

S12-2

1/10 Off Road 2WD Racing Electric



SWORKZ S12-2 INSTRUCTION MANUAL

S12-2

1/10 Off Road 2WD Racing Electric Buggy

Descrizione

La SWORKz S12-2 1/10 2WD è progettata per le competizioni di alto livello.

Le geometrie di questo modello esaltano la velocità in curva con una trazione e tenuta impressionante. È equipaggiata con un telaio in alluminio T7075 alleggerito, anodizzato, con trattamento indurente ed un disegno che consente fino a 6 diverse posizioni della batteria, la flessibilità del telaio inoltre, può essere modificata regolando gli irrigidimenti laterali.

Viene fornita con la torre di supporto ammortizzatori anteriore in carbonio da 4 mm e una geometria delle "C" anteriori completamente nuova. Nel kit sono già presenti anche le piastrine per la regolazione dell' Ackermann e le piastrine di sterzo in carbonio.

La S12-2 ha nuovi bracci inferiori angolati che forniscono una posizione di attacco inferiore degli ammortizzatori che abbassano il baricentro. Il kit è dotato di un sistema di sgancio rapido per il differenziale, che può essere montato in 3 diverse posizioni. I bracci inferiori posteriori sono angolati e la torre di ammortizzazione posteriore ha diverse posizioni in altezza. La scatola della trasmissione è stata progettata per il migliore bilanciamento tra dimensioni, affidabilità e leggerezza.

La torre dell'ammortizzatore posteriore è realizzata in carbonio, con il supporto di montaggio dell'alettone regolabile in altezza ed inclinazione.

La Carreggiata posteriore è regolabile con mozzi CVD regolabili in lunghezza inclusi nel kit.

La S12-2 è dotata di barra stabilizzatrice anteriore e di una barra stabilizzatrice posteriore completamente riprogettata.

La frizione anti-slittamento è realizzata con dischi di supporto in alluminio anodizzato indurito ed il materiale di attrito è resistente alle alte temperature, la corona centrale ha una protezione con inciso il logo SWORKz. Gli ammortizzatori sono realizzati con le tolleranze più basse possibili, il corpo ed il tappo "emulsion" sono induriti con un trattamento particolare, gli steli sono rivestiti in teflon per un movimento più fluido e con un attrito ridottissimo, questo ne consente un funzionamento altamente efficiente. Le molle "Black Line" con un nuovo supporto della molla che è progettato per proteggere dalla rotazione sono di serie anche nel kit di montaggio.

La nuova carrozzeria è stata testata per offrire il miglior comportamento aerodinamico.

Il team di sviluppo di SWORKz si è concentrato sull'utilizzo di materiali corrispondenti ai più elevati standard di qualità durante la progettazione dell'auto, troverai solo la qualità SWORKz al 100% nel kit S12-2.

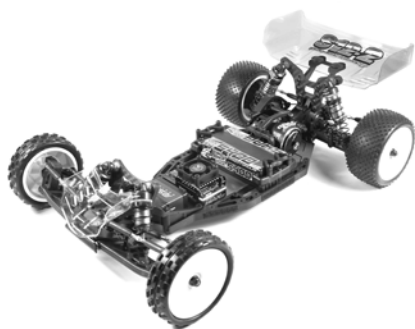
Congratulazioni per aver acquistato il nuovo kit buggy da competizione per fuoristrada SWORKz S12-2 in scala 1/10 e grazie per aver fiducia in SWORKz.

Leggere attentamente questo manuale prima di iniziare ad assemblare e guidare SWORKz S12-2. Questo manuale contiene istruzioni dettagliate per aiutarti a completare, preparare e mettere a punto il tuo automodello da competizione.

Aggiornamenti, setup e novità verranno pubblicati su tutti i media digitali SWORKz. Come sempre, per qualsiasi domanda o aiuto con i tuoi prodotti SWORKz, non esitare a contattare i nostri rivenditori e distributori ufficiali SWORKz.

Caratteristiche

1. Telaio in alluminio alleggerito anodizzato indurito T7075
2. Sistema di flessione regolabile con vari irrigidimenti laterali
3. 6 diverse posizioni della batteria
4. Torri supporto ammortizzatori antiurto in carbonio da 4 mm
5. Nuova geometria delle C-Hub anteriori
6. Piastrina Ackerman intercambiabile
7. Piastrine di sterzo in carbonio
8. Barra antirollio anteriore
9. Giunti omocineticici anteriori anodizzati super leggeri
10. Supporto per alettone anteriore
11. Piastrina convergenza anteriore in alluminio
12. Braccetti inferiori anteriori con design ad angolo
13. Piastrina Ackerman facilmente regolabile
14. Posizione differenziale regolabile
15. Sistema di sgancio rapido differenziale
16. Disegno della posizione inferiore dell' ammortizzatore posteriore basso con attacco superiore regolabile
17. Altezza dell'alettone posteriore regolabile
18. Inclinazione dell'alettone posteriore regolabile
19. Carreggiata posteriore regolabile con giunti CVD regolabili in lunghezza inclusi nel kit
20. Piastrina di regolazione convergenza posteriore in alluminio con logo SWORKz inciso
21. Supporto per barra stabilizzatrice posteriore riprogettato
22. Trascinatori ruote posteriori esagonali anodizzati con trattamento indurente
23. Torre supporto ammortizzatore posteriore in carbonio
24. Trasmissione superleggera ottimizzata
25. Frizione antislittamento con 2 cuscinetti e dischi anodizzati rigidi
26. Regolazione della frizione anti-oraria
27. Dischi frizione antislittamento realizzati in materiale resistente alle alte temperature
28. Protezione corona trasmissione con logo laser
29. Tappi ammortizzatori "Emulsion" in Alluminio
30. Viti supporto ammortizzatori con design unico
31. Molle ammortizzatori "Black Line"
32. Supporto molle protetto da rotazione
33. Stelo ammortizzatore rivestito in teflon
34. Corpo ammortizzatore con trattamento indurente
35. Leveraggio di sterzo con 6 cuscinetti e salvaservo
36. Piastra radio/elettronica a smontaggio rapido
37. Pad antiscivolo per batteria incluso
38. Posizione del motore bilanciata
39. Carrozzeria con design aerodinamico ed ottimizzato.



Specification	
Lunghezza:	410mm
Larghezza:	242-248mm
Altezza:	148mm
Altezza da terra:	40mm
Passo:	282-284mm
Carregiatta:	Anteriore:220mm / Posteriore:221mm
Rapporto:	C81/P21
Peso:	1400g+/-10g (Race Condition)

WARRANTY

Your SWORKz S12-2 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.



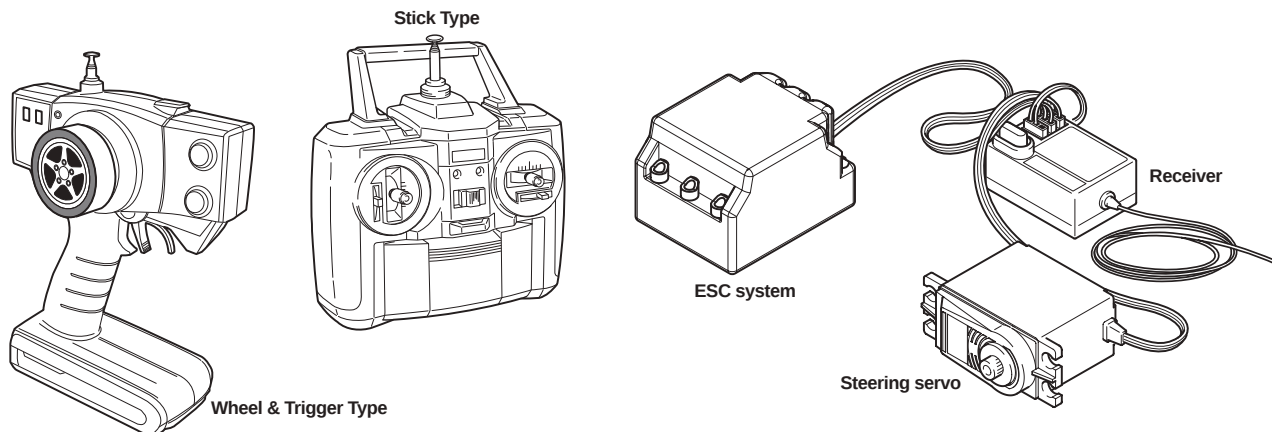
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Set-up sheet	28
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Explosion view with spare parts number	34-35



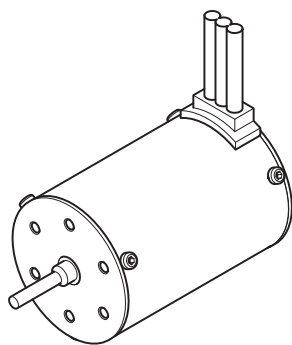
This radio control racing car is not a toy!
This high-performance R/C model is recommended for ages 14 and older.

Required Equipment for Operation

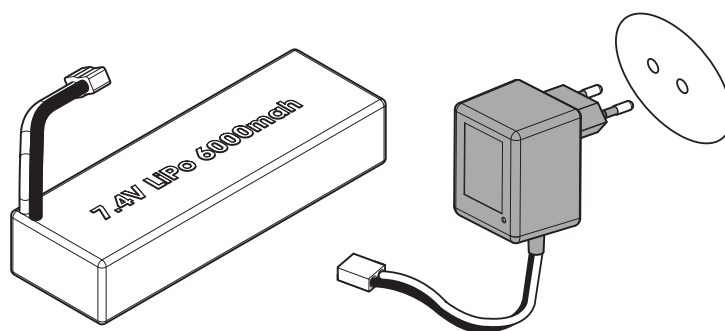
Radio Gear



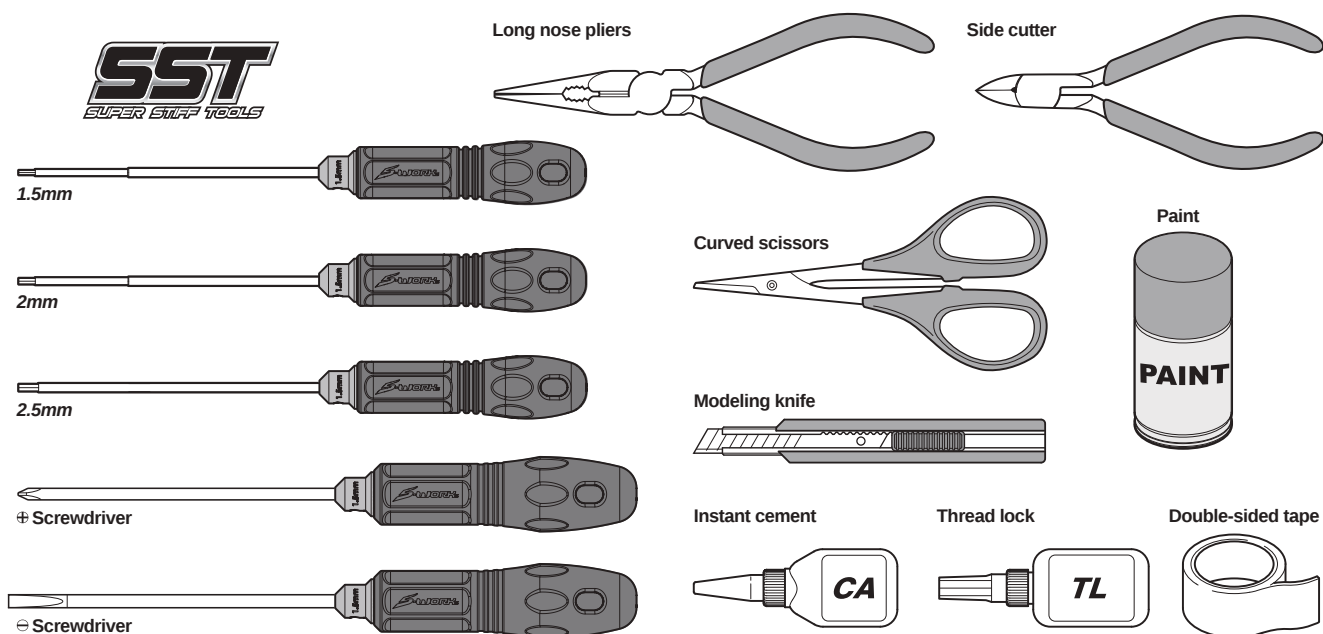
Breshless Motor



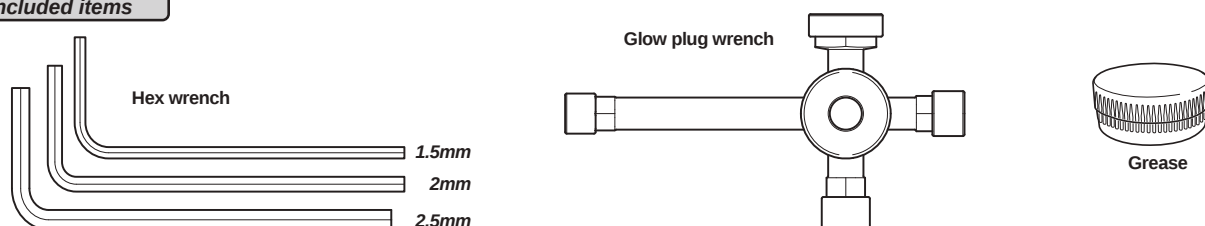
Charger and LiPo Battery



Tools Recommended



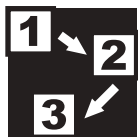
Included items



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



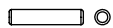
Pure Silicone Oil

Safety Precautions

The SWORKz S12-2 is a high performance radio control model which needs to be operated with caution and common sense.

The S12-2 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.

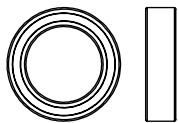
- The LiPO Battery can be dangerous if improperly handled.
- Always keep your LiPO Battery in a cool area and never use it near flames, sparks, or while smoking.
- Keep your LiPO Battery, and all other flammables, out of the reach of children.
- After running your car, all parts of the Motor and ESC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



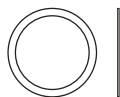
330283
Pin M2x10mm x2



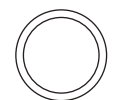
400002
O-ring S5 4.8x1.5 x2



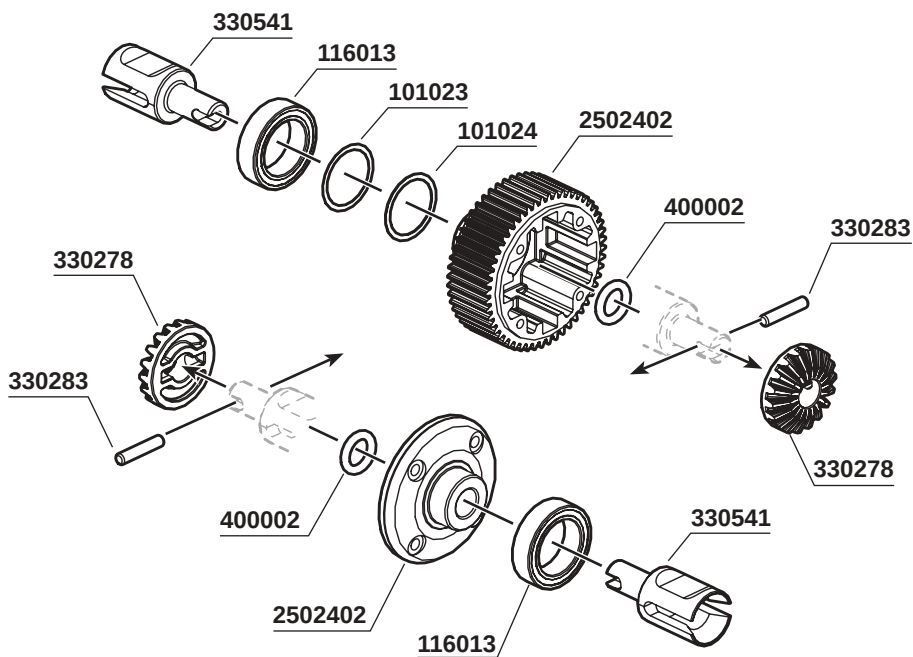
116013
Ball Bearing 10x15x4mm x2



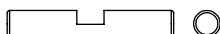
101024
10x12x0.2mm S104 Shim x1



101023
10x12x0.1mm S104 Shim x1



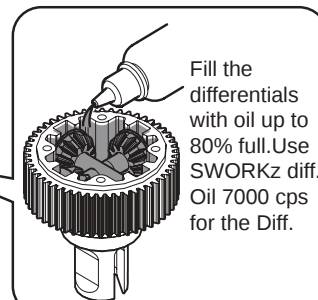
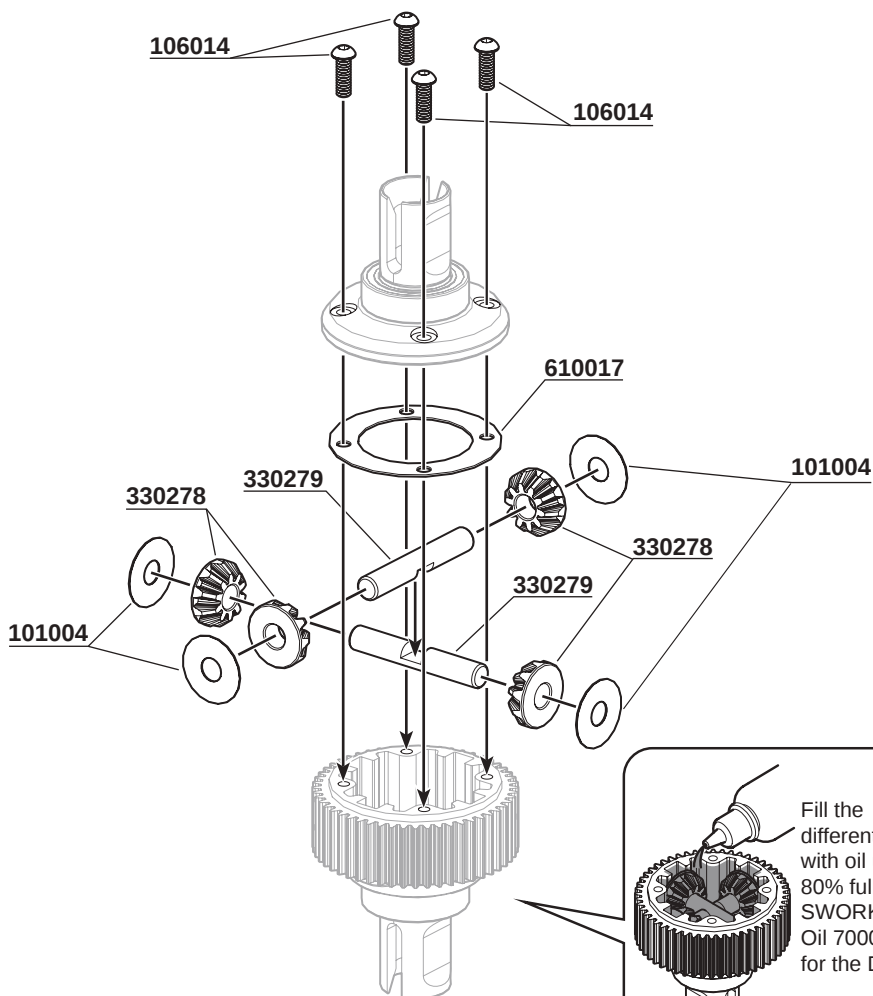
106014
M2x6mm Hex Socket OH/TP Screw x4



