

TRF221XM

INSTRUCTIONS

PROFESSIONAL ONLY



NOTE:

This car is designed for competition use. Completion, operation, and maintenance of car shall require extra skill and attention.

THE MANUAL:

The assembling instruction is designed for the experienced model builder and requires appropriate model building skills.

ITEMS NOT INCLUDED IN PACKAGE:

- *Competition Motor
- *Competition Battery
- *Competition Driver

Intro

Dear owner of this fabulous model,

we are two RC enthusiast who just love to build models and have 2WD Tamiya (TRF/Dyna Storm genetics) at heart.

Olivier had bought a TRF211 kit a long time ago. Unfortunately it was incomplete and the kit ended up in oblivion for a long time. Three years ago he decided to complete this kit. Parts like the kit box, decals, polycarbonate parts, springs, plastic parts and more needed to be reproduced. While searching for missing parts, Olivier and Thomas crossed paths. They quickly realized that they do not only get along well and share passion, but they also complement each other very well in their ideas.

Meanwhile we have become a well-attuned team, Olivier with his background of industrial design and a considerable collection of vehicles and parts, Thomas with a broad technical but also creative and artistic background.

From these synergies the idea to develop a contemporary "descendant" of the TRF211 was born.

After more than four years of planning, testing and several prototypes, this dream is now on its own wheels. Only the best possible materials were used for the manufacture of all parts in order to achieve accuracy of fit and durability. Almost all parts have been developed, designed and manufactured for us or by us. We guarantee a limited edition of 10 kits.

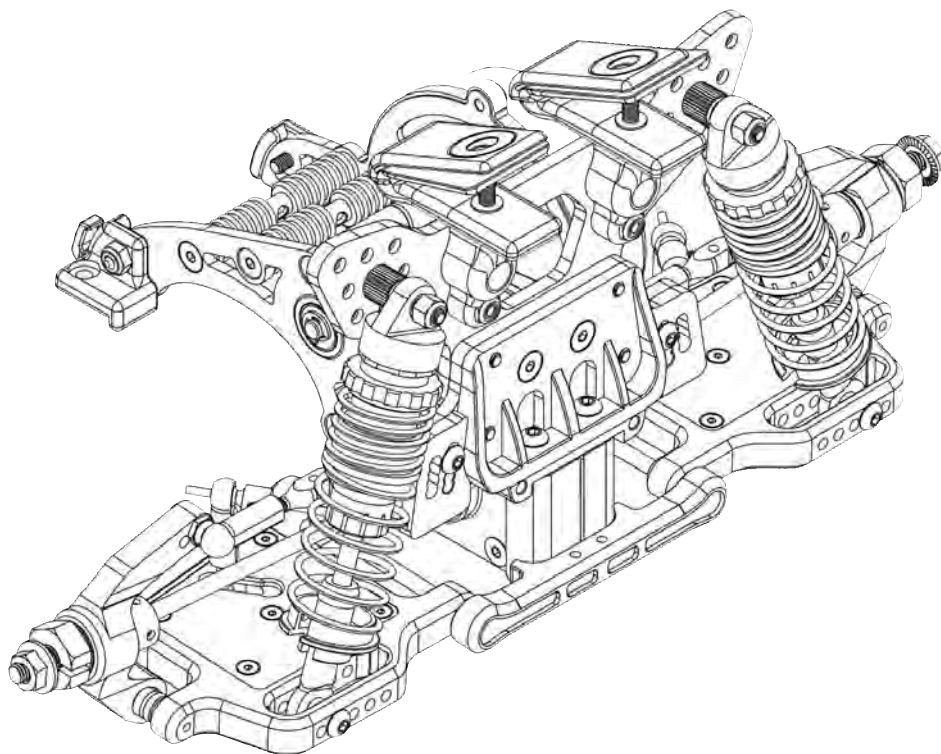
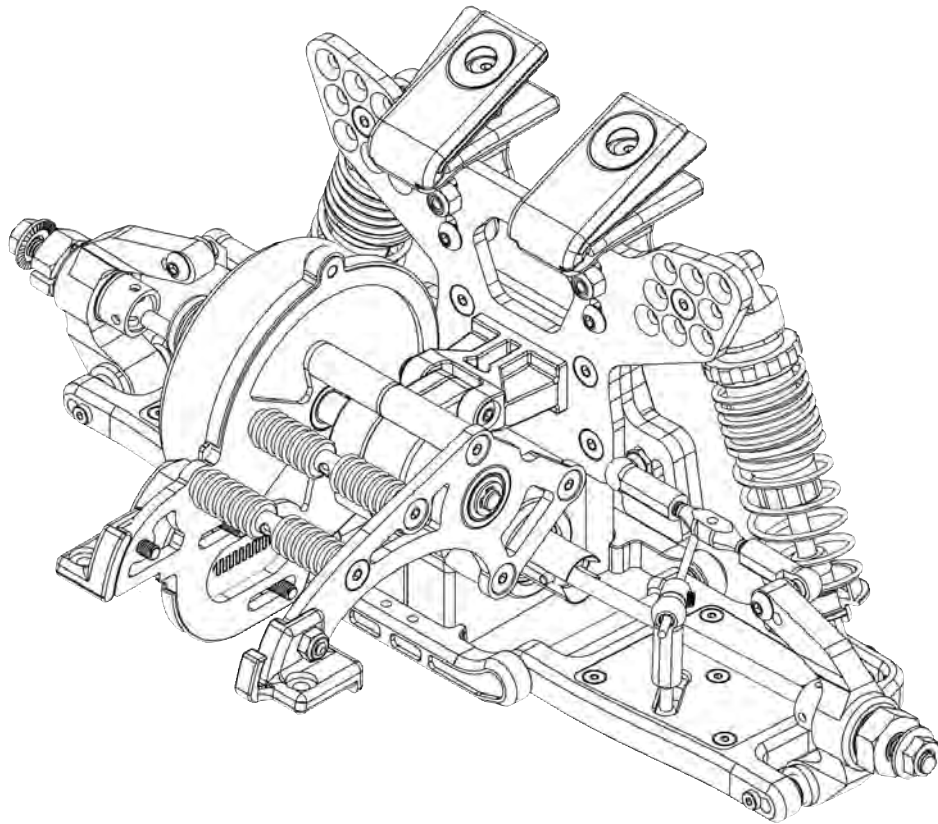
We wish you a model experience at its best!

Sincerely,

Olivier & Tom

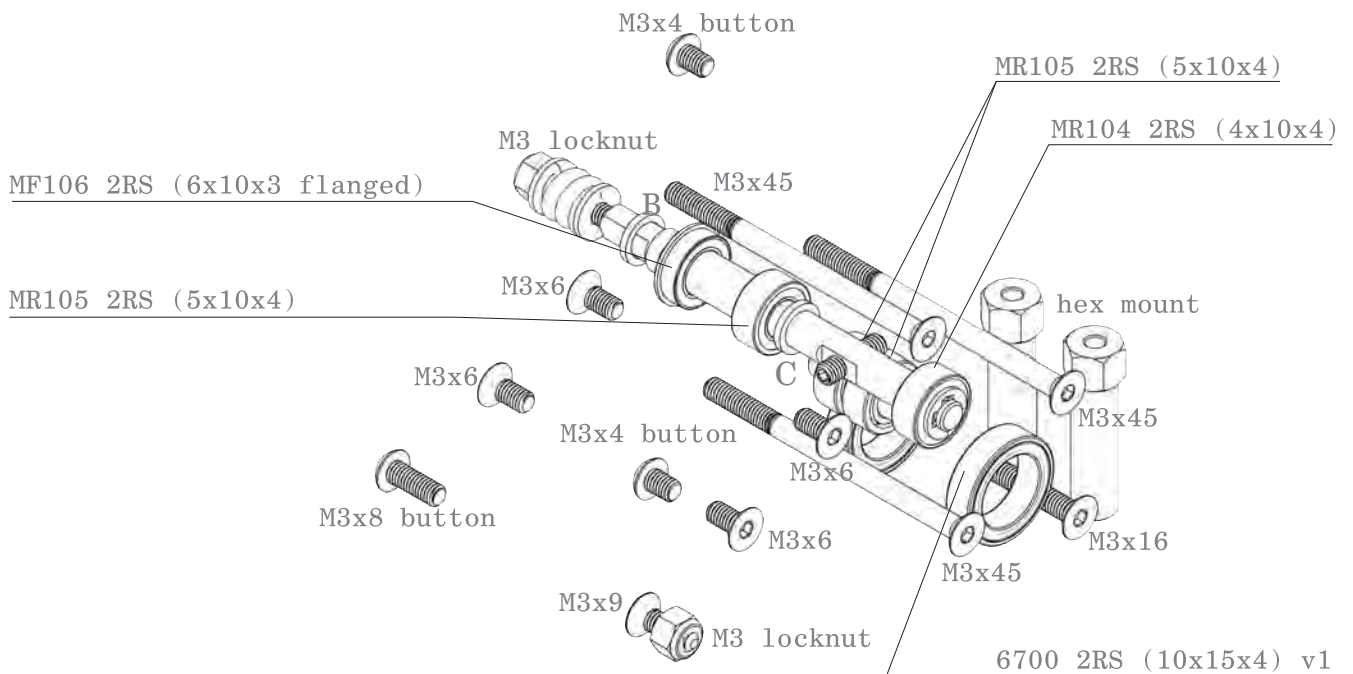
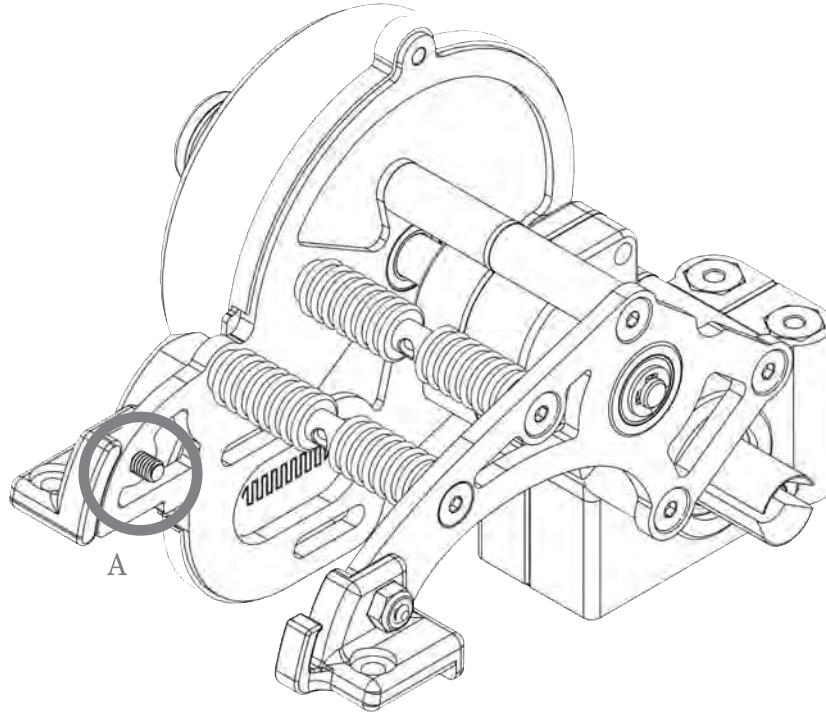
A

REAR END ASSEMBLY



This section contains the assembling of the gearbox, suspension and shocktower.

