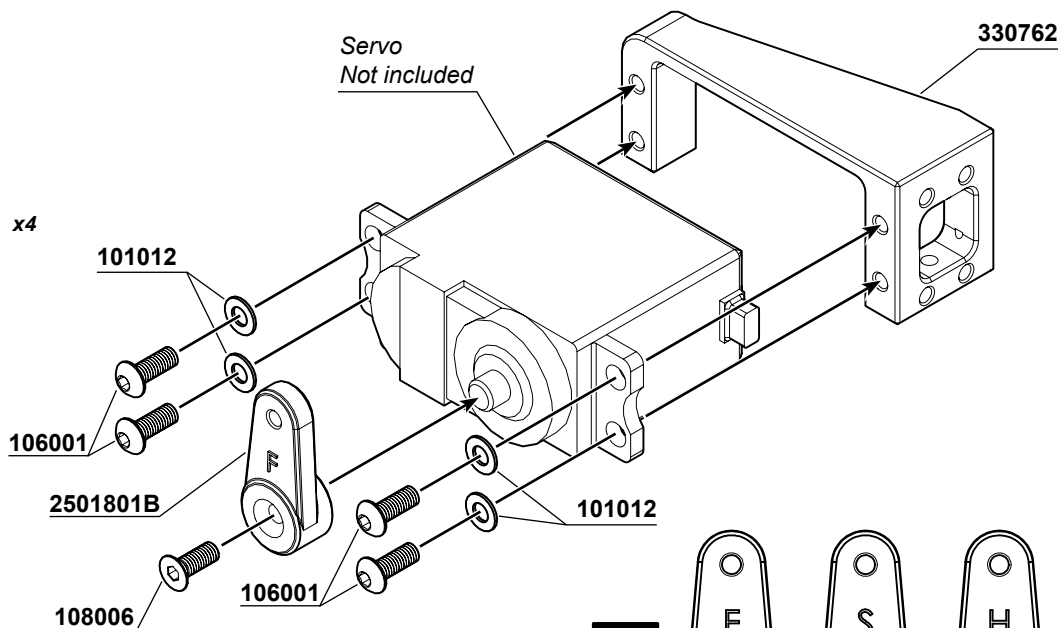
108006
M3x8mm FH/ST HEX Screw x1



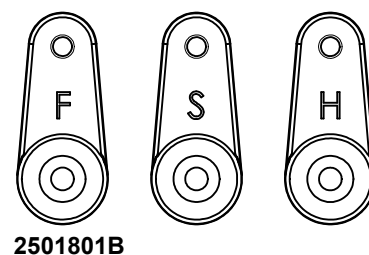
106001
M3x8mm Hex Socket OH/TP Screw x4



101012
Washer M3x6xT0.5mm x4



1:1





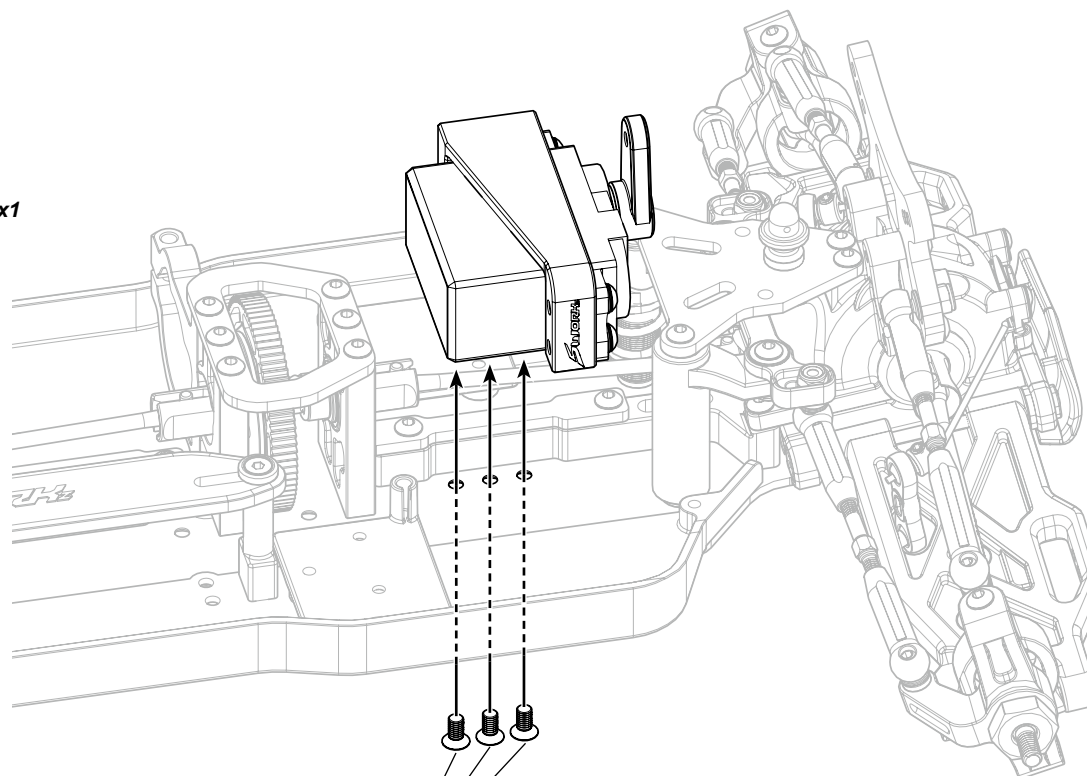
108007
M3x6mm FH/ST HEX Screw x3



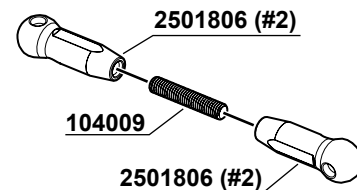
330331
Steering Linkage Ball Stud 5mm x1



104009
M3x16mm Set Screw x1



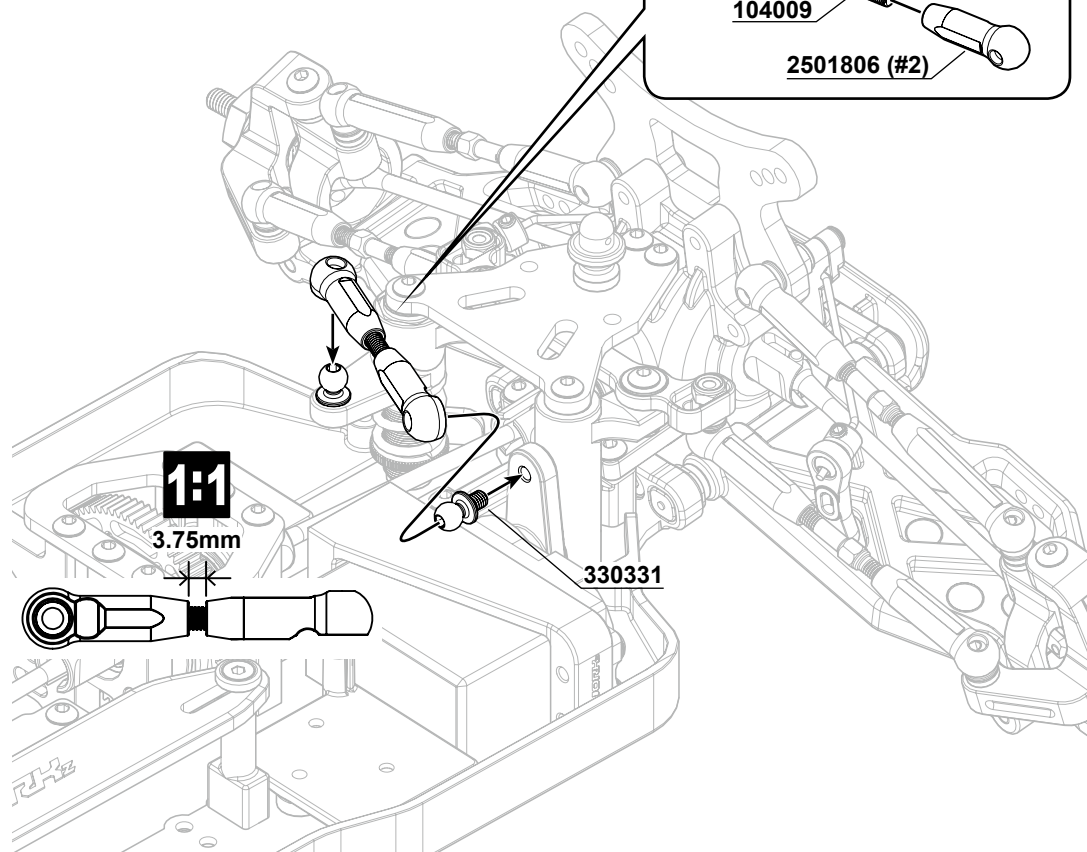
108007



2501806 (#2)

104009

2501806 (#2)



