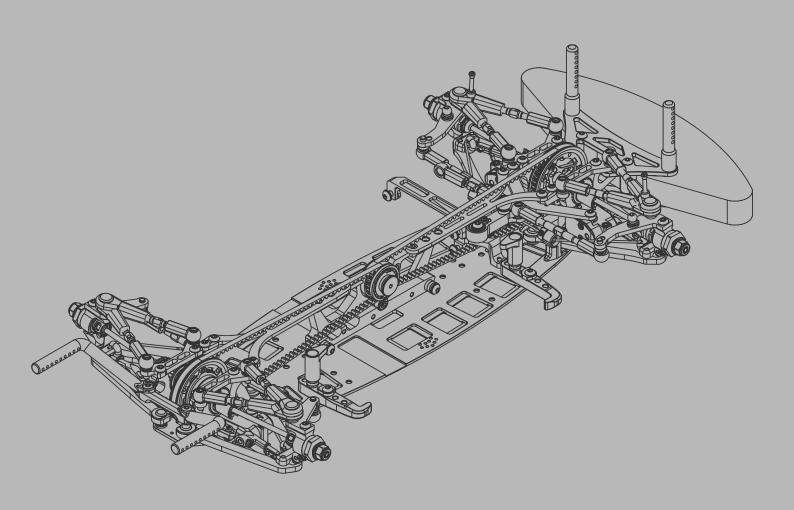


1/10-SCALE TOURING CAR



INSTRUCTION MANUAL



INTRODUCTION

Congratulations on purchasing your Awesomatix car!

The A800RR car was produced by UAB "Awesomatix" company.

The A800RR car utilises many unique features, including some patented innovations.

BEFORE YOU START

The A800RR car is a high-quality, innovative 1/10-scale touring car and should be built only by users with previous experience building R/C model racing cars.

This is not a toy and is not intended to be used by children without direct supervision of a responsible, knowledgeable adult. Read the instruction manual carefully and fully understand it before beginning assembly. If you have any problems or questions please do not hesitate to contact the Awesomatix team at support@awesomatix.com.

If, for any reason, you decide that you do not want your A800RR car you must not begin assembly.

Your A800RR car cannot be returned to UAB Awesomatix for a refund or exchange if it has been fully or partially assembled.

This kit is a radio controlled model racing product and could cause harm and personal injury.

The A800RR car is designed for use on r/c car race tracks. It should not be used in general public areas.

UAB Awesomatix accept no responsibility for any injuries caused by making or using this kit.

Due to policy of continuous product development the exact specifications of the kit may vary.

UAB Awesomatix do reserve all rights to change any specifications without prior notice. All rights reserved.

ASSEMBLY NOTES

Before starting each build-stage check that you have the right quantity and size of items for the build-stage. To assist you with assembling your A800RR car, we have included full-size images of all the small hardware components. You can place each part directly on the images to easily verify their size and length.. You can find useful tips, pictures and advices regarding the A800RR platform at the following link: http://site.petitrc.com/reglages/awesomatix/SetupSheetsAwesomatixA800RR.html

GENERAL PRECAUTIONS

- Many of the items in this kit are small enough to be accidentally swallowed and are therefore potential choking hazards, making them potentially fatal. Please ensure that when assembling the kit you do so out of the reach of small/young children.
- · Take care when building, as some parts may have sharp edges.
- Please read this manual carefully to understand which ancillary items (tools, electrics, electronics etc) are used with this kit. UAB "Awesomatix" accepts no responsibility for the operation of any such ancillary items.
- Exercise care when using tools and sharp instruments.
- Follow the operating instructions for the radio equipment at all times.
- Never touch rotating parts of the car as this may cause injury.
- Keep the wheels of the model off the ground when checking the operation of the radio equipment.
- To prevent any serious personal injury and/or damage to property, be responsible when operating all remote controlled models.
- The model car is not intended for use on roads or areas where its operation can conflict with or disrupt pedestrian or vehicular traffic.
- Do not run your car in poor light or if it goes out of sight. Any impairment to your vision may result in damage to your car or, worse, injury to others or their property.
- As a radio controlled device, your car is subject to radio interference from things beyond your control. Any such interference may cause a loss of control of your car so please consider this possibility at all times.
- · When not using RC model, always disconnect and remove battery.
- Insulate any exposed electrical wiring to prevent dangerous short circuits.

Take particular care in wiring, connecting and insulating cables. Make sure cables are always connected securely.

Check for loose connectors and if so reconnect them securely. Never use R/C models with damaged wires.

A damaged wire is extremely dangerous and can cause short-circuits resulting in fire.

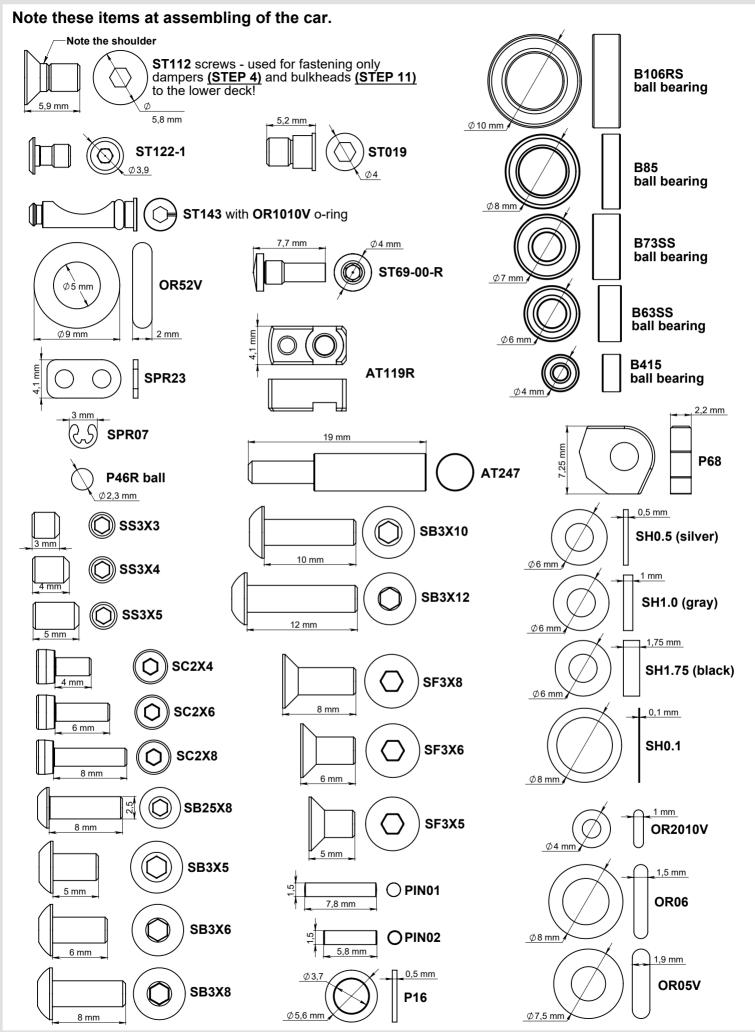
EQUIPMENT RECOMMENDED (NOT INCLUDED)

- · Radio Transmitter
- · Radio Receiver
- · Electronic Speed Control
- · Steering Servo
- Servo Horn
- Electric Motor
- Pinion Gear (64 or 48 Pitch)
- Spur Gear (64 or 48 Pitch)
- 7.4 V Li-Po Battery
- 190mm Body Shell
- · Touring Car Wheels, Tires, Inserts

TOOLS RECOMMENDED (NOT INCLUDED)

- 1.5mm, 2.0mm Hex Driver
- 5.5mm, 3/8, 10mm Wrenches
- · Calipers
- · Hobby Knife
- · Camber Gauge
- · Ride Height Gauge
- Thread Lock
- 5'000 cst Silicone Diff Oil
- 300 cst Silicone Shock Oil
- Joint Grease
- O-Ring Grease





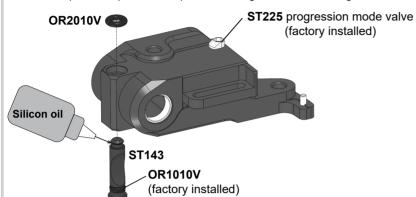


STEP 1 - Assembling of the D4 Dampers

D4 dampers feature external switching between linear, progressive and semi-progressive damping modes without the need for disassembly. See page 28 for setup technique.

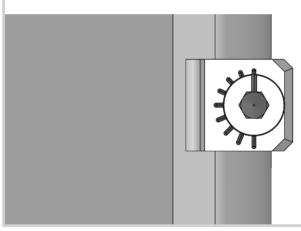


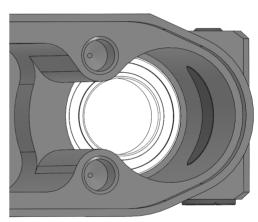
#1 Insert OR2010V o-ring into the upper cavity of AM242R/L-D4 case. Lubricate ST143 with a small amount of silicon oil. Note that one OR1010V o-ring is already factory installed on each ST143. Hold OR2010V o-ring with the tip of your finger and insert the lubricated ST143 into AM242R/L-D4 hole. Rotate and press on ST143 simultaneously with 1,5mm hex screwdriver so that the pointed tip of ST143 passes through OR2010V o-ring.



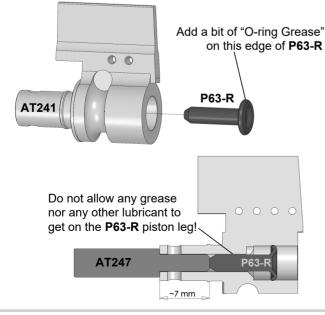


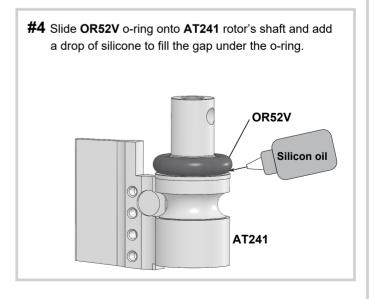
#2 Turn ST143 valve into the shown position to allow insertion of AT241 rotor.



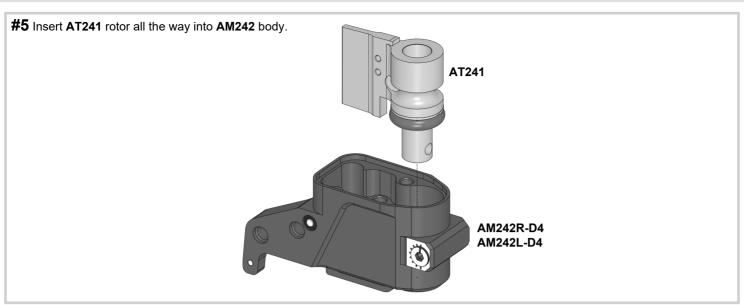


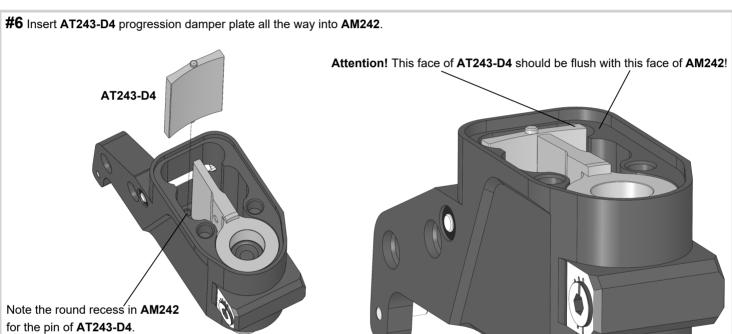
#3 Lubricate the outer edge of the P63-R piston with a small amount of "O-ring Grease". MXLR brand o-ring grease is recommended. Do not allow any grease nor any other lubricant to get onto the P63-R piston leg! Insert P63-R piston into AT241 at full depth. Insert AT247 probe into the output hole of AT241 rotor and shift P63-R piston to the recommended ~7mm position.