A1 GEARBOX, FRONT RIGHT VIEW

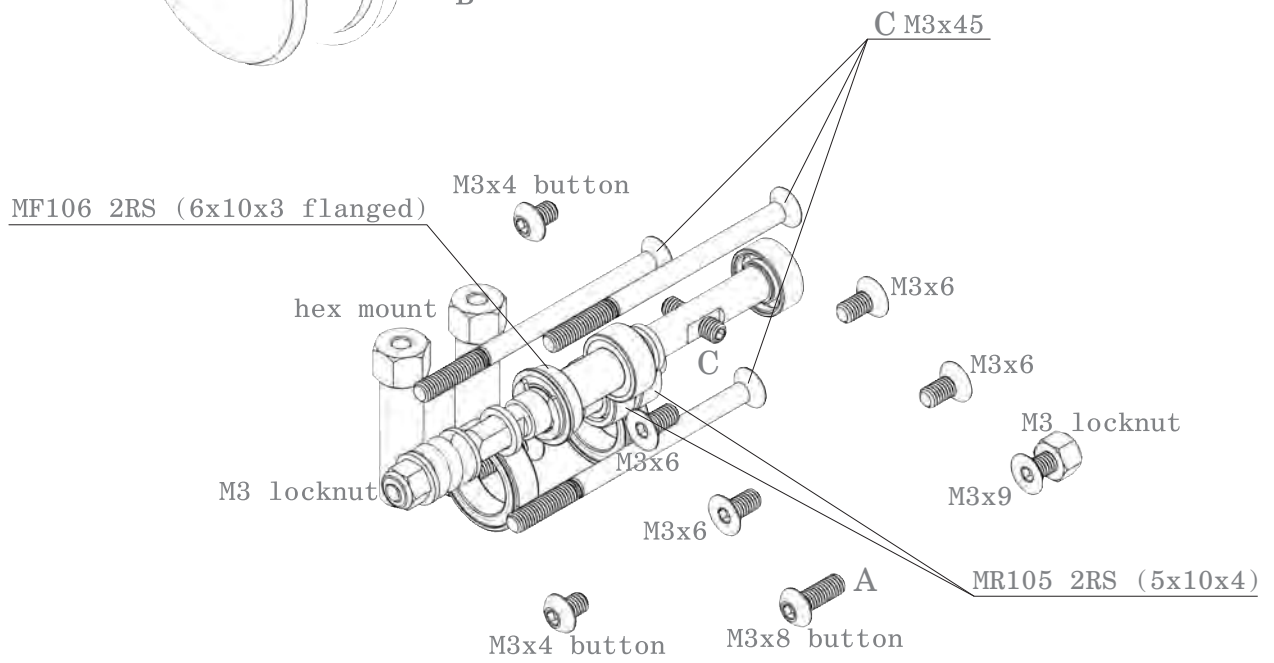
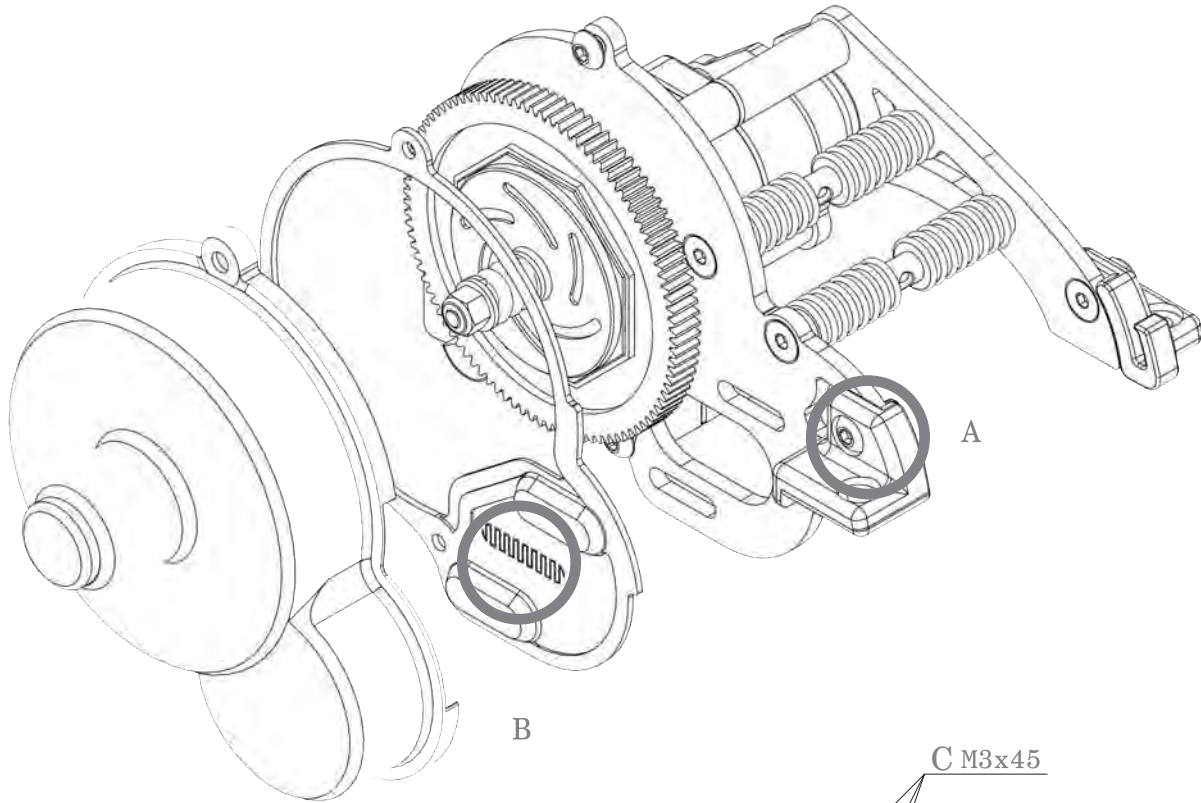