1:1

3.75mm

330331



101011
Shock Washer 2.6x6x0.5mm x4

214003
Shock seal washer 3.0x6.5x2.0mm x8

214003
Shock Seal O-ring 2x2.7mm (M) x8

334018
Shock Shaft L x2

334019
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

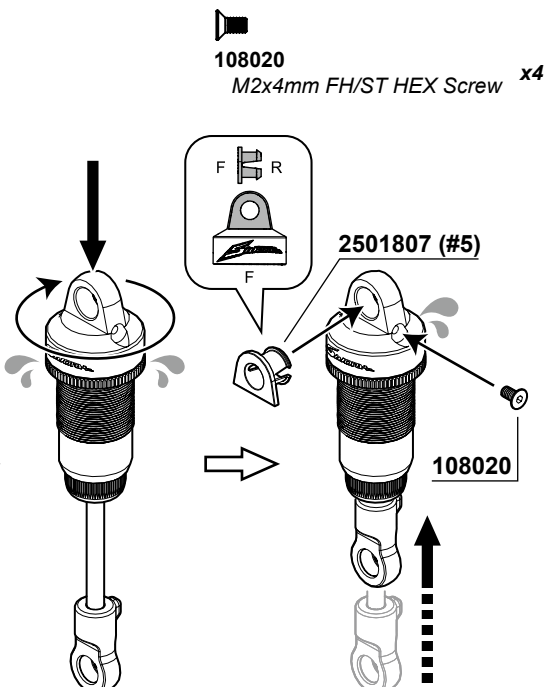
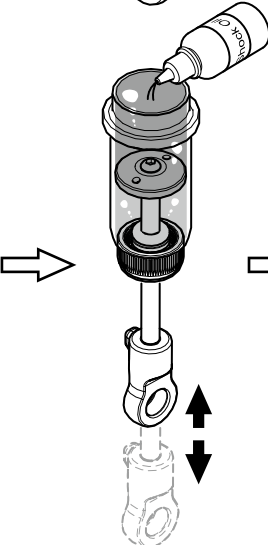
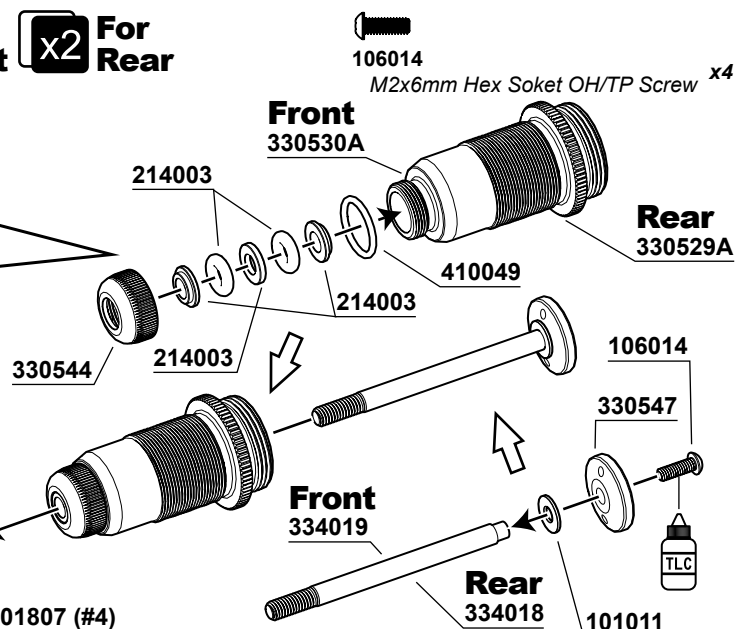
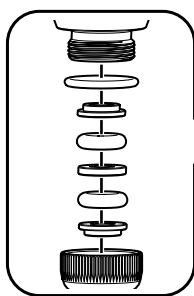
330544
Aluminum Shock Seal Cover x4

214003
Shock seal washer 3.0x6.5x0.7mm x4

330547
Shock Piston 1.5mmx2 holes x4

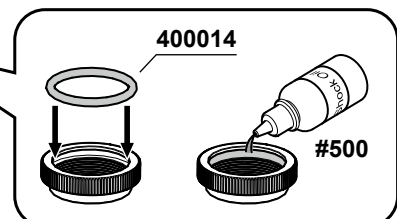
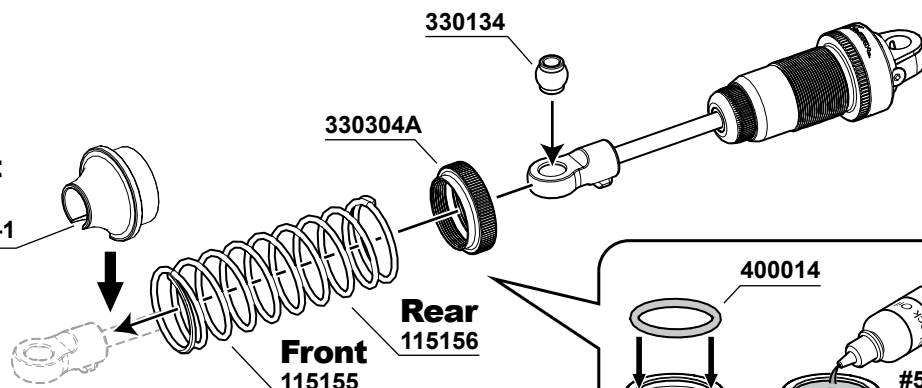
330134
Shock Ball Stud x4

330304A
Aluminum Shock Spring Adjust Nut x4



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

Front
Rear
220023-1





108001
M3x12mm FH/ST HEX Screw

x4



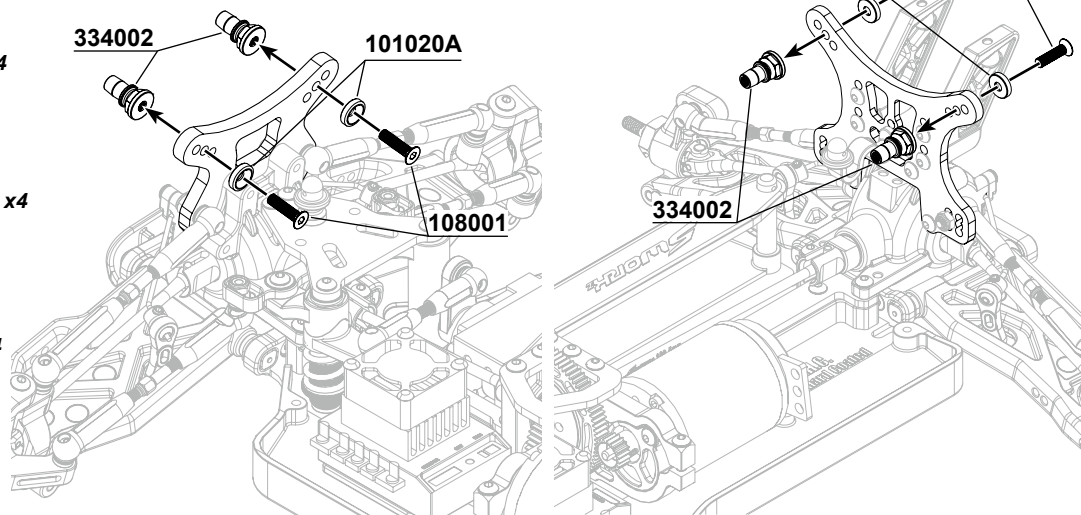
101020A
3mm Countersunk Washers (RD)

x4



334002
S14-3 Aluminum Shock Stud

x4



108006
M3x8mm FH/ST HEX Screw

x4



106005
M3x15mm Hex Scket OH/TP Screw

x2



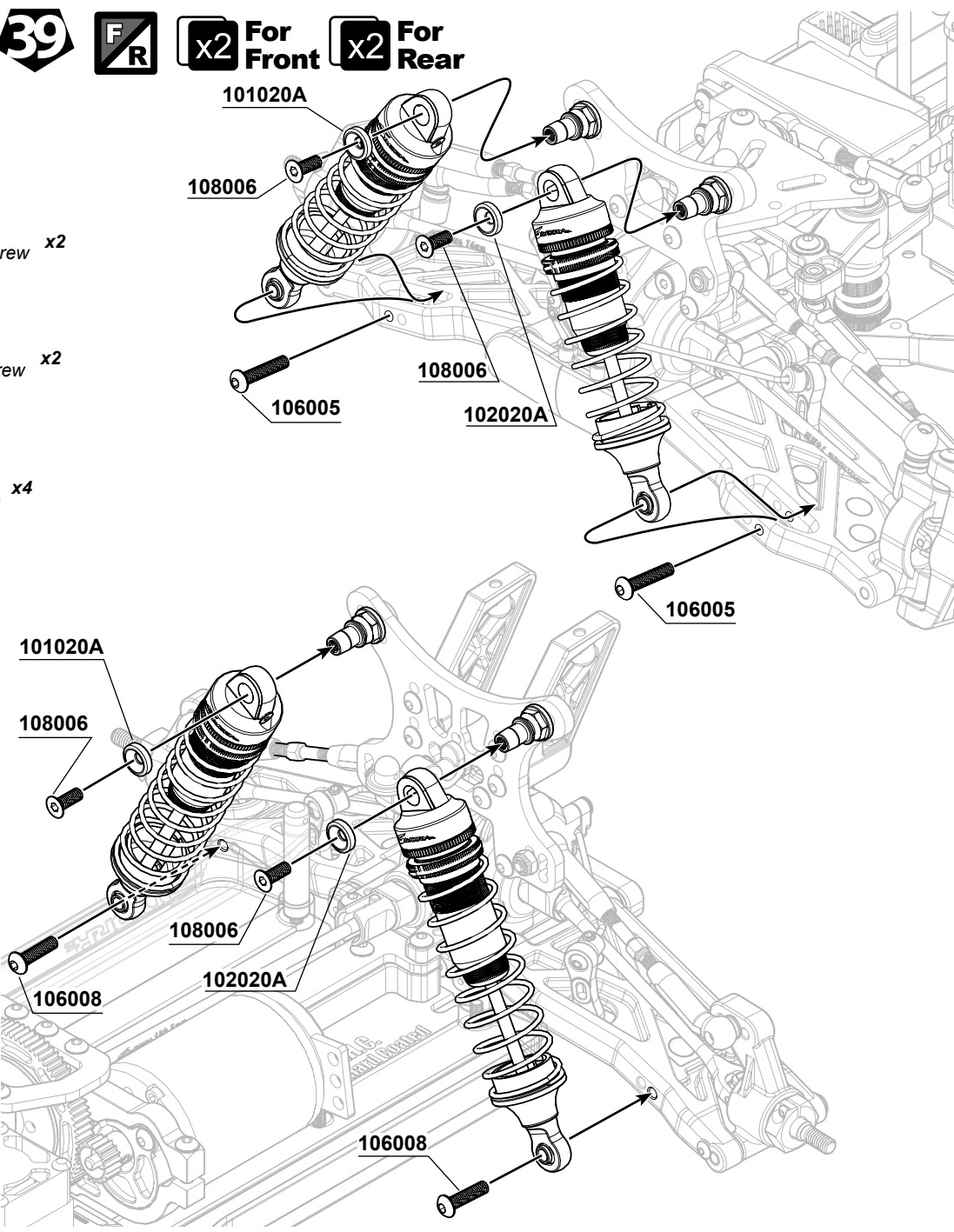
106008
M3x12mm Hex Scket OH/TP Screw

x2



101020A
3mm Countersunk Washers (RD)