330279
Bevel Gear Shaft x2



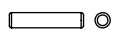
101004
Shim 3.5x10x0.2mm x4



BAG C

3

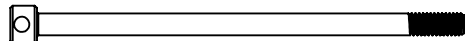
1 2 3



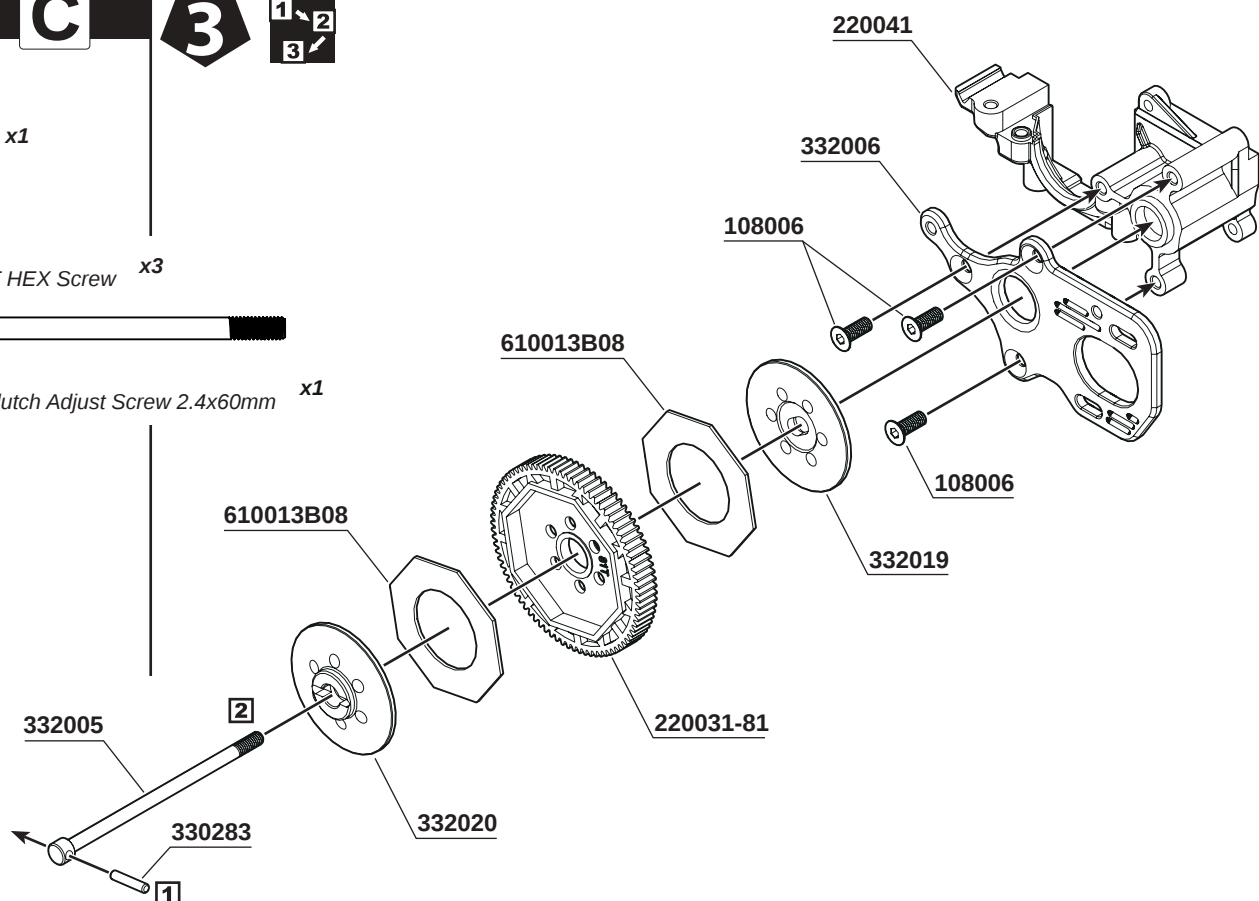
330283
Pin M2x10mm x1



108006
M3x8mm FH/ST HEX Screw x3



332005
S12-2 Slipper Clutch Adjust Screw 2.4x60mm x1



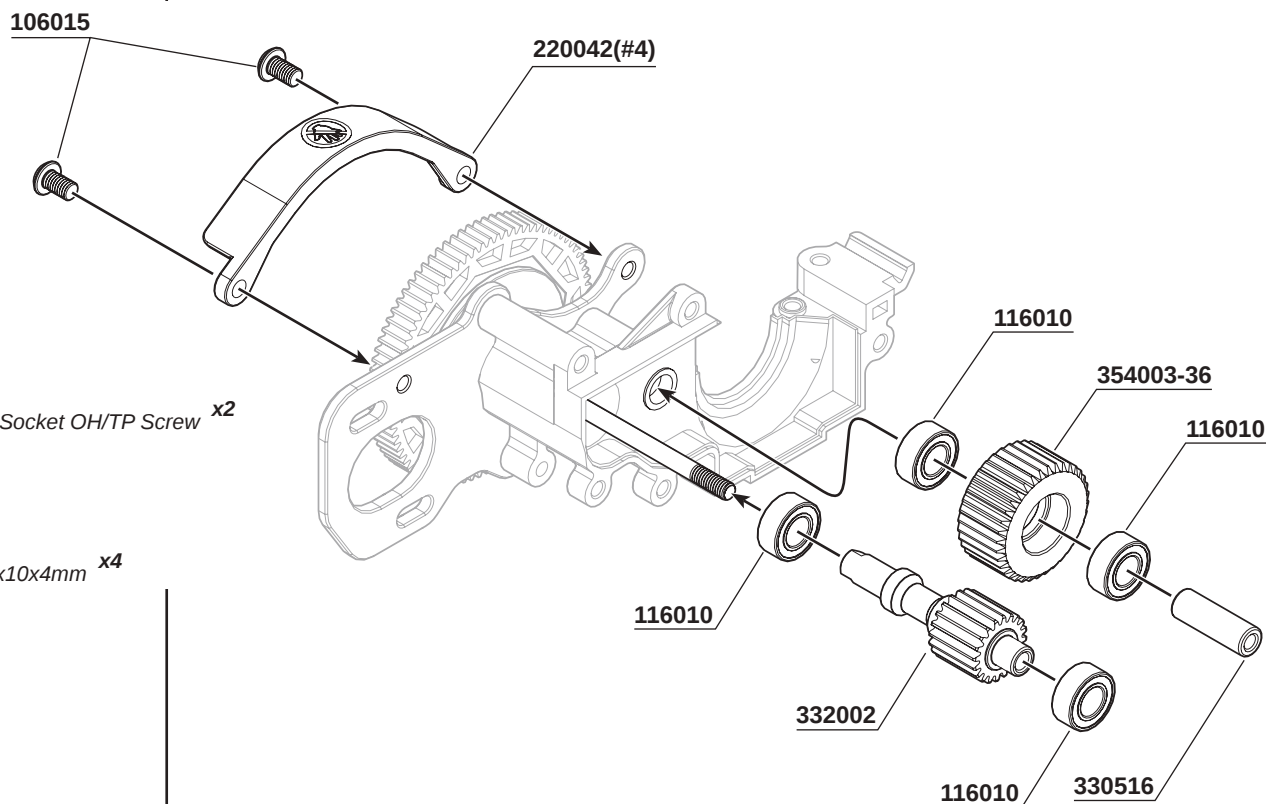
4



106015
M3x5mm Hex Socket OH/TP Screw x2



116010
Ball Bearing 5x10x4mm x4





101012
Washer M3x6xT0.5mm x2



103001
M3 Nut Lock x1



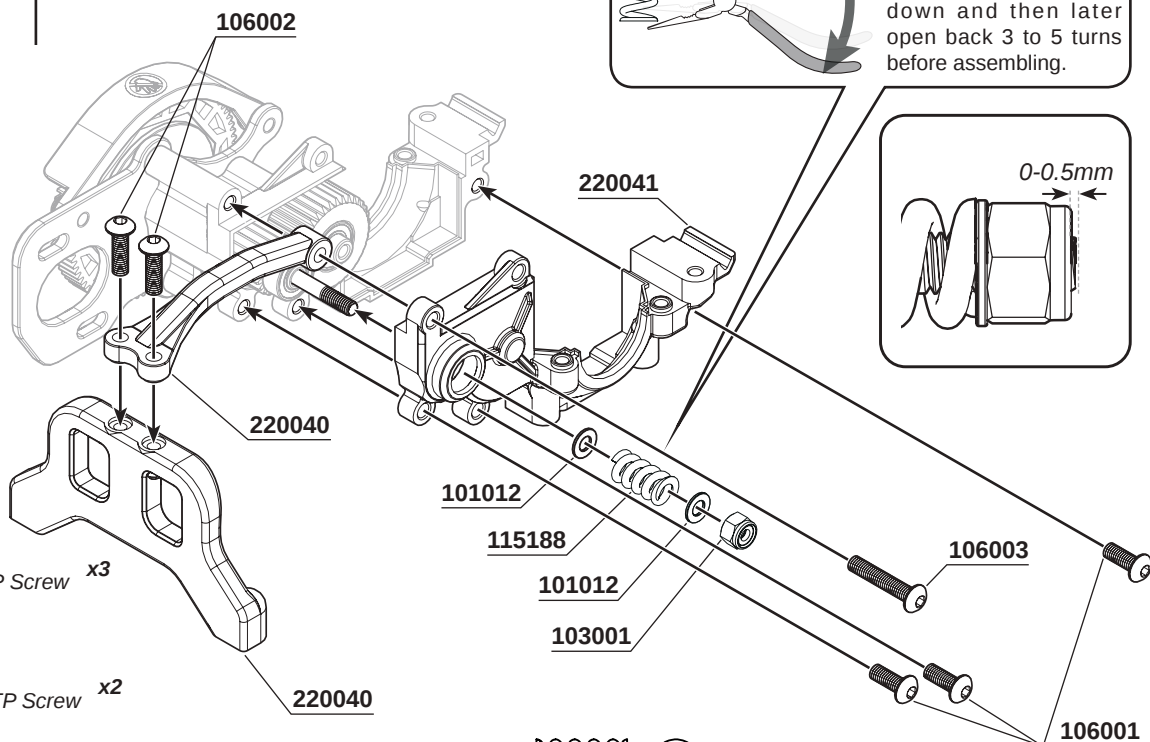
106001
M3x8mm Hex Socket OH/TP Screw x3



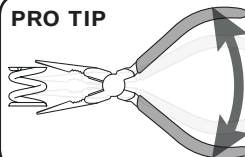
106002
M3x10mm Hex Socket OH/TP Screw x2



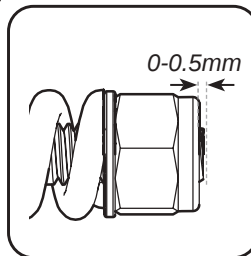
106003
M3x16mm Hex Socket OH/TP Screw x1



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.

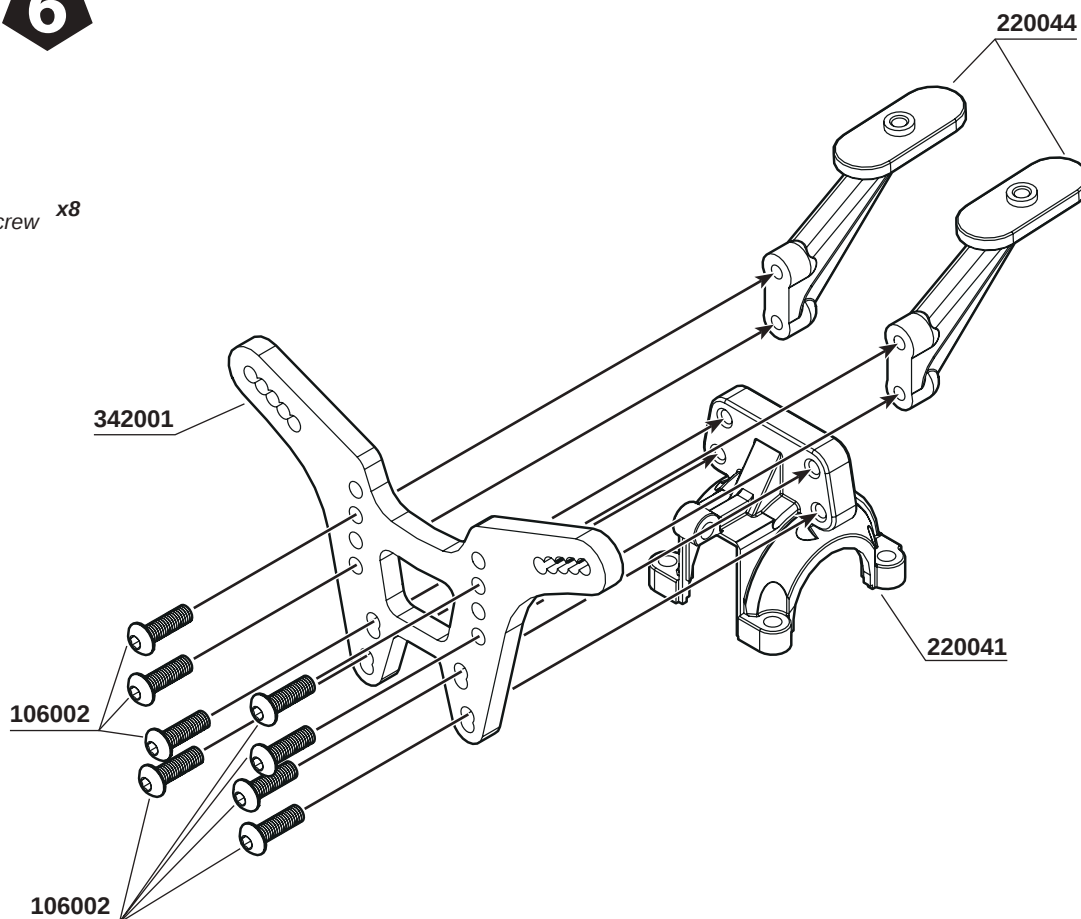


115188
SWORKz 1/10 Slipper Clutch Spring (D1.4x12mm) x1

115189
SWORKz 1/10 Slipper Clutch Spring (D1.6x12mm)(RD) x1



106002
M3x10mm Hex Socket OH/TP Screw x8





106002
M3x10mm Hex Socket OH/TP Screw x4

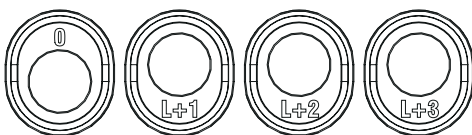


106008
M3x12mm Hex Socket OH/TP Screw x1

220045(#0)

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.



106002

106002

220045(#0)

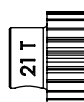
106008



104004
M3x3mm Set Screw x1



101026
Washer M3x6xT1.5mm x2



330410
SWORKz 1/10 Motor Pinion Gear 21T x1



106001
M3x8mm Hex Socket OH/TP Screw x2

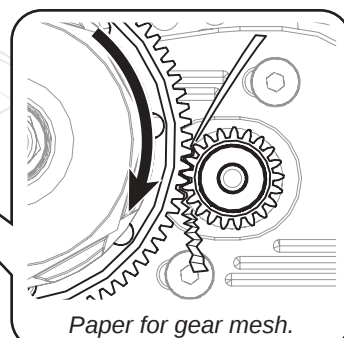
101026

106001

BrushLess 540 Motor
is not included

104004

330410



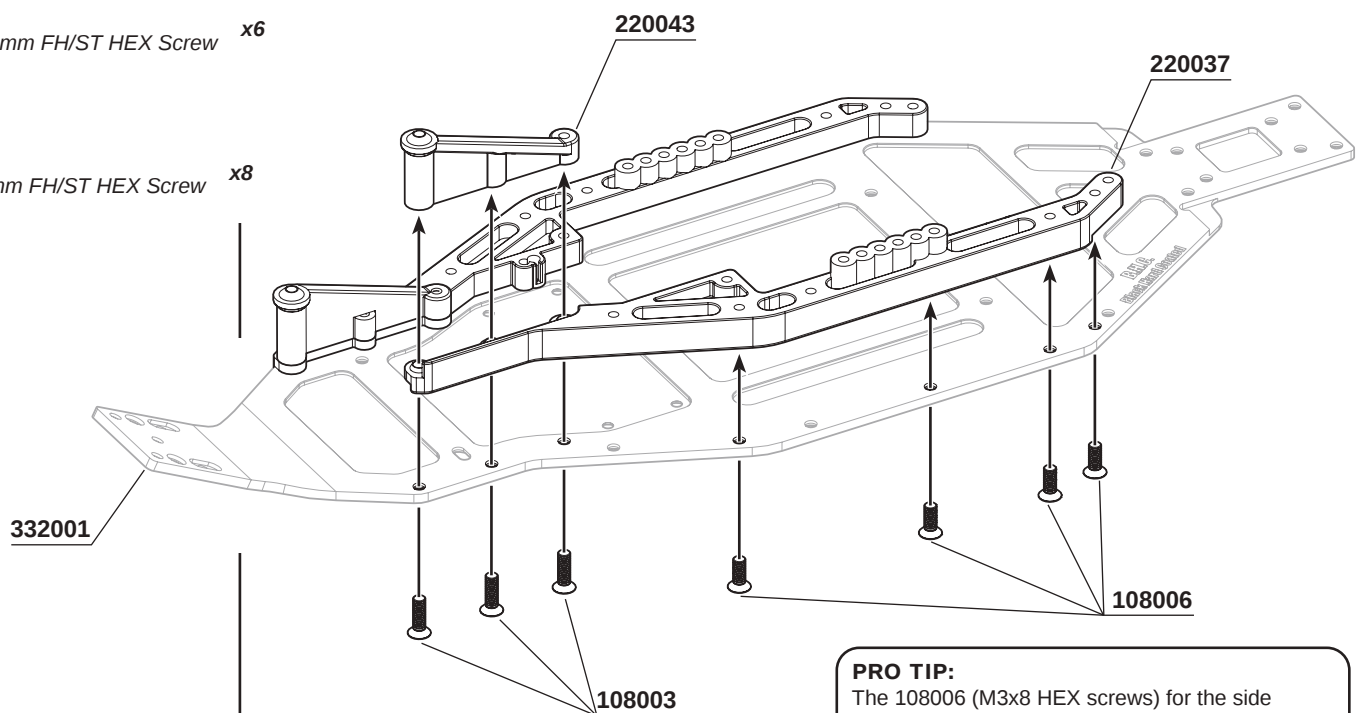
Paper for gear mesh.



108003
M3x10mm FH/ST HEX Screw x6



108006
M3x8mm FH/ST HEX Screw x8

**OPTION:**

SW-220037H

S12-2 Side Guard Set in Pro-composite Hard Material

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.



108006
M3x8mm FH/ST HEX Screw x2



108014
M3x4mm FH/ST HEX Screw x1



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



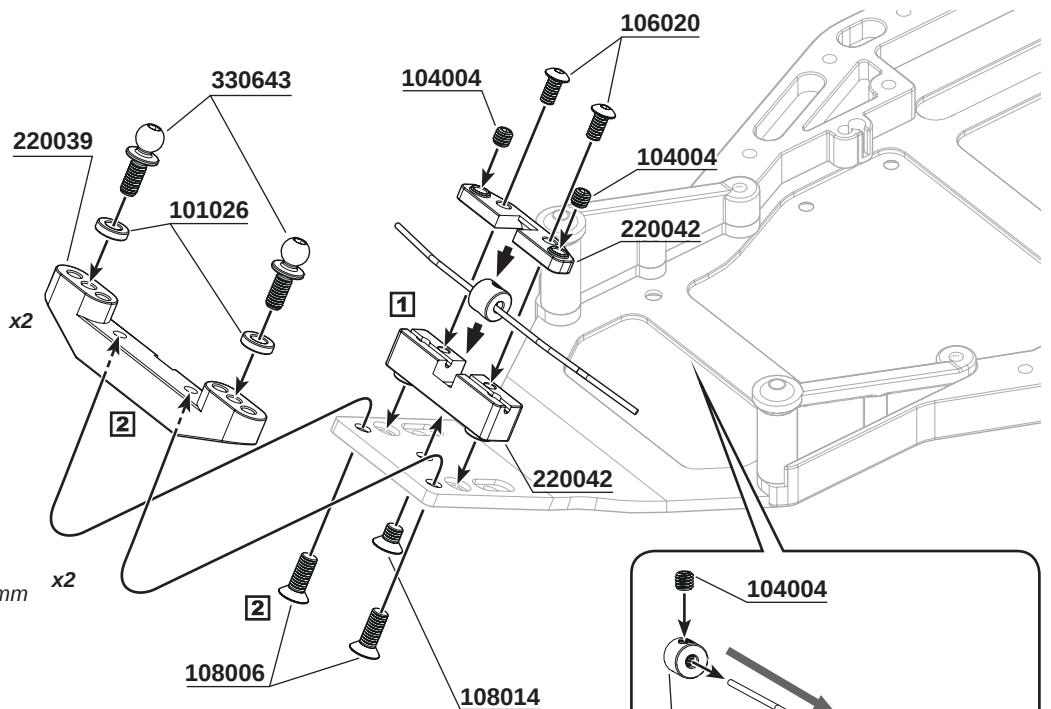
330643
Steering Linkage Ball Stud 5mm x2



101026
SWORKz Aluminum Washer 3X6X1.5mm x2



104004
M3x3mm Set Screw x3

**OPTION:**

SW-115173

S12-2 Front Sway Bar 1.1mm

SW-115174

S12-2 Front Sway Bar 1.2mm

SW-115175

S12-2 Front Sway Bar 1.3mm

OPTION:

SW-332028

S12-2 Aluminum Front Upper Arm Holder

11



106002
M3x10mm Hex Socket OH/TP Screw x2



330331
Steering Linkage Ball Stud 5mm x3



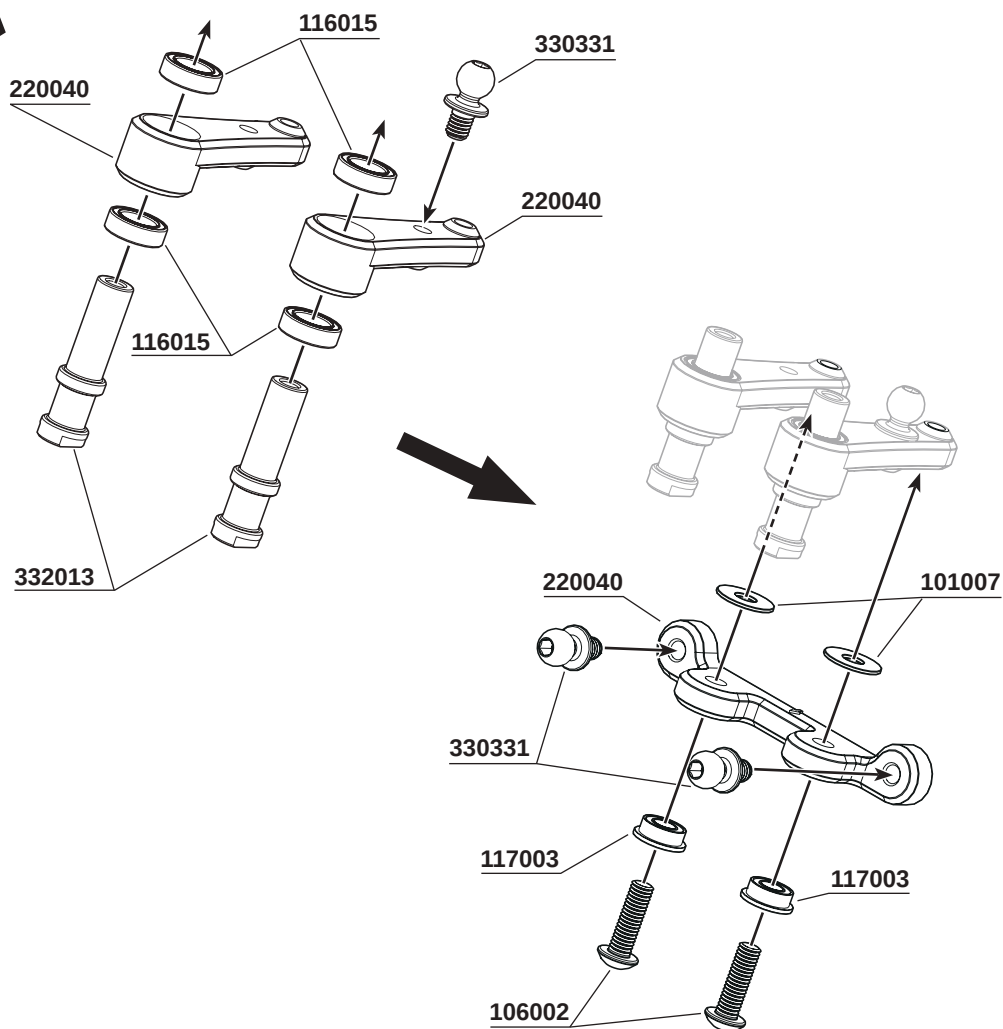
116015
Ball Bearing 5x8x2.5mm x4



117003
Flange Ball Bearing 3x6x2.5mm x2



101007
Washer 3x8x0.5mm x2

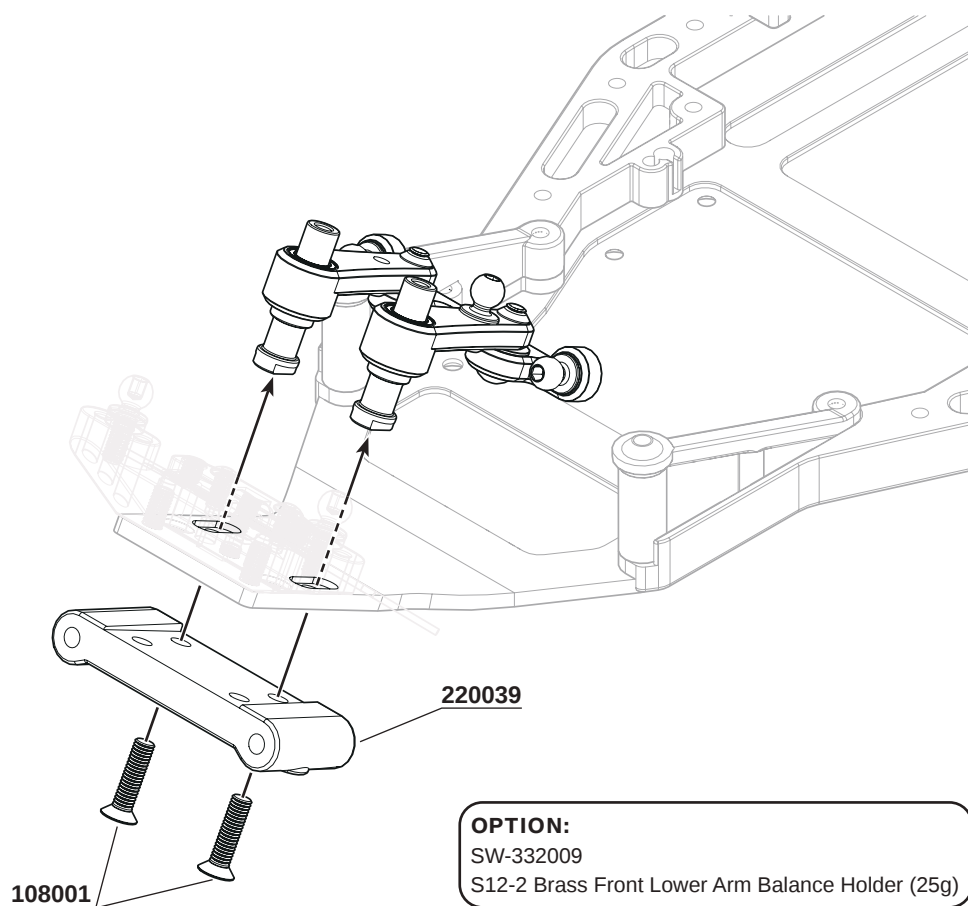


BAG D

12



108001
M3x12mm FH/ST HEX Screw x2



OPTION:

SW-332009

S12-2 Brass Front Lower Arm Balance Holder (25g)

S12-2

12

SWORKZ



106002
M3x10mm Hex Socket OH/TP Screw x4



108006
M3x8mm FH/ST HEX Screw x3



104012
M3x12mm Set Screw x1



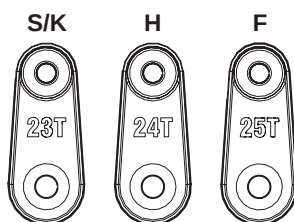
101012
Washer M3x6xT0.5mm x4



101026
SWORKz Aluminum Washer 3X6X1.5mm x2



330331
Steering Linkage Ball Stud 5mm x1



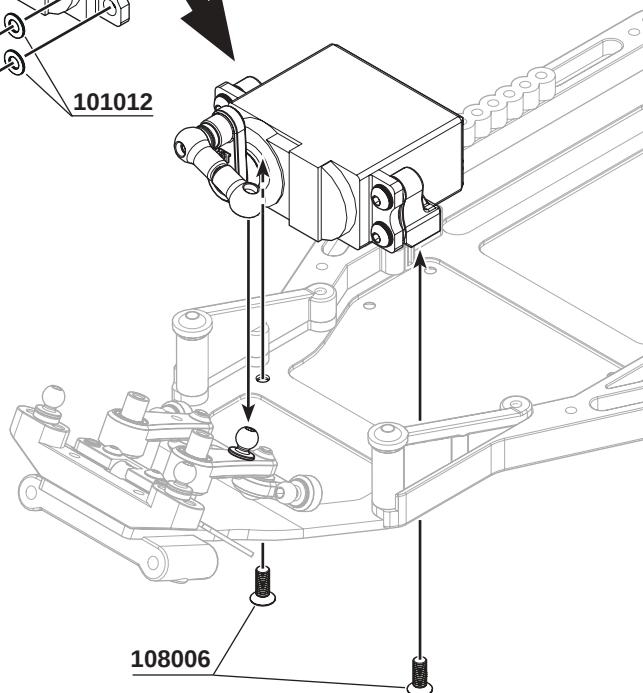
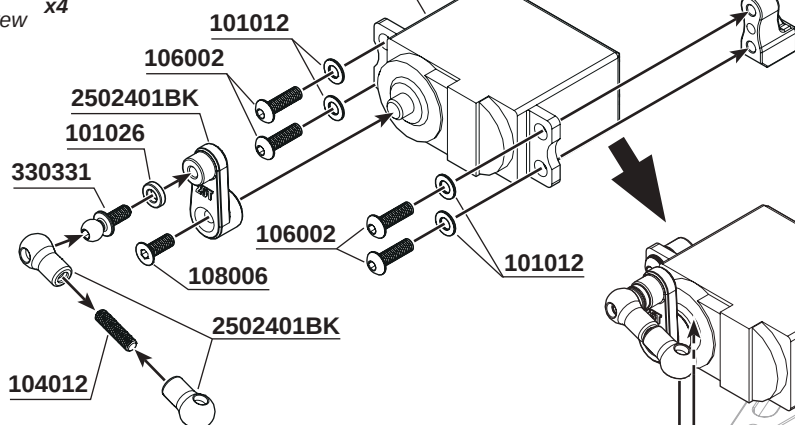
2502401BK

13

Steering servo
Not included

220044

PRO TIP:
101026 need to
remove when using
different servos.



14



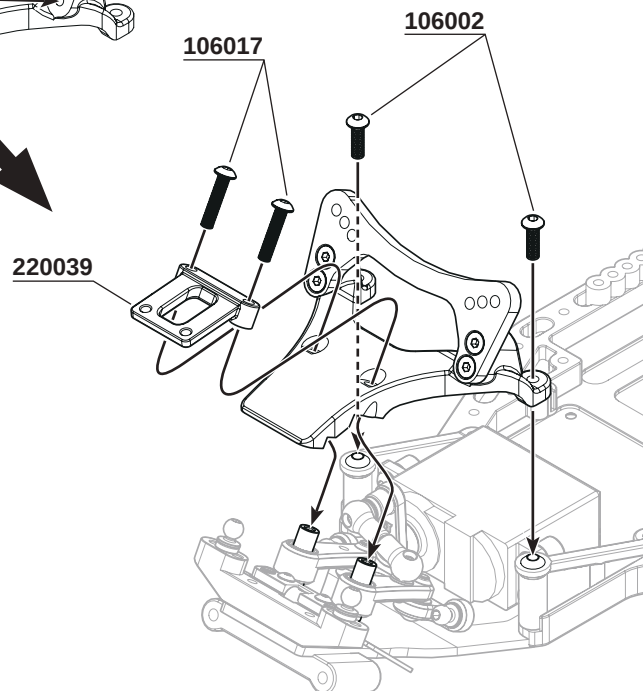
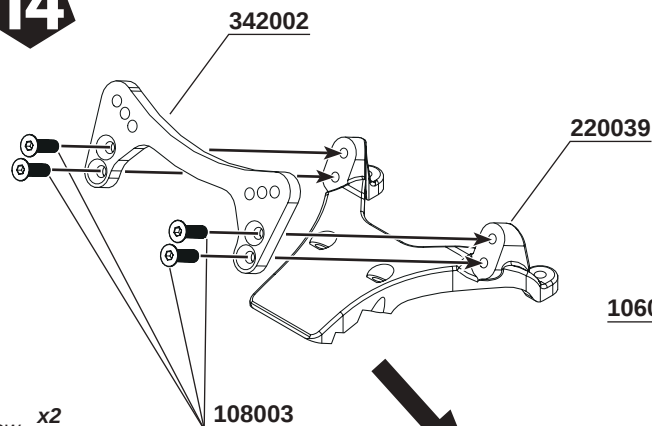
108003
M3x10mm FH/ST HEX Screw x4



106002
M3x10mm Hex Socket OH/TP Screw x2



106017
M3x14mm Hex Scket OH/TP Screw x2





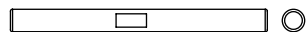
108005
M3x14mm FH/ST HEX Screw x2



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



104004
M3x3mm Set Screw x4



330537
Rear Hub Carriers Hinge Pin x2

332015

330537

OPTION:

SW-220035H

S12-2 Front Lower Arm Set in Pro-composite Hard Material

1:1

F ←

16mm

14mm

330315

220047

Right



106010
M3x6mm FH/ST HEX 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



116010
Ball Bearing 5x10x4mm x4



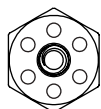
103001
M3 Nut Lock x2



330643
Steering Linkage Ball Stud 5mm x4

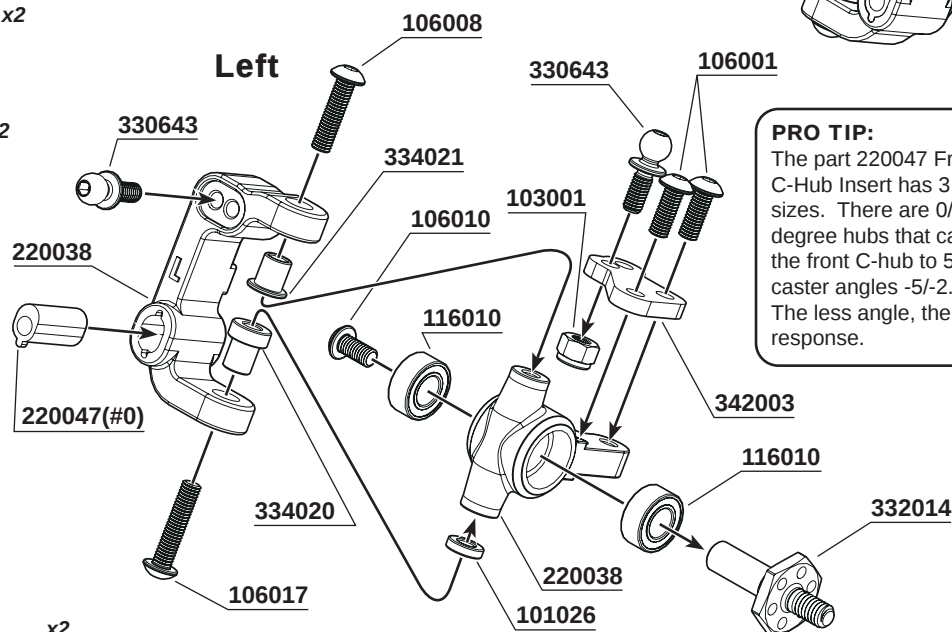


101026
SWORKz Aluminum Washer 3X6X1.5mm x2



332014
Steering Hub Hinge Pin x2

Left

**PRO TIP:**

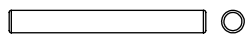
The part 220047 Front C-Hub Insert has 3 different sizes. There are 0/2.5/5 degree hubs that can change the front C-hub to 5 different caster angles -5/-2.5/0/2.5/5. The less angle, the faster the response.



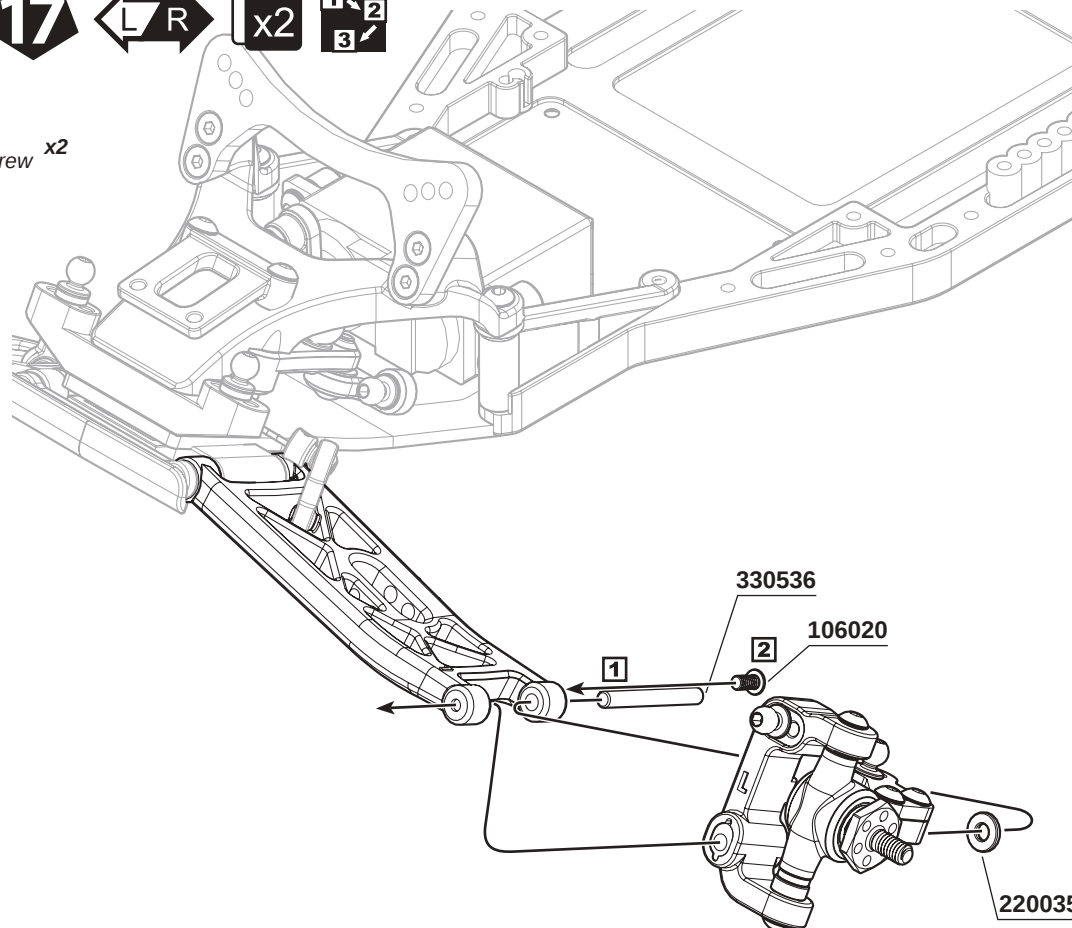
106020
M2.5x5mm Hex Socket OH/TP Screw x2



220035
Insert M3x7xT1mm x2



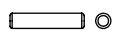
330536
Rear Hub Carriers Hing Pin x2



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



338011
SWORKz Pinion Gear Stopper (5x7x5.1mm) x2



330283
Pin M2x10mm x2

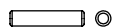


116010
Ball Bearing 5x10x4mm x2

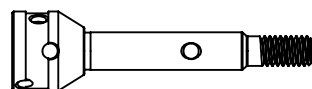


116019
Ball Bearing 5X13X4mm x2

Spare Parts of CVD



330283
Pin M2x10mm x2



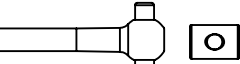
332010
S12-2 CVD Axil x2



332011
S12-2 CVD Axil Holder x2



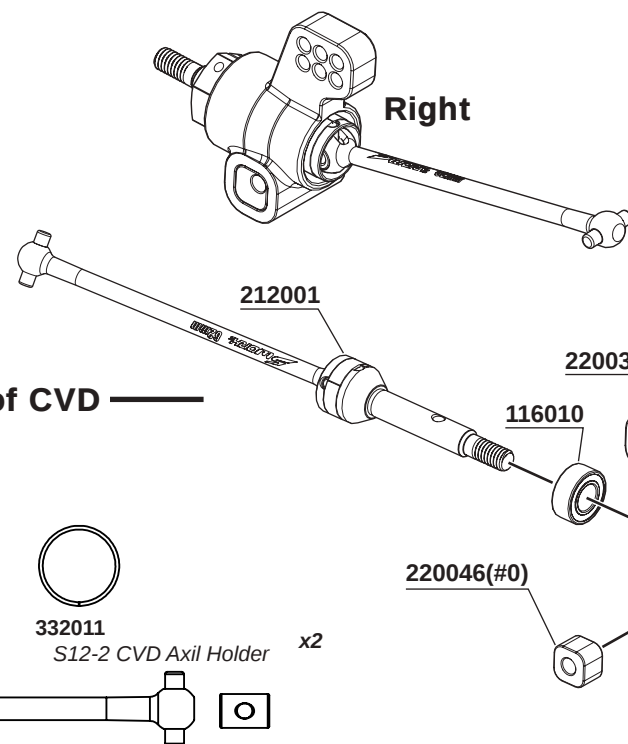
332012
S12-2 Rear Drive Shaft (62mm) x2



330295
S104 CVD Join x2



212001
S12-2 Rear CVD Drive Shaft Set 62mm x2



PRO TIP:

The part 220046 has 3 Rear Hub Inserts that come in different types which offers several different rear hub angles. Please take note when you are using different insert hub positions, the rear drive axle also change in distance.