A. Locking screw for air scoop. Refer to later section (page 21).

B. Use 1mm brass spacer. Alternative spur gears may not need spacer.

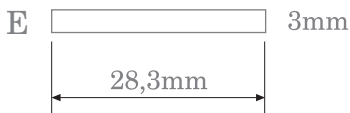
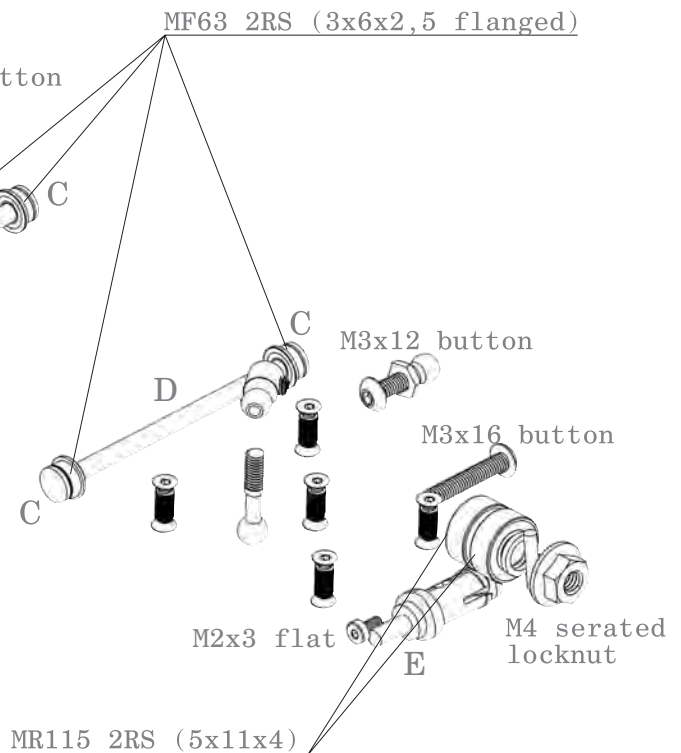
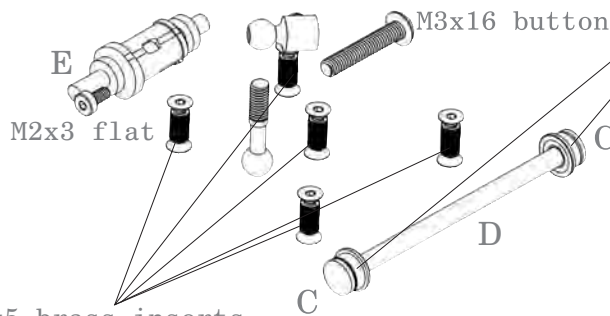
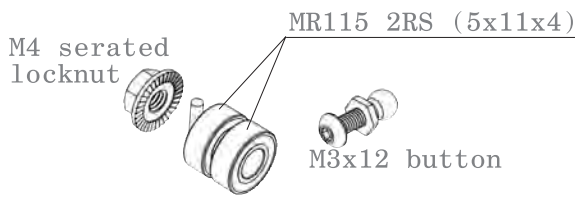
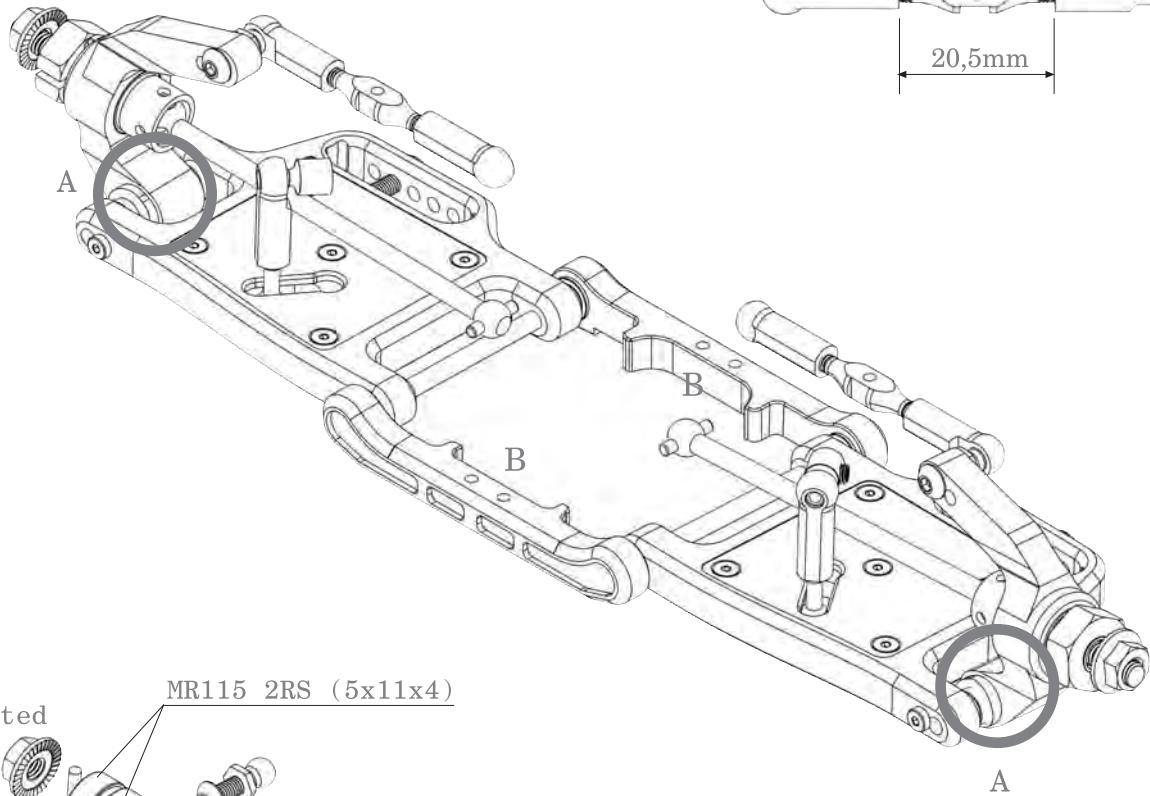
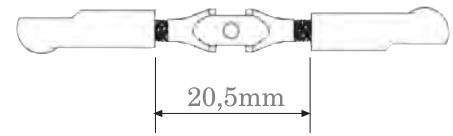
C. Use shim 5x7x1 and additional 5x7x0,1/0,2/0,3 to set clearance.

A1 GEARBOX, FRONT LEFT VIEW



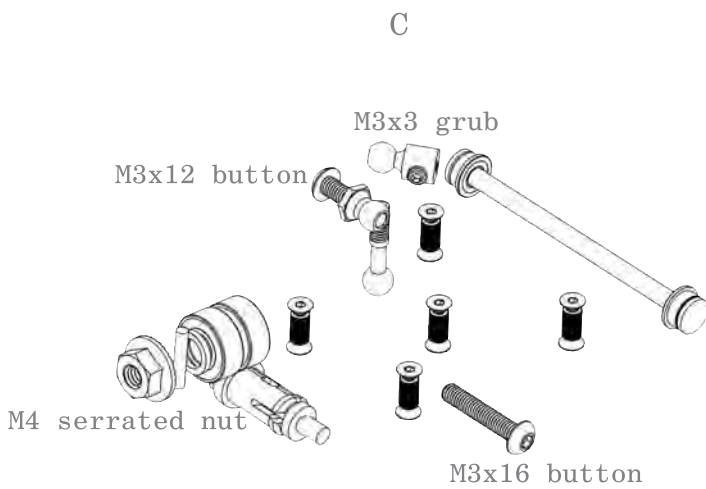
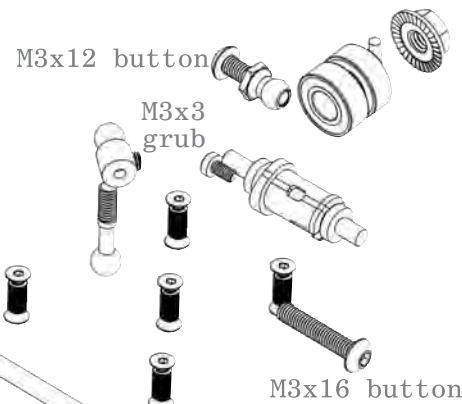
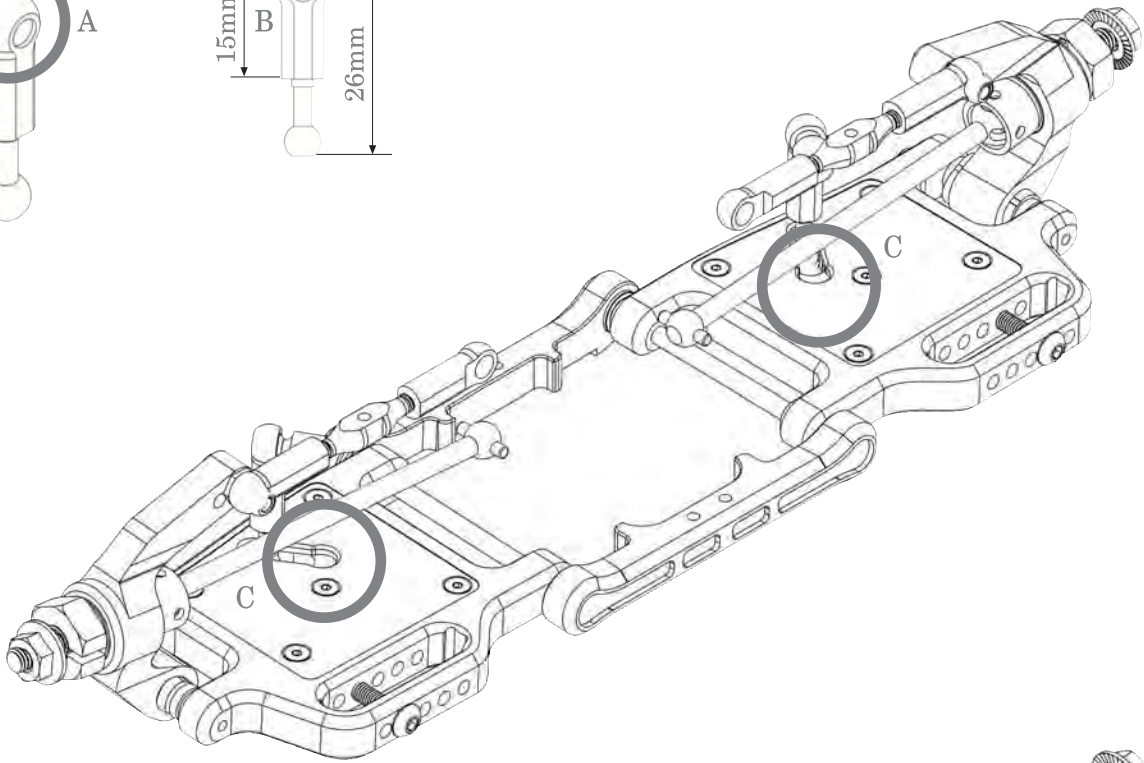
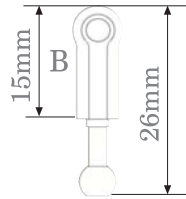
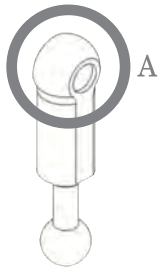
- A. Locking screw for air scoop. Refer to later section (page 22).
- B. Feel free to modify dustcover to your setup (gear ratio).
- C. Do not overtighten! Use Loctite for M3x45, MF106 to motor plate and grub screws.