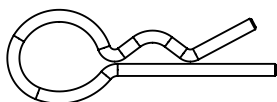
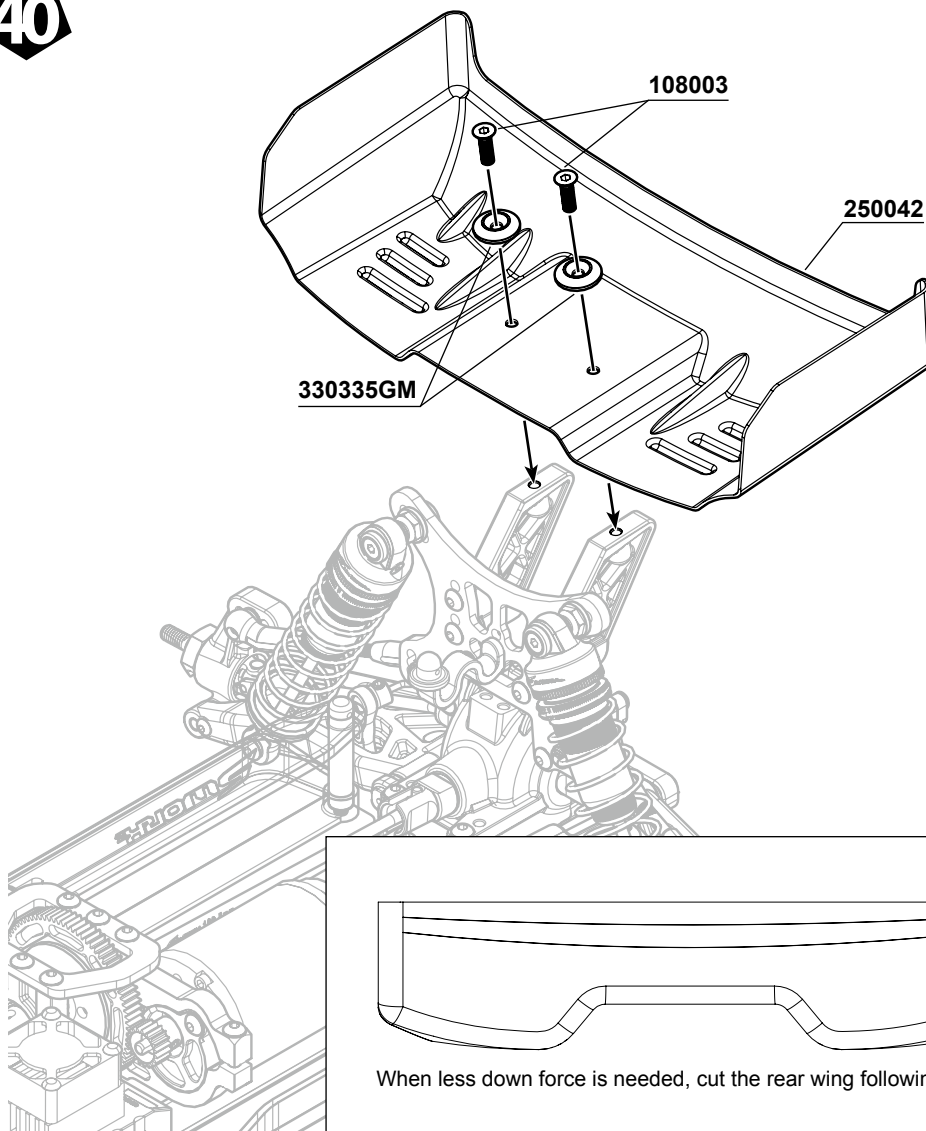
x4