106020
M2.5x5mm Hex Socket OH/TP Screw

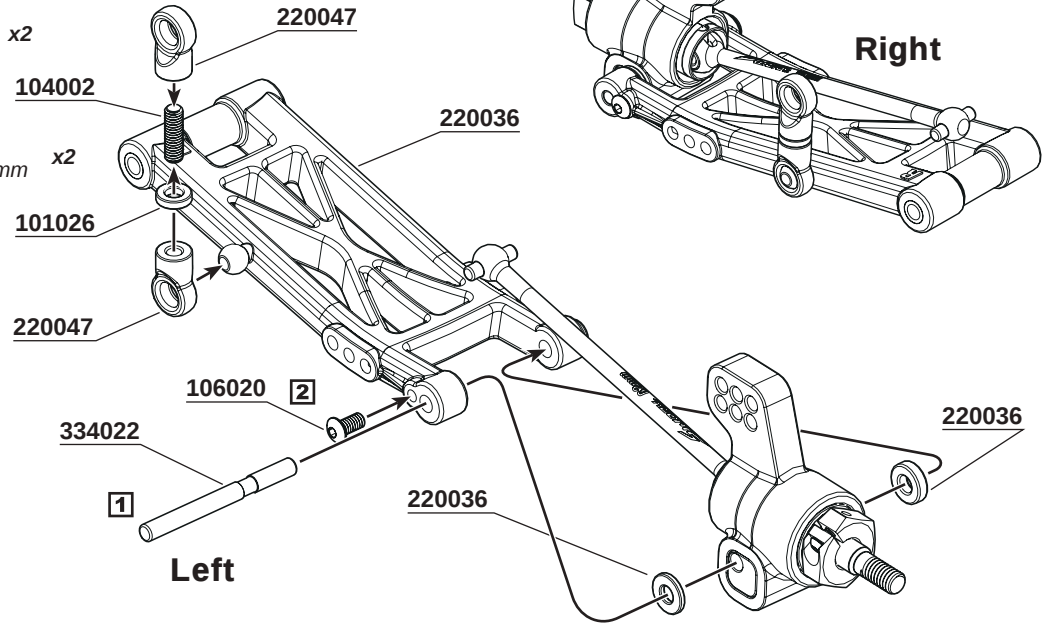


101026
SWORKz Aluminum Washer 3X6X1.5mm

19



x2

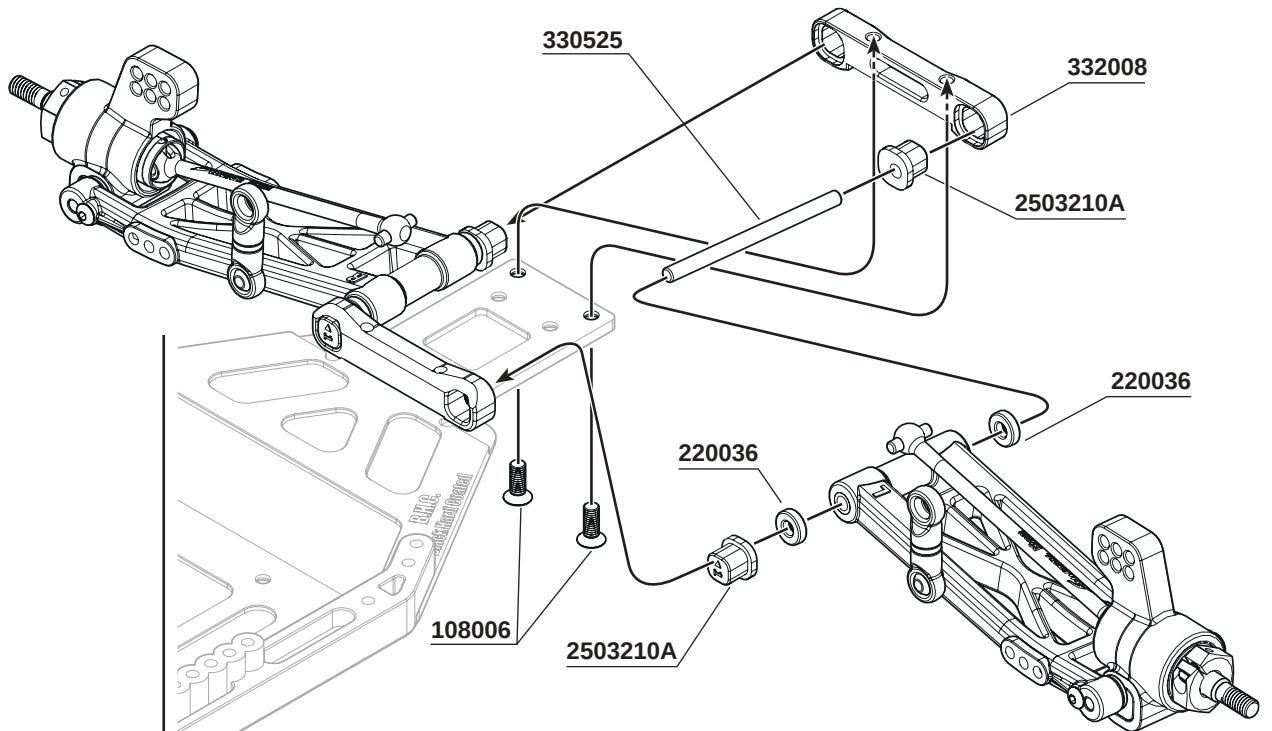
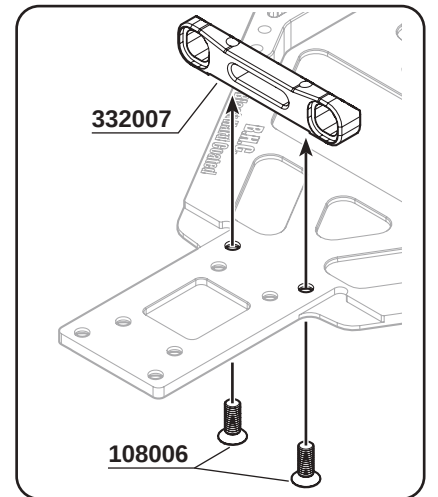


108006
M3x8mm FH/ST HEX Screw

20



x2





104004
M3x3mm Set Screw x3



104005
M3x4mm Set Screw x2



330643
Steering Linkage Ball Stud 5mm x2



106002
M3x10mm Hex Socket OH/TP Screw x2

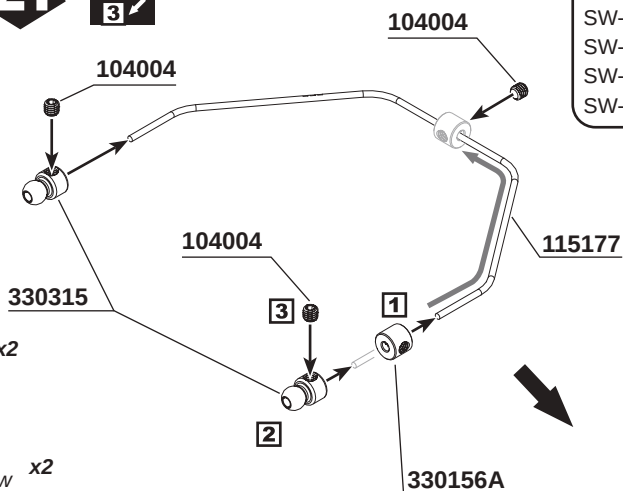


106010
M3x6mm FH/ST HEX Screw x2



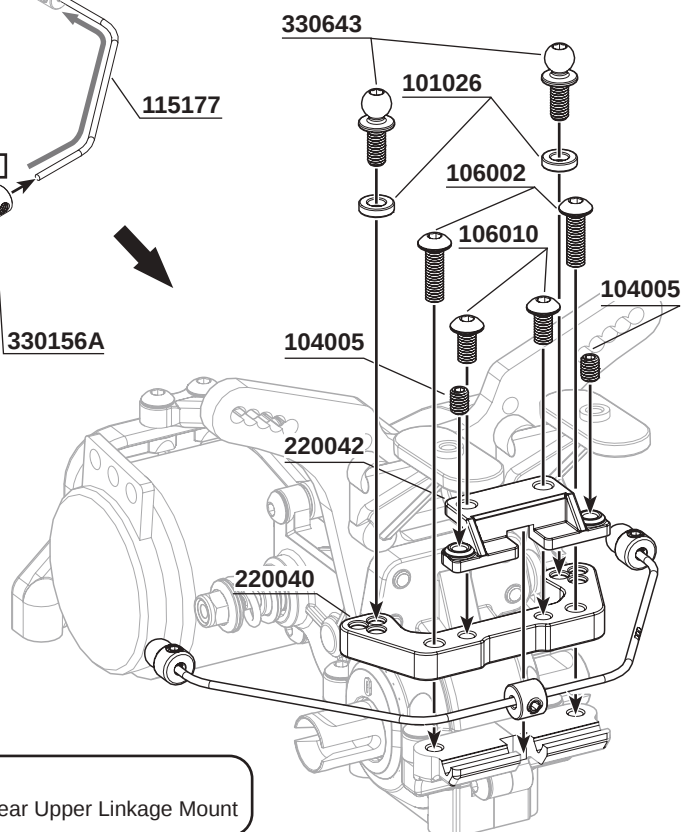
101026
SWORKz Aluminum Washer 3X6X1.5mm x2

21



OPTION:

SW-115176	S12-2 Rear Sway Bar 1.2mm
SW-115178	S12-2 Rear Sway Bar 1.4mm
SW-115179	S12-2 Rear Sway Bar 1.5mm
SW-115180	S12-2 Rear Sway Bar 1.6mm



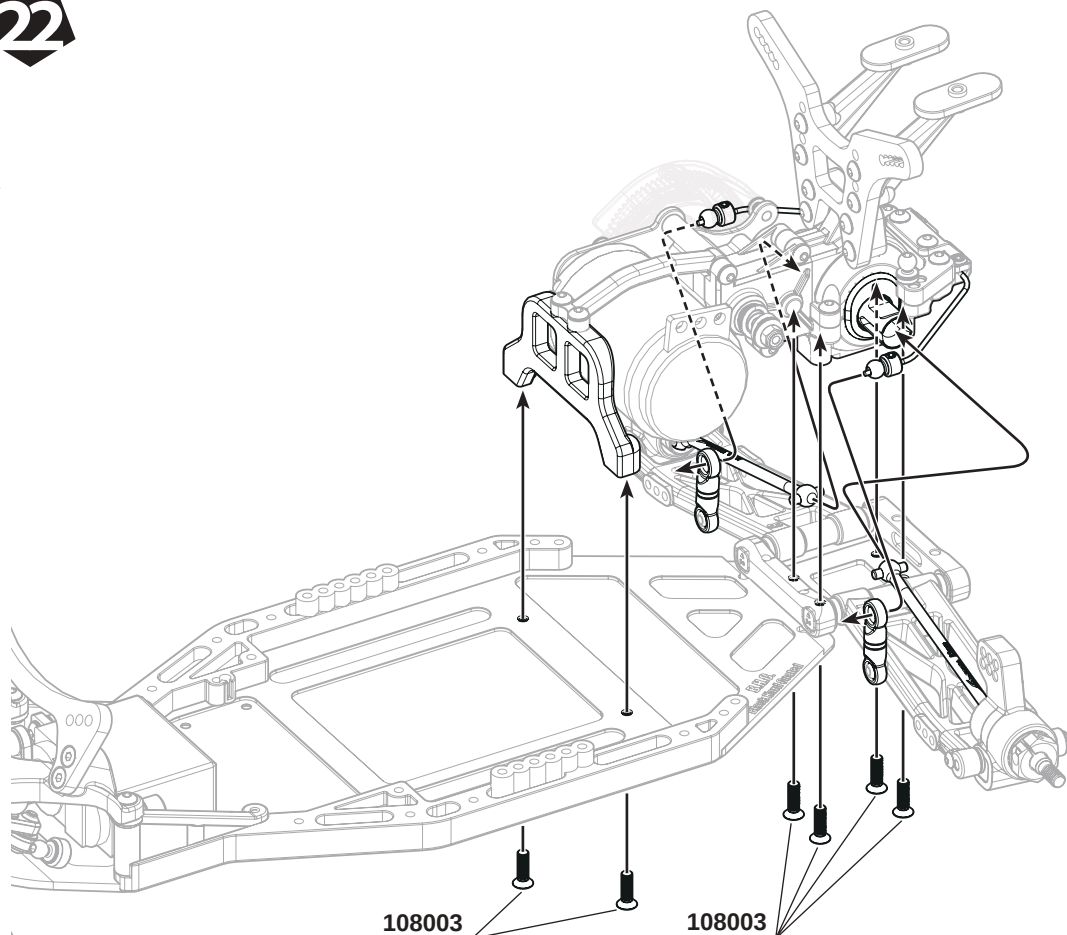
OPTION:

SSW-332029 S12-2 Aluminum Rear Upper Linkage Mount

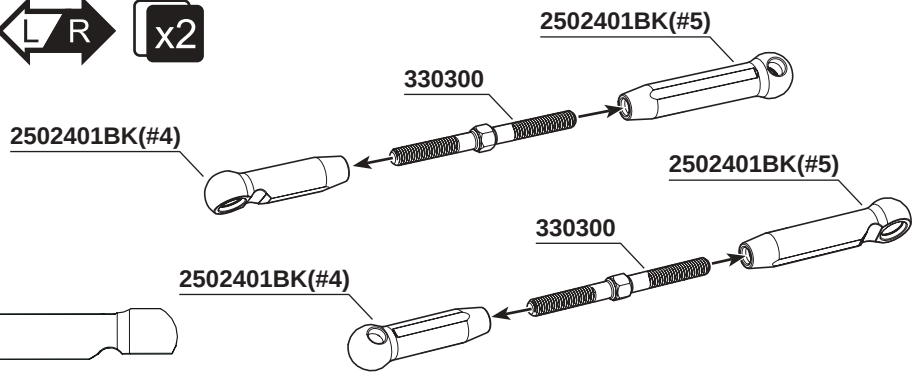
22



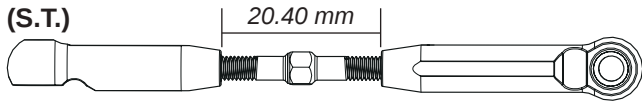
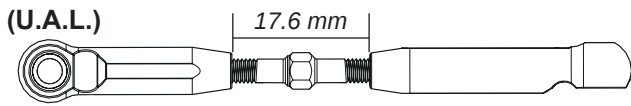
108003
M3x10mm FH/ST HEX Screw x6



23  **x2**

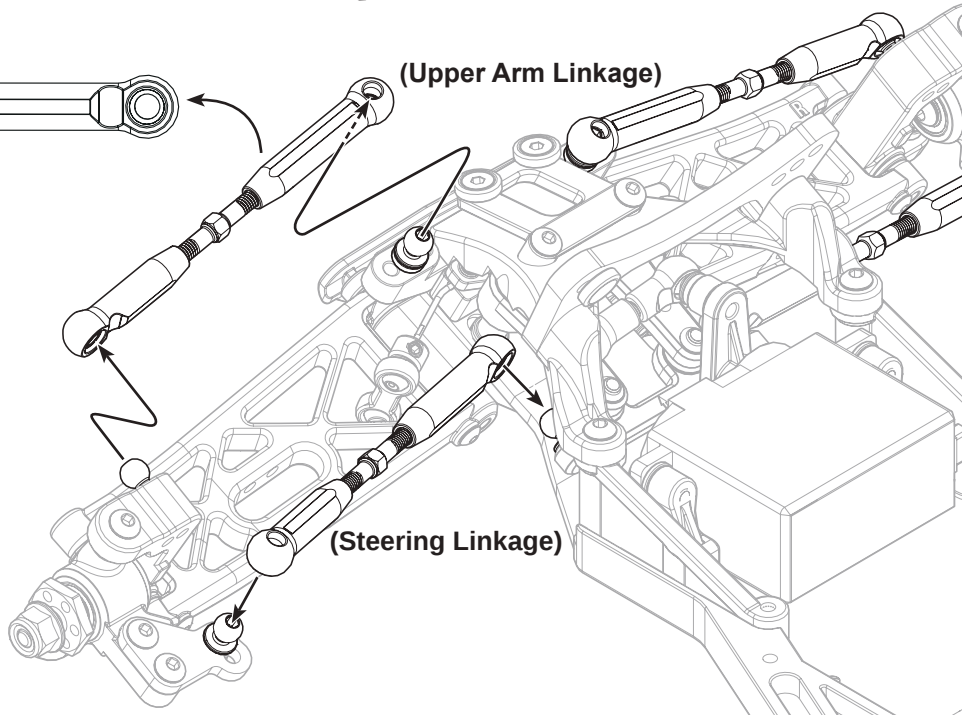


1:1



330300
Rear Upper Sus. Arm Turnbuckles

x4



24  **x2**

2502401BK(#4)

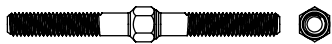
2502401BK(#5)

330300



330643
Steering Linkage Ball Stud 5mm

x2

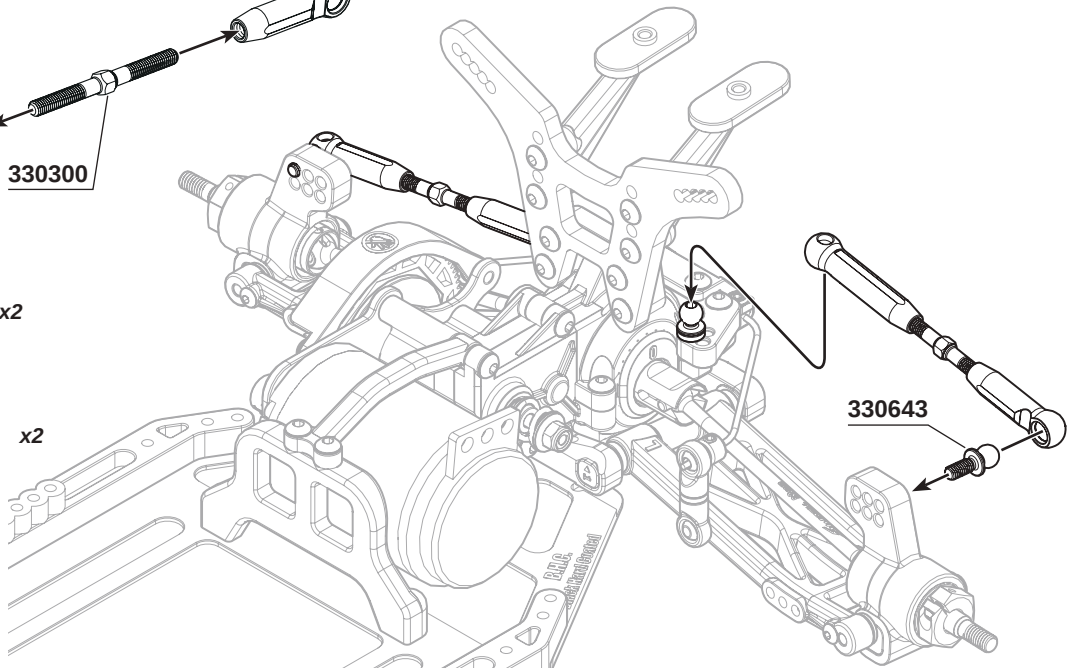
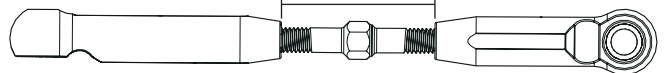


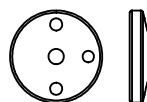
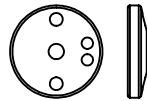
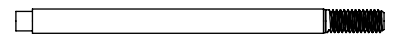
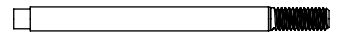
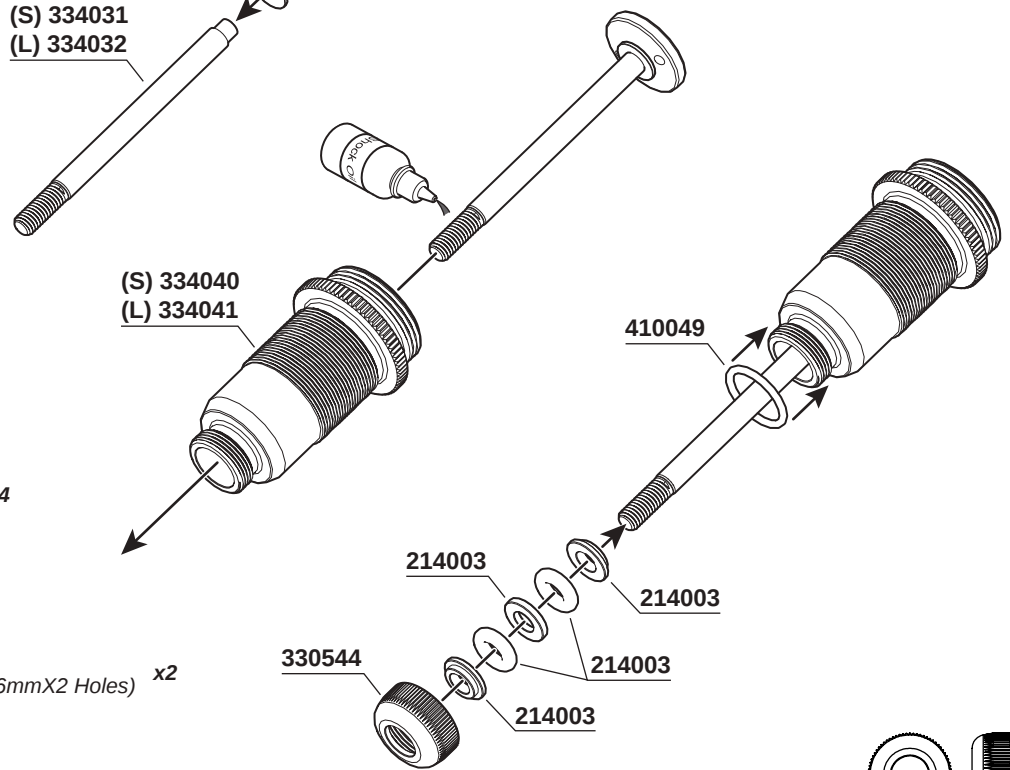
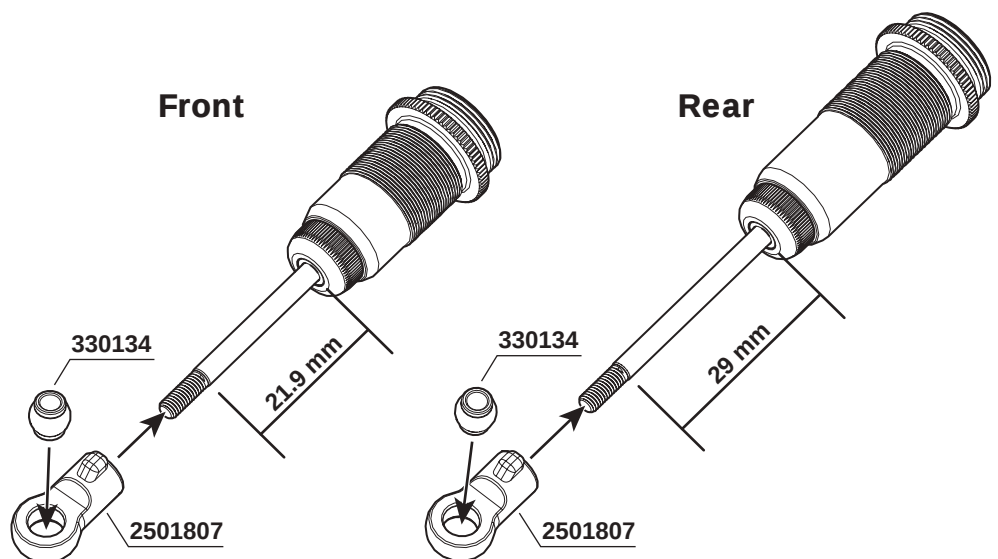
330300
Rear Upper Sus. Arm Turnbuckles

x2

1:1

18.0 mm



BAG**25****x2****For Front****x2****For Rear****106014**M2x6mm Hex Scket OH/TP Screw **x4****214003**Shock Washer 3.3x6.5x2.5mm **x8****101011**Shock Washer 2.6x6x0.5mm **x4****214003**Shock Washer 3.3x6.7x1mm **x4****214003**Shock Seal O-ring 3x6.6mm **x8****410049**Shock Seal Cap O-ring 8x10x1mm **x4****354005**S14/S104/S12 Series Shock Piston(1.6mmX2 Holes) **x2****354006**S14/S104/S12 Series Shock Piston(1.7mmX2 Holes) **x2**(F) 354005
(R) 354006**101011**(S) 334031
(L) 334032**106014****334031**
Shock Shaft L **x2****334032**
Shock Shaft S **x2****214003****410049****214003****214003****214003****330544****330544**Aluminum Shock Seal Cover **x4****330134**Shock Ball Stud **x4****26****x2****For Front****x2****For Rear****Front****Rear****330134**