A2 REAR SUSPENSION, FRONT LEFT VIEW



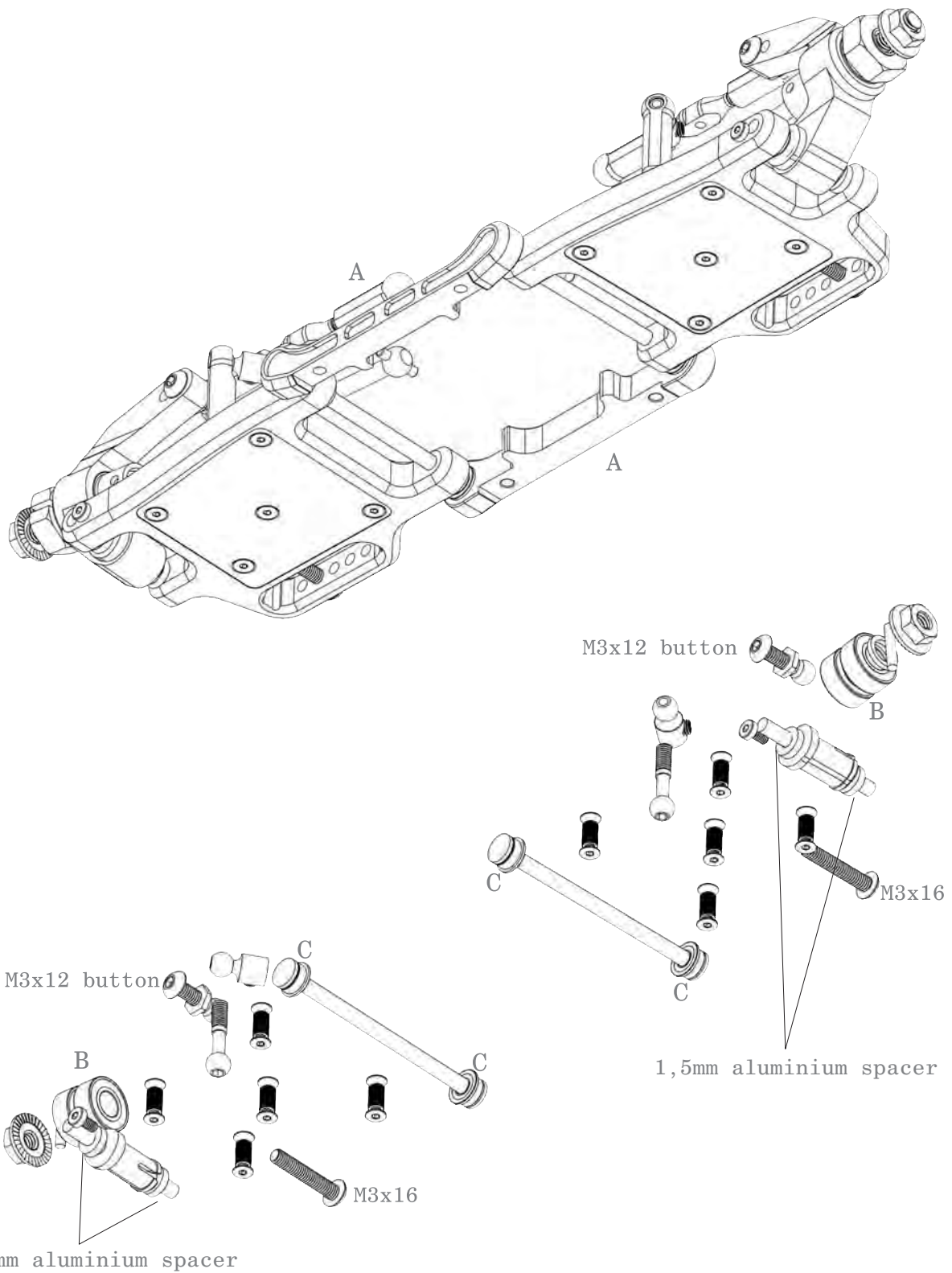
- A. Use inserts for toe-In: black = 1°, blue = 2°, green = 3°, red = 4°, yellow = 5°.
- B. Pivot bars: ○ = 1°, ○○ = 2°, ○○○ = 3°.
- C. Use TPU rubber inserts before placing bearings. Knob side towards shaft.

A2 REAR SUSPENSION, REAR LEFT VIEW



- A. Modify adjuster: Remove cap with a cutter along the flatside of adjuster.
- B. Shorten adjuster to 15mm.
- C. Insert rubber-foam pads into adjuster slot. Rubber side up and foam side down.