108003
M3x10mm FH/ST HEX Screw

x2

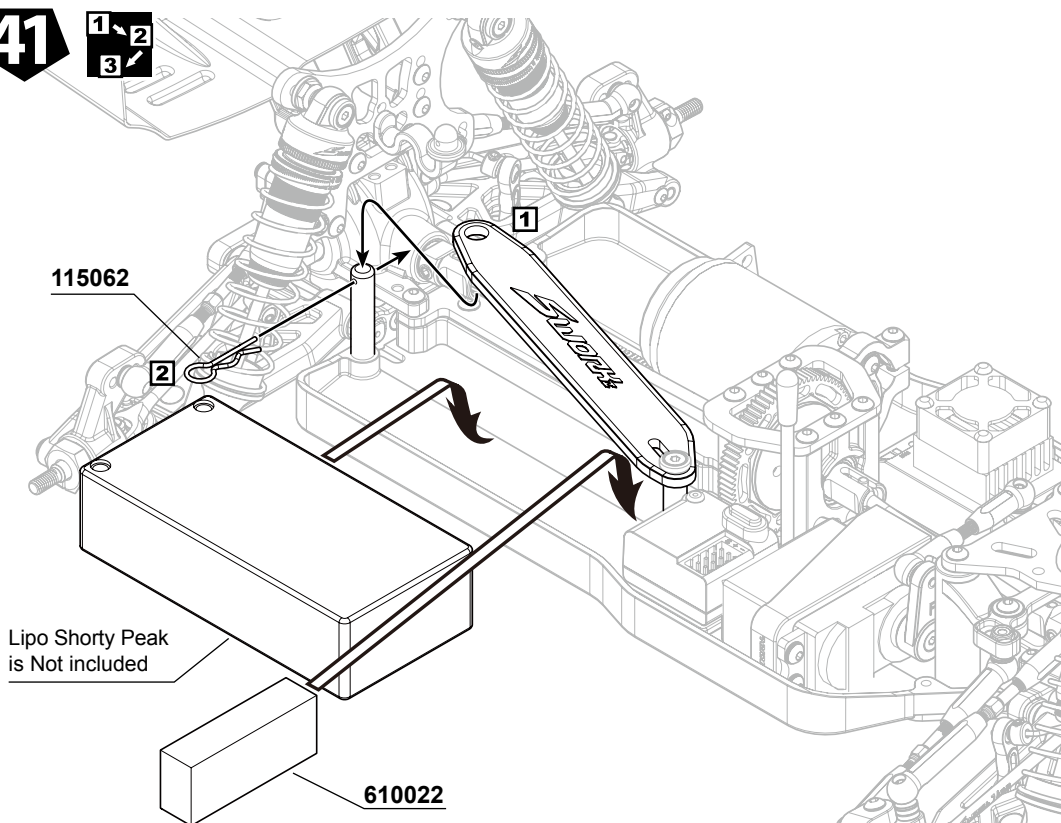


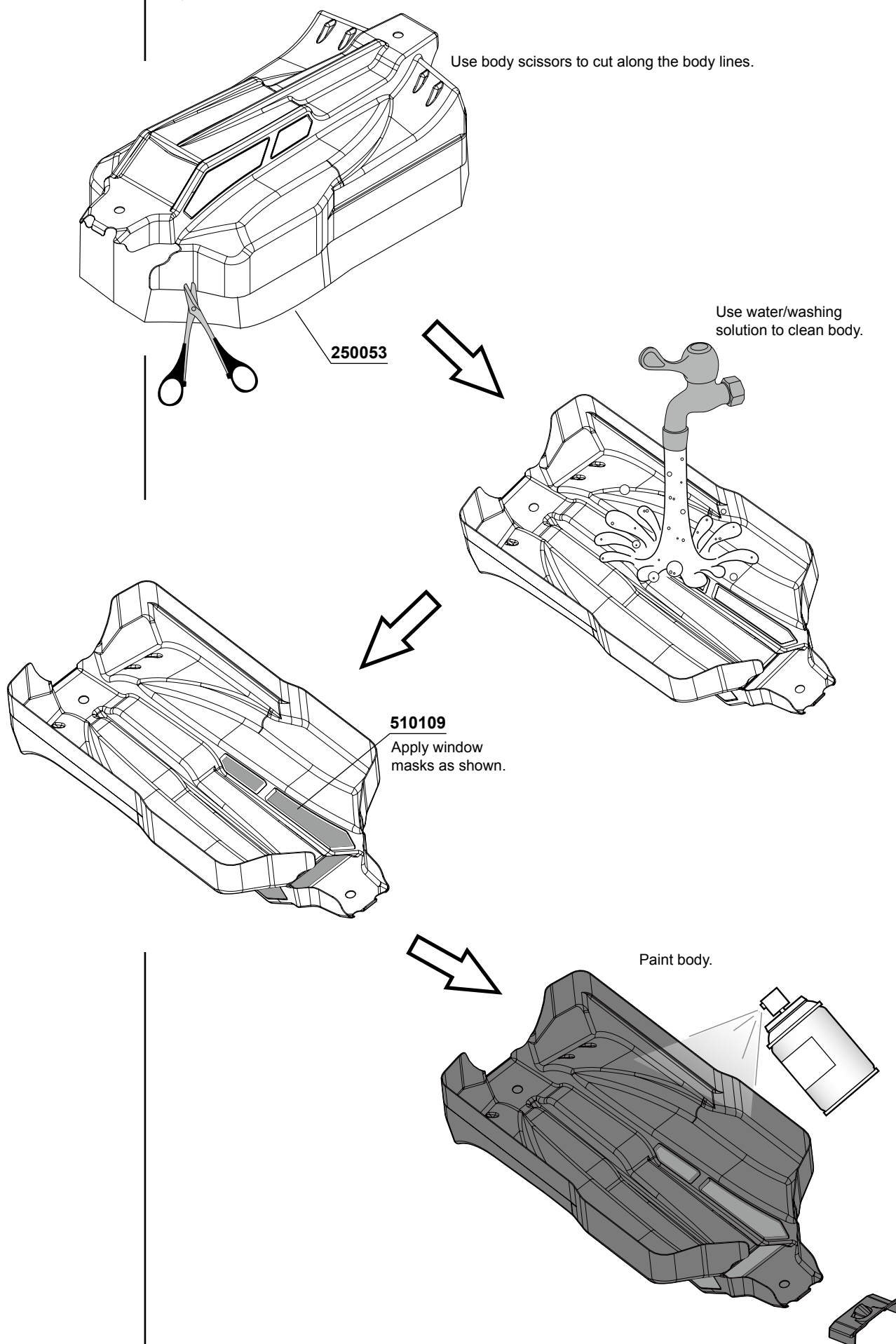
115062
1/10 Body Clip

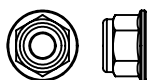
x1

41

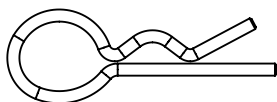
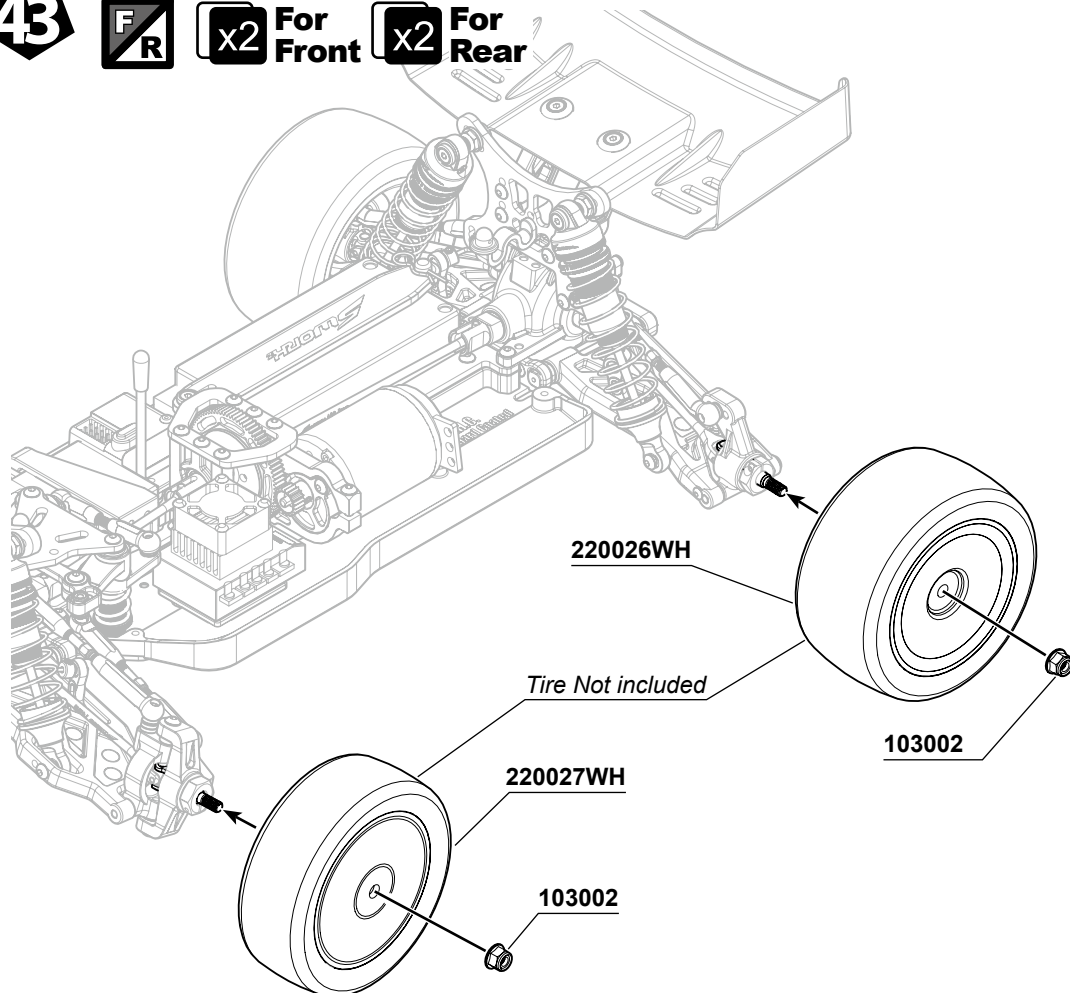
1 2
3







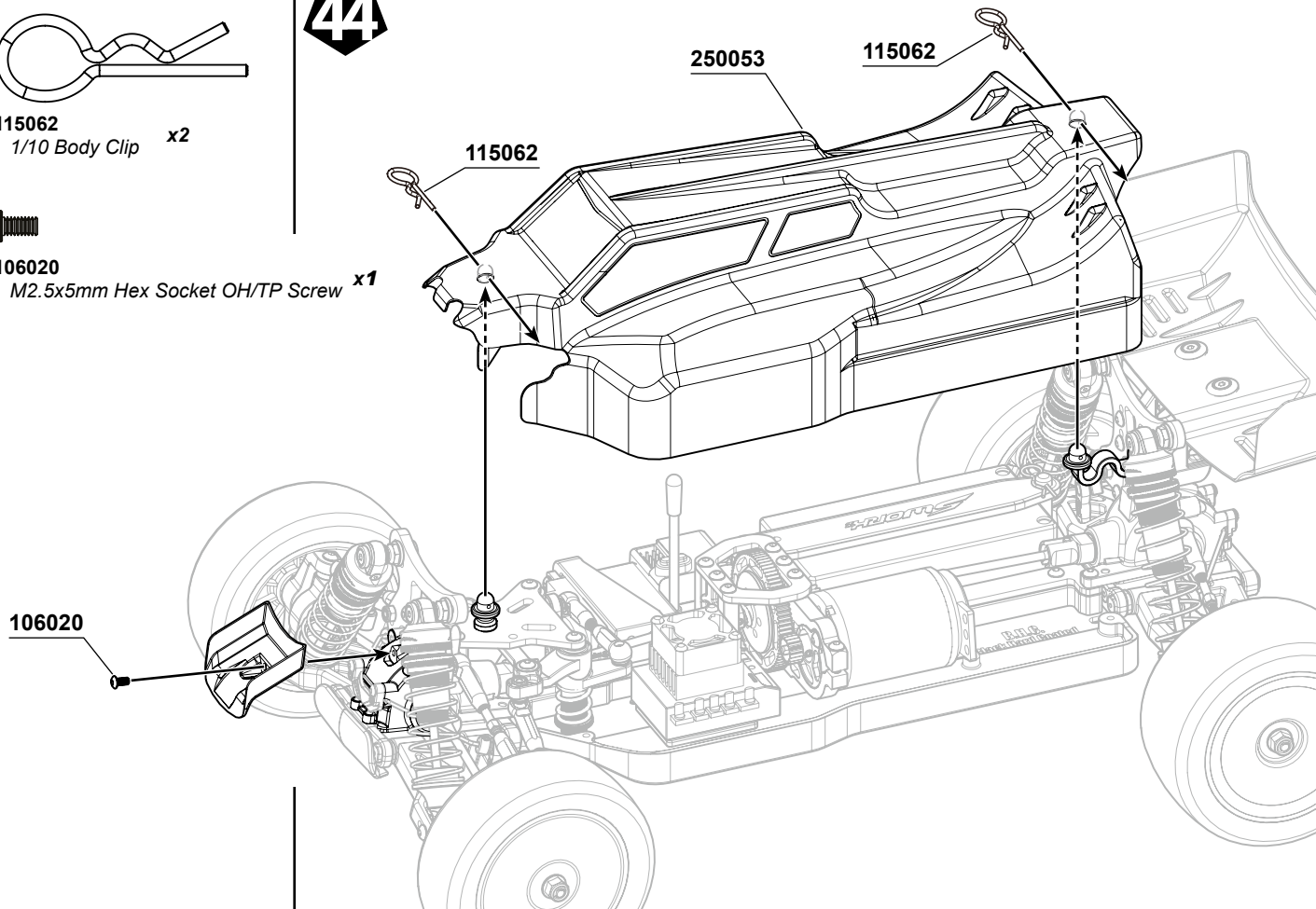
103002
Flange M4 Nut Lock **x4**



115062
1/10 Body Clip **x2**



106020
M2.5x5mm Hex Socket OH/TP Screw **x1**



Race time / Lap: _____

Best lap: _____

Name: Micha Widmaier
 Date: 14-16.9.2018
 Track: EOS Nürburgring

Diff. Oil
 Front: #10000
 Center: Slipper clutch
 Rear: #7000

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

Tire

Front
 Type: Schumacher
 Foam: EOS

Rear
 Type: Schumacher
 Foam: EOS

Electric System

ESC Type: Nosram HD
 Motor Type: Nosram M22 55T
 Motor Gear/Spur Gear: 19/81

Front Suspension

Front in-Board Toe

☐ ±0	☐ ±0
☐ ±0.5	☐ ±0.5
☒ ±1.0	☐ ±1.0
☐ ±0.5+1K-UP	☐ ±0.5+1K-UP
☐ ±1.0+1K-UP	☒ ±1.0+1K-UP

C-Hub ☐ 9 ☒ 11

Camber angle

☐ 4.7mm
☐ 5.7mm
☐ 6.7mm
☐ 7.7mm

R: 2 mm
F: 0 mm

Steering Ackerman

☐ 1
☐ 2
☒ 3

Oil: #800
Spacer: 1 mm
Pistons: 2x1.6
Spring: KIT

Body: KIT
Wing: KIT

Track width _____ mm
Camber angle -2°
Toe angle _____
Rebound stop - mm
Sway bar ☒ Use 1.8 mm
☐ None

Rear Suspension

Rear Toe-In

☐ ±0	☐ ±0
☐ ±0.5	☐ ±0.5
☐ ±1.0	☐ ±1.0
☐ ±0.5+1K-UP	☐ ±0.5+1K-UP
☒ ±1.0+1K-UP	☒ ±1.0+1K-UP

Camber angle -2°
Rebound stop - mm

Wheelbase F 0 mm
adjustment R 2.5 mm
Sway bar ☒ Use 1.8 mm
☐ None

Notes: Graphite wishbones, side pads, front battery position.