21.9 mm

2501807**330134**

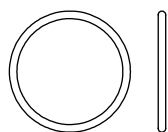
29 mm

2501807



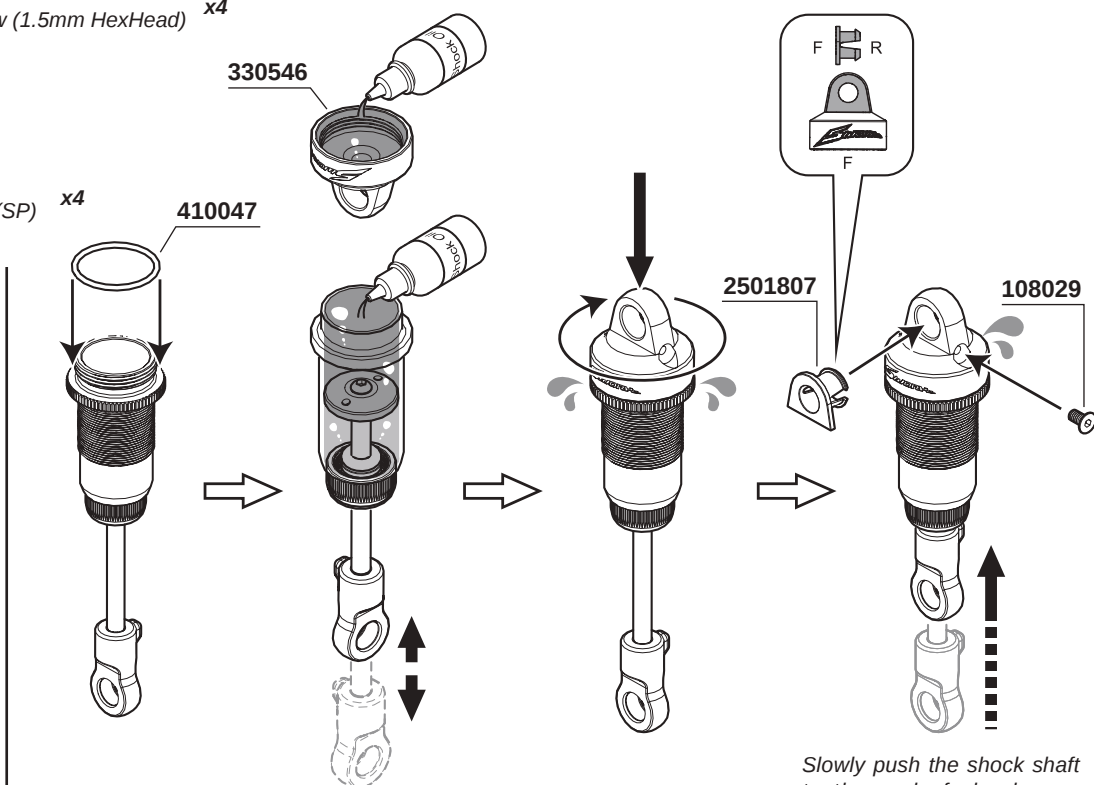
108029

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

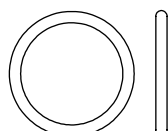


410047

SWORKz Shock Cap O-Ring (SP) x4

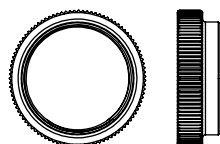


Slowly push the shock shaft to the end of shock cap. Then tight screw M2x4mm



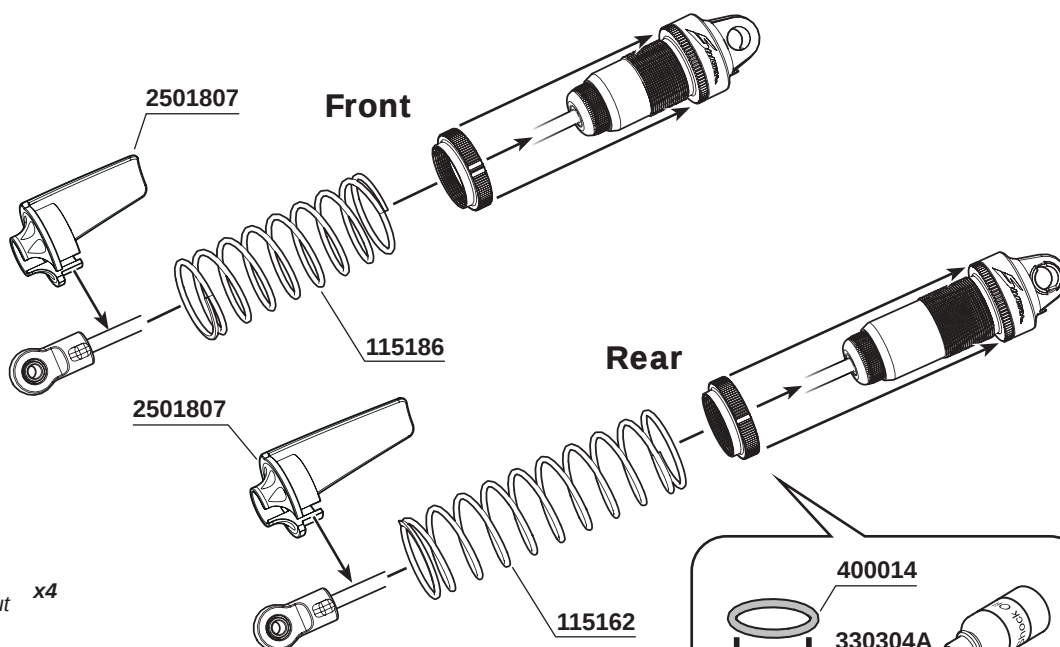
400014

O-Ring 1.5x13.5mm x4



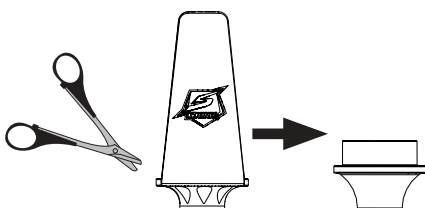
330304A

Aluminum Shock Spring Adjust Nut x4



PRO TIP:

For carpet racing, you may cut off the shock spring end dirt covers with a RC curve scissors.



OPTION:

SWC-115160 S14/S12 Black Competition Rear Shock Spring (L4-Dot)(57X1.1X7.5)
SWC-115161 S14/S12 Black Competition Rear Shock Spring (L3-Dot)(57X1.1X8.0)
SWC-115185 S12-2 Black Competition Front Shock Spring (US4-Dot)(38X1.2X6.0)
SWC-115187 S12-2 Black Competition Front Shock Spring (US2-Dot)(38X1.2X7.25)



105021
M3x6mm Taper head screw x2



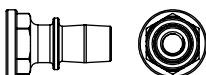
108001
M3x12mm FH/ST HEX Screw x2



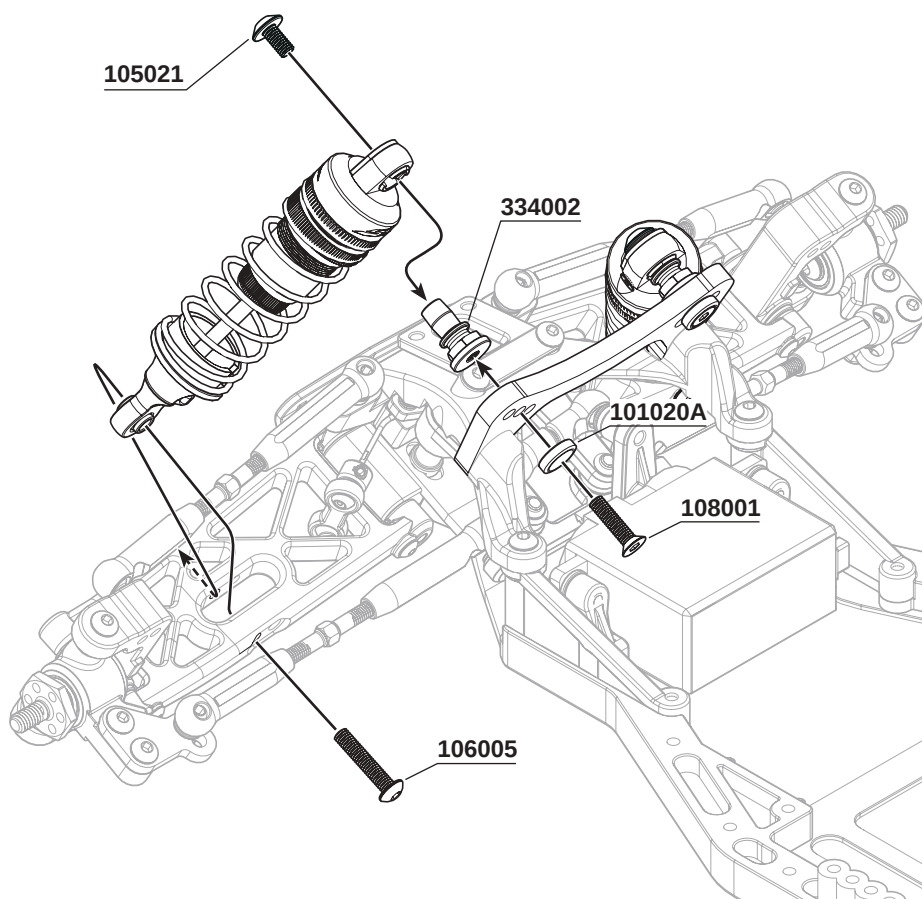
106005
M3x15mm Hex Socket OH/TP Screw x2



101020A
3mm Countersunk Washers (GM) x2



334002
Aluminum Shock Cap Stud x2



105021
M3x6mm Taper head screw x2



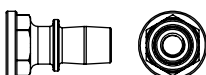
108001
M3x12mm FH/ST HEX Screw x2



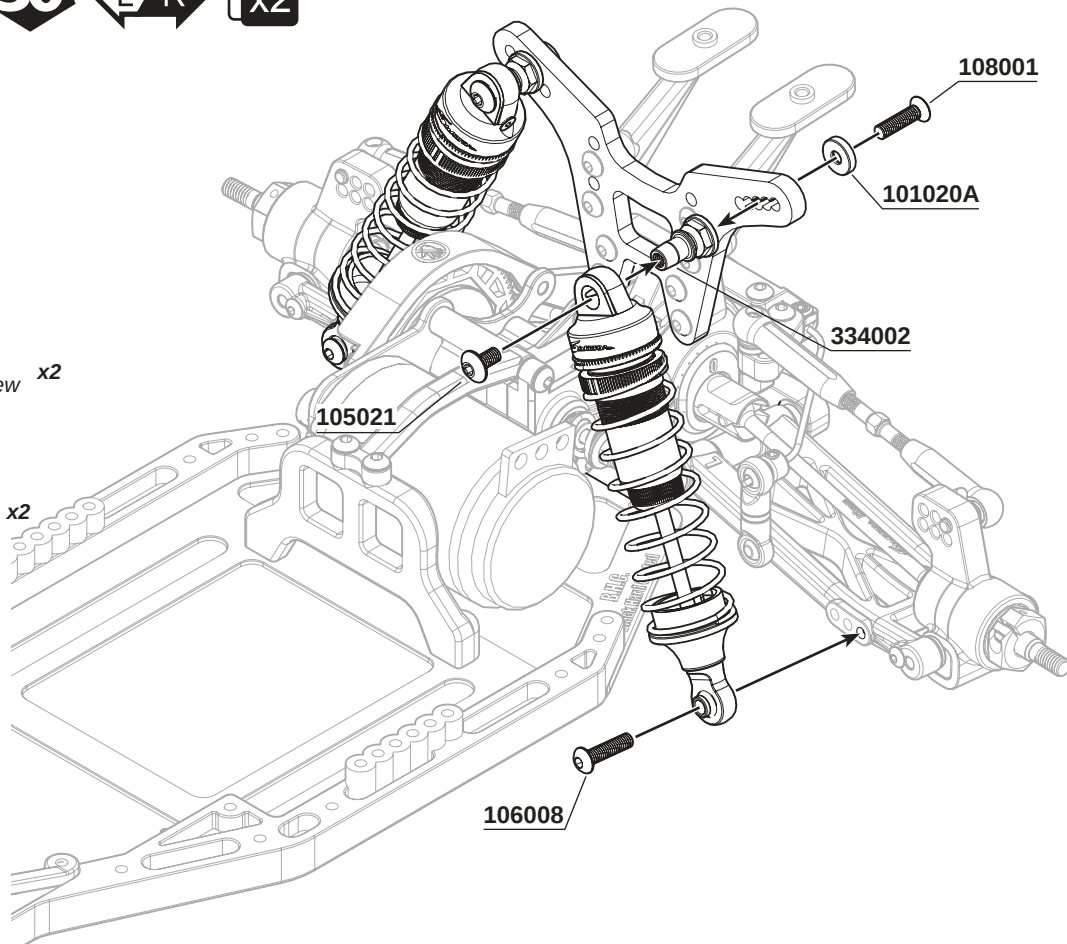
106008
M3x12mm Hex Socket OH/TP Screw x2