A2 REAR SUSPENSION, BOTTOM LEFT VIEW

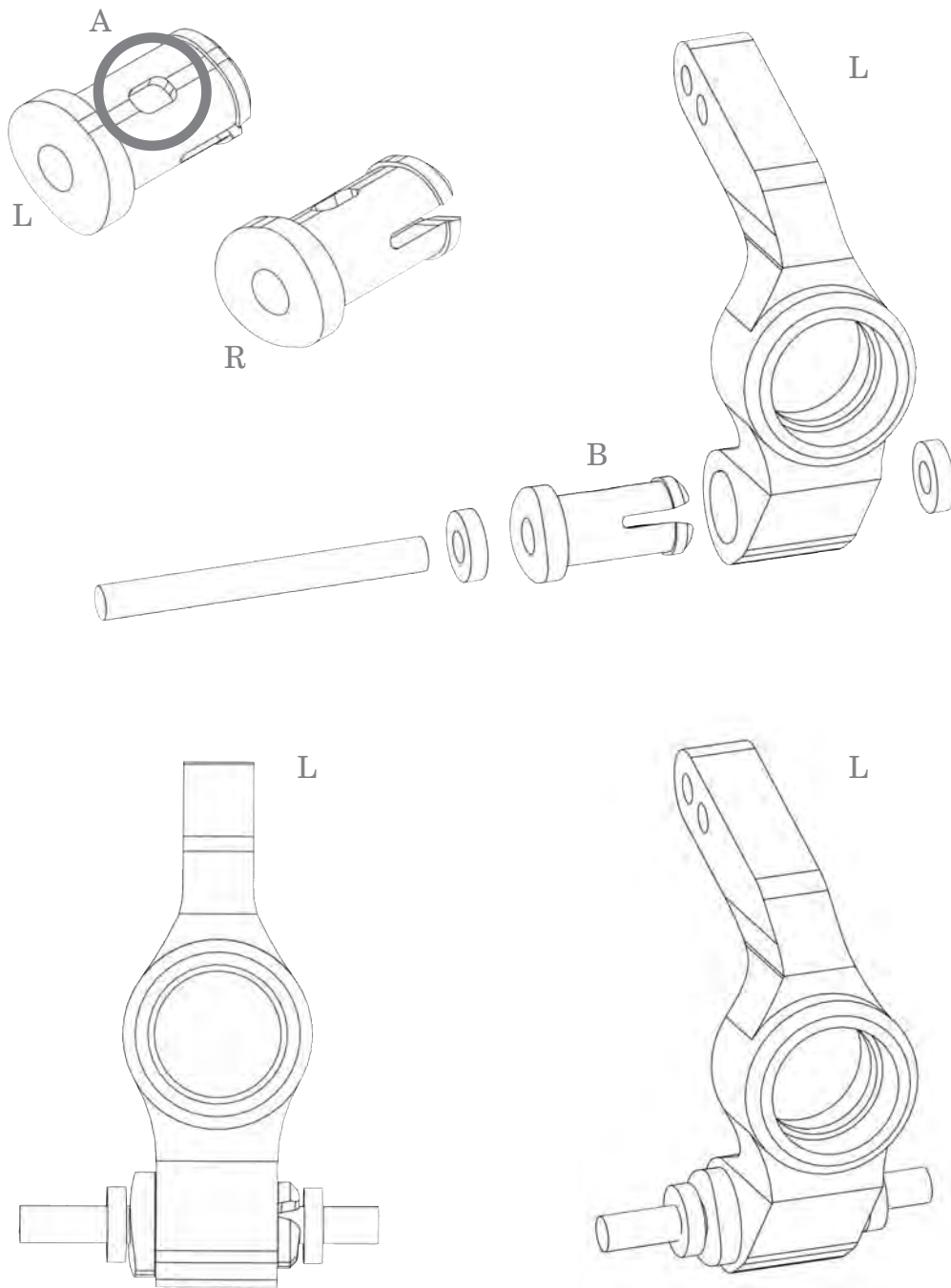


A. Make sure that the front and rear pivot bars match!

B. Use 5x7x1mm shim.

C. Use 6x8x0,1/0,2/0,3mm shims between flanged bearing and TPU insert as needed.

A2 REAR SUSPENSION, REAR HUB DETAIL

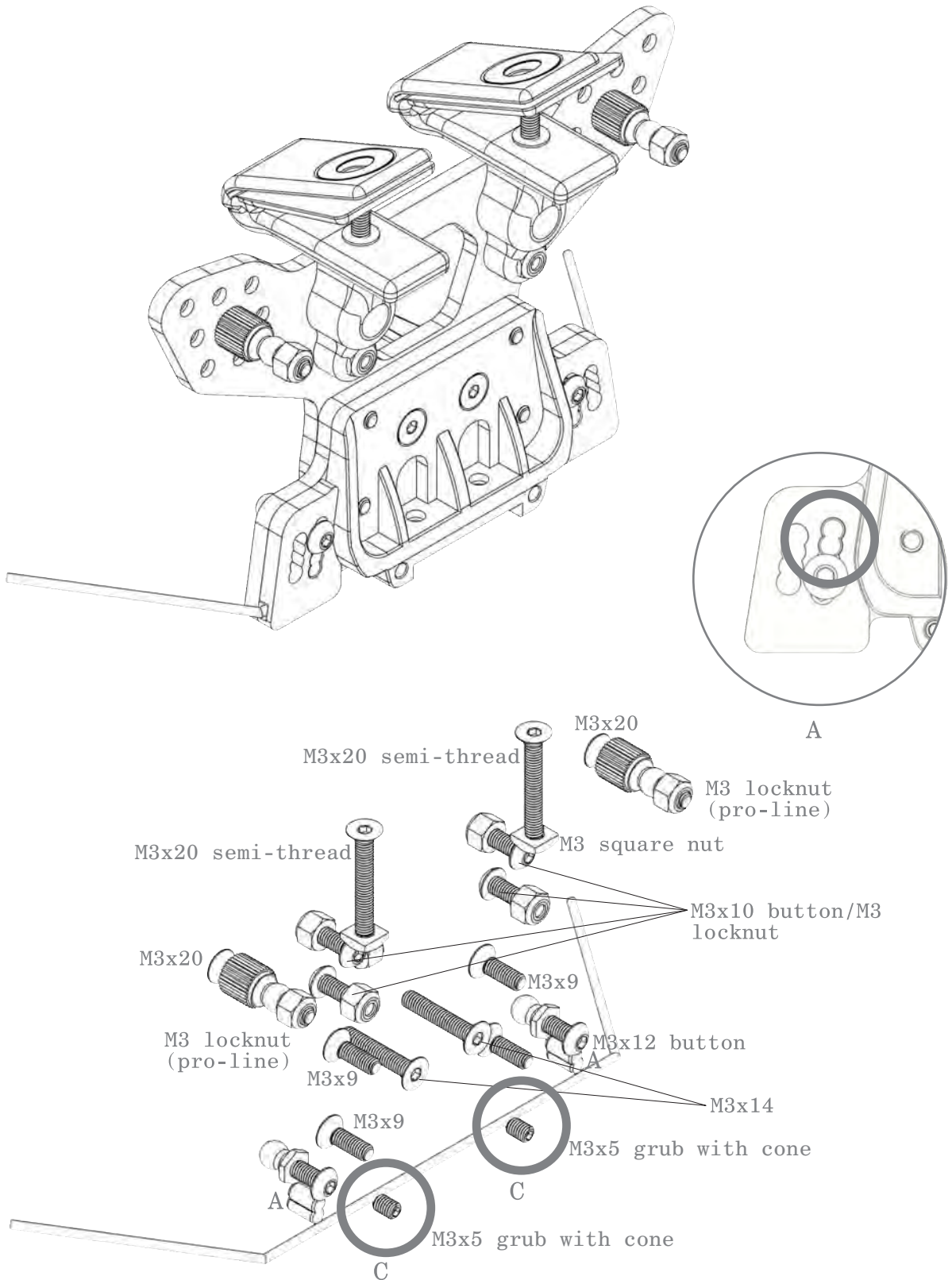


A. Color dote of inserts must point upwards and cut-mark inwards.

B. Push the insert into the hub from the front to the rear until it clicks.

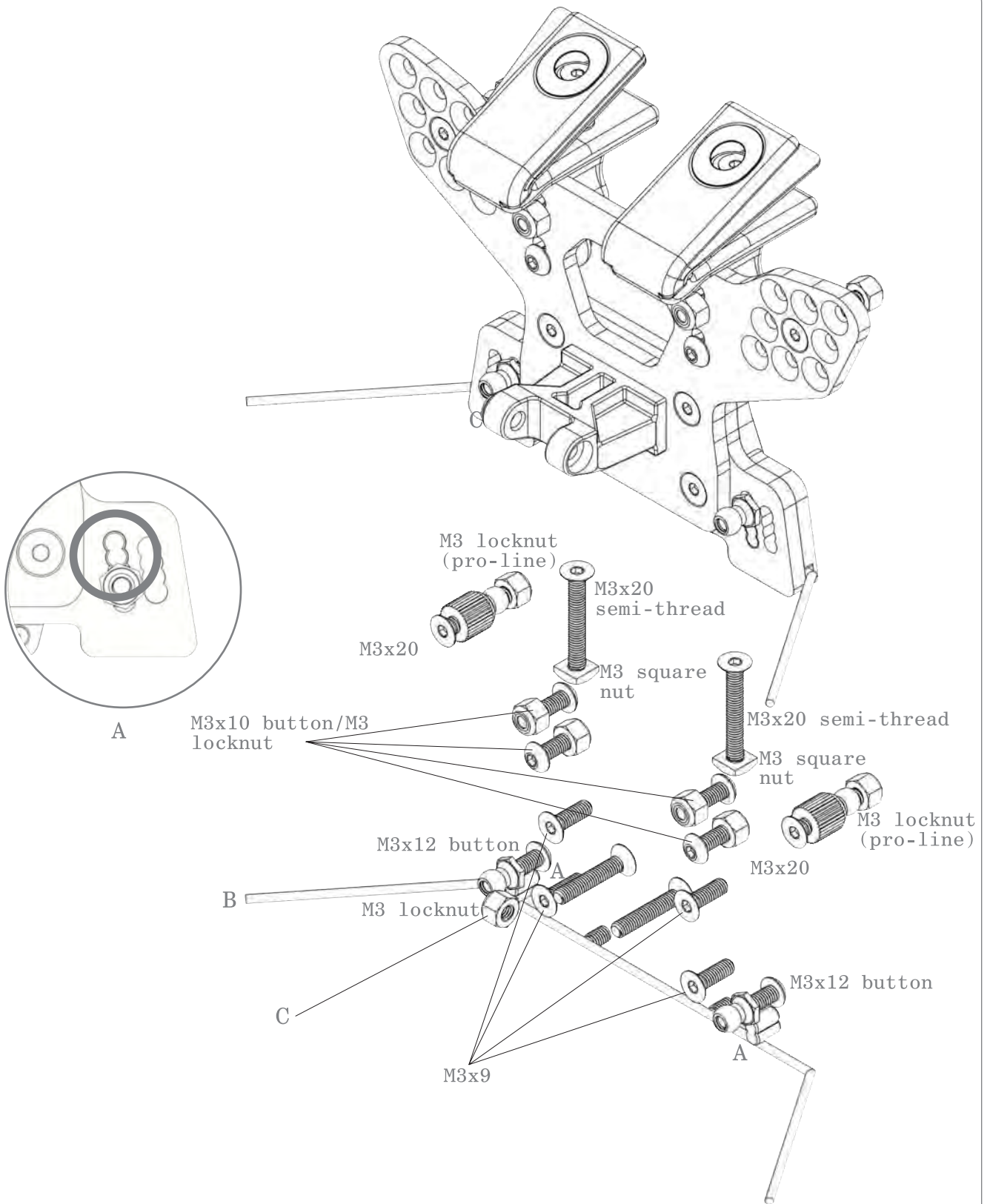
C. If 3mm shaft does not move free, use the reamer (tool bag).

A3 REAR SHOCK TOWER, REAR LEFT VIEW

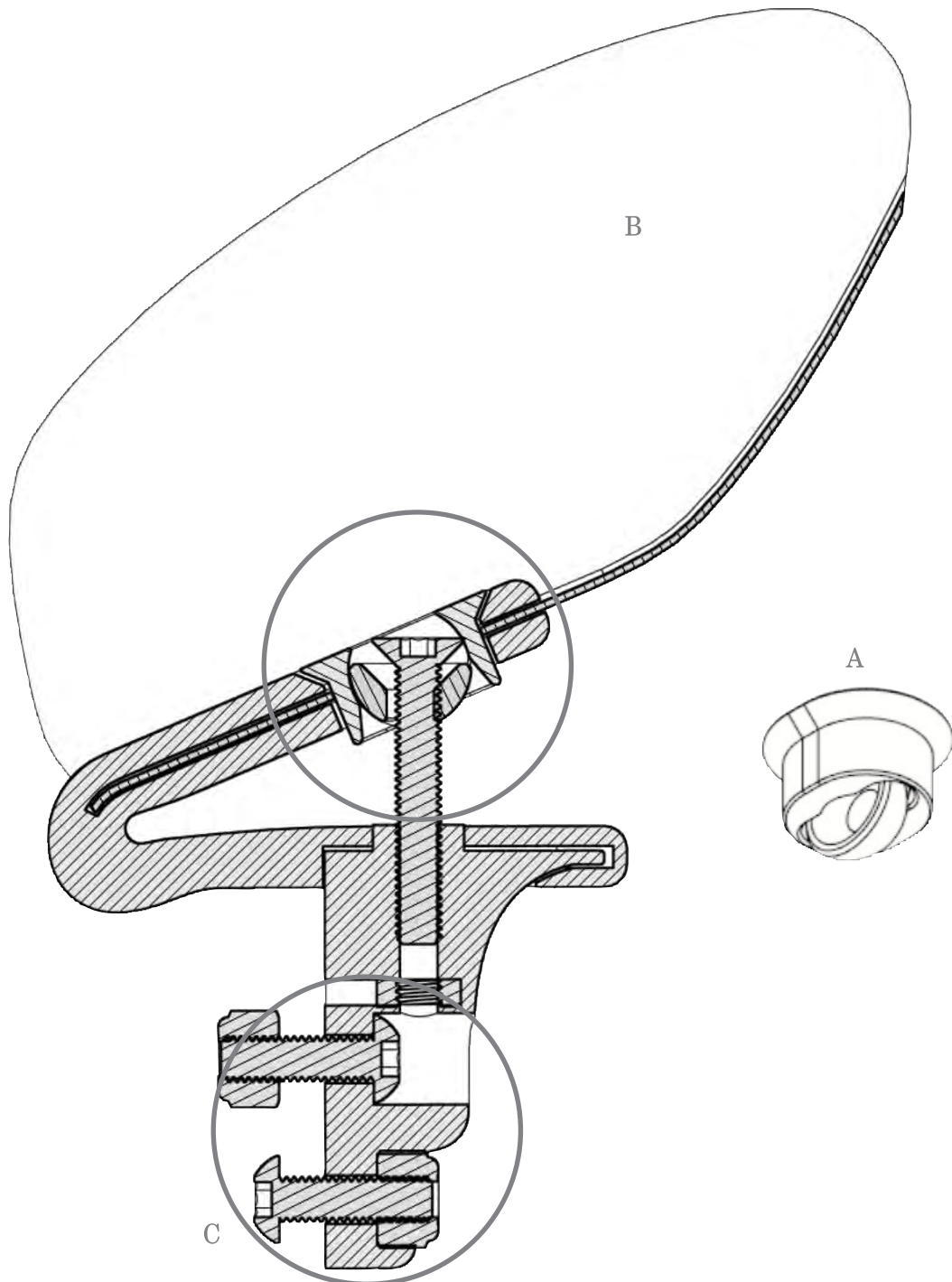


- A. Insert plastic pins (plastic tree) to align CF stabilizer mount.
- B. Sway-bar: Green= green, Yellow= medium, Red= hard.
- C. Set clearance for sway-bar with M3x5mm grub screw (cone). Use Loctite to secure.