Oil: #650
Spacer: 1 mm
Pistons: 2x1.7
Spring: KIT

Front lower arm
☒ Pro-composite Hard Material ☐ Standard Material

Rear lower arm
☒ Pro-composite Hard Material ☐ Standard Material

Side guard
☐ Pro-composite Hard Material ☒ Standard Material

T-bar
Front
☐ Pro-composite Hard Material ☒ Standard Material
Rear
☐ Pro-composite Hard Material ☒ Standard Material

Option Parts List

Front lower arm
☒ Pro-composite Hard Material ☐ Standard Material

Rear lower arm
☒ Pro-composite Hard Material ☐ Standard Material

Side guard
☐ Pro-composite Hard Material ☒ Standard Material

T-bar
Front
☐ Pro-composite Hard Material ☒ Standard Material
Rear
☐ Pro-composite Hard Material ☒ Standard Material

Name: _____
Date: _____
Track: _____

Diff. Oil

Front: _____

Center: _____

Rear: _____

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

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

Electric System
ESC Type: _____
Motor Type: _____
Motor Gear/Spur Gear: _____

Front Suspension

Front in-Board Toe

1
2
3

1
2

2
1

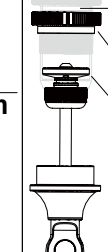
Camber angle

4.7mm
5.7mm
6.7mm
7.7mm

R: _____ mm
F: _____ mm

C-Hub 9
11

Steering

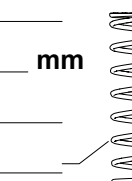


Oil: _____

Spacer: _____ mm

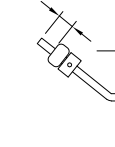
Pistons: _____

Spring: _____



Body: _____

Wing: _____



_____ mm

Track width _____ **mm**

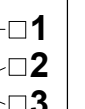
Camber angle _____

Toe angle _____

Rebound stop _____ **mm**

Sway bar ☐ Use _____ **mm**
☐ None

McKerman

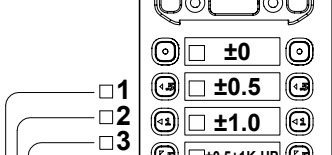


☐ **1**

☐ **2**

☐ **3**

Rear Suspension



☐ A
☐ B
☐ A
☐ B

☐ 1
☐ 2
☐ 3

☐ 1
☐ 2
☐ 3
☐ 4
☐ 5
☐ 6

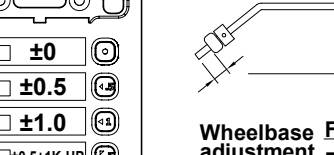
Camber angle

☐ 2
☐ 1
☐ 3

☐ 4.7mm
☐ 5.7mm
☐ 6.7mm
☐ 7.7mm

Rear Toe-In			
	☐ ± 0		
	☐ ± 0.5		
	☐ ± 1.0		
	☐ $\pm 0.5+1K-UP$		
	☐ $\pm 1.0+1K-UP$		

☐ 2
☐ 1
☐ 3

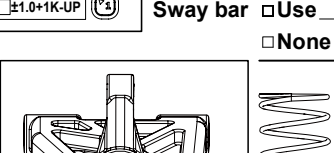


☐ 1
☐ 2
☐ 3
☐ 4
☐ 5
☐ 6

☐ 2
☐ 1
☐ 3

☐ 4.7mm
☐ 5.7mm
☐ 6.7mm
☐ 7.7mm

Camber angle _____ mm
 Rebound stop _____ mm
 Wheelbase adjustment F _____ mm
 R _____ mm
 Sway bar ☐ Use _____ mm
☐ None



☐ 1
☐ 2
☐ 3
☐ 4
☐ 5
☐ 6

☐ 2
☐ 1
☐ 3

☐ 4.7mm
☐ 5.7mm
☐ 6.7mm
☐ 7.7mm

Option Parts List

Front lower arm ☐ Pro-composite Hard Material ☐ Standard Material 	Rear lower arm ☐ Pro-composite Hard Material ☐ Standard Material 	Side guard ☐ Pro-composite Hard Material ☐ Standard Material 	T-bar ☐ Pro-composite Hard Material ☐ Standard Material Front  Rear 
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Parts No. List

Part No.	Part Name	Q'ty in Use	Item No.	Part No.	Part Name	Q'ty in Use	Item No.
200193	Antenna Tube	1	SW-200193	330589	S104 EVO Center Slipper Clutch Pad Inside	1	SW-330589
210036	S104 Diff. Case	2	SW-210036	330591	S104 EVO Center Slipper Clutch Spring Nut	1	SW-330591
220019	S14-3 Gear Box Rear	2	SW-220019	330592	S104 EVO Center Slipper Clutch Outdrive	1	SW-330592
	S14-3 Gear Box Front			330600	S104 EVO Aluminum Steering Bellcrank A Upper	1	SW-330600
	S14-3 S-way Bar Holder			330643	S104 EVO Steering Linkage 5mm Ball Stud (L7mm)	10	SW-330643
220026WH	SWORKz 1/10 2/4WD Off Road Competition Rear Dish Wheel (WH)	2	SW-220026	330664	S102 5mm Ball Stud (L10mm)	2	SW-330664
220027WH	SWORKz 1/10 4WD Off Road Competition Front Dish Wheel (WH)	2	SW-220027	330762	S35-2E Aluminum Steering Servo Mount	1	SW-330762
2501798A	S104 Rear Wing Stay	2	SW-2501798A	330763	S104 EVO 7075 Aluminum Rear Lower Arm Histic Changeable Toe-In Plate	1	SW-330763
2501808	S104 Rear Hub Carrier Insert	2	SW-2501808	334001	S14-3 Pinion Gear 17T (5mm shaft)	2	SW-334001
200341	S104 Sway Bar Linkage	4	SW-200341	334002	S14-3 Aluminum Shock Stud	4	SW-334002
2501801B	S104 Settring Bellcrank A Upper	1	SW-2501801B	334003	S14-3 Center Drive Join	2	SW-334003
	S104 Settring Bellcrank B Lower			334004	S14-3 T7075 Main Chassis	1	SW-334004
	S104 Settring Bellcrank Left			334005	S14-3 T7075 Servo Saver Steering Plate	1	SW-334005
	S104 Steering Servo Mount			334006	S14-3 Center Drive Shaft 68mm	1	SW-334006
	S104 Steering Servo Horn (For Futaba)			334007	S14-3 Center Drive Shaft 102.5mm	1	SW-334007
	S104 Steering Servo Horn (For Sanwa & KO)			334008	S14-3 T7075 Aluminum Center Motor Mount (Bottom)	1	SW-334008
	S104 Steering Servo Horn (For Hitec)			334009	S14-3 T7075 Aluminum Motor Adjust Mount	1	SW-334009
	S104 Front Body Mount			334010	S14-3 12mm Wheel Hex (4.7mm)	4	SW-334010
	S104 Rear Body Mount			334018	S14-3 Serie 3mm Shock Shaft (Long)	2	SW-334018
2501806B	S104 Ball End 5mm (Curve)	1	SW-2501806B	334019	S14-3 Serie 3mm Shock Shaft (Short)	2	SW-334019
	S104 Ball End 5mm			334020	S14-3 Series C Hub Bushing (A)(2.5)	2	SW-334020
	S104 Ball End S			334021	S14-3 Series C Hub Bushing (B)(0.7)	2	SW-334021
	S104 5mm Steering Ball Cap (S)			334022	S14-3 Series Lower Arm Hinge Pin (3x32mm)	2	SW-334022
	S104 5mm Steering Ball Cap (M)			334024	S14-3 7075 Aluminum Rear Front Lower Fully Adjustable Toe-In Plate	1	SW-334024
2501807	S104 Plastic Shock Cap Stud	2	SW-2501807	334025	S14-3 7075 Aluminum Front Lower Fully Adjustable Toe-In Plate	1	SW-334025
	S104 Shock Ball End			334026	S14-3 7075 Aluminum Front Rear Fully Adjustable Toe-In Block	1	SW-334026
2502524	S104 EVO ESC Smart Protection Plastic Holder	1	SW-2502524	334027	S14-3 T7075 Aluminum Center Diff. Mount	1	SW-334027
	S104 EVO Receiver Smart Protection Plastic Holder			334028	S14-3 Pinion Gear Stopper (Aluminum) (5x7x4mm)	2	SW-334028
	S104 EVO Front Bumper			334029	S14-3 Wheel Hub Ball Bearing Stopper(Aluminum) (5x7x1mm)	4	SW-334029
	S104 EVO Plastic Center Diff/Slipper Clutch Holder			334030	S14-3 Center Slipper Clutch Holder	1	SW-334030