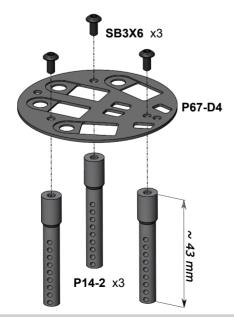








#7 Prepare the damper stand enabling the use of your typical Tamiya style RC Damper Oil Air Remover tool. Either attach **P67-D4** stand to three **P14-2** posts (cut to ~43mm length) or directly replace one of the original plate by **P67-D4**.





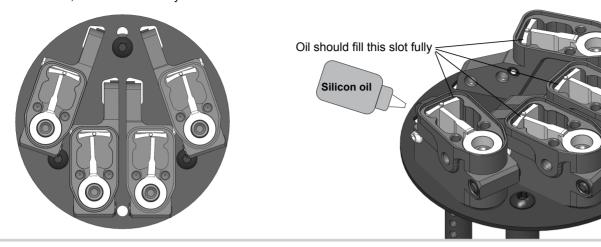
TIP / Recommended items:

MAX-02-003 - MXLR Awesomatix A800R ShockVac

MAX-01-003 - MXLR O-Ring grease (for P63 & OR52V)

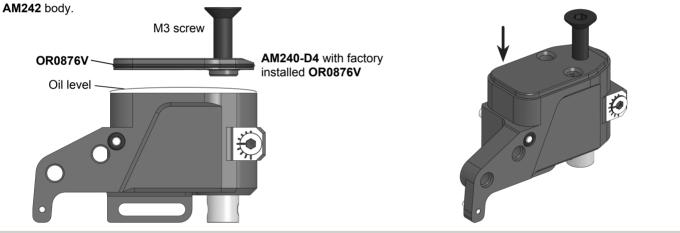


#8 Install the dampers on the air remover stand and keep them vertically. We recommend 300 cst silicone oil as a base. Fill up the dampers with the desired silicone oil. The oil level should reach the top face of **AT243-D4** and **AT241** at this stage. Make sure to also fill up the cavity over **P63-R** piston. Pay special attention to the narrow slot behind **AT243-D4**. A lack of oil here is hard to detect, add oil if necessary!

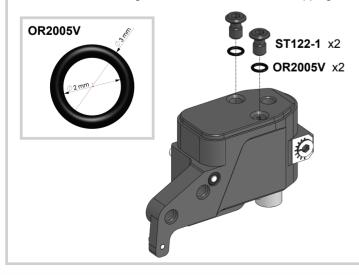


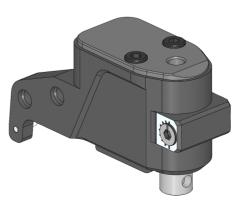
#9 Vacuum should be applied at least 10 times x 2 minutes. Try to reach the maximum possible level of vacuum on each cycle. There are many small cavities inside the damper bodies where air might get trapped for a long time. Repeat as many vacuum cycles as necessary for as long as air bubbles keep appearing. This step is crucial to obtain perfectly operating dampers!

#10 Add more oil into the damper. The oil level should be a little over the upper edge of AM242. Insert a long M3 screw into the special hole of AM240-D4 to grab AM240-D4 cover. AM240-D4 should be inserted 100% horizontally and slowly to allow the oil to fill the cavity of AM240-D4 and to push trapped air through the two mounting screw holes. AM240-D4 should dive into the oil under its own weight at this stage. Next carefully press onto AM240-D4 with your fingertip to slowly submerge AM240-D4 all the way into its pocket on top of



#11 Keep the damper vertically while screwing on the two **ST122-1** screws with **OR2005V** o-rings. Make sure not to overtighten these screws to avoid stripping the threads!





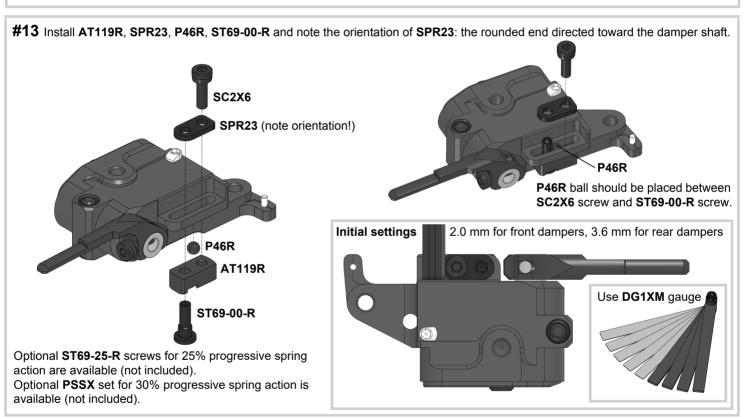
Wipe off the oil excess from the damper body with paper towels and remove M3 screw.

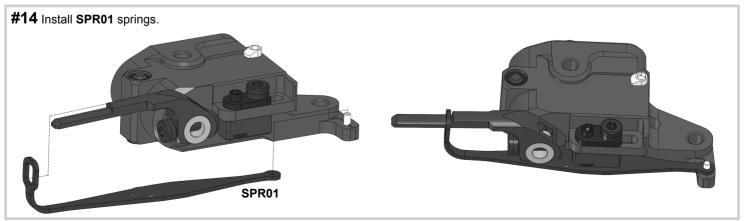


#12 Install **ST102F** (longer part) onto the front dampers and **ST102R** (shorter part) onto the rear dampers. Tighten **SC2X8** screw until contact, then add ¼ of a turn (ensuring coupling between **ST102** and **AT241** is done by friction, and not by the screw acting as a pin). Keep the damper vertically and swing **AT241** rotor a few times in both directions. In case you feel air bubbles inside the damper remove **AM240-D4** cover, add some oil into the damper and repeat the **AM240-D4** installation process.

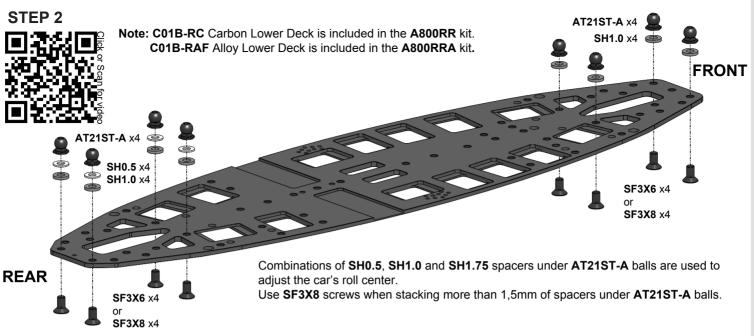


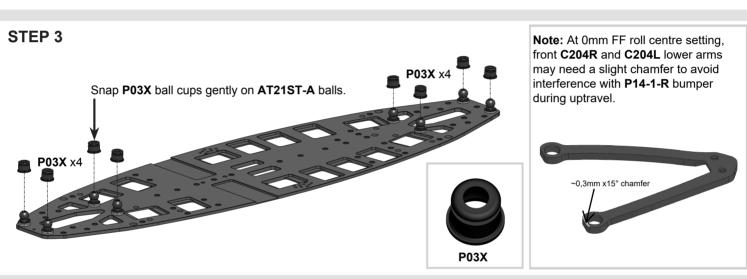
Comment: Note that dampers sit in the horizontal position in the car. Therefore, any trapped air is necessarily located near the top wall of the damper and does not affect the rotor action. These dampers are equally effective on track even with a bit of air trapped inside. These bubbles can only be felt when they can go through the rotor blade when the dampers are operated vertically.