A3 REAR SHOCK TOWER, FRONT LEFT VIEW



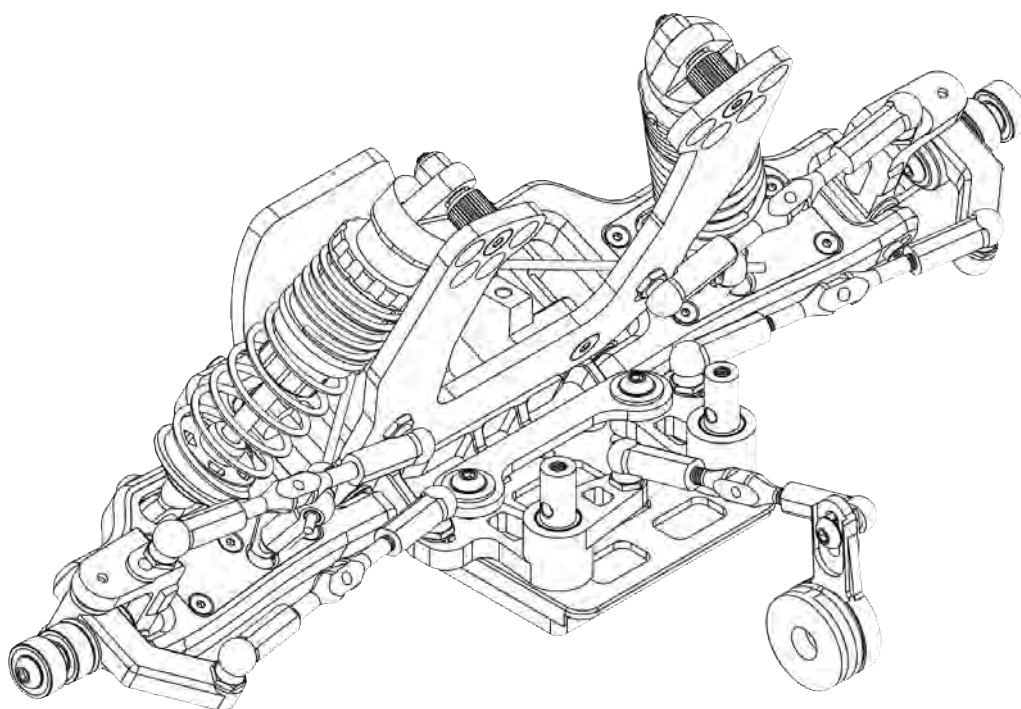
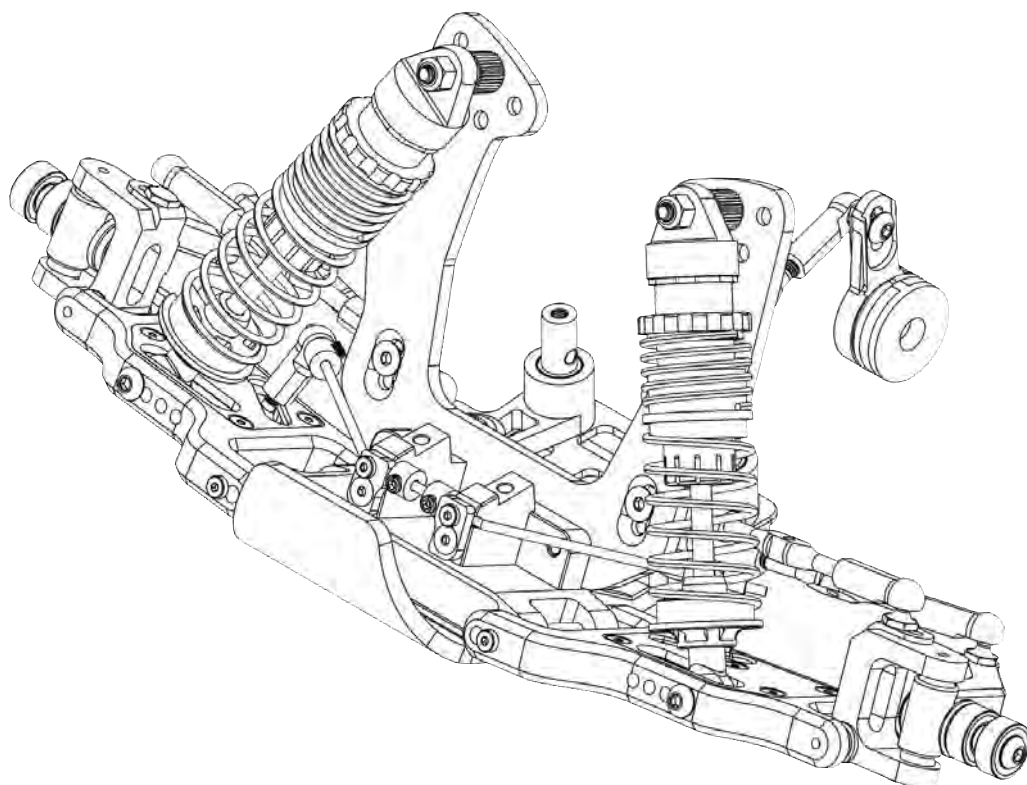
- A. Insert plastic pins (plastic tree) to align CF stabilizer mount.
- B. Sway-bar: Green= green, Yellow= medium, Red= hard.
- C. Press locknut into gearbox link. Refer to later section (page 22).



- A. Turn countersunk-ball (plastic-tree) sideways and insert from bottom.
B. Cut the wing as shown, attach wing into mounts and mark and cut mounting holes.
C. Choose wing mount position in slotted holes. Do not overtighten mounting screws.

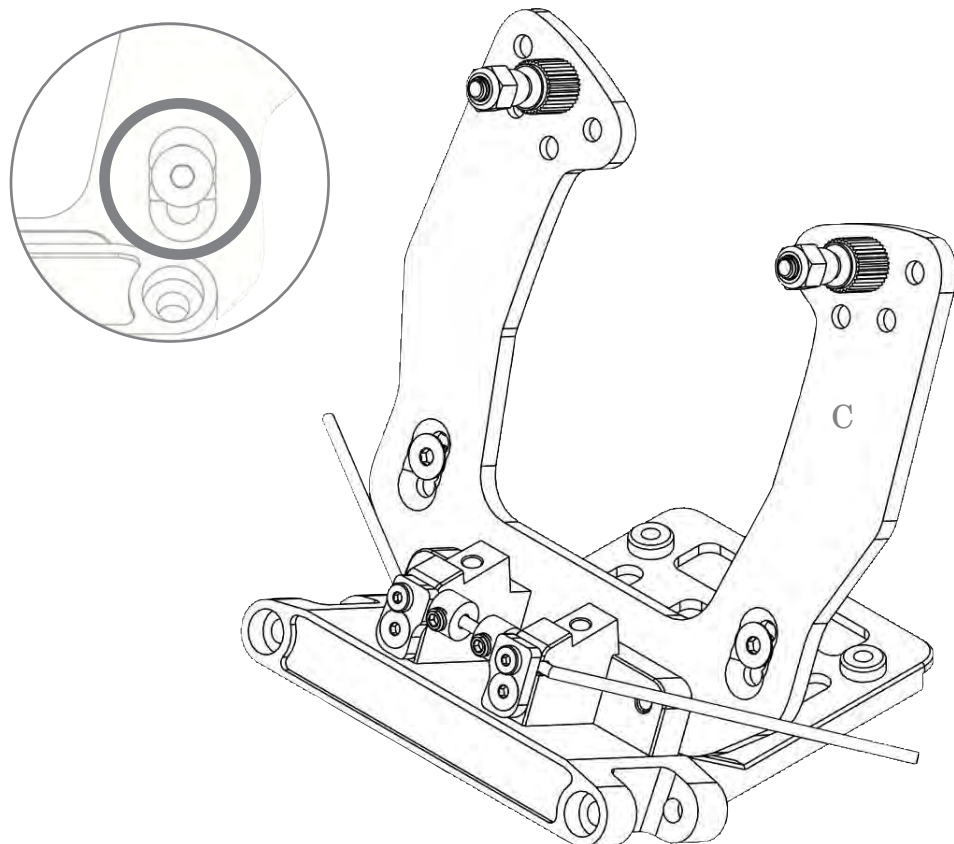
C

FRONT END ASSEMBLY



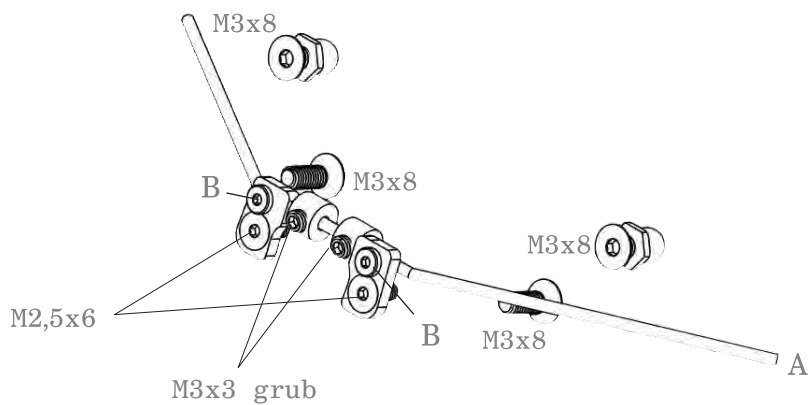
This section contains the assembling of the shocktower, suspension and steering.