2503210	Eccentric Busshing 0	2	SW-2503210	334033	S14-3 Series Lower Arm Hinge Pin (3x52.3mm)	4	SW-334033
	Eccentric Busshing 0.5-0			334034	S14-3 Center Slipper Clutch Pad Outside	1	SW-334034
	Eccentric Busshing 1.0-0			334035	S14-3 Center Slipper Clutch Steel Pad	1	SW-334035
	Eccentric Busshing 0.5-0.5			334036	S14-3 Center Slipper Clutch Pad Inside	1	SW-334036
	Eccentric Busshing 1.0-1.0			344001	S14-3 Pro-composite Rear Carbon Fiber Shock Tower	1	SW-344001
2502401BK	S102 Ball End Cap M(5mm)	1	SW-2502401BK	344003	S14-3 Pro-composite Front Steering Upper Deck	1	SW-344003
	S102 Ball End Cup (S)(5mm)			344004	S14-3 Pro-composite Center Diff Upper Deck	1	SW-344004
	S102 Ball End Cup(L)(5mm)			344005	S14-3 Pro-composite C Hub Front Carbon Fiber Shock Tower	1	SW-344005
	S102 Rear Arm Holder Insert (1 degree)			344006	S14-3 Pro-composite Carbon Fiber Center Rear Chassis T-Brace (2.5mm)	1	SW-344006
	S102 Rear Arm Holder Insert (0 degree)			344007	S14-3 Pro-composite Carbon Fiber Center Front Chassis T-Brace (2.5mm)	1	SW-344007
	S102 Arm Hinge Pin Insert			354001	S14-3 POM Shock seal washer 3.0x6.5x2.0mm	8	SW-214003
	S102 Savor Servo Arm (25T)			354002	S14-3 POM Shock seal washer 3.0x6.5x0.7mm	4	SW-214003
	S102 Savor Servo Arm(23T)			400002	O-ring S5	4	SW-400002
	S102 Savor Servo Arm(24T)			400013	S104 Shock Seal O-ring 2x2.7mm	6	SW-400013
220020	S143 Side Guard R	1	SW-220020	400013A	S104 Shock Seal O-ring 2x2.7mm (M)	8	SW-214003
	S143 Side Guard L			400014	S104 Aluminum Shock Spring Adjust Nut O-Ring 1.5x13.5mm	4	SW-400014
	S143 Battery Cover			410047	S102 Shock Cap O-Ring (SP)	4	SW-410047
220021	S14-3 Plastic Center Rear Chassis T-Brace	1	SW-220021	410049	1/10 Shock Seal Cap O-ring (8*10*1)	4	SW-410049
	S14-3 Plastic Center Front Chassis T-Brace			610012	S104 Diff. Gasket (0.4T)	2	SW-610012
	S143 Front Battery Holder			610022	S14-3 Shorty Foam Battery Block	1	SW-610022
	S143 Rear Battery Holder			610013A	S104 Center Slipper Clutch Pad	3	SW-610013A
	S143 Center Diff Mount Cover			510108	S14-3 Velocity II Body Decal Sheet	1	SW-250053
220022	S143C Front Lower Arm Set	2	SW-220022	510109	S14-3 Velocity II Body Window Mask	1	SW-250053
	S143C Rear Lower Arm Set			510091	S-WORKz Original Logo Sticker	1	SW-510091
	S143C Lower Arm Adjust insert			115131	S104 EVO Servo Saver Spring(H)	1	SW-115131
220023-1	S143C Shock Spring Holder	4	SW-220023-1	115055	S104 Sway Bar 1.3mm	1	SW-115055
220023	S143C Front Wheel Hub	2	SW-220023	115056	S104 Sway Bar 1.5mm	1	SW-115056
	S143C Rear Wheel Hub			115062	1/10 Body Clip	2	SW-115062
220024-9	S143C Front C Hub Left (9 Degree)	1	SW-220024-9	115136	S104 EVO Center Slipper Clutch Spring (1.4mm)	1	SW-115136
	S143C Front C Hub Right (9 Degree)			115155	S14-3 Front Shock Spring (40X1.2X7.5)(BK)	2	SW-115155
220024-11	S143C Front C Hub Left (11 Degree)	1	SW-220024-11	115156	S14-3 Rear Shock Spring (55X1.1X9.0)(BK)	2	SW-115156
	S143C Front C Hub Right (11 Degree)			116010	Ball Bearing 5x10x4mm	4	SW-116010
250042	SWORKz 1/10 sonic wing 6.5"	1	SW-250042	116013	Ball Bearing 10x15x4mm	6	SW-116013
250053	S14-3 Velocity 2.0 Body Shell	1	SW-250053	116015	Ball Bearing 5x8x2.5mm	4	SW-116015
250053-1	SWORKz 1/10 Off Road Formula Bulkhead Wing	1	SW-250053	116016	Ball Bearing 5x11x4mm	8	SW-116016
214001	S14-3 Axle Universal Cross Drive Shaft Set 74mm	2	SW-214001	117003	Flange Ball Bearing 3x6x2.5mm	2	SW-117003
214002	S14-3 Axle Universal Cross Drive Shaft Set 69mm	2	SW-214002	101004	Washer 3.5X10X0.2mm	8	SW-101004
354004-81	S14-3 Center Slipper Cluth Spur Gear 81T	1	SW-354004-81	101007	Washer 3x8x0.5	2	SW-101007
330134	Shock Ball Stud	4	SW-330134	101011	M2.6x6xT0.5mm	4	SW-101011
330155	Steering Servo Turnbuckle (M3x30mm)	6	SW-330155	101012	M3x6xT0.5mm	4	SW-101012
330277	S104 Diff. Bevel Gear 18T	4	SW-330278	101014A	M3 Pivot Ball Bushing(GM)	2	SW-101014A
330278	S104 Diff. Bevel Gear 10T	8	SW-330278	101020A	S350 Sries 3mm Countersunk Washers (GM)	9	SW-101020A
330279	S104 Bevel Gear Shaft	4	SW-330279	101023	S104 Shim 10x12x0.1mm	2	SW-101023
330282	S104 Front/Rear Diff. Outdrive	4	SW-330282	101024	S104 Shim 10x12x0.2mm	4	SW-101024
330283	S104 Pin M2.0x10mm	9	SW-330283	101025	Shim 3.5x10x0.1mm	8	SW-101025
330284	S104 Crown Gear 42T	2	SW-330284	101026	S102 Aluminum Washer 3X6X1.5mm	8	SW-101026
330293	S104 Rear Hub Carrier Hing pin	2	SW-330293	103002	Flage Nylon Nut M4	4	SW-103002
330304A	S104 Aluminum Shock Spring Adjust Nut (BK)	4	SW-330304A	103007	M3mm Nut Lock Thim (BK)	10	SW-103007
330315	Sway Bar Linkage Ball Stud	4	SW-330315	104004	M3x3mm Set Screw	6	SW-104004
330327	S104 Servo Saver Shaft	2	SW-330327	104005	Set Screw M3x4	6	SW-104005
330328A	S104 Servo Saver Post(HC)	1	SW-330328A	104009	M3x16mm Set Screw	1	SW-104009
330329A	S104 Servo Saver Nut (GM)	1	SW-330329A	104011	M4x4mm Set Screw (Flat Bottom)	2	SW-104011
330331	S104 Steering Linkage 5mm Ball Stud (L4.1mm)	2	SW-330331	106001	M3x8mm Hex Soket OH/TP Screw	15	SW-106001
330335GM	S14/S12 series Aluminum Rear Wing Washer (GM)	2	SW-330335GM	106002	M3x10mm Hex Soket OH/TP Screw	18	SW-106002
330409	S104 Motor Gear 19T	1	SW-330409	106003	Button Head Screw M3x16mm	1	SW-106003
330529A	S14/12 Long Shock System Shock Body (L)	2	SW-330529A	106005	M3x15mm Hex Soket OH/TP Screw	2	SW-106005
330530A	S14 /12 Long Shock System Shock Body (S)	2	SW-330530A	106008	M3x12mm Hex Soket OH/TP Screw	8	SW-106008
330544	S102 Shoick Seal Cover (SP)	4	SW-330544	106010	M3x6mm Hex Soket OH/TP Screw	2	SW-106010
330546	S102 Shock Cap (SP)	4	SW-330546	106013	M2.5x8mm 1.5mmHex Soket OH/ST Screw	4	SW-106013
330547	S104EVO/S102 Shock Piston(1.5mmX2 Holes)	4	SW-330547	106014	M2x6mm Hex Soket OH/TP Screw	8	SW-106014