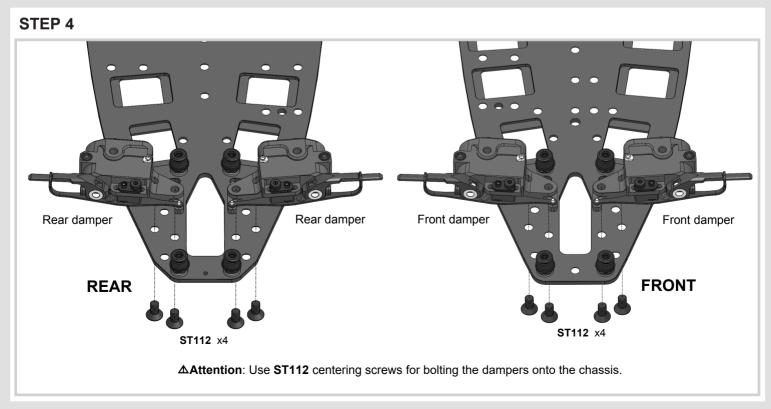




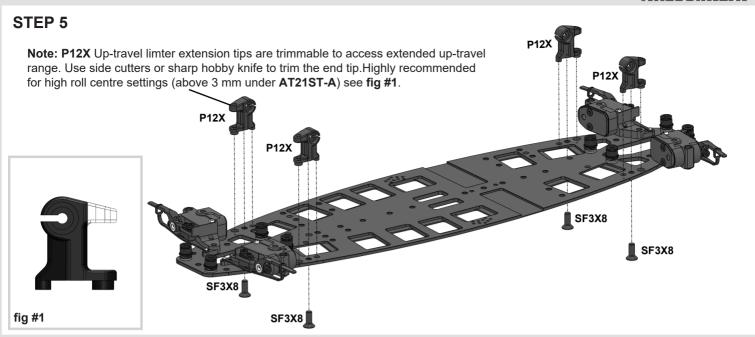


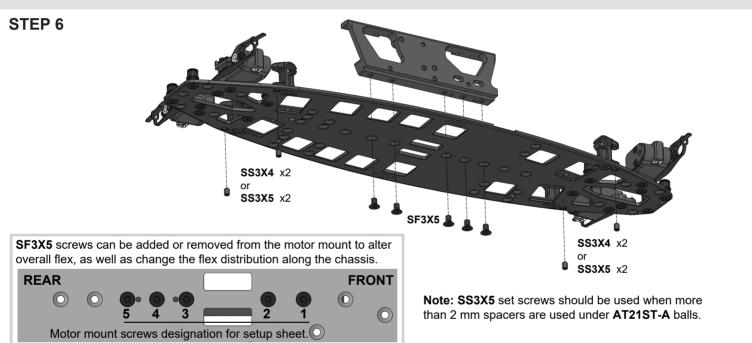




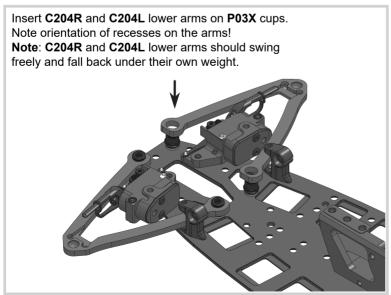


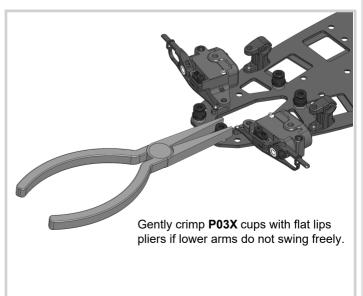






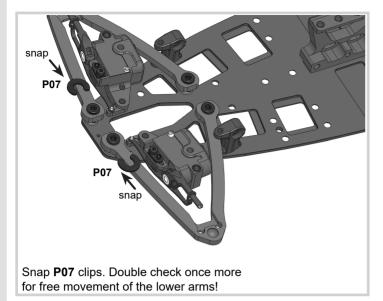
STEP 7

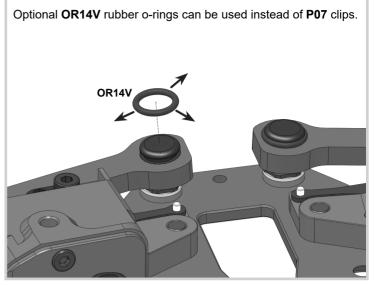




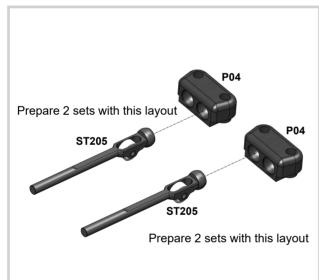


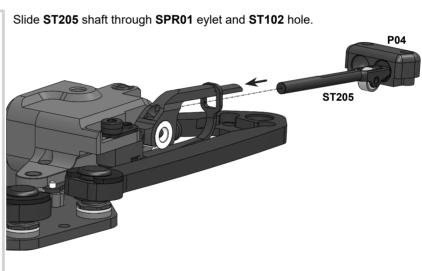
STEP 8



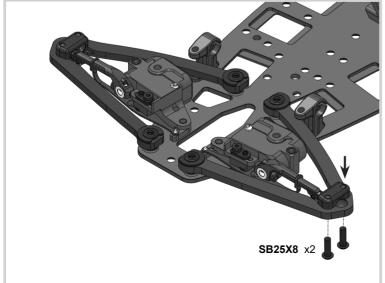


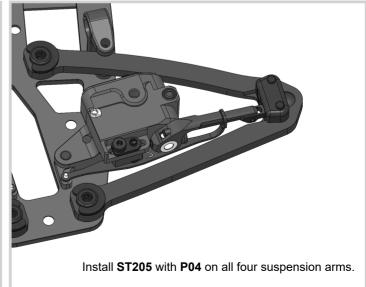
STEP 9



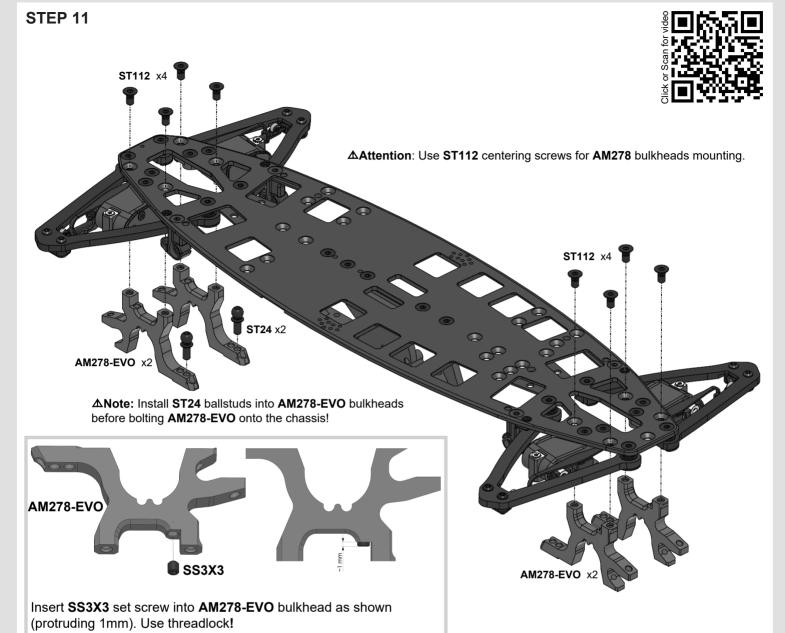


STEP 10



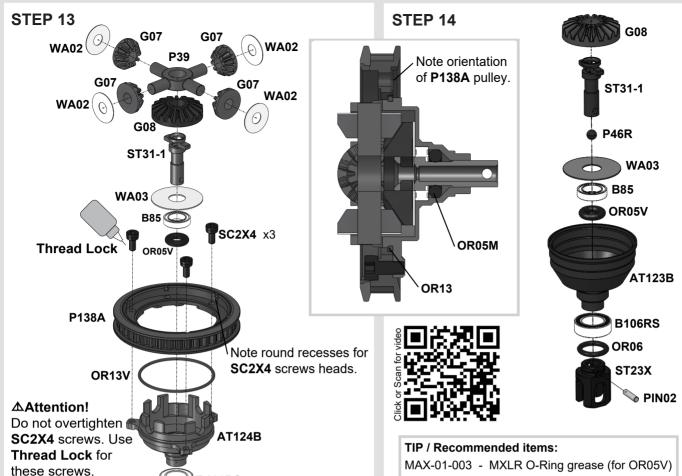


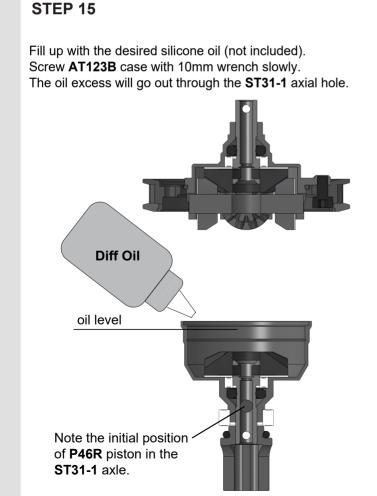




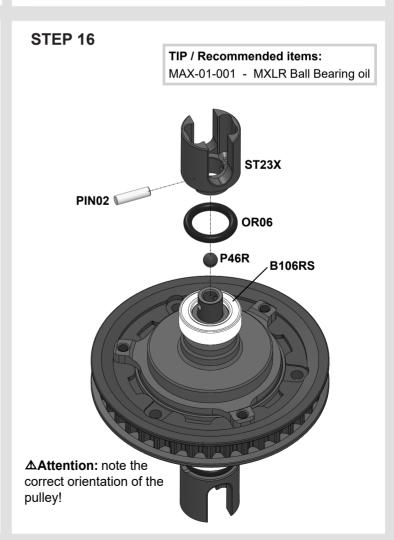
Attention! Note orientation of this chamfer on DT22. AT120-5 B84RS AT62-5M B106RS Note: AT120XB is fully factory assembled for your kit.







B106RS



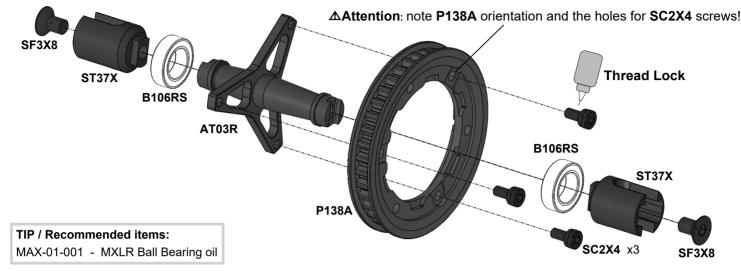
MAX-02-002 - MXLR Awesomatix TC Multi Tool

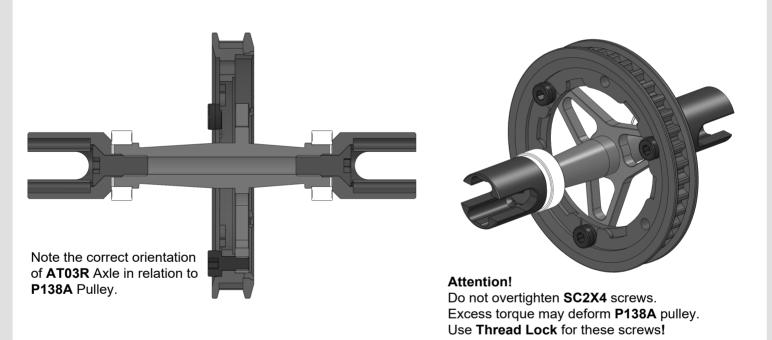


STEP 17

AT03R Spool Axle

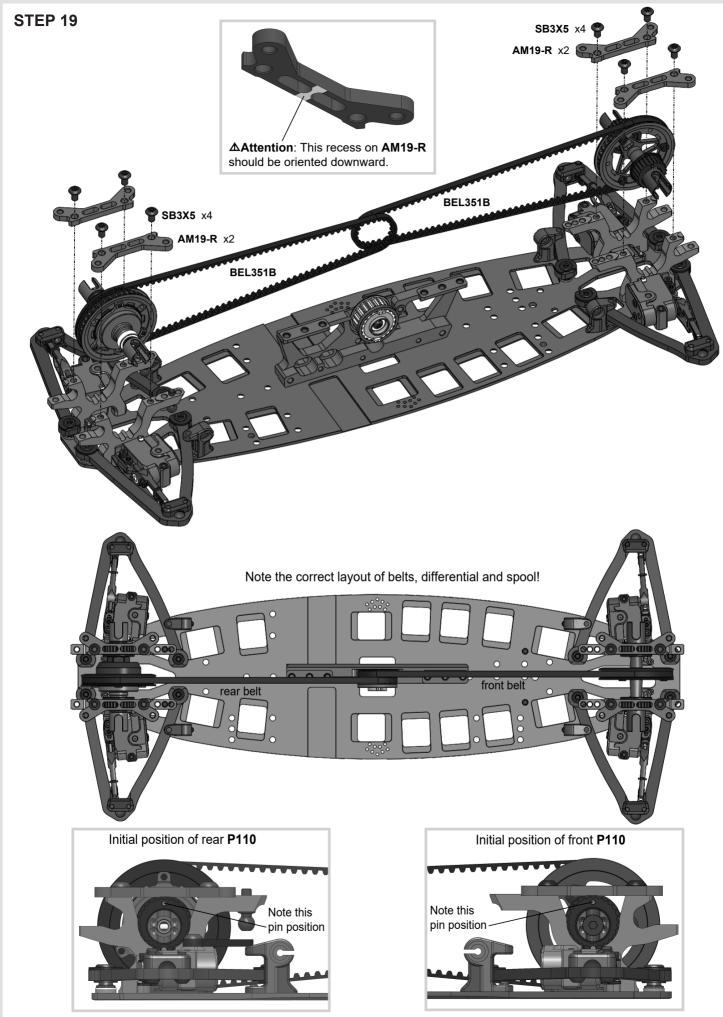




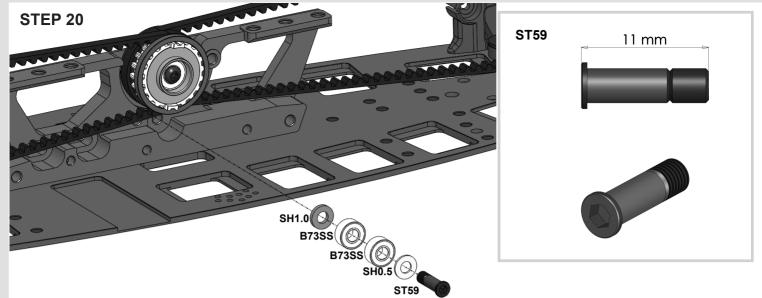




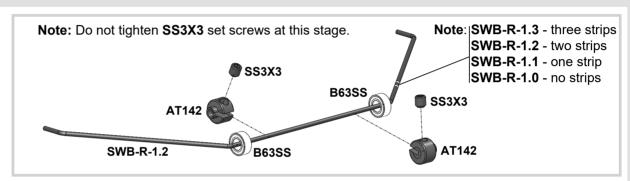




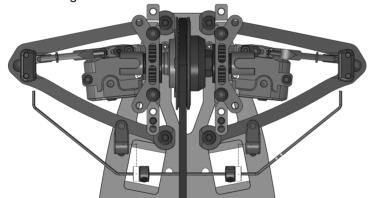








Install rear and front sway bars into P12X.
Adjust AT142 stoppers to achieve centered sway bar position and then tighten SS3X3 set screws.