C1 FRONT SHOCK TOWER, FRONT LEFT VIEW



M3 locknut (pro-line) M3x20

M3 locknut (pro-line) M3x20

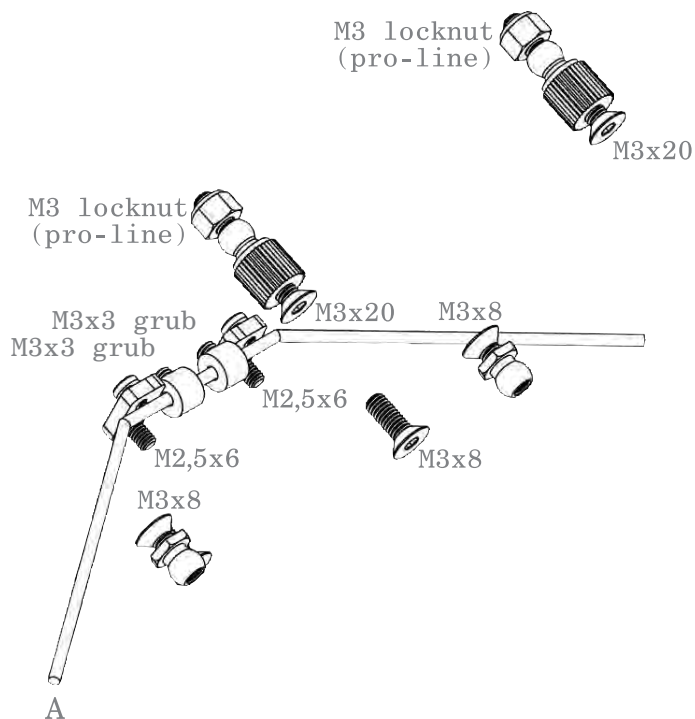
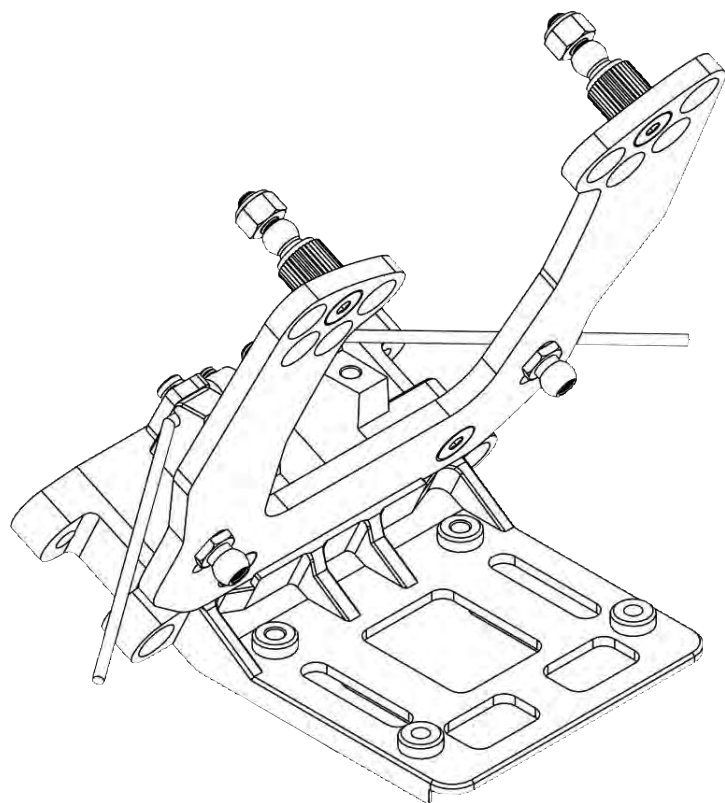


A. Sway-bar: Green= soft, Red= medium and Yellow= hard.

B. Set clearance for sway-bar with M2x3mm flat head screw.

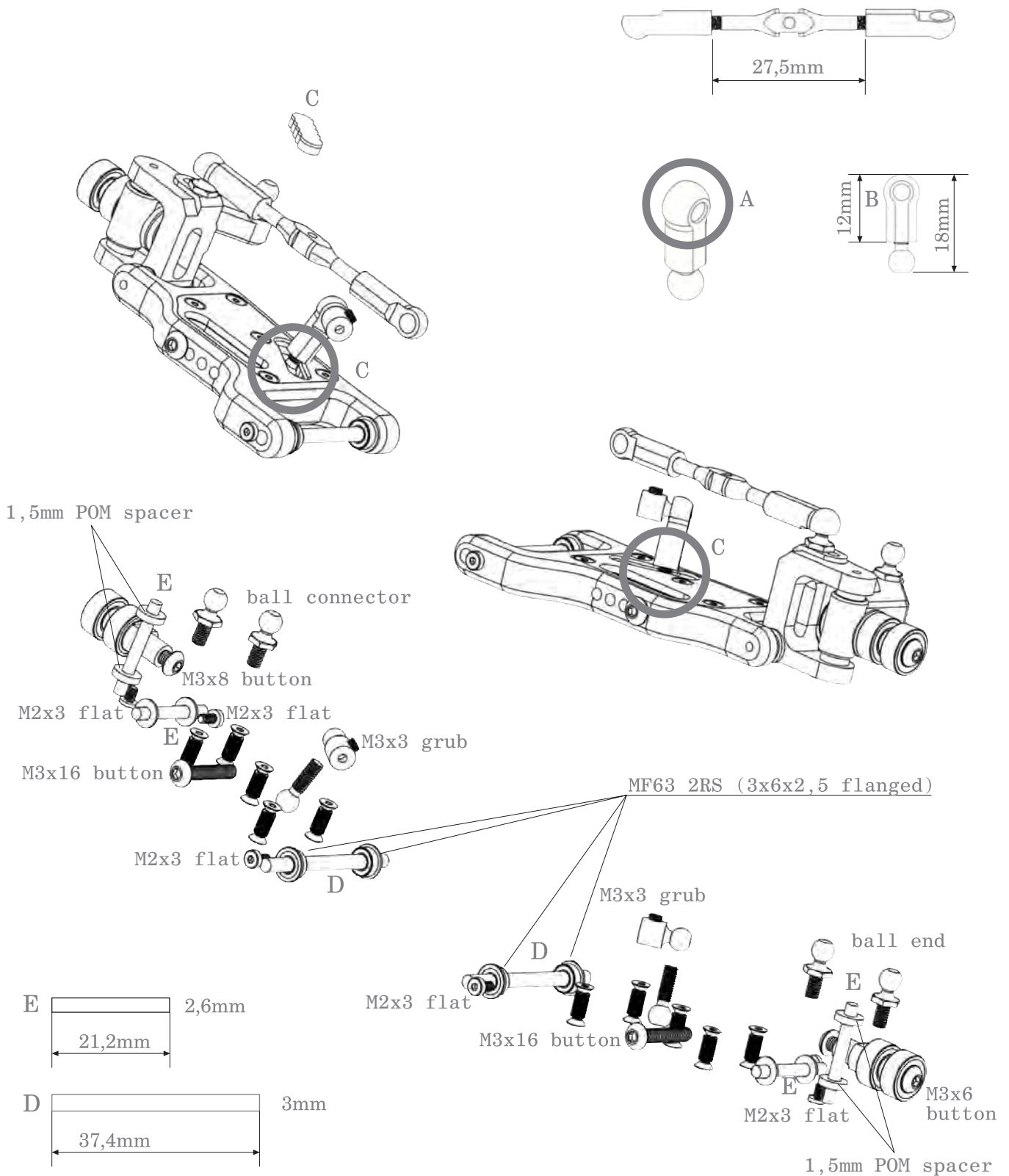
C. Use additional short shocktower if needed. Shorter damper not included.

C1 FRONT SHOCK TOWER, REAR LEFT VIEW



A. Sway-bar: Green= soft, Red= medium, Yellow= hard.

C2 FRONT SUSPENSION, FRONT LEFT VIEW

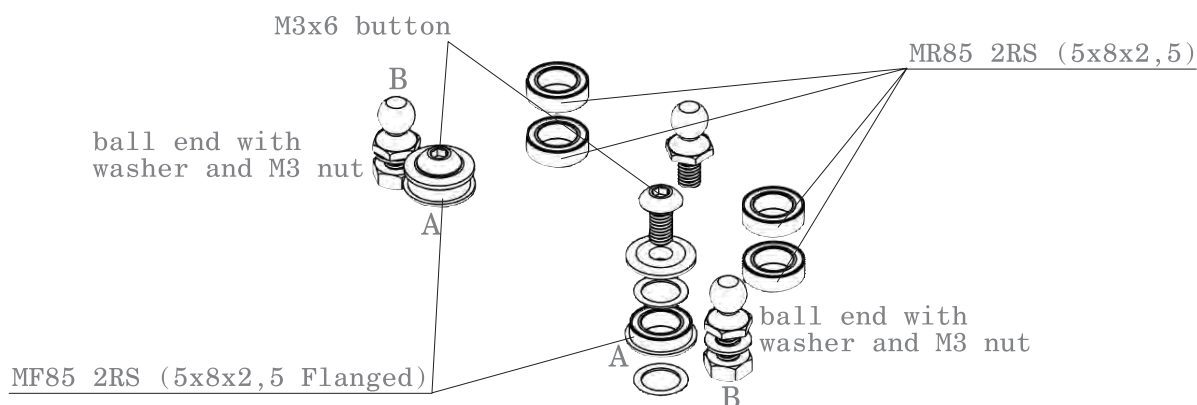
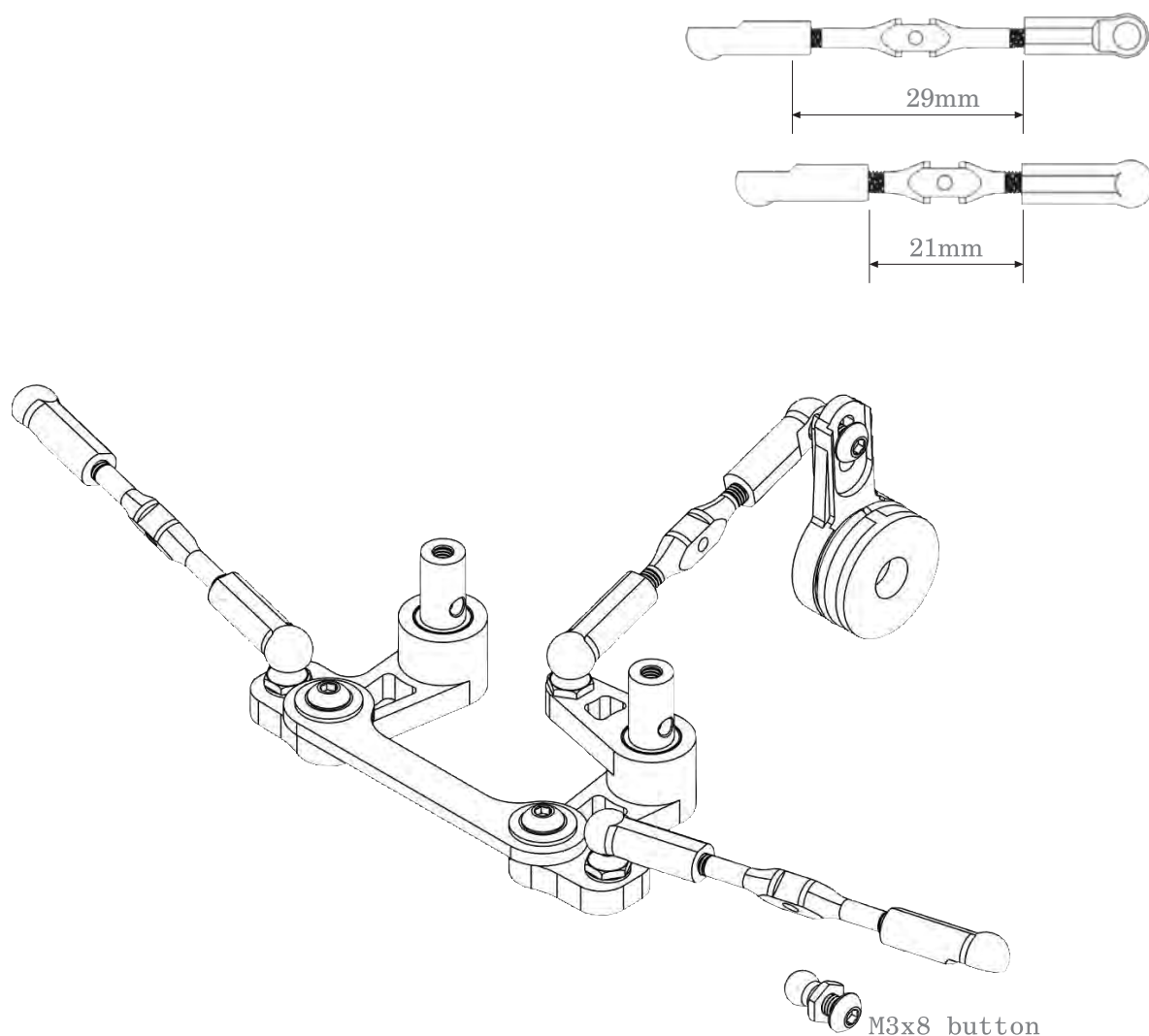