Parts No. List				Spare Part List	
Part No.	Part Name	Q'ty in Use	Item No.	Item No.	Part Name
106017	M3x14mm Hex Scket OH/TP Screw	2	SW-106017	SW-334009	S14-3 T7075 Aluminum Motor Adjust Mount
106020	M2.5x5mm 1.5mmHex Scket OH/ST Screw	3	SW-106020	SW-334010	S14-3 12mm Wheel Hex (4.7mm)
108001	M3x12mm FH/ST HEX Screw	12	SW-108001	SW-334018	S14-3 Serie 3mm Shock Shaft (Long)
108003	M3x10mm FH/ST HEX Screw	13	SW-108003	SW-334019	S14-3 Serie 3mm Shock Shaft (Short)
108006	M3x8mm FH/ST HEX Screw	29	SW-108006	SW-334020	S14-3 Series C Hub Bushing (A)(2.5)
108007	M3x6mm FH/ST HEX Screw	3	SW-108007	SW-334021	S14-3 Series C Hub Bushing (B)(0.7)
108017	M2.6x10mm FH/ST HEX Screw	8	SW-108017	SW-334022	S14-3 Series Lower Arm Hinge Pin (3x32mm)
108018	M3x30mm FH/ST HEX Screw	4	SW-108018	SW-334024	S14-3 7075 Aluminum Rear Front Lower Fully Adjustable Toe-In Plate
108020	M2.0x4mm FH/ST HEX Screw	4	SW-108020	SW-334025	S14-3 7075 Aluminum Front Lower Fully Adjustable Toe-In Plate
Spare Part List				SW-334026	S14-3 7075 Aluminum Front Rear Fully Adjustable Toe-In Block
Item No.	Part Name			SW-334027	S14-3 T7075 Aluminum Center Diff. Mount
SW-220026WH	SWORKz 1/10 2/4WD Off Road Competition Rear Dish Wheel (WH) (4PC)			SW-334028	S14-3 Pinion Gear Stopper (Aluminum) (5x7x4mm)
SW-220027WH	SWORKz 1/10 4WD Off Road Competition Front Dish Wheel (WH) (4PC)			SW-334029	S14-3 Wheel Hub Ball Bearing Stopper(Aluminum) (5x7x1mm)
SW-220019	SWORKz 1/10 S14-3 Gear Box Set			SW-334030	S14-3 Center Slipper Clutch Holder
SW-220020	SWORKz 1/10 S14-3 Side Guard Set (Standard Material)			SW-334033	S14-3 Series Lower Arm Hinge Pin (3x52.3mm)
SW-220021	SWORKz 1/10 S14-3 Plastic Center Chassis T-Brace Set (Standard Material)			SW-334034	S14-3 Center Slipper Clutch Pad Outside
SW-220022	SWORKz 1/10 S14-3 Front and Rear Lower Arm Set (Standard Material)			SW-334035	S14-3 Center Slipper Clutch Steel Pad
SW-220023	SWORKz 1/10 S14-3 Front and Rear Wheel Hub Set			SW-334036	S14-3 Center Slipper Clutch Pad Inside
SW-220024-9	SWORKz 1/10 S14-3 Front C Hub Set (9 Degree)			SW-344001	S14-3 Pro-composite Rear Carbon Fiber Shock Tower
SW-220024-11	SWORKz 1/10 S143C Front C Hub Set (11 Degree)			SW-344003	S14-3 Pro-composite Front Steering Upper Deck
SW-2501798A	S104 EVO Wing Stay Set with Bumper and Arm Holder			SW-344004	S14-3 Pro-composite Center Diff Upper Deck
SW-2501808	S104 Plastic Insert Set			SW-344005	S14-3 Pro-composite C Hub Front Carbon Fiber Shock Tower
SW-2501801B	S104 EVO Settring Bellcrank Set with Servo Horn Set			SW-344006	S14-3 Pro-composite Carbon Fiber Center Rear Chassis T-Brace (2.5mm)
SW-2501806B	S104 EVO Plastic Ball End Set			SW-344007	S14-3 Pro-composite Carbon Fiber Center Front Chassis T-Brace (2.5mm)
SW-2501807	S104 Shock Spring Holder with Ball End Plastic Parts			SW-354004-81	S14-3 Center Slipper Cluth Spur Gear 81T
SW-2502524	S104 EVO Plastic Bumper Accessories Set			SW-400002	O-ring S5
SW-2502401BK	S12 Sries Ball End Caps and Hinge Pin Inserts (BK)			SW-400013	S104 O-ring for Pinion Gear 7.65x1.2mm (2pc)
SW-2503210	SWORKz 1/10 Eccentric Busshing Set			SW-400014	S104 Aluminum Shock Spring Adjust Nut O-Ring 1.5x13.5mm
SW-200341	S14/S104 Series Sway Bar Linkage(4PC)			SW-410047	S102 Shock Cap O-Ring (SP)
SW-200193	Antenna Tube			SW-410049	1/10 Shock Seal Cap O-ring (8*10*1)
SW-210036	S104 Diff. Case Set			SW-510091	S-WORKz Original Logo Sticker
SW-214001	S14-3 Axle Universal Cross Drive Shaft Set 74mm			SW-610012	S104 Diff. Gasket (0.4T) (2pc)
SW-214002	S14-3 Axle Universal Cross Drive Shaft Set 69mm			SW-610013A	S104 Center Slipper Clutch Pad
SW-214003	S14-3 series Shock Seal Kit (2 Sets)			SW-610022	S14-3 Shorty Foam Battery Block
SW-250042	SWORKz 1/10 sonic wing 6.5"			SW-101004	Washer 3.5X10X0.2mm
SW-250053	S14-3 Velocity 2.0 Body Shell with Formula Bulkhead Wing			SW-101007	Washer 3x8x0.5
SW-330134	Shock Ball Stud 6mmxL6.7			SW-101011	M2.6x6xT0.5mm
SW-330155	Steering Servo Turnbuckle (M3x30mm)			SW-101012	M3x6xT0.5mm
SW-330278	S104 Diff. Bevel Gear Set			SW-101014A	M3 Pivot Ball Bushing(GM)
SW-330279	S104 Bevel Gear Shaft			SW-101020A	S350 Sries 3mm Countersunk Washers (GM)
SW-330282	S104 Front/Rear Diff. Outdrive			SW-101023	S104 Shim 10x12x0.1mm
SW-330283	S104 Pin M2.0x10mm			SW-101024	Shim 10x12x0.2mm
SW-330284	S104 Crown Gear 42T			SW-101025	Shim 3.5x10x0.1mm
SW-330293	S104 Rear Hub Carrier Hing pin (2pc)			SW-101026	S102 Aluminum Washer 3X6X1.5mm
SW-330304A	S104 Aluminum Shock Spring Adjust Nut (BK)			SW-103002	Flage Nylon Nut M4
SW-330315	Sway Bar Linkage Ball Stud (4pc)			SW-103007	M3 Nut Lock Thim (BK)
SW-330327	S104 Servo Saver Shaft			SW-104004	M3x3mm Set Screw
SW-330328A	S104 Servo Saver Post(HC)			SW-104005	Set Screw M3x4
SW-330329A	S104 Servo Saver Nut (GM)			SW-104009	M3x16mm Set Screw
SW-330331	S104 Steering Linkage 5mm Ball Stud (L4.1mm) (4pc)			SW-104011	M4x4mm Set Screw (Flat Bottom)
SW-330335GM	S14/S12 series Aluminum Rear Wing Washer (GM)			SW-106001	M3x8mm Hex Scket OH/TP Screw
SW-330409	S104 Motor Gear 19T			SW-106002	M3x10mm Hex Scket OH/TP Screw
SW-330529A	S14/12 Series Rear Shock Body for Long Shock System(L)(2PC)			SW-106003	M3x16mm Hex Scket OH/TP Screw
SW-330530A	S14/12 Series Front Shock Body for Long Shock System (S)(2PC)			SW-106005	M3x15mm Hex Scket OH/TP Screw
SW-330544	S102 Shoick Seal Cover (SP)			SW-106008	M3x12mm Hex Scket OH/TP Screw
SW-330546	S102 Shock Cap (SP)			SW-106010	M3x6mm Hex Scket OH/TP Screw
SW-330547	S104EVO/S102 Shock Piston(1.5mmX2 Holes)			SW-106013	M2.5x8mm 1.5mmHex Scket OH/ST Screw
SW-330589	S14/S104 EVO Aluminum Center Slipper Clutch Pad Inside			SW-106014	M2x6mm Hex Scket OH/TP Screw
SW-330591	S104 EVO Center Slipper Clutch Spring Nut			SW-106017	M3x14mm Hex Scket OH/TP Screw
SW-330592	S104 EVO Center Slipper Clutch Outdrive			SW-106020	M2.5x5mm 1.5mmHex Scket OH/ST Screw
SW-330600	S104 EVO Aluminum Steering Bellcrank A Upper			SW-108001	M3x12mm FH/ST HEX Screw
SW-330643	S104 EVO Steering Linkage 5mm Ball Stud (L7mm)			SW-108003	M3x10mm FH/ST HEX Screw
SW-330664	S102 5mm Ball Stud (L10mm)			SW-108006	M3x8mm FH/ST HEX Screw
SW-330762	S35-2E One Unit Aluminum Steering Servo Mount			SW-108007	M3x6mm FH/ST HEX Screw
SW-330763	S104 EVO 7075 Aluminum Rear Lower Arm Histic Changeable Toe-In Plate			SW-108017	M2.6x10mm FH/ST HEX Screw
SW-334001	S14-3 Pinion Gear 17T (5mm shaft)			SW-108018	M3x30mm FH/ST HEX Screw
SW-334002	S14-3 Aluminum Shock Stud			SW-108020	M2.0x4mm FH/ST HEX Screw
SW-334003	S14-3 Center Drive Join			SW-115055	S104 Sway Bar 1.3mm
SW-334004	S14-3 T7075 Main Chassis			SW-115056	S104 Sway Bar 1.5mm
SW-334005	S14-3 T7075 Servo Saver Steering Plate			SW-115062	1/10 Body Clip
SW-334006	S14-3 Center Drive Shaft 68mm			SW-115131	S104 EVO Servo Saver Spring(H)
SW-334007	S14-3 Center Drive Shaft 102.5mm			SW-115136	S14/S104 EVO Center Slipper Clutch Spring (1.4mm)
SW-334008	S14-3 T7075 Aluminum Center Motor Mount (Bottom)			SW-115155	S14-3 Front Shock Spring (40X1.2X7.5)(BK)
				SW-115156	S14-3 Rear Shock Spring (55X1.1X9.0)(BK)
				SW-116010	Ball Bearing 5x10x4mm