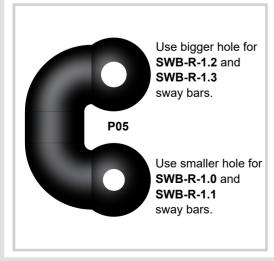


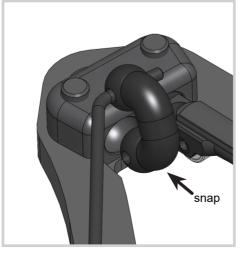
Attention!

The deflected tips of sway bar should be directed downwards.



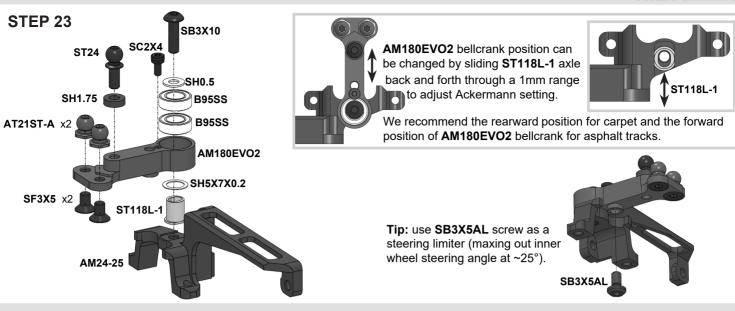
STEP 22

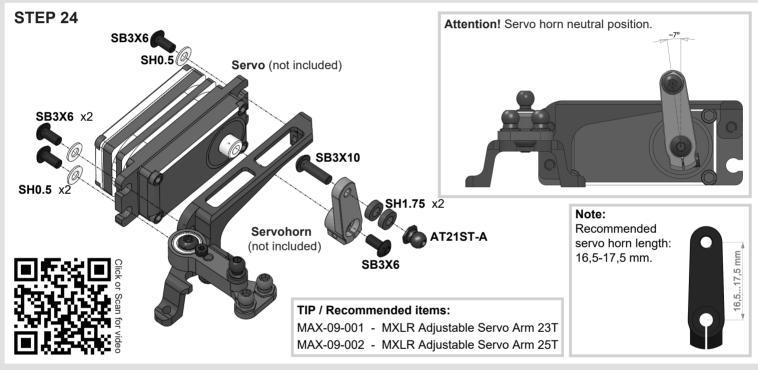


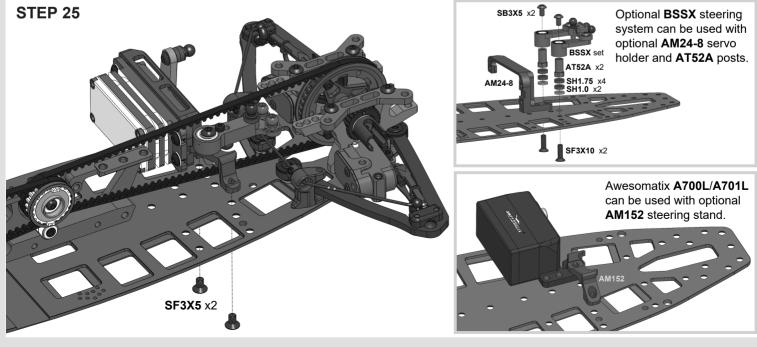




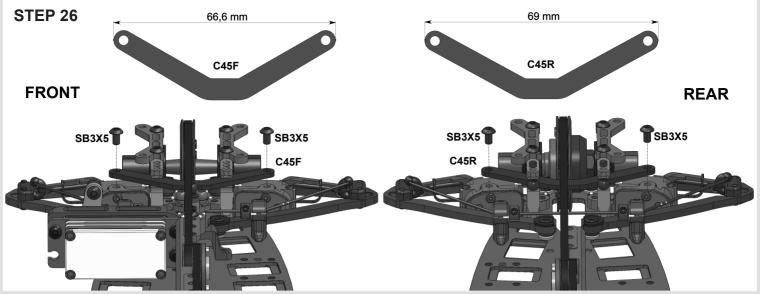


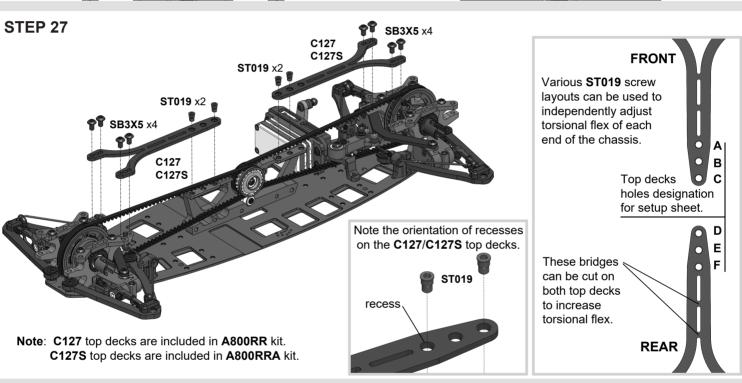




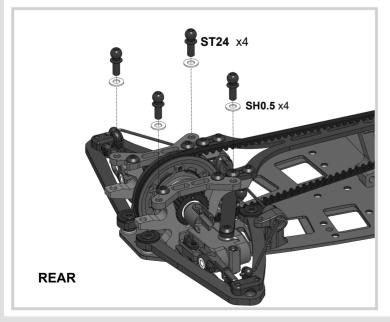


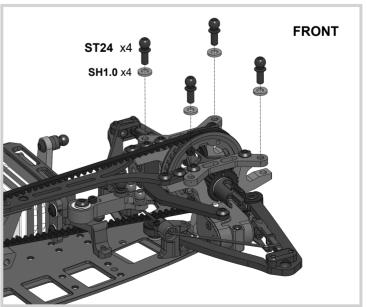




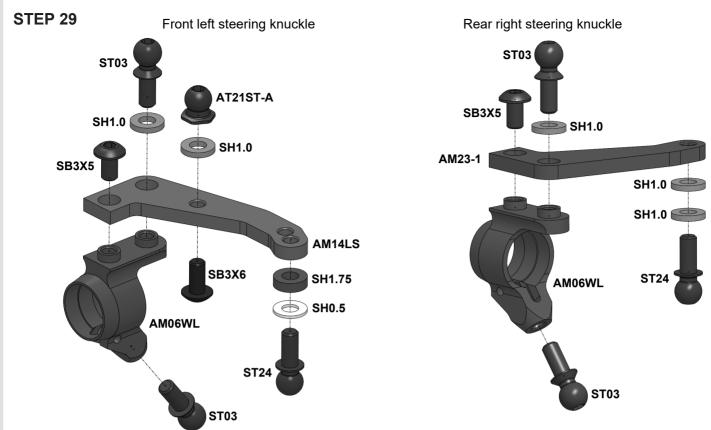


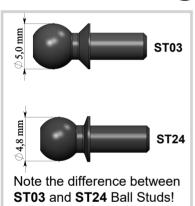
STEP 28







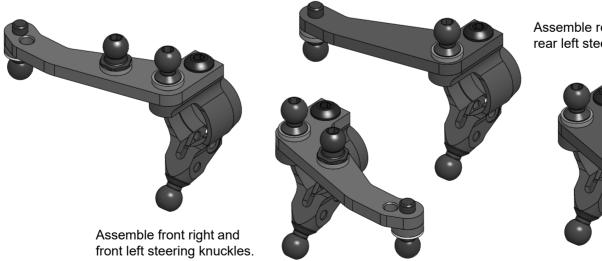




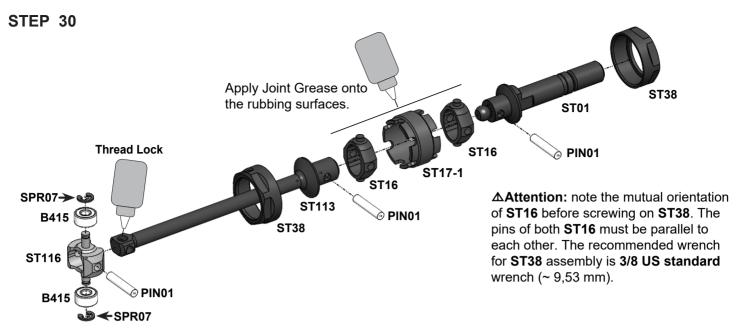
Attention: The last turns of the lower **ST03** Ball Studs and **SB3X5** screws can be tight. Screw them on with force!

Note: Other combinations of **SH0.5**, **SH1.0** and **SH1.75** spacers can be installed under **ST03** and **ST24** ball studs to set-up the car for different track condition.