101020A
3mm Countersunk Washers (GM) x2



334002
Aluminum Shock Cap Stud x2

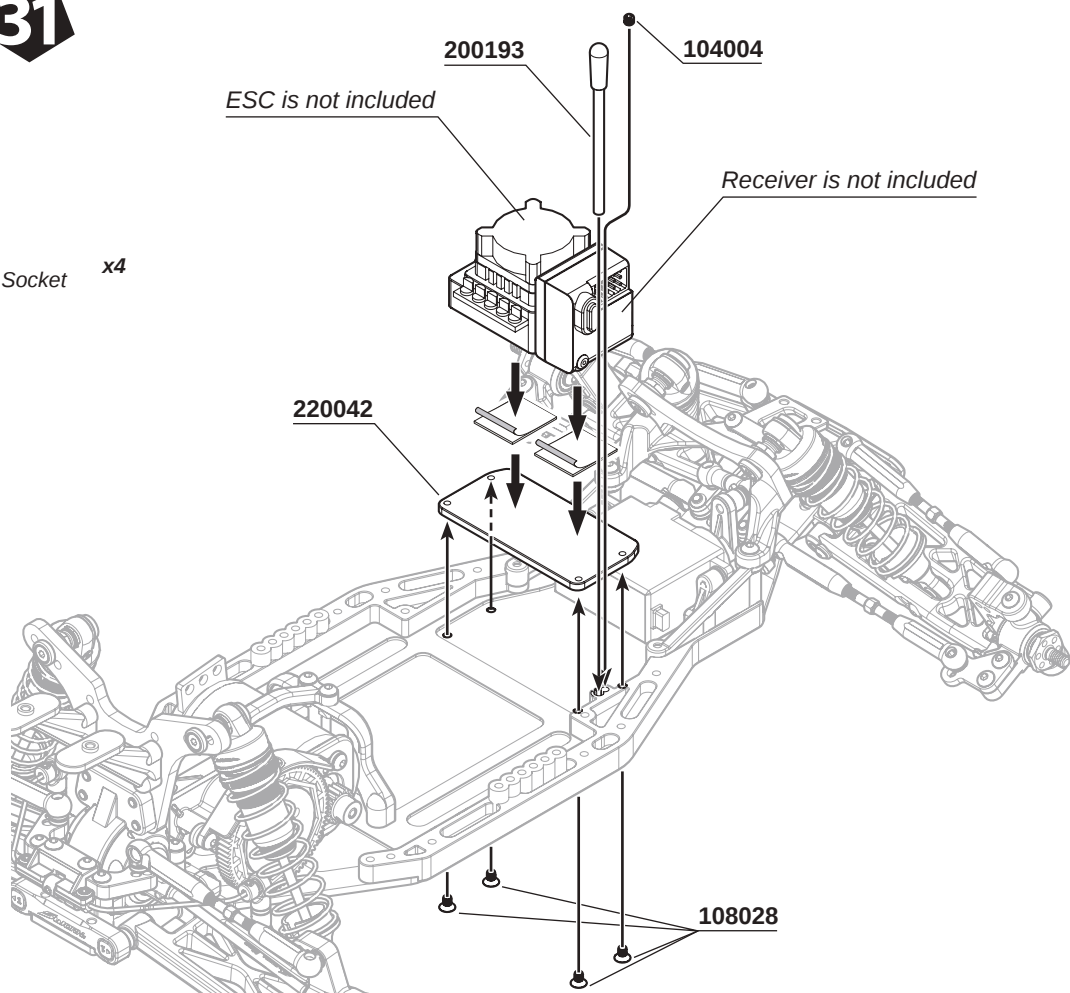




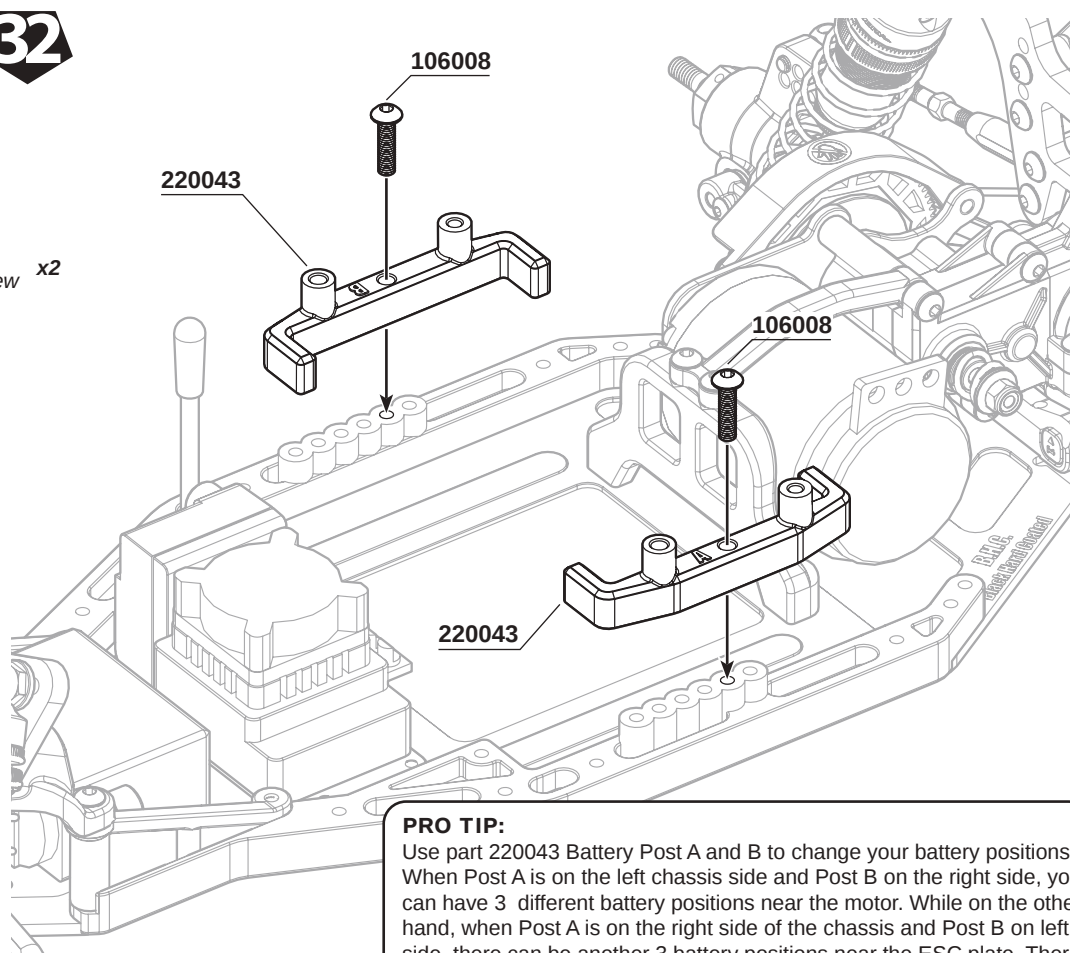
104004
M3x3mm Set Screw x1



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

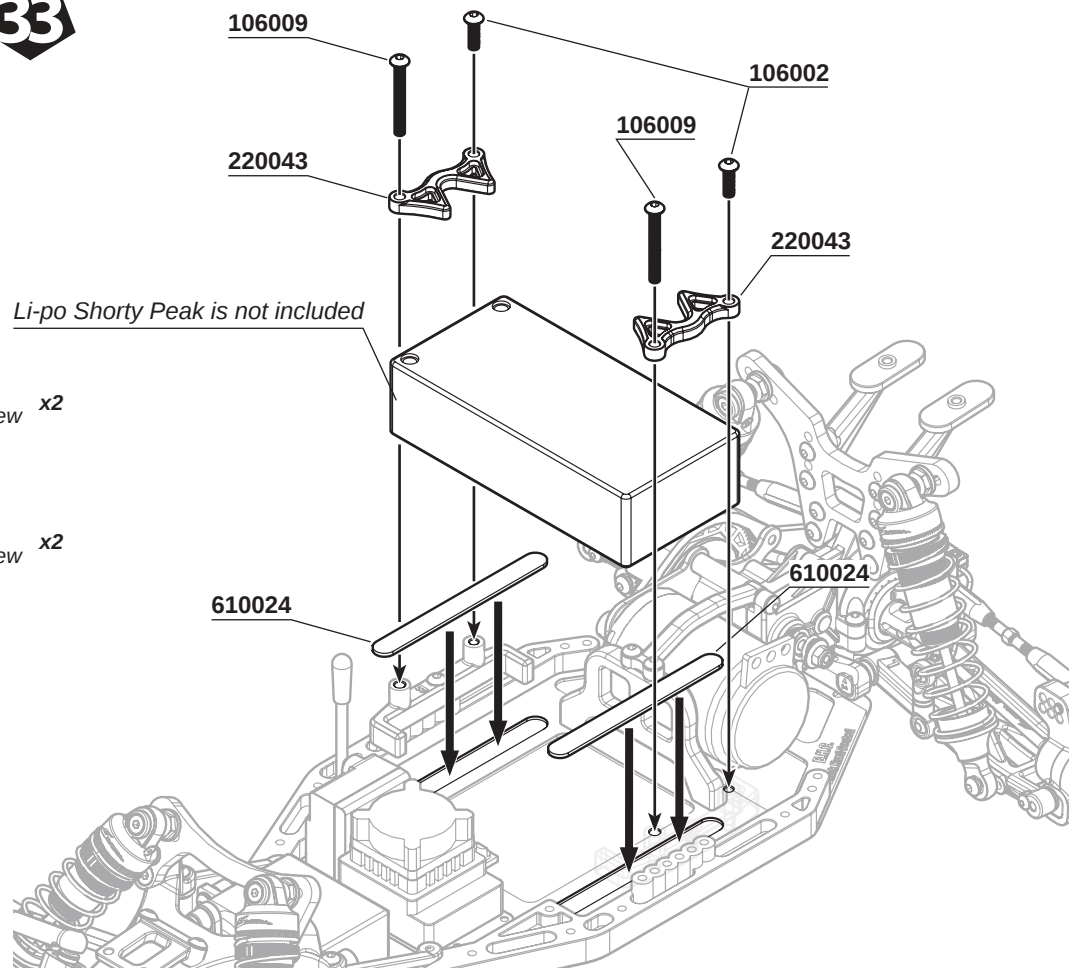
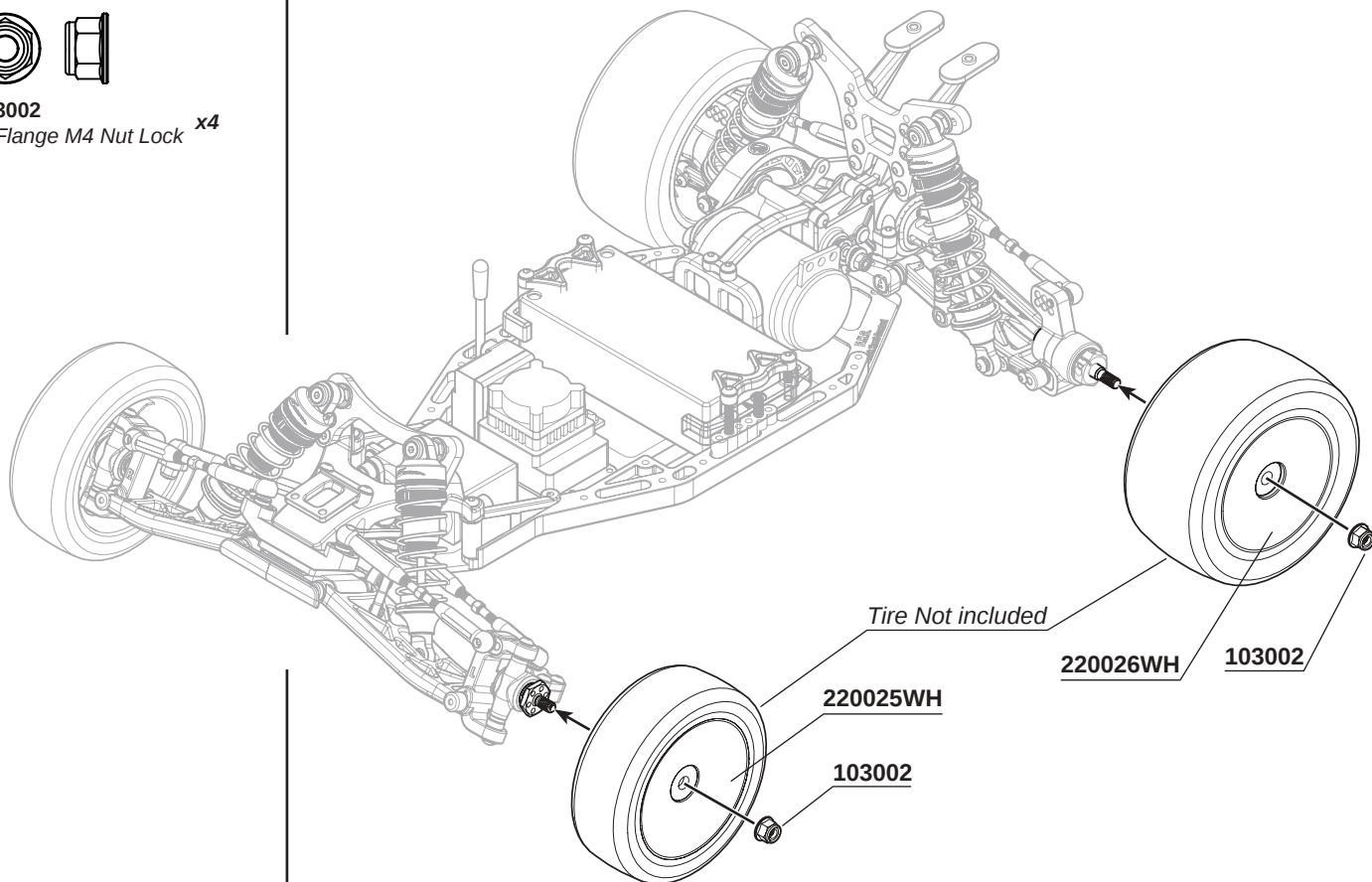


106008
M3x12mm Hex Socket OH/TP Screw x2



PRO TIP:

Use part 220043 Battery Post A and B to change your battery positions. When Post A is on the left chassis side and Post B on the right side, you can have 3 different battery positions near the motor. While on the other hand, when Post A is on the right side of the chassis and Post B on left side, there can be another 3 battery positions near the ESC plate. There are a total of 6 different positions to place the shorty battery.

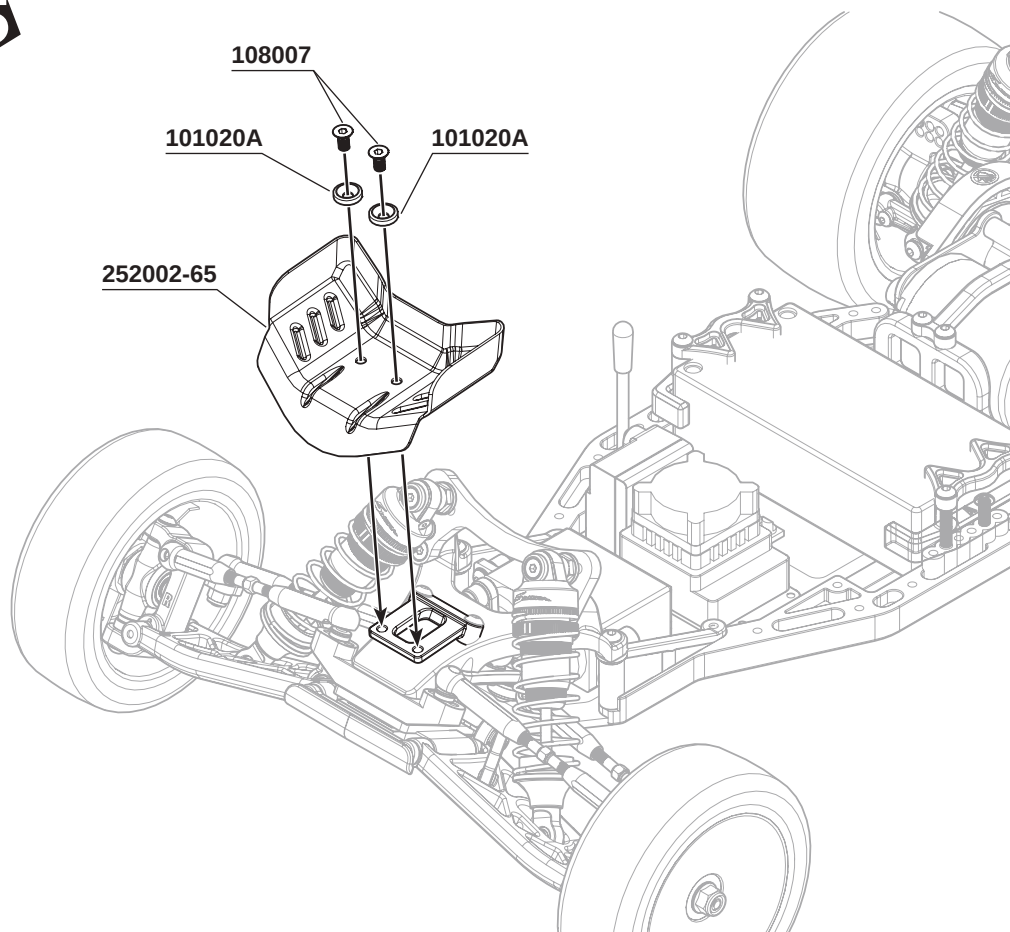
BAG**D****33****106002**M3x10mm Hex Socket OH/TP Screw **x2****106009**M3x25mm Hex Socket OH/TP Screw **x2***Li-po Shorty Peak is not included***BAG****F****34****F**
R**L**
R**x2****103002**Flange M4 Nut Lock **x4**



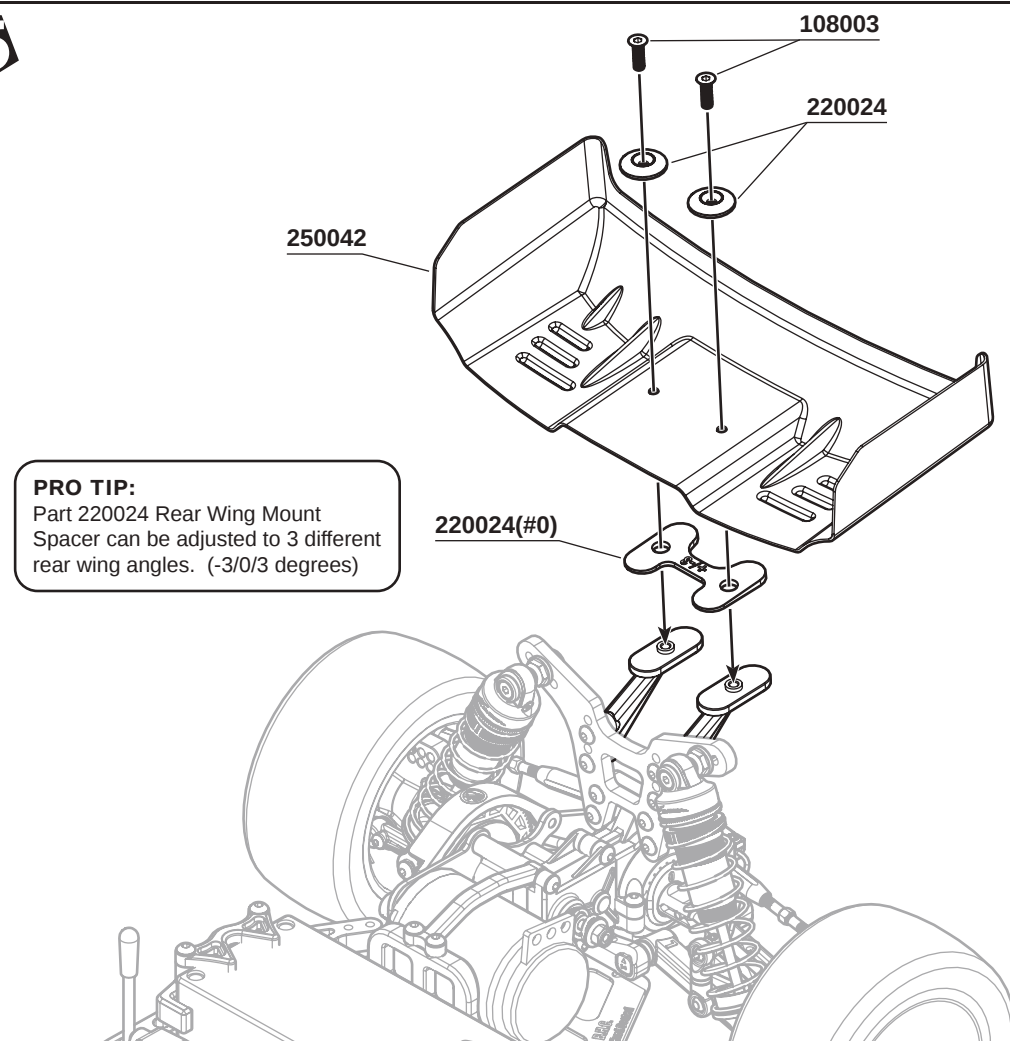
108007
M3x6mm FH/ST HEX Screw x2



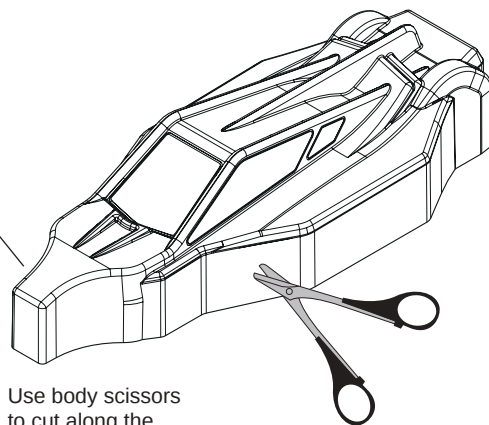
101020A
3mm Countersunk Washers (RD) x2



108003
M3x10mm FH/ST HEX Screw x2

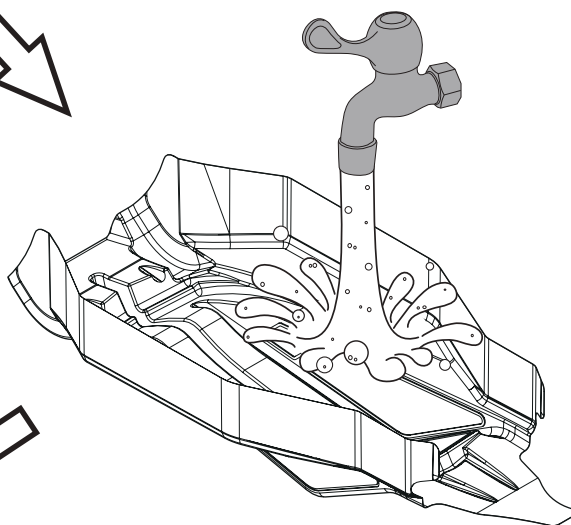


252001

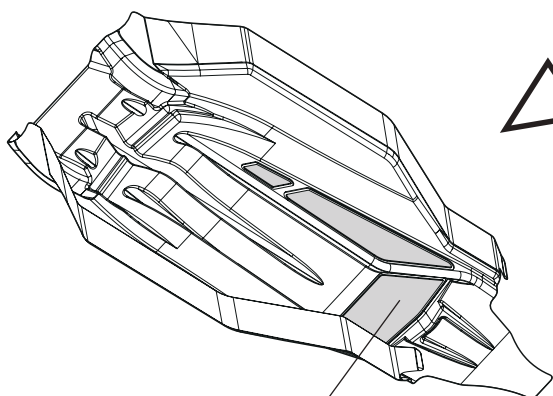


Use body scissors to cut along the body lines.

Use water/washing solution to clean body.



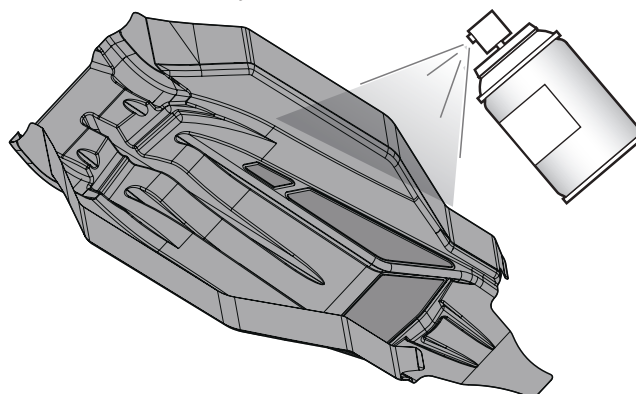
Apply window masks as shown.



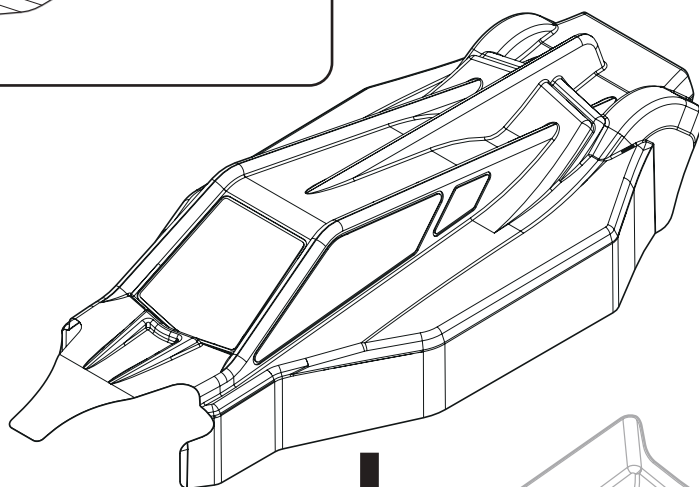
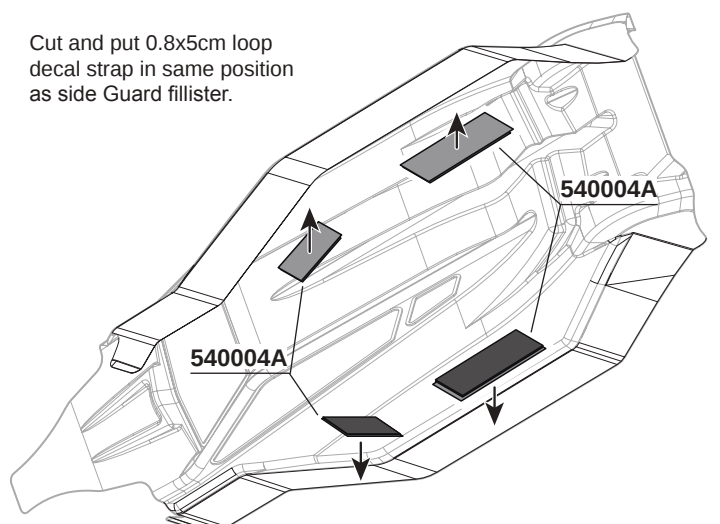
252001



Paint body.



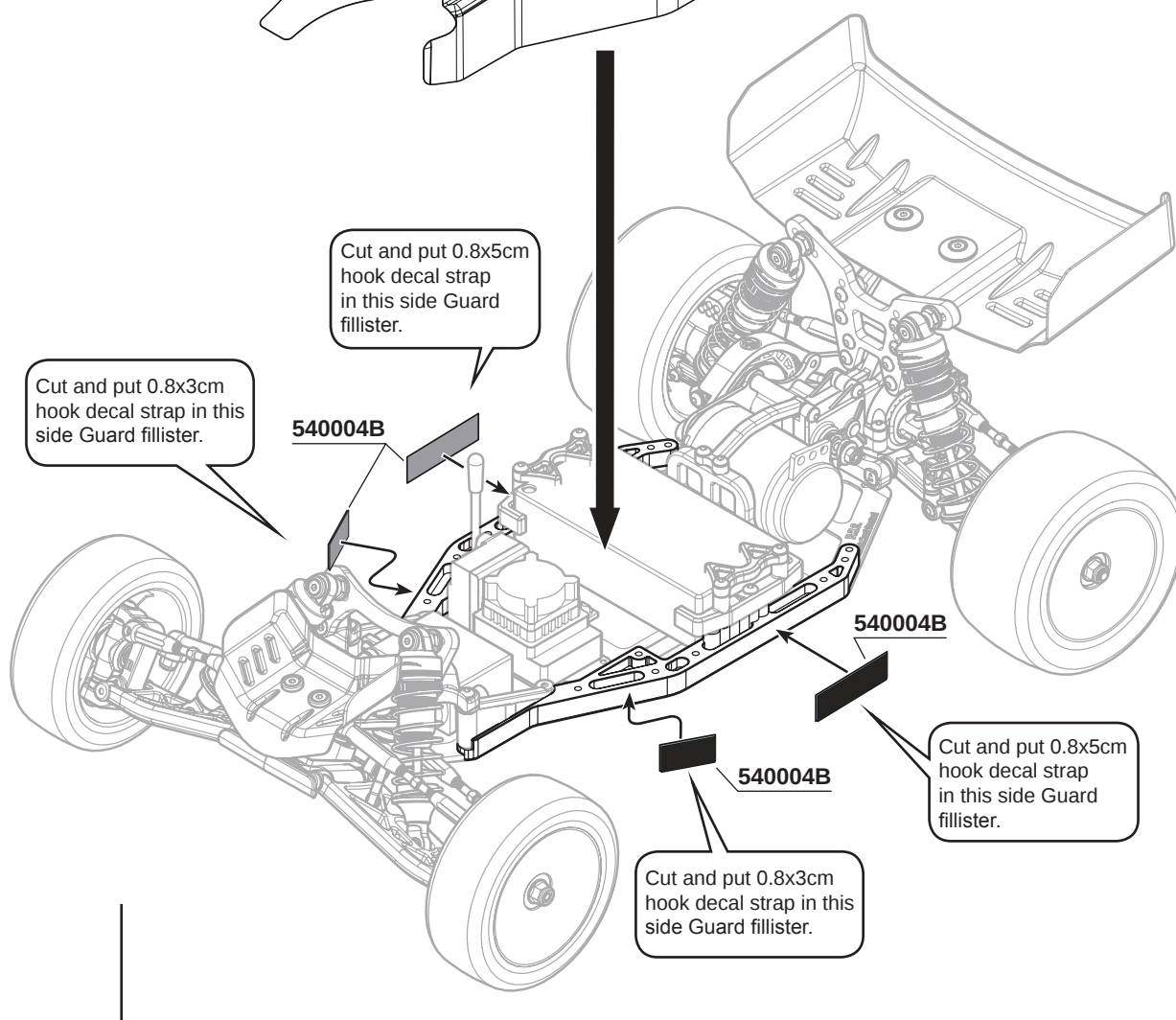
Cut and put 0.8x5cm loop
decal strap in same position
as side Guard fillister.