Spare Part List

Item No.	Part Name	Item No.	Part Name
SW-116013	Ball Bearing 10x15x4mm	SW-334025	S14-3 7075 Aluminum Front Lower Fully Adjustable Toe-In Plate
SW-116015	Ball Bearing 5x8x2.5mm	SW-334026	S14-3 7075 Aluminum Front Rear Fully Adjustable Toe-In Block
SW-116016	Ball Bearing 5x11x4mm	SW-334027	S14-3 T7075 Aluminum Center Diff. Mount
SW-117003	Flange Ball Bearing 3x6x2.5mm (2pc)	SW-334028	S14-3 Pinion Gear Stopper (Aluminum) (5x7x4mm)
SW-220026WH	SWORKz 1/10 2/4WD Off Road Competition Rear Dish Wheel (WH) (4PC)	SW-334029	S14-3 Wheel Hub Ball Bearing Stopper(Aluminum) (5x7x1mm)
SW-220027WH	SWORKz 1/10 4WD Off Road Competition Front Dish Wheel (WH) (4PC)	SW-334030	S14-3 Center Slipper Clutch Holder
SW-220019	SWORKz 1/10 S14-3 Gear Box Set	SW-334033	S14-3 Series Lower Arm Hinge Pin (3x52.3mm)
SW-220020	SWORKz 1/10 S14-3 Side Guard Set (Standard Material)	SW-334034	S14-3 Center Slipper Clutch Pad Outside
SW-220021	SWORKz 1/10 S14-3 Plastic Center Chassis T-Brace Set (Standard Material)	SW-334035	S14-3 Center Slipper Clutch Steel Pad
SW-220022	SWORKz 1/10 S14-3 Front and Rear Lower Arm Set (Standard Material)	SW-344001	S14-3 Pro-composite Rear Carbon Fiber Shock Tower
SW-220023	SWORKz 1/10 S14-3 Front and Rear Wheel Hub Set	SW-344003	S14-3 Pro-composite Front Steering Upper Deck
SW-220023-1	SWORKz 1/10 S14-3 Shock Spring End (2PC)	SW-344004	S14-3 Pro-composite Center Diff Upper Deck
SW-220024-9	SWORKz 1/10 S14-3 Front C Hub Set (9 Degree)	SW-344005	S14-3 Pro-composite C Hub Front Carbon Fiber Shock Tower
SW-220024-11	SWORKz 1/10 S143C Front C Hub Set (11 Degree)	SW-344006	S14-3 Pro-composite Carbon Fiber Center Rear Chassis T-Brace (2.5mm)
SW-2501798A	S104 EVO Wing Stay Set with Bumper and Arm Holder	SW-344007	S14-3 Pro-composite Carbon Fiber Center Front Chassis T-Brace (2.5mm)
SW-2501808	S104 Plastic Insert Set	SW-354004-81	S14-3 Center Slipper Clutch Spur Gear 81T
SW-2501801B	S104 EVO Settring Bellcrank Set with Servo Horn Set	SW-400002	O-ring S5
SW-2501806B	S104 EVO Plastic Ball End Set	SW-400013	S104 O-ring for Pinion Gear 7.65x1.2mm (2pc)
SW-2501807	S104 Shock Spring Holder with Ball End Plastic Parts	SW-400014	S104 Aluminum Shock Spring Adjust Nut O-Ring 1.5x13.5mm
SW-2502524	S104 EVO Plastic Bumper Accessories Set	SW-410047	S102 Shock Cap O-Ring (SP)
SW-2502401BK	S12 Sries Ball End Caps and Hinge Pin Inserts (BK)	SW-410049	1/10 Shock Seal Cap O-ring (8*10*1)
SW-2503210	SWORKz 1/10 Eccentric Bushing Set	SW-510091	S-WORKz Original Logo Sticker
SW-200341	S14/S104 Series Sway Bar Linkage(4PC)	SW-610012	S104 Diff. Gasket (0.4T) (2pc)
SW-200193	Antenna Tube	SW-610013A	S104 Center Slipper Clutch Pad
SW-210036	S104 Diff. Case Set	SW-610022	S14-3 Shorty Foam Battery Block
SW-214001	S14-3 Axle Universal Cross Drive Shaft Set 74mm	SWC-115144	S14/S12/S104 Competition Shock SpringB3(60X1.2X9.75)(FG)
SW-214002	S14-3 Axle Universal Cross Drive Shaft Set 69mm	SWC-115145	S14/S12/S104 Competition Shock SpringA4(45X1.3X8.0)(SB)
SW-214003	S14-3 series Shock Seal Kit (2 Sets)	SW-101004	Washer 3.5X10X0.2mm
SW-250042	SWORKz 1/10 sonic wing 6.5"	SW-101007	Washer 3x8x0.5
SW-250053	S14-3 Velocity 2.0 Body Shell with Formula Bulkhead Wing	SW-101011	M2.6x6xT0.5mm
SW-330134	Shock Ball Stud 6mmxL6.7	SW-101012	M3x6xT0.5mm
SW-330155	Steering Servo Turnbuckle (M3x30mm)	SW-101014A	M3 Pivot Ball Bushing(GM)
SW-330278	S104 Diff. Bevel Gear Set	SW-101020A	S350 Sries 3mm Countersunk Washers (GM)
SW-330279	S104 Bevel Gear Shaft	SW-101023	S104 Shim 10x12x0.1mm
SW-330282	S104 Front/Rear Diff. Outdrive	SW-101024	Shim 10x12x0.2mm
SW-330283	S104 Pin M2.0x10mm	SW-101025	Shim 3.5x10x0.1mm
SW-330284	S104 Crown Gear 42T	SW-101026	S102 Aluminum Washer 3X6X1.5mm
SW-330293	S104 Rear Hub Carrier Hing pin (2pc)	SW-103002	Flage Nylon Nut M4
SW-330304A	S104 Aluminum Shock Spring Adjust Nut (BK)	SW-103007	M3 Nut Lock Thim (BK)
SW-330315	Sway Bar Linkage Ball Stud (4pc)	SW-104004	M3x3mm Set Screw
SW-330327	S104 Servo Saver Shaft	SW-104005	Set Screw M3x4
SW-330328A	S104 Servo Saver Post(HC)	SW-104009	M3x16mm Set Screw
SW-330329A	S104 Servo Saver Nut (GM)	SW-104011	M4x4mm Set Screw (Flat Bottom)
SW-330331	S104 Steering Linkage 5mm Ball Stud (L4.1mm) (4pc)	SW-106001	M3x8mm Hex Soket OH/TP Screw
SW-330335GM	S14/S12 series Aluminum Rear Wing Washer (GM)	SW-106002	M3x10mm Hex Soket OH/TP Screw
SW-330409	S104 Motor Gear 19T	SW-106003	M3x16mm Hex Soket OH/TP Screw
SW-330529A	S14/12 Series Rear Shock Body for Long Shock System(L)(2PC)	SW-106005	M3x15mm Hex Soket OH/TP Screw
SW-330530A	S14/12 Series Front Shock Body for Long Shock System (S)(2PC)	SW-106008	M3x12mm Hex Soket OH/TP Screw
SW-330544	S102 Shoick Seal Cover (SP)	SW-106010	M3x6mm Hex Soket OH/TP Screw
SW-330546	S102 Shock Cap (SP)	SW-106013	M2.5x8mm 1.5mmHex Soket OH/ST Screw
SW-330547	S104EVO/S102 Shock Piston(1.5mmX2 Holes)	SW-106014	M2x6mm Hex Soket OH/TP Screw
SW-330589	S14/S104 EVO Aluminum Center Slipper Clutch Pad Inside	SW-106017	M3x14mm Hex Soket OH/TP Screw
SW-330591	S104 EVO Center Slipper Clutch Spring Nut	SW-106020	M2.5x5mm 1.5mmHex Soket OH/ST Screw
SW-330592	S104 EVO Center Slipper Clutch Outdrive	SW-108001	M3x12mm FH/ST HEX Screw
SW-330600	S104 EVO Aluminum Steering Bellcrank A Upper	SW-108003	M3x10mm FH/ST HEX Screw
SW-330643	S104 EVO Steering Linkage 5mm Ball Stud (L7mm)	SW-108006	M3x8mm FH/ST HEX Screw
SW-330664	S102 5mm Ball Stud (L10mm)	SW-108007	M3x6mm FH/ST HEX Screw
SW-330762	S35-2E One Unit Aluminum Steering Servo Mount	SW-108017	M2.6x10mm FH/ST HEX Screw
SW-330763	S104 EVO 7075 Aluminum Rear Lower Arm Histic Changeable Toe-In Plate	SW-108018	M3x30mm FH/ST HEX Screw
SW-334001	S14-3 Pinion Gear 17T (5mm shaft)	SW-108020	M2.0x4mm FH/ST HEX Screw
SW-334002	S14-3 Aluminum Shock Stud	SW-115055	S104 Sway Bar 1.3mm
SW-334003	S14-3 Center Drive Join	SW-115056	S104 Sway Bar 1.5mm
SW-334004	S14-3 T7075 Main Chassis	SW-115062	1/10 Body Clip
SW-334005	S14-3 T7075 Servo Saver Steering Plate	SW-115131	S104 EVO Servo Saver Spring(H)
SW-334006	S14-3 Center Drive Shaft 68mm	SW-115136	S14/S104 EVO Center Slipper Clutch Spring (1.4mm)
SW-334007	S14-3 Center Drive Shaft 102.5mm	SW-116010	Ball Bearing 5x10x4mm
SW-334008	S14-3 T7075 Aluminum Center Motor Mount (Bottom)	SW-116013	Ball Bearing 10x15x4mm
SW-334009	S14-3 T7075 Aluminum Motor Adjust Mount	SW-116015	Ball Bearing 5x8x2.5mm
SW-334010	S14-3 12mm Wheel Hex (4.7mm)	SW-116016	Ball Bearing 5x11x4mm
SW-334018	S14-3 Serie 3mm Shock Shaft (Long)	SW-117003	Flange Ball Bearing 3x6x2.5mm (2pc)
SW-334019	S14-3 Serie 3mm Shock Shaft (Short)		
SW-334020	S14-3 Series C Hub Bushing (A)(2.5)		
SW-334021	S14-3 Series C Hub Bushing (B)(0.7)		
SW-334022	S14-3 Series Lower Arm Hinge Pin (3x32mm)		
SW-334024	S14-3 7075 Aluminum Rear Front Lower Fully Adjustable Toe-In Plate		

Option Parts List

Item No.	Part Name
SW-115057	S104 Sway Bar 1.8mm
SW-115084	S104 Sway Bar 1.1mm
SW-115085	S104 Sway Bar 1.2mm
SW-115086	S104 Sway Bar 1.4mm
SW-115087	S104 Sway Bar 1.6mm
SW-115138	SWORKz S14 Series Sway Bar 2.0mm
SW-210039	S104 Series F/R Diff. Set (42T)
SW-2501800ABK	S104 Rear Wing Set (W/O Holes) (BK)
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-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-330335	S104 Aluminum Rear Wing Washer
SW-330338	S104 Aluminum Battery Holder Nut (4pc)
SW-330324	S104 Motor Gear 20T
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-220020H	SWORKz 1/10 S14-3 Side Guard Set in Pro-composite Hard Material
SW-220020-3H	SWORKz 1/10 S14-3 S14-3 Battery Cover in Pro-composite Hard Material
SW-220021H	SWORKz 1/10 S14-3 Plastic Center Chassis T-Brace Set in Pro-composite Hard Material
SW-220022H	SWORKz 1/10 S14-3 Front and Rear Lower Arm Set in Pro-composite Hard Material
SW-334011	S14-3 12mm Wheel Hex (5.7mm)(Option)(2PC)
SW-334038	S14-3 12mm Wheel Hex (6.7mm)(Option)
SW-334039	S14-3 12mm Wheel Hex (7.7mm)(Option)
SW-344008	S14-3 Pro-composite Option Front Steering Upper Deak (Soft)(Option)
SW-354004-78	S14-3 High Performance CNC Center Slipper Cluth Spur Gear 78T
SW-354004-72	S14-3 High Performance CNC Center Slipper Cluth Spur Gear 72T
SW-220027FY	SWORKz 1/10 4WD Off Road Competition Front Dish Wheel (FY) (4PC)
SW-220026FY	SWORKz 1/10 2/4WD Off Road Competition Rear Dish Wheel (FY) (4PC)
SW-214004	S14-3 Series Sway Bar Kit (1.1/1.2/1.3/1.4/1.5/1.6/1.8/2.0mm)
SW-214005	S14-3 Center Slipper Clutch Complete Set (81T)
SW-214006	S14-3 Complete Front Shock Set (Without Springs)
SW-214007	S14-3 Complete Rear Shock Set (Without Springs)
SWC-115140	S14/S12/S104 Competition Shock SpringA2(45X1.2X8.5)(FY)
SWC-115141	S14/S12/S104 Competition Shock SpringA3(45X1.2X8.0)(GN)
SWC-115142	S14/S12/S104 Competition Shock SpringB1(60X1.2X10.75)(PN)
SWC-115143	S14/S12/S104 Competition Shock SpringB2(60X1.2X10.25)(FO)
SWC-115146	S14/S12/S104 Competition Shock SpringA5(45X1.2X7.0)(PR)
SWC-115147	S14/S12/S104 Competition Shock SpringB4(60X1.2X9.25)(SB)



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