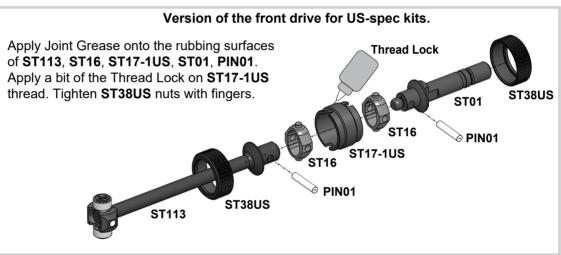


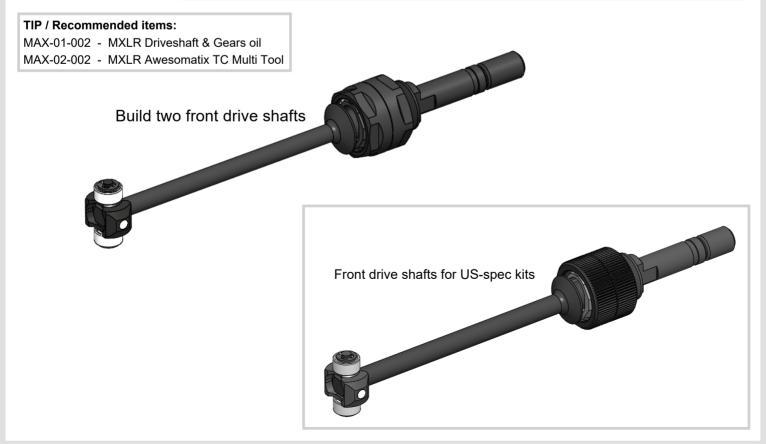




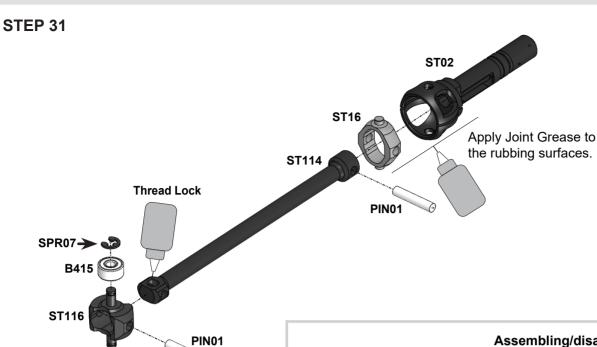






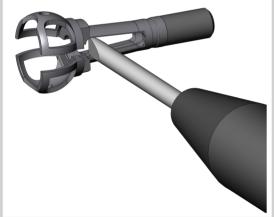




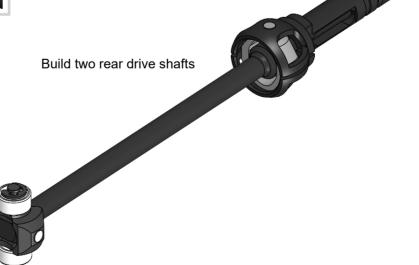


Tip: Insert a 2.5mm flat screwdriver (or tail end of **Awesomatix T01** wrench) into **ST02** slot then rotate 90° to open it up.

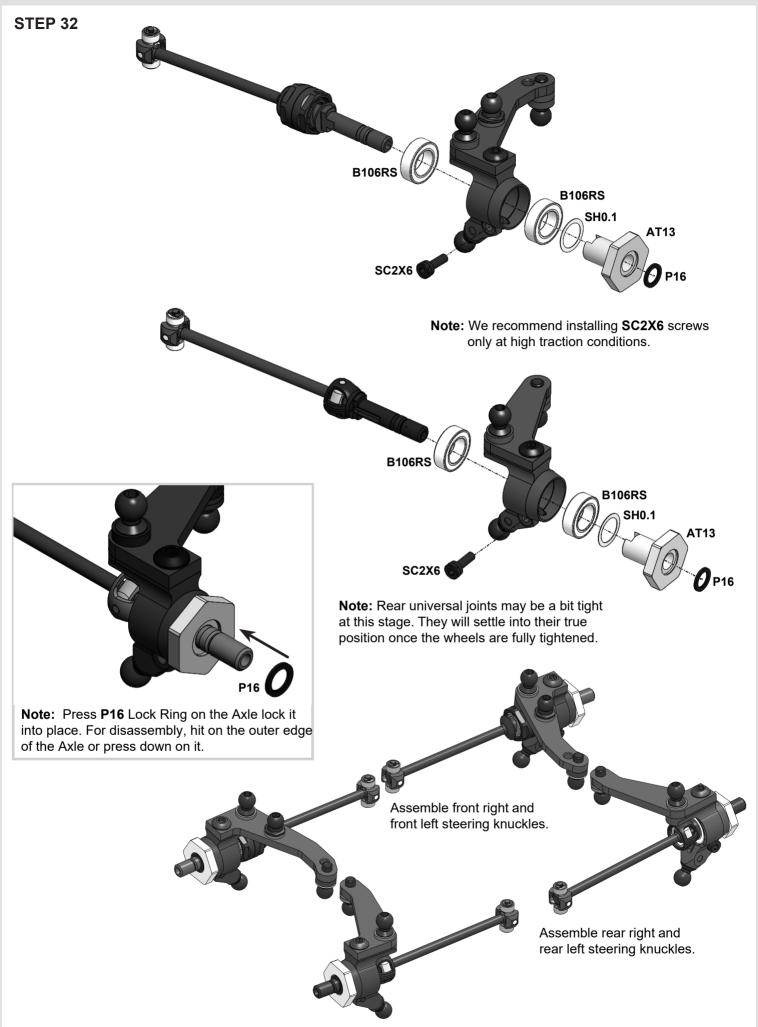
SPR07→



Assembling/disassembling method 1. Open up ST02 rear axle slightly. 2. Take out/insert ST16 u-joint cross from/into unclamped ST02 rear axle.









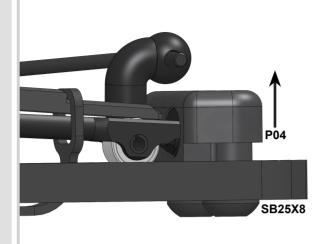


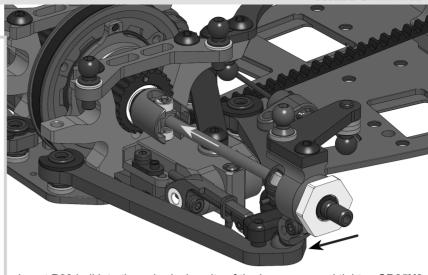
Note: The rods and arms sizes are given for approximately 5.5° front caster and -2° rear caster, 0.5° front camber and 1° rear camber, 2.5° rear toe-in and 1° front toe-out. Use a setup station or a angle gauge for precise suspension geometry setting. See our recommendations on page **#28** for quick and easy suspension geometry change.

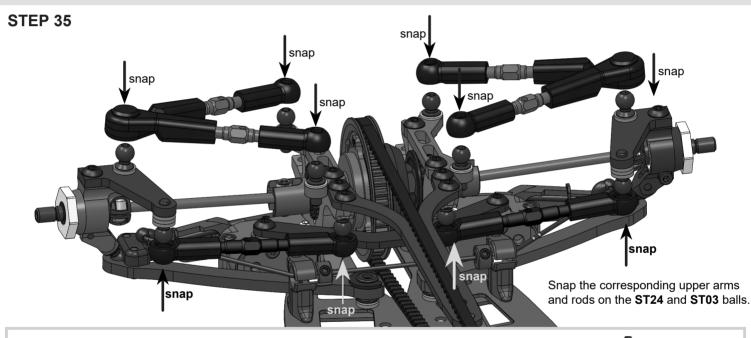
AWESOMVLIX

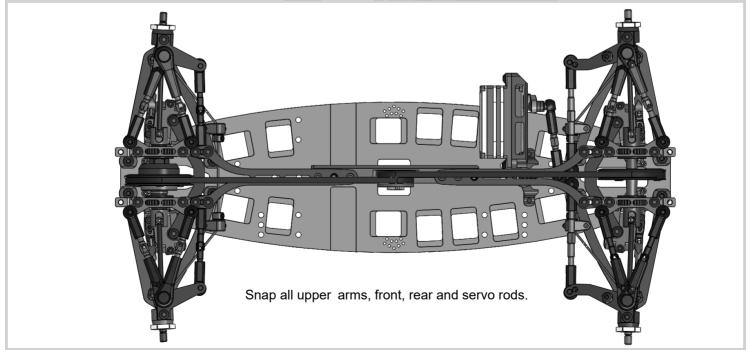
STEP 34

Unscrew **SB25X8** screws on ~3 turns and shift **P04** up to create ~1.5mm gap between **P04** and the lower arm.