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.

540004B

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

Name: _____
Date: _____
Track: _____

Diff. Oil

Rear: _____

Diff. Type

- ☐ Gear Diff
☐ Ball Diff

Track Conditions

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

Tire

Front

Type: _____

Foam: _____

Rear

Type: _____

Foam: _____

Electric System

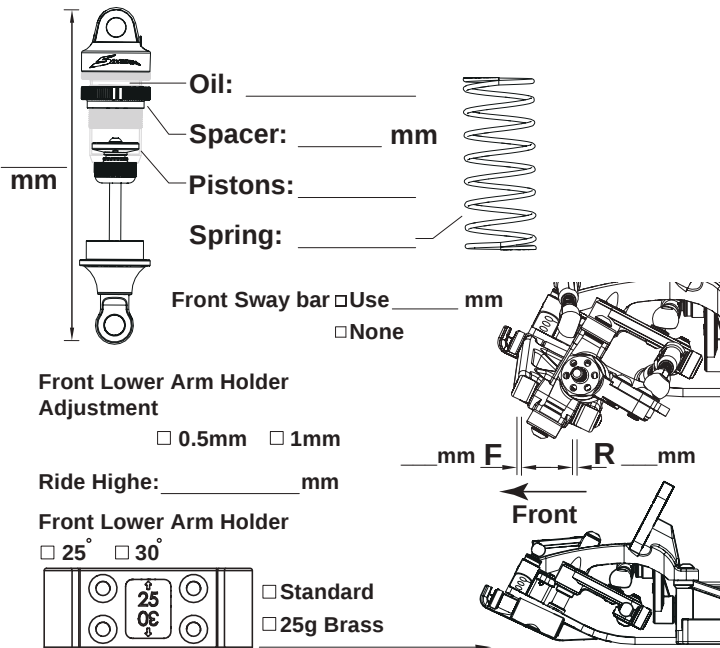
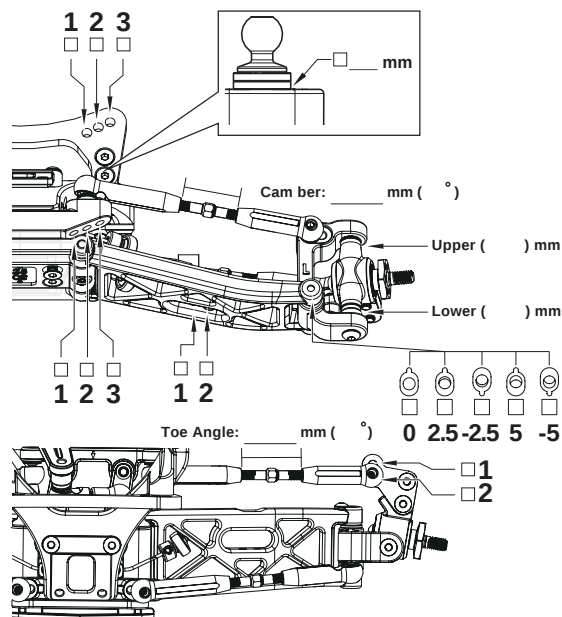
ESC Type: _____

Motor Type: _____

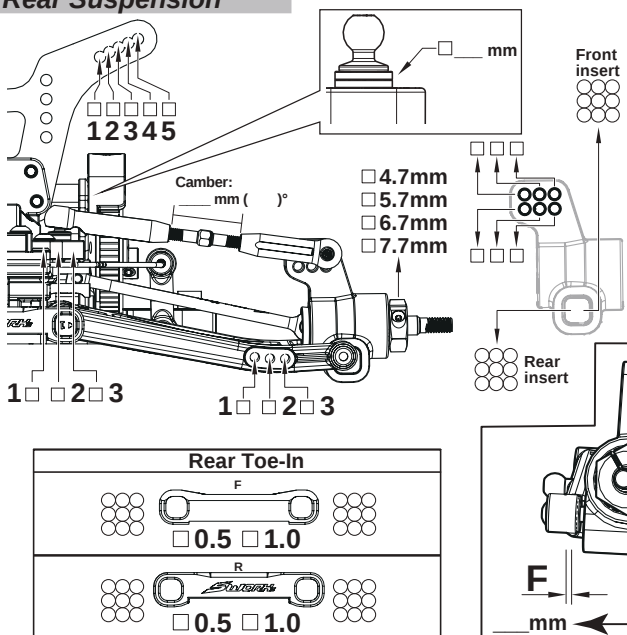
Motor Gear/Spur Gear: _____

Battery Type: _____

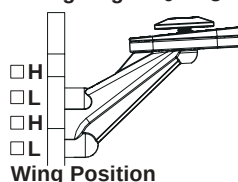
Front Suspension



Rear Suspension



Wing Angle



Notes:

Rear Sway bar Use mm or None

Ride High: mm

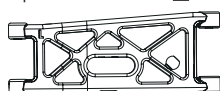
Body:
Rear Wing:
Front Wing:

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

Option Parts List

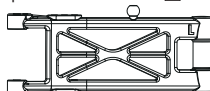
Front lower arm

☐ Carbon composite Hard Material ☐ Standard Material



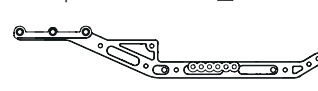
Rear lower arm

☐ Carbon composite Hard Material ☐ Standard Material



Side guard

☐ Carbon composite Hard Material ☐ Standard Material



Name: Micha Widmaier
Date: 31.1-2.2.20
Track: EOS Daun

Diff. Oil

Rear: 20K
2-gears

Diff. Type

☒ Gear Diff
☐ Ball Diff

Track Conditions

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

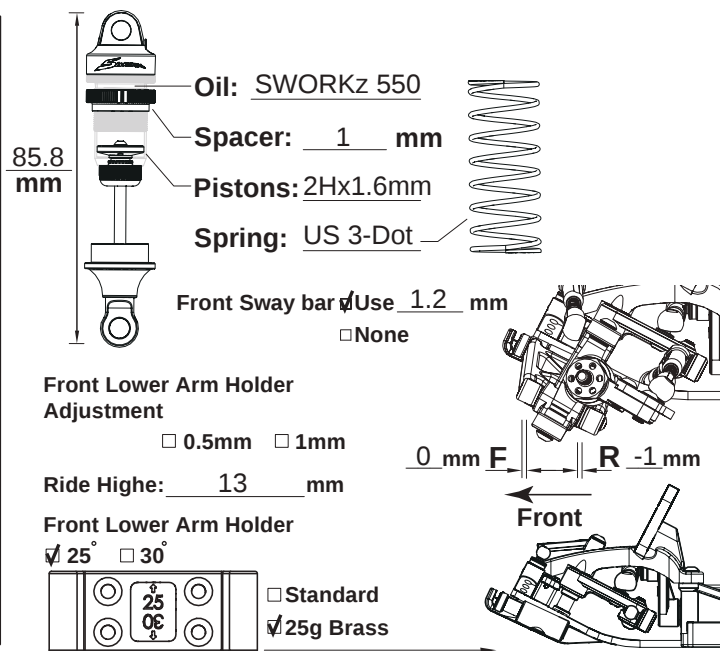
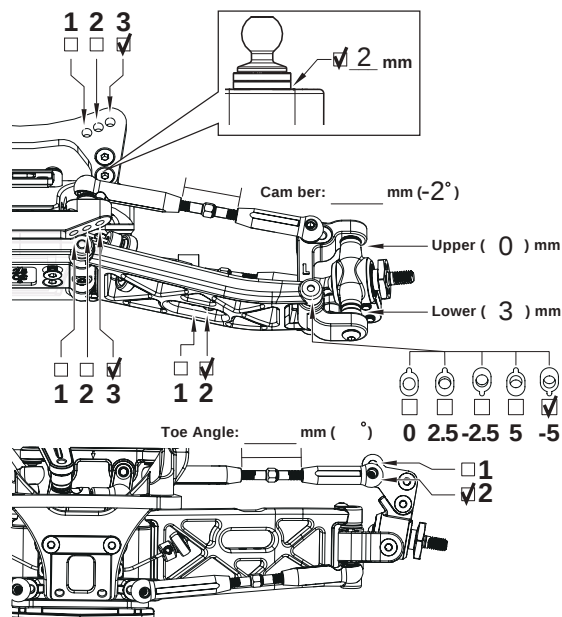
Tire

Front	Schumacher	Rear	Schumacher
Type:	<u>EOS</u>	Type:	<u>EOS</u>
Foam:	EOS	Foam:	EOS

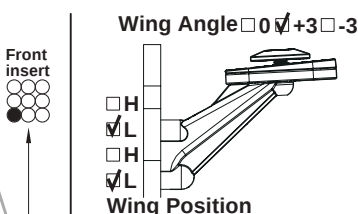
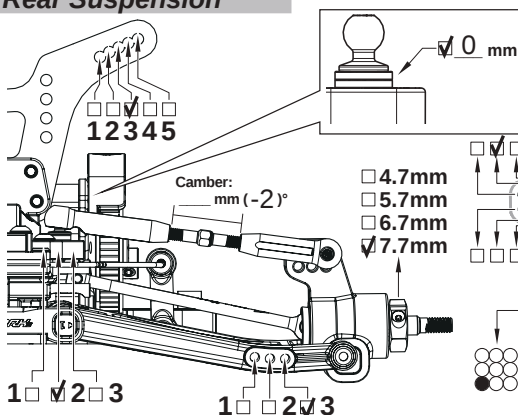
Electric System

ESC Type: Maclan MMax Pro
Motor Type: Maclan V2M 6.0T
Motor Gear/Spur Gear: 81/21 T
Battery Type: Maclan 6000 mAh

Front Suspension



Rear Suspension



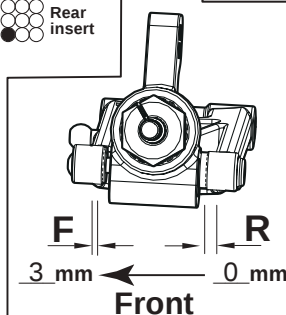
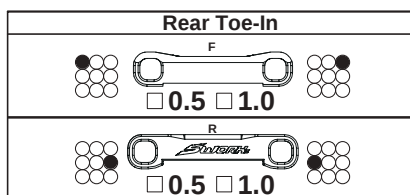
Notes:

Battery Position

Max. Front

Rear Sway bar ☒ Use 1.2 mm
☐ None

Ride Highe: 14 mm



Oil: SWORKz 450

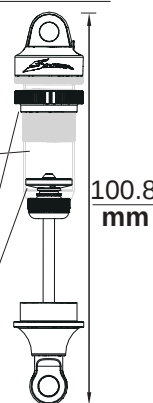
Spacer: _____ mm

Pistons: 2Hx1.8mm

Spring: L3-Dot



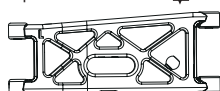
The diagram shows a cross-section of a piston and spring assembly. A piston is at the top, with a spacer above it. A spring is below the piston. A dimension line indicates the height of the spacer is 100.8 mm. Labels with leader lines point to the oil, spacer, pistons, and spring.



Option Parts List

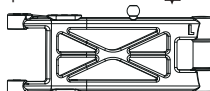
Front lower arm

☐ Carbon composite Hard Material ☒ Standard Material



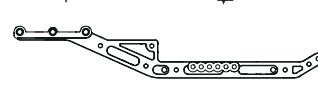
Rear lower arm

☐ Carbon composite Hard Material ☒ Standard Material



Side guard

☐ Carbon composite Hard Material ☒ 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.
2501807	S104 Shock Cap Insert	2	SW-2501807	220047	S12-2 Plastic Adjust Insert (3x7x1mm)		
	S104 Shock Spring Holder L				S12-2 Sway Bar Ball End	1	SW-220047
	S104 Shock Spring Holder S				S12-2 Front Sway Bar Ball End		
	S104 Shock Ball End				S12-2 Front C-Hub Insert (0 Degree)		
2502401BK	S102 Ball End Cap M(5mm)	1	SW-2502401BK		S12-2 Front C-Hub Insert (2.5 Degree)		
	S102 Ball End Cup (S)(5mm)				S12-2 Front C-Hub Insert (5 Degree)		
	S102 Ball End Cup(L)(5mm)			212001	S12-2 Rear CVD Drive Shaft Set 62mm	2	SW-212001
	S102 Rear Arm Holder Insert (1 degree)			330134	Shock Ball Stud	4	SW-330134
	S102 Rear Arm Holder Insert (0 degree)			330277	S104 Diff. Bevel Gear 18T	2	SW-330278
	S102 Arm Hinge Pin Insert			330278	S104 Diff. Bevel Gear 10T	4	SW-330278
	S102 Savor Servo Arm (25T)			330279	S104 Bevel Gear Shaft	2	SW-330279
	S102 Savor Servo Arm(23T)			330283	S104 Pin M2.0x9.8mm	7	SW-330283
	S102 Savor Servo Arm(24T)			330295	S104 CVD Join	2	SW-330295
2502402	S12-1 Diff Case	1	SW-2502402	330300	S104 Rear Upper Sus. Arm Turnbuckles	6	SW-330300
	S12-1 Diff Case Cover			330315	Sway Bar Linkage Ball Stud	4	SW-330315
2503210A	SWORKz 1/10 Eccentric Bushing Set	2	SW-2503210A	330331	S104 Steering Linkage 5mm Ball Stud (L4.1mm)	3	SW-330331
220025WH	SWORKz 1/10 2WD Off Road Competition Front Dish Wheel (WH)	2	SW-220025WH	330410	Motor Gear 21T	1	SW-330410
220026WH	SWORKz 1/10 2/4WD Off Road Competition Rear Dish Wheel (WH)	2	SW-220026WH	330516	S12 Idler Gear Shaft 5X15L	1	SW-330516
220031-81	S14-3 Precision Plastic Center Spur Gear 81T for Slipper Clutch	1	SW-220031-81	330525	S12 Rear Lower Arm Hinge Pin (3x44mm)	2	SW-330525
220034	S12-2 Front C Hub (L)	1	SW-220034	330536	S12 Pin (3x26mm)	2	SW-330536
	S12-2 Front C Hub (R)			330537	S12 Arm Hinge Pin (3x34mm)	2	SW-330537
220035	S12-2 Front Lower Arm (L)	1	SW-220035	330541	S12 Gear Diff Outdrive	2	SW-330541
	S12-2 Front Lower Arm (R)			330544	S104EVO/S12 Shock Seal Cover (GM)	4	SW-330544
	S12-2 Plastic Adjust Insert (3x7x1mm)			330546	S104 EVO/S12 Shock Cap (GM)	4	SW-330546
220036	S12-2 Rear Lower Arm (L)	1	SW-220036	330643	S104 EVO Steering Linkage 5mm Ball Stud (L7mm)	11	SW-330643
	S12-2 Rear Lower Arm (R)			332001	S12-2 Main Chassis	1	SW-332001
	S12-2 Plastic Adjust Insert (3x7x2mm)			332002	S12-2 Aluminum Idler Gear 20T	1	SW-332002
220037	S12-2 Side Guard (L)	1	SW-220037	332005	S12-2 Slipper Clutch Adjust Screw 2.4x60mm	1	SW-332005
	S12-2 Side Guard (R)			332006	S12-2 Aluminum Motor Plate	1	SW-332006
220038	S12-2 Front C Hub (L=R)	2	SW-220038	332007	S12-2 Rear Lower Arm Holder (RF)	1	SW-332007
	S143C Rear Wheel Hub (L=R)			332008	S12-2 Rear Lower Arm Plate (RR)	1	SW-332008
	S12-2 Plastic Adjust Insert (3x7x2mm)			332010	S12-2 CVD Axil	2	SW-332010
	S12-2 Plastic Adjust Insert (3x7x1mm)			332011	S12-2 CVD Axil Holder	2	SW-332011
220039	S12-2 Front Upper Arm Holder	1	SW-220039	332012	S12-2 Rear Drive Shaft (62mm)	2	SW-332012
	S12-2 Front Lower Arm Holder			332013	S12-2 Aluminum Servo Savor Post	2	SW-332013
	S12-2 Front Shock Tower Holder			332014	S12-2 Aluminum Steering Hub Axil(L&R)	2	SW-332014
	S12-2 Front Ahead Wing Mount			332015	S12-2 Aluminum Front Lower Arm Holder	1	SW-332015
220040	S12-2 Rear Upper Linkage Mount	1	SW-220040	332019	S12-2 Slipper Clutch Pad Outside (Fit 2 Pads System)	1	SW-332019
	S12-2 Front Bumper			332020	S12-2 Slipper Clutch Pad (Fit 2 Pads System)	1	SW-332020
	S12-2 Gear Box Support Mount			334002	S14-3 Aluminum Shock Stud	4	SW-334002
	S12-2 Gear Box Support			334010	S14-3 12mm Wheel Hex (4.7mm)	2	SW-334010
	S12-2 Servo Savor Steering Plate			334020	S14-3 Series C Hub Bushing (A)(2.5)	2	SW-334020
	S12-2 Servo Savor Arms			334021	S14-3 Series C Hub Bushing (B)(0.7)	2	SW-334021
220041	S12-2 Middle Front Motor Gear Box L	1	SW-220041	334022	S14-3 Series Lower Arm Hinge Pin (3x32mm)	2	SW-334022
	S12-2 Middle Front Motor Gear Box R			334031	S14-3 Serie 3mm Short Shock System Shaft (Long)	2	SW-334031
	S12-2 Middle Front Motor Gear Box Cover			334032	S14-3 Serie 3mm Short Shock System Shaft (Short)	2	SW-334032
220042	S12-2 Sway Bar Holder	1	SW-220042	334040	S14 /12 Short Shock System Shock Body (S)	2	SW-334040
	S12-2 Center Slipper Clutch Spring Washer A			334041	S14/12 Short Shock System Shock Body (L)	2	SW-334041
	S12-2 Center Slipper Clutch Spring Washer B			342001	S12-2 Pro-composite Rear Carbon Fiber Shock Tower	1	SW-342001
	S12-2 Center Spur Gear Cover			342002	S12-2 Pro-composite Front Carbon Fiber Shock Tower	1	SW-342002
	S12-2 Front Sway Bar Post			342003	S12-2 Steering Carbon Plate	2	SW-342003
	S12-2 Front Sway Bar Holder			354001	S14-3 POM Shock seal washer 3.0x6.5x2.0mm	8	SW-354001
	S12-2 ESC Speed Contrul Holder			354002	S14-3 POM Shock seal washer 3.0x6.5x0.7mm	4	SW-354002
220043	S12-2 Front Shock Tower Side Support (L)	1	SW-220043	354005	S14/S104/S12 Series Shock Piston(1.6mmx2 Holes)	2	SW-354005
	S12-2 Front Shock Tower Side Support (R)			354006	S14/S104/S12 Series Shock Piston(1.7mmx2 Holes)	2	SW-354006
	S12-2 Wire Holder			330156A	Adjuster Knob	2	SW-330156A
	S12-2 Battery Post A			330304A	S104 Aluminum Shock Spring Adjust Nut (BK)	4	SW-330304A
	S12-2 Battery Post B			354003-36	S12 Series POM MFR Idler Gear 36T	1	SW-354003-36
	S12-2 Battery Holder			400002	O-ring S5	2	SW-400002
220044	S12-2 Rear Wing Mount	1	SW-220044	400013A	SWORKz Shock Seal O-ring 2x2.7mm (Medium)	8	SW-214003
	S12-2 Rear Wing Mount Spacer (0 Degree)			400014	S104 Aluminum Shock Spring Adjust Nut O-Ring 1.5x13.5mm	4	SW-400014
	S12-2 Rear Wing Mount Spacer (+/- 3 Degree)			410047	SWORKz Shock Cap O-Ring (SP)	4	SW-410047
	S12-2 Rear Wing Holder			410049	1/10 Shock Seal Cap O-ring (8x10x1)	4	SW-410049
	S12-2 Steering Servo Holder			610017	S102 Diff. Gasket (16x24x0.4t)	1	SW-610017
220045	S12-2 Gear Box Inserts (0 Degree)	1	SW-220045	610024	S12-2 Battery Block	2	SW-610024
	S12-2 Gear Box Inserts (L +1Degree)			610013B08	S14/S12 Slipper Clutch Teflon Pad(Low Grip)(Yellow)(8mm)	2	SW-610013B08
	S12-2 Gear Box Inserts (R +1Degree)			250042	SWORKz 1/10 sonic wing 6.5"	1	SW-250042
	S12-2 Gear Box Inserts (L +2Degree)			252002-65	SWORKz 1/10 sonic front lexan wing "65mm"	1	SW-250045
	S12-2 Gear Box Inserts (R +2Degree)			252001	S12-2 Eaglet Style 2.0 Clean Body Sheel	1	SW-252001
	S12-2 Gear Box Inserts (L +3Degree)			512001	S12-2 Eaglet ST-2 Body Shell Decal Sheet	1	SW-252001
	S12-2 Gear Box Inserts (R +3Degree)			512002	S12-2 Eaglet ST-2 Body Shell Window Mask	1	SW-252001
220046	S12-2 Rear Hub Insert (0 +1.5 Degree)	1	SW-220046	510091	SWORKz Original Logo Sticker	1	SW-510091
	S12-2 Rear Hub Insert (0 Degree)			115186	S12-2 Black Competition Front Shock Spring (US3-Dot)(38x1.2x7.0)	2	SW-115186
	S12-2 Rear Hub Insert (0 +1.5 +1.5 Degree)			115162	S14/S12 Black Competition Line Rear Shock Spring (2 Dot)(57x1.1x9.25)	2	SW-115162
	S12-2 Plastic Adjust Insert (3x7x2mm)			115172	S12-2 Front Sway Bar 1.0mm	1	SW-115172