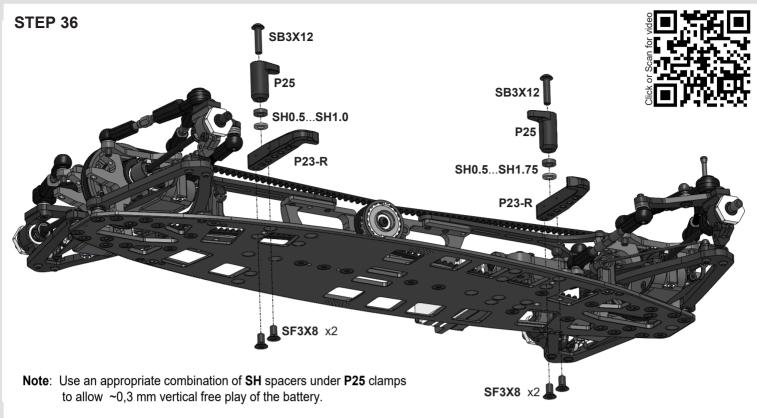


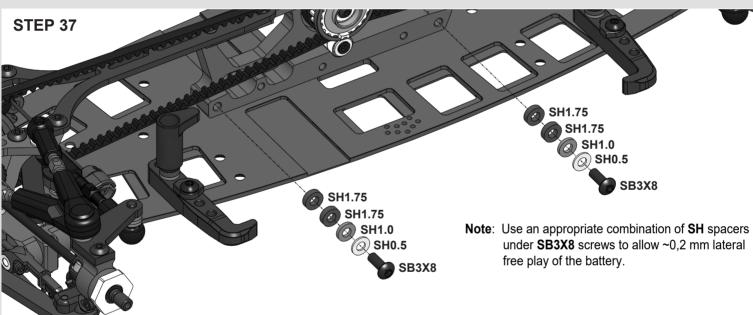


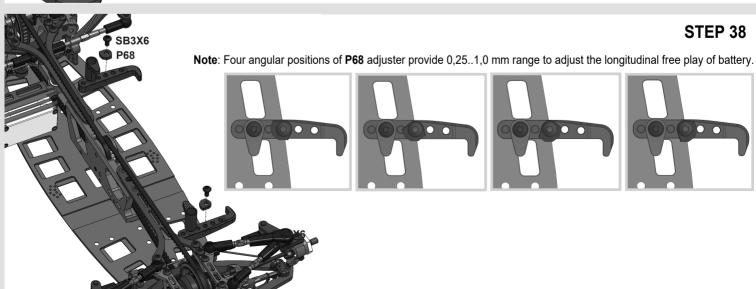




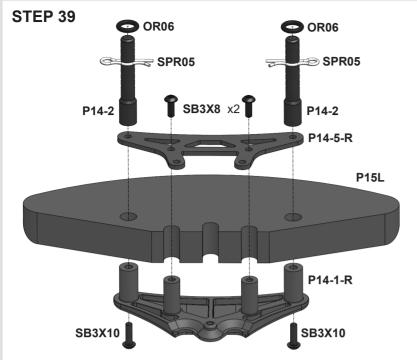


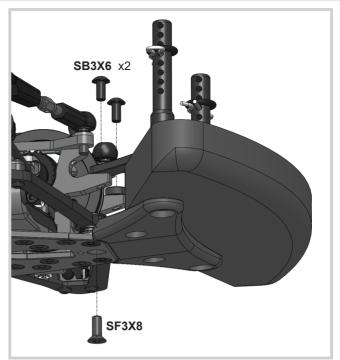


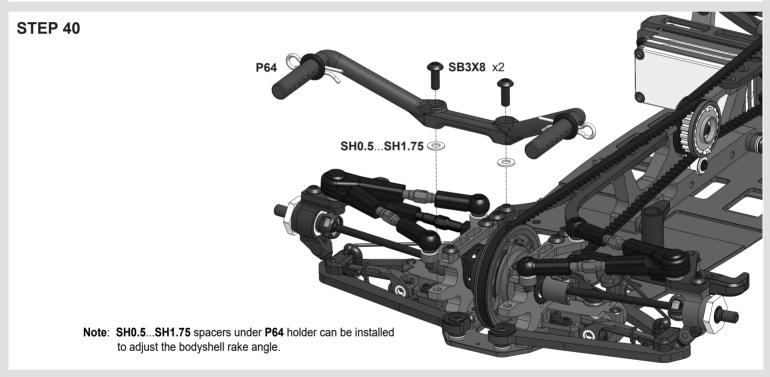


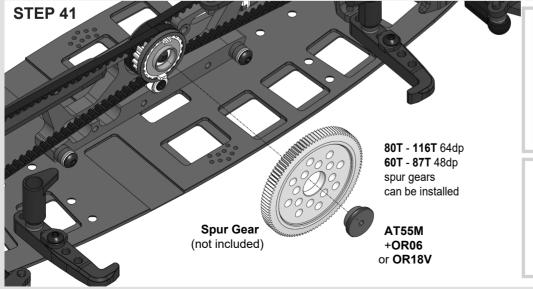


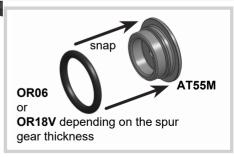


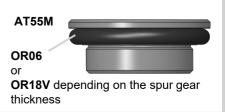




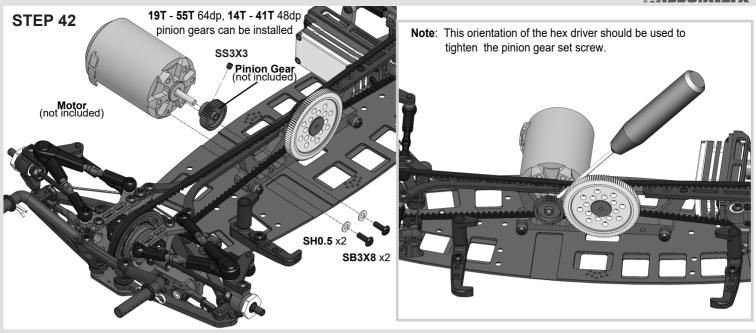


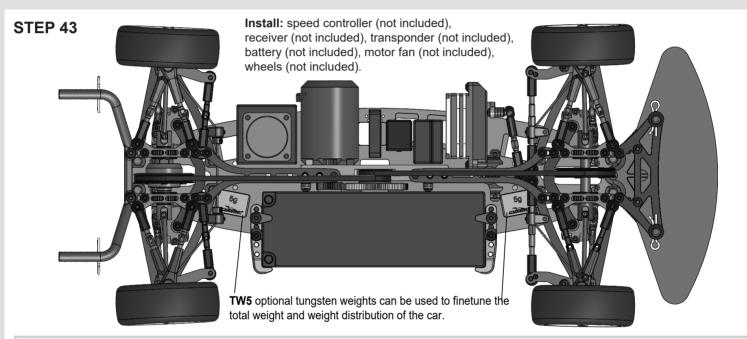


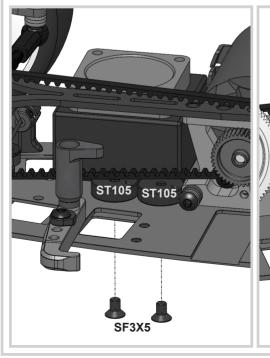


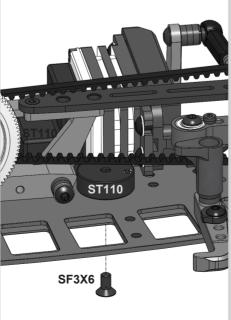


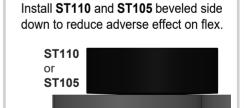












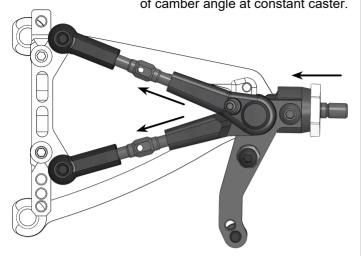
The engraved sides of **ST110** and **ST105** are flat. The opposite sides are beveled.



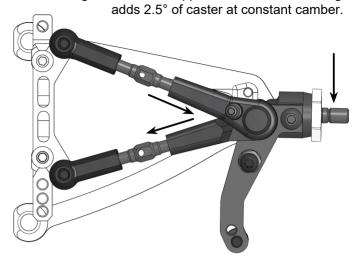


SUSPENSION SETTING TECHNIQUE

Camber adjustment rule: Simultaneous both upper rods 0.5mm shortening (1/2 turn of both turnbuckles) adds 1.0° of camber angle at constant caster.

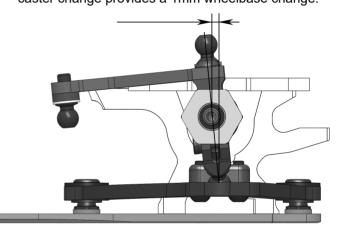


Caster adjustment rule: Simultaneous front upper rod 0.5mm elongation and rear upper rod 0.5mm shortening adds 2.5° of caster at constant camber.



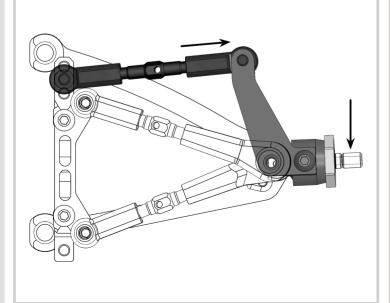
Caster measuring: Caster angle° = (H1-H2)*1.5 for front (H1-H2)*1.7 for rear TIP / Recommended items: MAX-02-001 - MXLR Awesomatix Caster Tool

Wheelbase adjustment: Alter the car's wheelbase by adjusting rear caster. A 4° caster change provides a 1mm wheelbase change.



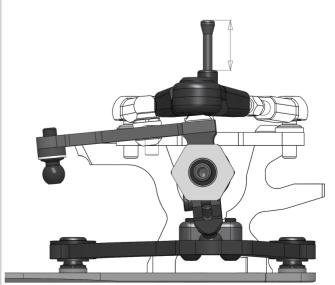
Rear suspension toe-in adjustment:

Rear rod 0.5mm elongation reduces the toe-in by 1.0°



Body shell front end downtravel adjustment:

Use **SC2X15** screws to adjust bodyshell down travel limit.





D4 dampers setting technique

Attention! D4 dampers allow to adjust the damping level, spring rate and progressivity of damping without replacing of the shock's oil and spring and without disassembling the damper.

1. Damping and Shock Spring rate setting

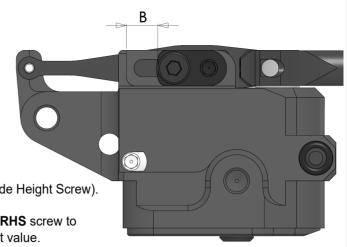
Increase **B** distance (slide **AT119R** holder outward) to increase the spring rate. Reduce **B** distance (slide **AT119R** holder inward) to reduce the spring rate. Use **SRS** (Spring Rating Screw) to unlock **AT119R** holder and to lock it at the desirable position.

2. Shock Spring preload setting

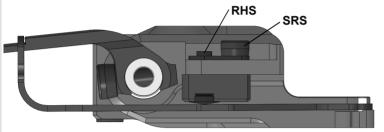
Spring preload and the ride height of the car is adjusted by the **RHS** (Ride Height Screw). In A800RR kit **ST69-00-R** screw is provided as **RHS** screw.

Turn IN (CW) **RHS** screw to increase spring preload. Turn OUT (CCW) **RHS** screw to

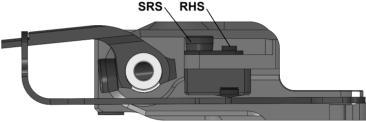
decrease spring preload. Use spring preload setting to adjust ride height value.



3. SRS/RHS Screws arrangements



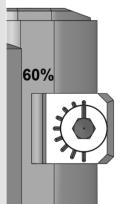
SRS/RHS screws arrangement I

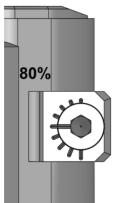


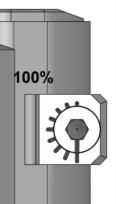
SRS/RHS Screws arrangement II

4. Damping level setting

ST143 valve angular position indicates the damping level from 60% to 100% at 5% increment.



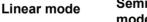


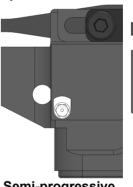


5. Damping progressivity setting

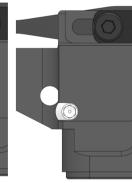
ST225 valve angular position indicates one of three possible damping progressivity levels.



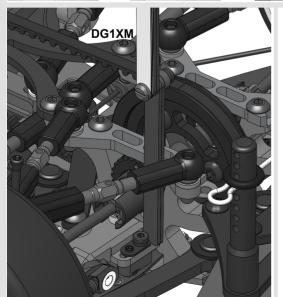




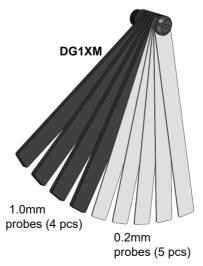
Semi-progressive mode



Progressive mode

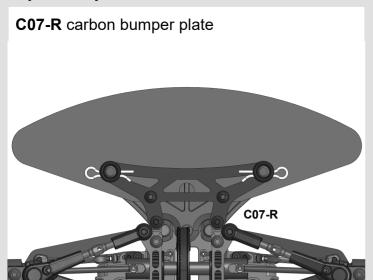




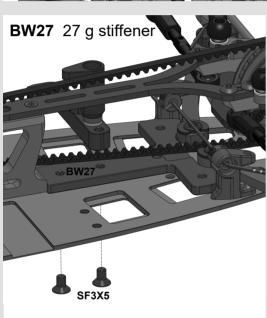


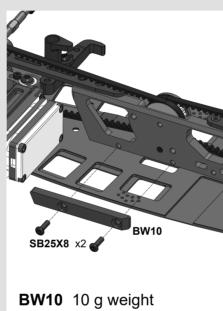
DG1XM

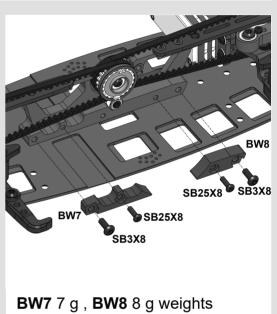
Optional parts and sets



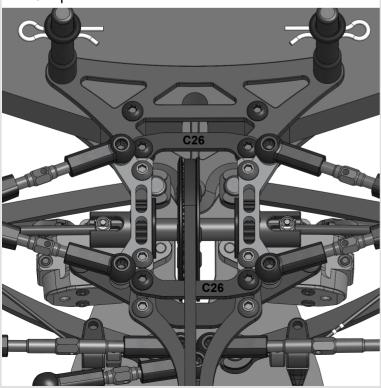


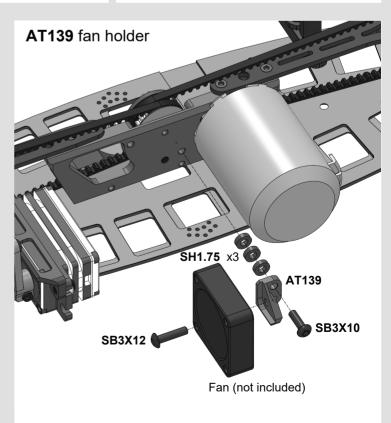






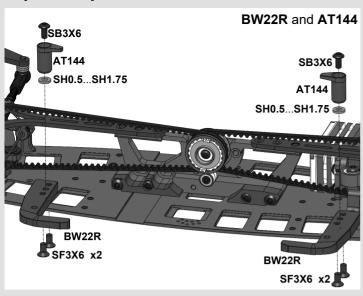
C26 top stiffener

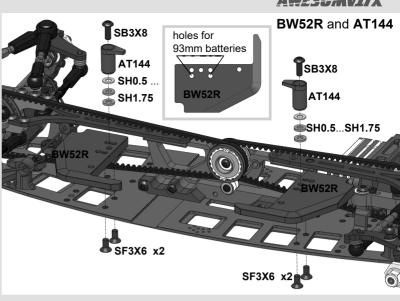


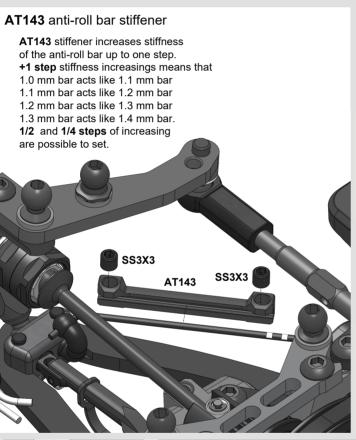


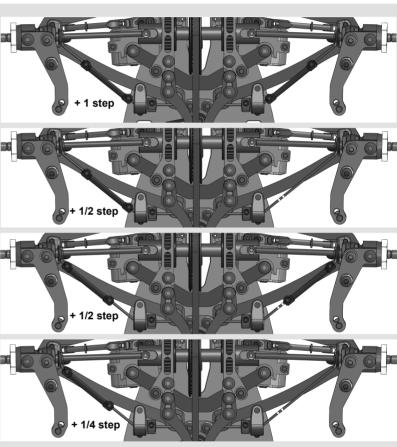
Optional parts and sets

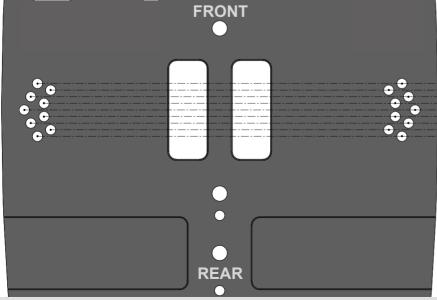










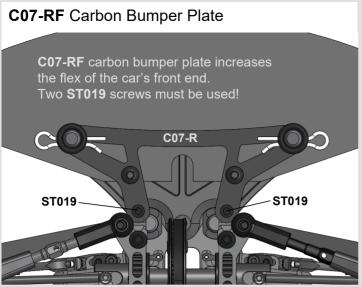


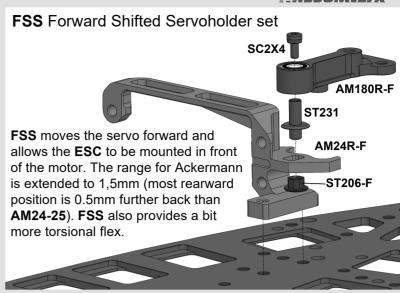
Front/Rear weight distribution measuring holes on the lower deck.

F52/R48% F51.5/R48.5% F51/R49% F50.5/R49.5% F50/R50% F49.5/R50.5% F49/R51% F49.5/R50.5%

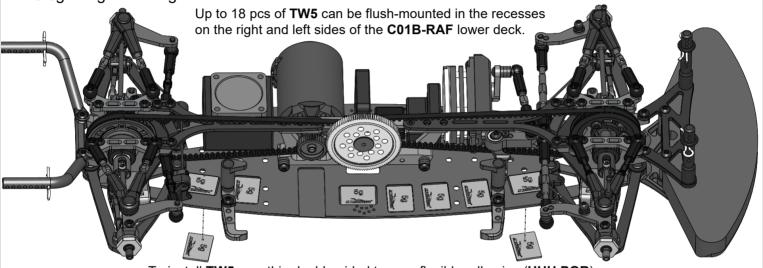
Optional parts and sets





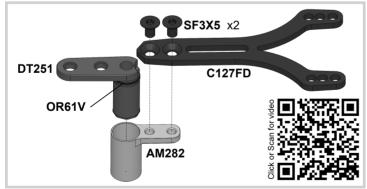


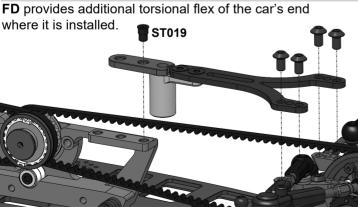




To install TW5, use thin double-sided tape or flexible adhesive (UHU POR).

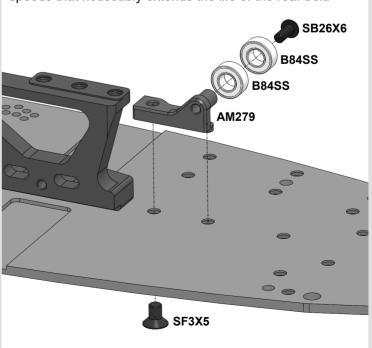
FD Flex Damper set





AM279 Rear Belt Tensioner set

AM279 tensioner reduces vibrations of the rear belt at high speeds that noticeably extends the life of the rear belt.





FINAL DRIVE RATIO CHART

DRIVE TRAIN RATIO IS 1,9

64dp SPUR GEAR SIZE

1,9	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	11
19																																					11,
20																																				10,93	11,
21																																			10,31	10,40	10,
22																																		9,76	9,85	9,93	10,
23																																	9,25	9,33	9,42	9,50	9,
24																																8,79	8,87	8,95	9,03	9,10	9,
25																															8,36	8,44	8,51	8,59	8,66	8,74	8
26																														7,97	8,04	8,11	8,18	8,26	8,33	8,40	8
27																													7,60	7,67	7,74	7,81	7,88	7,95	8,02	8,09	8
28																																			7,74	7,80	7
29																											6,94	7,01	7,08	7,14	7,21	7,27	7,34	7,40	7,47	7,53	7
30																										6,65	6,71	6,78	6,84	6,90	6,97	7,03	7,09	7,16	7,22	7,28	7
31																									6,37	6,44	6,50	6,56	6,62	6,68	6,74	6,80	6,86	6,93	6,99	7,05	7
32																								6,12	6,18	6,23	6,29	6,35	6,41	6,47	6,53	6,59	6,65	6,71	6,77	6,83	(
33																							5,87	5,93	5,99	6,05	6,10	6,16	6,22	6,28	6,33	6,39	6,45	6,51	6,56	6,62	
34																						5,64	5,70	5,76	5,81	5,87	5,92	5,98	6,04	6,09	6,15	6,20	6,26	6,31	6,37	6,43	
35																					5,43	5,48	5,54	5,59	5,65	5,70	5,75	5,81	5,86	5,92	5,97	6,03	6,08	6,13	6,19	6,24	-
36																				5,23	5,28	5,33	5,38	5,44	5,49	5,54	5,59	5,65	5,70	5,75	5,81	5,86	5,91	5,96	6,02	6,07	1
37																			5,03	5,08	5,14	5,19	5,24	5,29	5,34	5,39	5,44	5,49	5,55	5,60	5,65	5,70	5,75	5,80	5,85	5,91	
38																		4,85	4,90	4,95	5,00	5,05	5,10	5,15	5,20	5,25	5,30	5,35	5,40	5,45	5,50	5,55	5,60	5,65	5,70		T
39																	4,68	4,73	4,77	4,82	4,87	4,92	4,97	5,02	5,07	5,12	5,16	5,21	5,26	5,31	5,36	5,41	5,46	5,51			
40																4,51	4,56	4,61	4,66	4,70	4,75	4,80	4,85	4,89	4,94	4,99	5,04	5,08	5,13	5,18	5,23	5,27	5,32				
41																		4,495														5,14					
42																		4,39													4,98						
43													4,07	4,11	4,15	4,20	4,24	4,29	4,33	4,37	4,42	4,46	4,51	4,55	4,60	4,64	4,68	4,73	4,77	4,82							Т
44												3,93	3,97	4,02	4,06	4,10	4,15	4,19	4,23	4,28	4,32	4,36	4,40	4,45	4,49	4,53	4,58	4,62	4,66								
45																		4,10										4,52									
46										3,68	3,72	3,76	3,80	3,84	3,88	3,92	3,97	4,01	4,05	4,09	4,13	4,17	4,21	4,25	4,30	4,34	4,38										
47									3,56	3,60	3,64	3,68	3,72	3,76	3,80	3,84	3,88	3,92	3,96	4,00	4,04	4,08	4,12	4,16	4,20	4,24											
48								3,44	3,48	3,52	3,56	3,60	3,64	3,68	3,72	3,76	3,80	3,84	3,88	3,92	3,96	4,00	4,04	4,08	4,12												
49							3,33	3,37	3,41	3,45	3,49	3,53	3,57	3,61	3,64	3,68	3,72	3,76	3,80	3,84	3,88	3,92	3,96	3,99													
50						3,23	3,27	3,31	3,34	3,38	3,42	3,46	3,50	3,53	3,57	3,61	3,65	3,69	3,72	3,76	3,80	3,84	3,88														Т
51					3,13	3,17	3,20	3,24	3,28	3,32	3,35	3,39	3,43	3,46	3,50	3,54	3,58	3,61	3,65	3,69	3,73	3,76															
52				3,03	3,07	3,11	3,14	3,18	3,22	3,25	3,29	3,33	3,36	3,40	3,43	3,47	3,51	3,54	3,58	3,62	3,65																
53			2,94	2,98	3,01	3,05	3,08	3,12	3,15	3,19	3,23	3,26	3,30	3,33	3,37	3,41	3,44	3,48	3,51	3,55																	İ
54		2,85	2,89	2,92	2,96	2,99	3,03	3,06	3,10	3,13	3,17	3,20	3,24	3,27	3,31	3,34	3,38	3,41	3,45																		t
55	2,76	2,80	2,83	2,87	2,90	2,94	2,97	3,01	3,04	3,07	3,11	3,14	3,18	3,21	3.25	3.28	3.32	3 35																			T