Parts No. List

Part No.	Part Name	Q'ty in Use	Item No.
115177	S12-2 Rear Sway Bar 1.3mm	1	SW-115177
115172	S12-2 Front Sway Bar 1.0mm	1	SW-115172
115177	S12-2 Rear Sway Bar 1.3mm	1	SW-115177
115188	SWORKz 1/10 Slipper Clutch Spring (D1.4x12mm)	1	SW-115188
115189	SWORKz 1/10 Slipper Clutch Spring (D1.6x12mm)(RD)	1	SW-115189
116010	Ball Bearing 5x10x4mm	10	SW-116010
116013	Ball Bearing 10x15x4mm	2	SW-116013
116015	Ball Bearing 5x8x2.5mm	4	SW-116015
116019	Ball Bearing 5x13x4mm	2	SW-116019
117003	Flange Ball Bearing 3x6x2.5mm	2	SW-117003
101004	Washer 3.5x10x0.2mm	4	SW-101004
101026	SWORKz Aluminum Washer 3x6x1.5mm	13	SW-101026
101020A	3mm Countersunk Washers (RD)	6	SW-101020A
101007	Washer 3x8x0.5	2	SW-101007
101011	M2.6x6xT0.5mm	4	SW-101011
101012	M3x6xT0.5mm	6	SW-101012
101023	S104 Shim 10x12x0.1mm	1	SW-101023
101024	S104 Shim 10x12x0.2mm	1	SW-101024
103001	M3 Nut Lock	3	SW-103001
103002	Flage Nylon Nut M4	4	SW-103002
104004	M3x3mm Set Screw	13	SW-104004
104005	Set Screw M3x4	2	SW-104005
104012	M3x12mm Set Screw	3	SW-104012
105021	M3x6mm Conical Head Screw	4	SW-105021
106001	M3x8mm Hex Scket OH/TP Screw	9	SW-106001
106002	M3x10mm Hex Scket OH/TP Screw	26	SW-106002
106003	Button Head Screw M3x16mm	1	SW-106003
106005	M3x15mm Hex Scket OH/TP Screw	2	SW-106005
106008	M3x12mm Hex Scket OH/TP Screw	7	SW-106008
106009	M3x25mm Hex Scket OH/TP Screw	2	SW-106009
106010	M3x6mm Hex Scket OH/TP Screw	4	SW-106010
106014	M2x6mm Hex Scket OH/TP Screw	10	SW-106014
106015	M3x5mm Hex Scket OH/TP Screw	2	SW-106015
106017	M3x14mm Hex Scket OH/TP Screw	4	SW-106017
106020	M2.5x5mm 1.5mm Hex Scket OH/ST Screw	6	SW-106020
108001	M3x12mm FH/ST HEX Screw	6	SW-108001
108003	M3x10mm FH/ST HEX Screw	18	SW-108003
108005	M3x14mm FH/ST HEX Screw	2	SW-108005
108006	M3x8mm FH/ST HEX Screw	26	SW-108006
108007	M3x6mm FH/ST HEX Screw	2	SW-108007
108014	M3x4mm FH/ST HEX Screw	1	SW-108014
108028	M2.6x4mm Flat Head Screw - Hex Socket	4	SW-108028
108029	M2.0x4.6mm FH/ST HEX Screw (1.5mm HexHead)	4	SW-108029
200193	Antenna Tube	1	SW-200193
420010	Antenna Cup	1	SW-420010

Spare Part List

Item No.	Part Name	Item No.	Part Name
SW-2501807	S104 Shock Spring Holder with Ball End Plastic Parts	SW-610017	S102 Diff. Gasket (16x24x0.4t)
SW-2502401BK	S12 Sries Ball End Caps and Hinge Pin Inserts (BK)	SW-610024	S12-2 Battery Pad (4PC)
SW-2502402	S12-1 Diff Case Set	SW-610013B08	S14/S12 Slipper Clutch Teflon Pad(Low Grip)(Yellow)(8mm)
SW-2503210A	SWORKz 1/10 Eccentric Bushing Set	SW-250042	SWORKz 1/10 sonic wing 6.5"
SW-220025WH	SWORKz 1/10 2WD Off Road Competition Front Dish Wheel (WH) (4PC)	SW-252001	S12-2 Eaglet ST-2 Clean Body Shell
SW-220026WH	SWORKz 1/10 2/4WD Off Road Competition Rear Dish Wheel (WH) (4PC)	SW-252002-65	SWORKz 1/10 sonic front lexan wing "65mm"
SW-220031-81	S14-3 Precision Plastic Center Spur Gear 81T for Slipper Clutch	SW-510091	SWORKz Original Logo Sticker
SW-220034	S12-2 Front C Hub Set	SW-540004	Hook & Loop decal strap 1.6x10cm (2PC)
SW-220035	S12-2 Front Lower Arm Set	SWC-115186	S12-2 Black Competition Front Shock Spring (US3-Dot)(38x1.2x7.0)
SW-220036	S12-2 Rear Lower Arm Set	SWC-115162	S14/S12 Black Competition Rear Shock Spring (L2-Dot)(57x1.1x9.25)
SW-220037	S12-2 Side Guard Set (Standard Material)	SW-115172	S12-2 Front Sway Bar 1.0mm
SW-220038	S12-2 Front & Rear Hub Carry Set	SW-115177	S12-2 Rear Sway Bar 1.3mm
SW-220039	S12-2 Front Arm Holder Plastic Parts	SW-115188	SWORKz 1/10 Slipper Clutch Spring (D1.4x12mm)
SW-220040	S12-2 Servo Savor and Rear Gear Box Parts	SW-115189	SWORKz 1/10 Slipper Clutch Spring (D1.6x12mm)(RD)
SW-220041	S12-2 Middle Front Motor Gear Box	SW-116010	Ball Bearing 5x10x4mm
SW-220042	S12-2 Sway Bar Plastic Parts	SW-116013	Ball Bearing 10x15x4mm
SW-220043	S12-2 Battery Holder Set	SW-116015	Ball Bearing 5x8x2.5mm
SW-220044	S12-2 Rear Wing Mount Set	SW-116019	Ball Bearing 5x13x4mm
SW-220045	S12-2 Gear Box Inserts	SW-117003	Flange Ball Bearing 3x6x2.5mm
SW-220046	S12-2 Rear Hub Insert Set	SW-101004	Washer 3.5x10x0.2mm
SW-220047	S12-2 Front C-Hub Insert& Sway Bar Ball End Parts	SW-101026	SWORKz Aluminum Washer 3x6x1.5mm
SW-212001	S12-2 Rear CVD Drive Shaft Set 62mm	SW-101020A	3mm Countersunk Washers (RD)
SW-330134	Shock Ball Stud	SW-101007	Washer 3x8x0.5
SW-330278	S104 Diff. Bevel Gear Set	SW-101011	M2.6x6xT0.5mm
SW-330279	S104 Bevel Gear Shaft	SW-101012	M3x6xT0.5mm
SW-330283	S104 Pin M2.0x9.8mm	SW-101023	Shim 10x12x0.1mm
SW-330295	SWORKz 1/10 CVD Join Set (2 Sets)	SW-101024	Shim 10x12x0.2mm
SW-330300	SWORKz Turnbuckles by M3x36mm (2pc)	SW-103001	M3 Nut Lock
SW-330315	Sway Bar Linkage Ball Stud	SW-103002	Flage Nylon Nut M4
SW-330331	SWORKz 1/10 Steering Linkage Ball Stud 5x4.1mm (2pc)	SW-104004	M3x3mm Set Screw
SW-330410	SWORKz 1/10 Motor Pinion Gear 21T	SW-104005	Set Screw M3x4
SW-330516	S12 Idler Gear Shaft 5x15L	SW-104012	M3x12mm Set Screw
SW-330525	S12 Rear Lower Arm Hinge Pin	SW-105021	M3x6mm Conical Head Screw
SW-330536	S12 Pin (3x26mm)	SW-106001	M3x8mm Hex Soket OH/TP Screw
SW-330537	S12 Front Lower Arm Hinge Pin (3x34mm)	SW-106002	M3x10mm Hex Soket OH/TP Screw
SW-330541	S12 Gear Diff Outdrive	SW-106003	Button Head Screw M3x16mm
SW-330544	S104 EVO/S12 Shock Seal Cover (GM)(2PC)	SW-106005	M3x15mm Hex Soket OH/TP Screw
SW-330546	S104 EVO/S12 Shock Cap (GM)	SW-106008	M3x12mm Hex Soket OH/TP Screw
SW-330643	S104 EVO Steering Linkage 5mm Ball Stud (L7mm)	SW-106009	M3x25mm Hex Soket OH/TP Screw
SW-332001	S12-2 Main Chassis	SW-106010	M3x6mm Hex Soket OH/TP Screw
SW-332002	S12-2 Aluminum Idler Gear 20T	SW-106014	M2x6mm Hex Soket OH/TP Screw
SW-332005	S12-2 Slipper Clutch Adjust Screw 2.4x60mm	SW-106015	M3x5mm Hex Soket OH/TP Screw
SW-332006	S12-2 Aluminum Motor Plate	SW-106017	M3x14mm Hex Soket OH/TP Screw
SW-332007	S12-2 Rear Lower Arm Holder (RF)	SW-106020	M2.5x5mm 1.5mmHex Soket OH/ST Screw
SW-332008	S12-2 Rear Lower Arm Plate (RR)	SW-108001	M3x12mm FH/ST HEX Screw
SW-332010	S12-2 CVD Axil	SW-108003	M3x10mm FH/ST HEX Screw
SW-332011	S12-2 CVD Axil Holder	SW-108005	M3x14mm FH/ST HEX Screw
SW-332012	S12-2 Rear Drive Shaft (62mm)	SW-108006	M3x8mm FH/ST HEX Screw
SW-332013	S12-2 Aluminum Servo Savor Post	SW-108007	M3x6mm FH/ST HEX Screw
SW-332014	S12-2 Aluminum Steering Hub Axil (L&R)	SW-108014	M3x4mm FH/ST HEX Screw
SW-332015	S12-2 Aluminum Front Lower Arm Holder	SW-108028	M2.6x4mm Flat Head Screw - Hex Socket
SW-332019	S12-2 Slipper Clutch Pad Outside (Fit 2 Pads System)	SW-108029	M2.0x4.6mm FH/ST HEX Screw (1.5mm HexHead)
SW-332020	S12-2 Slipper Clutch Pad (Fit 2 Pads System)	SW-200193	Antenna Tube
SW-334002	S14-3 Aluminum Shock Stud	SW-420010	Antenna Cup
SW-334010	S14-3 12mm Wheel Hex (4.7mm)		
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-334031	S14-3 Serie 3mm Short Shock System Shaft (Long)		
SW-334032	S14-3 Serie 3mm Short Shock System Shaft (Short)		
SW-334040	S14/12 Short Shock System Shock Body (S)		
SW-334041	S14/12 Short Shock System Shock Body (L)		
SW-342001	S12-2 Pro-composite Rear Carbon Fiber Shock Tower		
SW-342002	S12-2 Pro-composite Front Carbon Fiber Shock Tower		
SW-342003	S12-2 Steering Carbon Plate		
SW-354005	S14/S104/S12 Series Shock Piston(1.6mmx2 Holes)		
SW-354006	S14/S104/S12 Series Shock Piston(1.7mmx2 Holes)		
SW-330156A	Adjuster Knob		
SW-330304A	S14/12 Aluminum Shock Spring Adjust Nut (BK)(2PC)		
SW-354003-36	S12 Series POM MFR Idler Gear 36T		
SW-400002	O-ring S5		
SW-214003	S14-3 series Shock Seal Kit (2 Sets)		
SW-400014	S104 Aluminum Shock Spring Adjust Nut O-Ring 1.5x13.5mm		
SW-410047	SWORKz Shock Cap O-Ring (SP)		
SW-410049	1/10 Shock Seal Cap O-ring (8x10x1)		

Option Part List

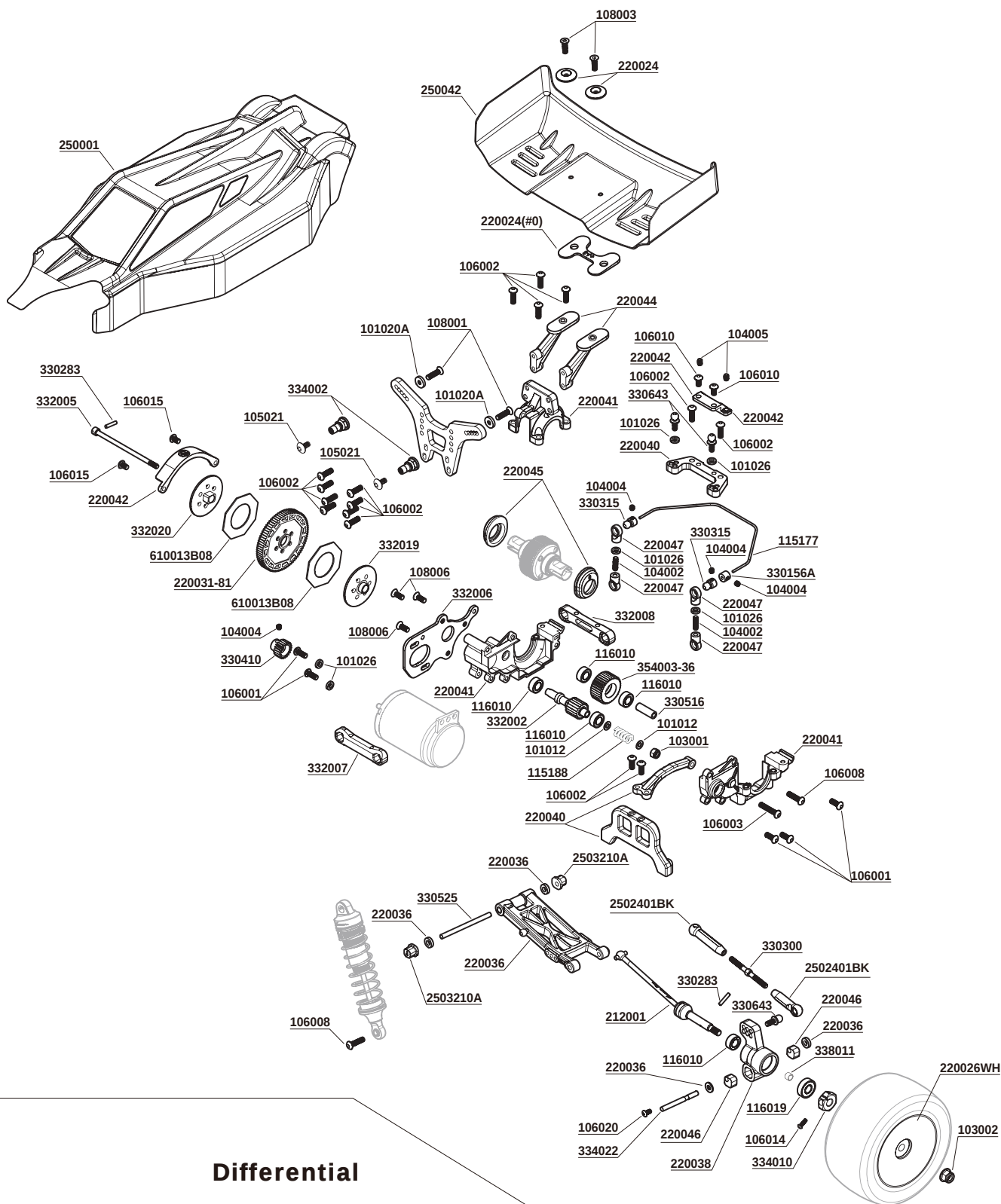
Item No.	Part Name
SW-210072	S12-1 Series Gear Diff Set
SW-220025FY	SWORKz 1/10 2WD Off Road Competition Front Dish Wheel (FY) (4PC)
SW-220026FY	SWORKz 1/10 2/4WD Off Road Competition Rear Dish Wheel (FY) (4PC)
SW-220031-72	S14-3 Precision Plastic Center Spur Gear 72T for Slipper Clutch
SW-220031-78	S14-3 Precision Plastic Center Spur Gear 78T for Slipper Clutch
SW-220035H	S12-2 Front Lower Arm Set in Pro-composite Hard Material
SW-220036H	S12-2 Rear Lower Arm Set in Pro-composite Hard Material
SW-220037H	S12-2 Side Guard Set in Pro-composite Hard Material
SW-250042	SWORKz 1/10 sonic lexan wing 6.5"
SW-250042-1	SWORKz 1/10 Sonic Lexan Wing 6.5" (Harder)(1PC)
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-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-252001L	S12-2 Eaglet ST-2 Clean Body Shell (Light)
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-330689	S12-1M/R Aluminum Diff Case Cover
SW-330690	S12-1M/R Aluminum Savor Servo Arm (25T)
SW-330692	S12-1M/R Aluminum Savor Servo Arm (23T)
SW-332009	S12-2 Brass Front Lower Arm Balance Holder (25g)
SW-332028	S12-2 Aluminum Front Upper Arm Holder
SW-332029	S12-2 Aluminum Rear Upper Linkage Mount
SW-334011	S14-3 12mm Wheel Hex (5.7mm)(Option)(2PC)
SW-334038	S14-3 12mm Wheel Hex (6.7mm)(Option)
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-115160	S14/S12 Black Competition Rear Shock Spring (L4-Dot)(57x1.1x7.5)
SWC-115161	S14/S12 Black Competition Rear Shock Spring (L3-Dot)(57x1.1x8.0)
SWC-115185	S12-2 Black Competition Front Shock Spring (US4-Dot)(38x1.2x6.0)
SWC-115187	S12-2 Black Competition Front Shock Spring (US2-Dot)(38x1.2x7.25)
SWC-116013A	SWORKz Competition 10x15x4mm Ball Bearing (Metal Case)(6PC)
SW-212003	S12-2 Series Front Sway Bar Kit (1.0/1.1/1.2/1.3mm)
SW-212004	S12-2 Series Rear Sway Bar Kit (1.2/1.3/1.4/1.5/1.6mm)
SW-115173	S12-2 Front Sway Bar 1.1mm
SW-115174	S12-2 Front Sway Bar 1.2mm
SW-115175	S12-2 Front Sway Bar 1.3mm
SW-115176	S12-2 Rear Sway Bar 1.2mm
SW-115178	S12-2 Rear Sway Bar 1.4mm
SW-115179	S12-2 Rear Sway Bar 1.5mm
SW-115180	S12-2 Rear Sway Bar 1.6mm
SWC-116010C	SWORKz Competition 5x10x4mm Ball Bearing Metal Case)(6PC)
SWC-116019A	SWORKz Competition 5x13x4mm Ball Bearing (Metal Case)(4PC)

Shock Absorbers

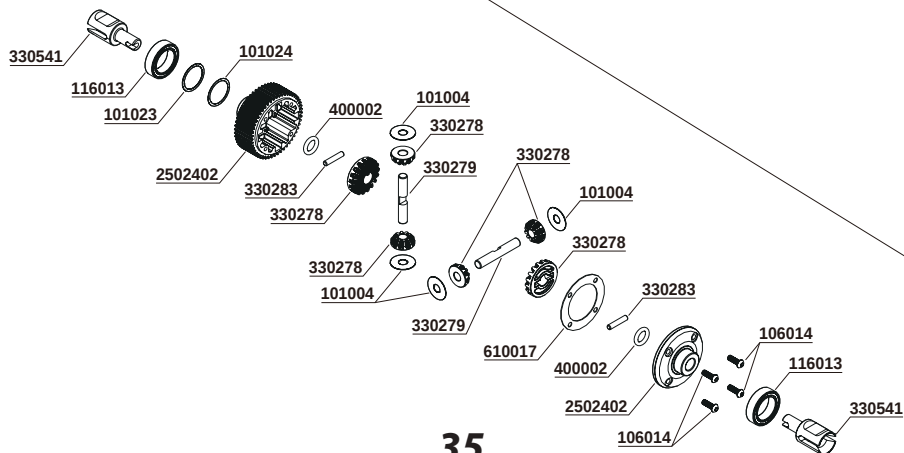
Front

Rear





Differential



S12:2

1/10 Off Road 2WD Racing Electric Buggy



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