48dp SPUR GEAR

L	1,9	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87
L	14																												11,81
	15																											10,89	11,02
	16																										10,09	10,21	10,33
	17																									9,39	9,50	9,61	9,72
	18																								8,76	8,87	8,97	9,08	9,18
4	19																							8,20	8,30	8,40	8,50	8,60	8,70
SIZE	20																						7,70	7,79	7,89	7,98	8,08	8,17	8,27
¥	21																					7,24	7,33	7,42	7,51	7,60	7,69	7,78	7,87
۱۳	22																				6,82	6,91	7,00	7,08	7,17	7,25	7,34	7,43	7,51
3	23																			6,44	6,53	6,61						7,10	7,19
Ζĺ	24																		6,10	6,18	6,25	6,33		6,49	6,57	6,65		6,81	6,89
¥ſ	25																	5,78	5,85	5,93	6,00	6,08		6,23	6,31	6,38	6,46	6,54	
PINION	26																5,48	5,55	5,63	5,70	5,77	5,85	5,92	5,99	6,07	6,14	6,21	6,28	6,36
ᆲ	27															5,21	5,28	5,35	5,42	5,49	5,56	5,63	5,70	5,77	5,84	5,91		6,05	6,12
48dp	28														4,95	5,02	5,09	5,16	5,23		5,36	5,43		5,56		5,70		5,84	
4	29													4,72	4,78	4,85	4,91	4,98	5,04	5,11	5,18	5,24		5,37	5,44	5,50	5,57		
	30												4,497	4,56	4,62	4,69	4,75	4,81	4,88	4,94		5,07			5,26	5,32			
	31											4,29	4,35	4,41	4,47	4,54	4,60	4,66	4,72		4,84	4,90	4,96		5,09				
	32										4,10	4,16	4,22	4,28	4,33	4,39	4,45	4,51	4,57	4,63	4,69	4,75		4,87					
	33									3,92	3,97	4,03	4,09	4,15	4,20	4,26	4,32	4,38	4,43	4,49	4,55	4,61	4,66						
	34								3,74	3,80	3,86	3,91	3,97	4,02	4,08	4,14		4,25	4,30	4,36		4,47							
ı	35							3,58	3,64	3,69	3,75	3,80	3,85	3,91	3,96	4,02	4,07	4,13	4,18		4,29								
	36						3,43	3,48	3,54	3,59	3,64	3,69	3,75	3,80	3,85	3,91	3,96	4,01	4,06	4,12									
	37					3,29	3,34	3,39	3,44	3,49	3,54	3,59	3,65	3,70	3,75	3,80	3,85	3,90	3,95										
	38				3,15	3,20	3,25	3,30	3,35	3,40	3,45	3,50	3,55	3,60	3,65	3,70	3,75	3,80											
	39			3,02	3,07	3,12	3,17	3,22	3,26		3,36	3,41		3,51	3,56	3,61	3,65												
Ī	40		2,90	2,95	2,99	3,04	3,09	3,14			3,28	3,33		3,42	3,47	3,52													
	41	2,78	2,83	2,87		2,97	3,01	3,06		3,15	3,20			3,34	3,38														



Standard Spare Parts

Standard	Spare Parts
Parts#	Description
AM06WL	Steering Block
AM14LS	Steering Arm
AM19-R	Upper Arm Holder
AM23-1	Rear Steering Arm
AM24-25	Central Servo Holder
AM240-D4	Damper Cover
AM242L-D4	Damper Body L
AM242R-D4	Damper Body R
AM278-EVO	Bulkhead
AM177-2	Motor Mount
AM180EVO2	SB Bellcrank
AT03R	Spool Axle
AT13	Wheel Hex
AT14	Turnbuckle
AT21ST-A	Pivot Ball Steel
AT25	Turnbuckle Long
AT25-44	Turnbuckle 44mm
AT241	Damper Rotor
AT243-D4 AT247	Progression Damper Plate Damper Piston Probe
AT55M	Spur Nut
AT119R	Spring Screw Holder
AT120XB	20T Alloy Pulley
AT123B	GD2B Case1
AT124B	GD2B Case2
AT142	Sway Bar Stopper
ST01	Front Axle
ST02	Rear Axle
ST03	Ball Stud
ST114	RJ Universal Bone
ST116	IFJ/IRJ Cross
ST16	U-Joint Cross
ST17-1	Universal Ring
ST019	Top Deck Screw
ST23X	IRJ Outdrive
ST24	4,8x6mm Ball Stud
ST31-1	GD2 Output Axle
ST37X	IFJ Outdrive
ST38	Universal Nut
ST59	LS2 Long Screw
ST68	Flanged Wheel Nut
ST69-00-R	Linear Spring Screw
ST102F ST102R	Damper Rod Guide Front Damper Rod Guide Rear
ST10210 ST105	5g Round Weight
ST103 ST110	10g Round Weight
ST112	Centering Screw
ST118L-1	SB Bellcrank Axle
ST122-1	Damper Screw
ST143	Damper valve
ST205	Damper Rod
ST225	Progression Valve
G07	GD2 Satellite Gear
G08	GD2 Bevel Gear
P01	Ball Joint-1
P01X	Ball Joint BDL
P02	Ball Joint-2
P03X	Arm Ball Cap
P04	Arm Hasp
P05	Sway Bar Joint
P07	Arm Clip
P12X P13X	Sway Bar Holder Ball End
P13A P14-1-R	Bumper
P14-5-R	Top Bumper
P14-2	Body Post
P15L	Lightweight Foam Bumper
P16	Lock Ring
P23-R	Outer Battery Holder
P25	Battery Clamp
P39	GD2 Cross Pin
P46R	Diff Piston
P56	Antenna Holder
P63R	Damper Piston
P64	Rear Body Holder
D67 D4	Dampore Stand Plata

P67-D4

Dampers Stand Plate

Parts# Description P68 Battery Adjuster P110 Bearing Housing P138A 38T Pulley C01B-RC Lower Deck Carbon C01B-RAF Lower Deck Alloy Dampers Brace Front C45F C45R Dampers Brace Rear C127 Top Deck C127S Top Deck C204R Suspension Arm Suspension Arm C204L SWB-R-1.0 Sway Bar 1.0mm Swav Bar 1.1mm SWB-R-1.1 Sway Bar 1.2mm SWB-R-1.2 SWB-R-1.3 Swav Bar 1.3mm SPR01 Shock Spring SPR01S Shock Spring Soft SPR23 Shock Pointer SPR05 Body Clip SPR07 E-Rina 6x3x0.5mm Spacer (Silver) SH0.5 SH1.0 6x3x1.0mm Spacer (Gray) SH1.75 6x3x1.75mm Spacer (Black) SH0.1 6x8x0.1mm Shim SH5X7X0.2 5x7x0.2mm Shim WA02 3x5x0.2 Washer **WA03** 5x15x0.3 Washer PIN01 1.5x7.8 Pin PIN02 1.5x5.8 Pin 1x13 mm O-ring **OR13** OR05V GD O-Ring Viton **OR06** 5.5mm O-ring OR0876V O-Ring 17x0.5 Viton OR1005V O-ring 1x0.5 Viton OR1010V O-ring 1x1 Viton OR2010V O-ring 2x1 Viton O-ring 2x0.5 Viton OR2005V **B106RS** B106RS Ball Bearing **B85 Ball Bearing** B85 B84SS **B84SS Ball Bearing** B63SS B63ZZ Ball Bearing B73SS B73ZZ Ball Bearing B415 **B415ZZ Ball Bearing** M2x4 Cap Head Screw SC2X4 M2x6 Cap Head Screw SC2X6 M2x8 Cap Head Screw SC2X8 BDL Screw 15 mm SC2X15 SB2.5X8 M2.5x8 Button Head Screw M3x3 Set Screw SS3X3 SS3X4 M3x4 Set Screw M3x5 Set Screw SS3X5 SB3X5AL M3x5 Alloy Screw M3x5 Button Head Screw SB3X5 M3x6 Button Head Screw SB3X6 SB3X8 M3x8 Button Head Screw M3x10 Button Head Screw SB3X10 SB3X12 M3x12 Button Head Screw SF3X5 M3x5 Flat Head Screw M3x6 Flat Head Screw SF3X6 M3x8 Flat Head Screw SF3X8 351mm Bando Belt Damper **BEL351** DG1XM Gauge Set A800RR STS-A800RR Stickers Sheet

Optional	Parts
Parts#	Description
AM14-RC	Steering Arm Carbon
AM14H	Steering Arms Set
AM19-LTL	Upper Arm Holder
AM19-RC	Upper Arm Holder Carbon
AM23-R	Rear Steering Arm
AM23-RC	Rear Steering Arm Carbon
AM177R	Motor Mount
AM152	SB Steering Stand
AM279	Rear Belt Tensioner
AT06	Alloy Antenna Holder
AT13W	Wheel Hex Wide
AT15	Bearing Spacer
AT18	BSSX Steering Limiter
AT21R	Pivot Ball
AT139	Fan Holder
AT143	ARB Stiffener
AT144	ULCG Battery Clamp
C01B-RS	Lower Deck Steel
C204R+1	Suspension Arm Right +1 mm
C204R-1	Suspension Arm Right -1 mm
C204L+1	Suspension Arm Left +1 mm
C204L-1	Suspension Arm Left -1 mm
C07-R	Carbon Bumper
C07-RF	
	Flex Carbon Bumper
C26	Top Stiffener
C27MMX-G	Top Deck GF
C45F-PS	Dampers Brace Front PS
C45R-PS	Dampers Brace Rear PS
C127-G	Top Deck GF
C127S-G	Top Deck GF
ST03-Ti	Ball Stud Titanium
ST05-R	Damper Rod
ST24M	4,8x8mm Ball Stud
ST24L	4.8x10mm Ball Stud
ST24S	4.8x5mm Ball Stud
ST24-Ti	4,8x6mm Ball Stud Titanium
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ST24M-Ti	4,8x8mm Ball Stud Titanium
ST24S-Ti	4,8x5mm Ball Stud Titanium
ST69-15	Progressive Spring Screw
ST69-25-R	Progressive Spring Screw
ST123	M2.5x7mm Screw
ST147	PS Retainer
ST237	Damper Spacer
BW7	Weight 7g
BW8	Weight 8g
BW10	Weight 10g
BW22R	Battery Holder 22g
BW27	Rear Stiffener 27 g
BW52R	•
	Battery Holder 52g
DT10+1.0	Bearing Housing
OR14V	O-ring 4x1 Viton
P40F	Servo Arm (Futaba)
P40K	Servo Arm (KO)
P74	Progressive Spring Holder set
P138LFA	38T Pulley Low Friction
P138S-LFA	Spool 38T Pulley Low Friction

P138S-LFA Spool 38T Pulley Low Friction P14-1-RS Bumper SH3X5X0.1 3x5x0.1mm Shim SH3X5X0.5 3x5x0.5mm Shim 6x3x0.25mm Spacer SH0.25 SH5.9X0.4 5.9x0.4mm Spacer SPR-P1 Progressive Spring Progressive Spring SPR-P2 T01 5.5/4 mm Wrench Wrench

T02 Tungsten Weight 5 g. TW5

BSSX Bellcrank Steering Set HRB Horizontal Rear Bodypost Set FD Flex Damper Set

FSS Forward Shifted Servoholder Set ABH Adjustable Battery Holder set **PSSX** Progressive Spring System SCC Steel Chassis Conversion set



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