A. Modify adjuster: Remove cap with a cutter along the flatside of adjuster.

B. Shorten adjuster to 12mm.

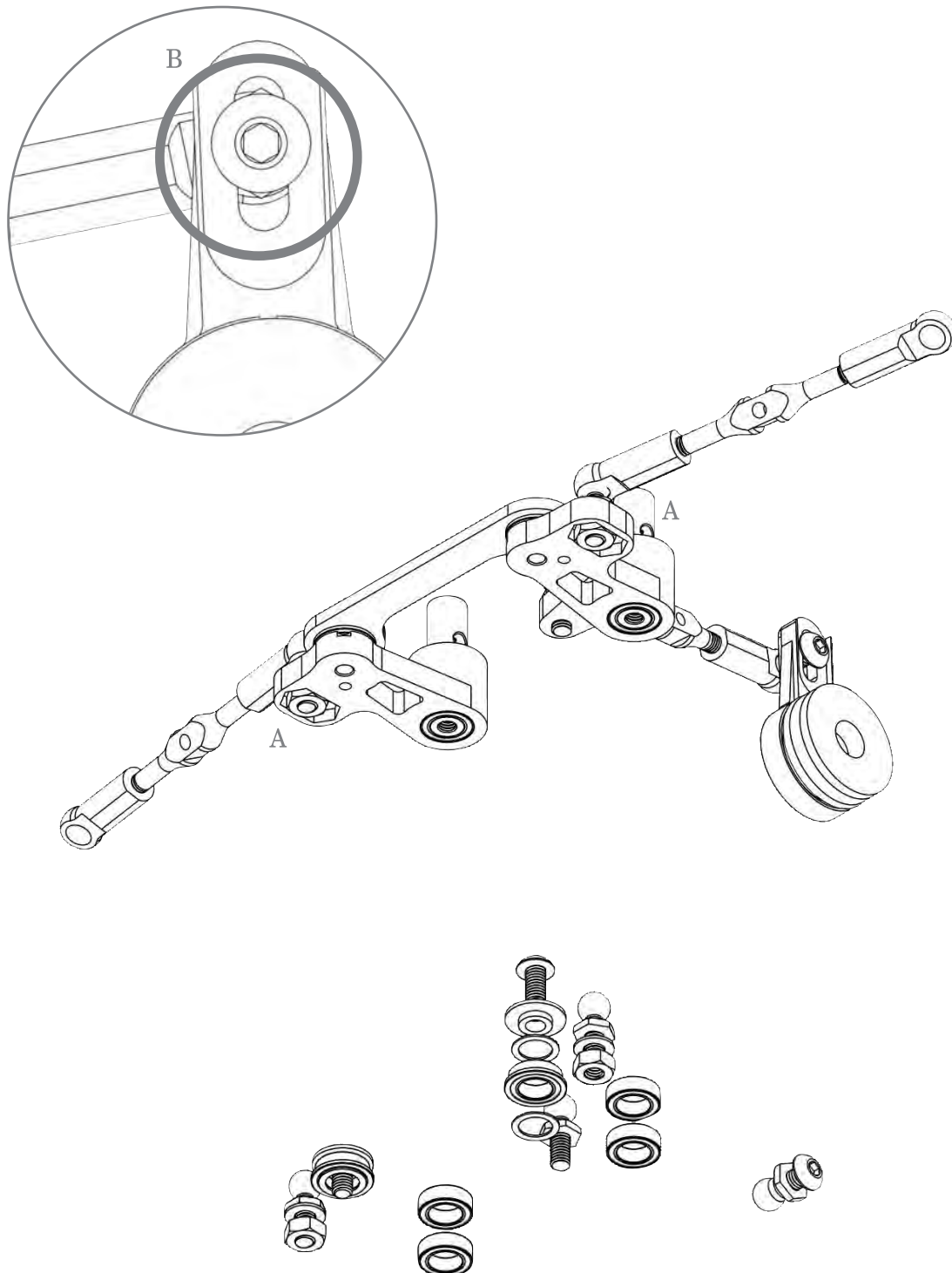
C. Insert rubber-foam pads into adjuster slot. Rubber side up and foam side down.

C3 STEERING ASSEMBLY, FRONT LEFT VIEW



- A. Attention to flanged-bearing position. Use 0,3mm shim under each flanged-bearing. To set clearance use 5x7x0,1/0,2/0,3mm shims above bearing as needed.
- B. Use M3 washer under both ball ends. Use Loctite for M3 nut/ball ends.

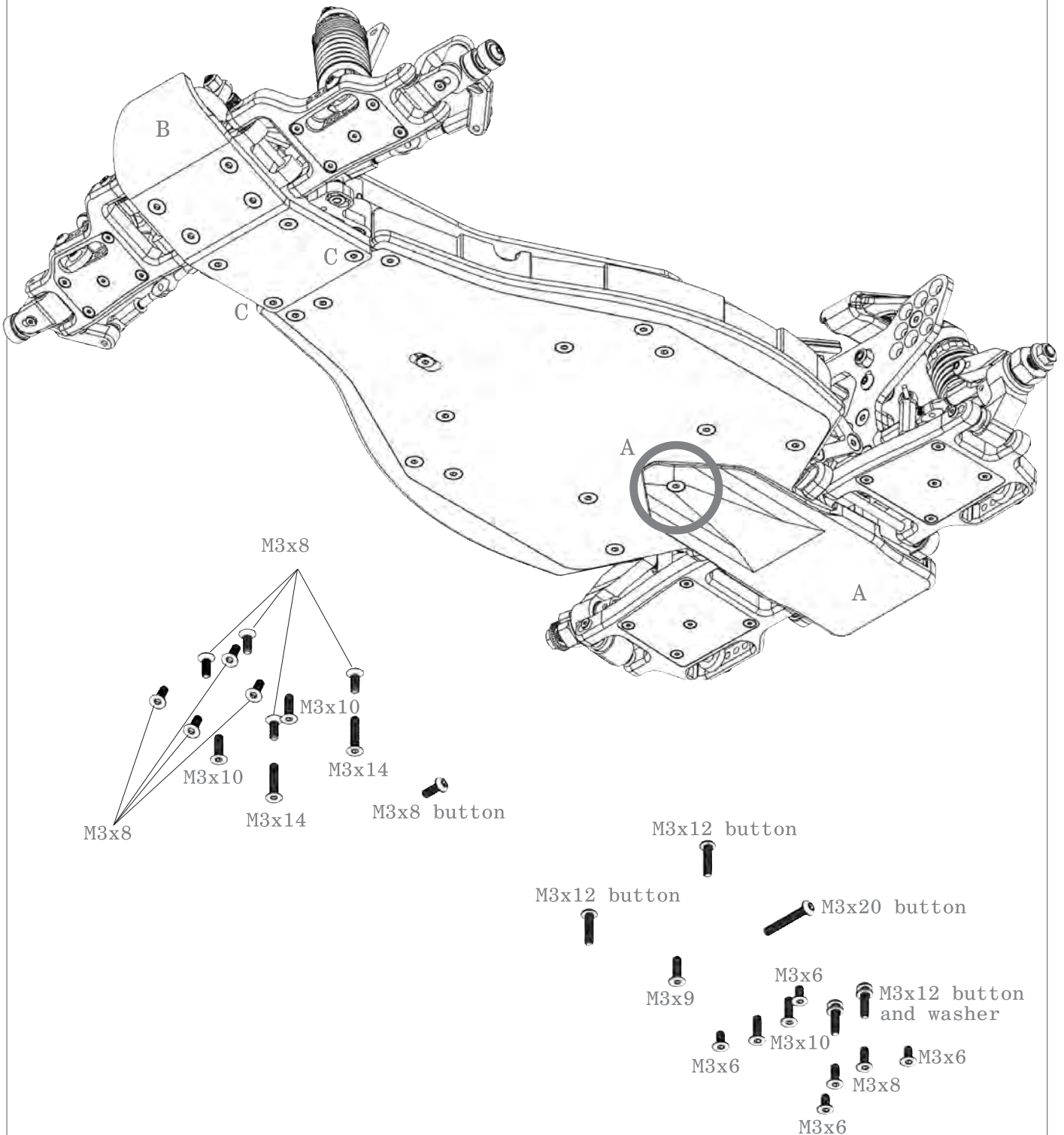
C3 STEERING ASSEMBLY, BOTTOM LEFT VIEW



A. Set Ackermann steering geometry as needed.

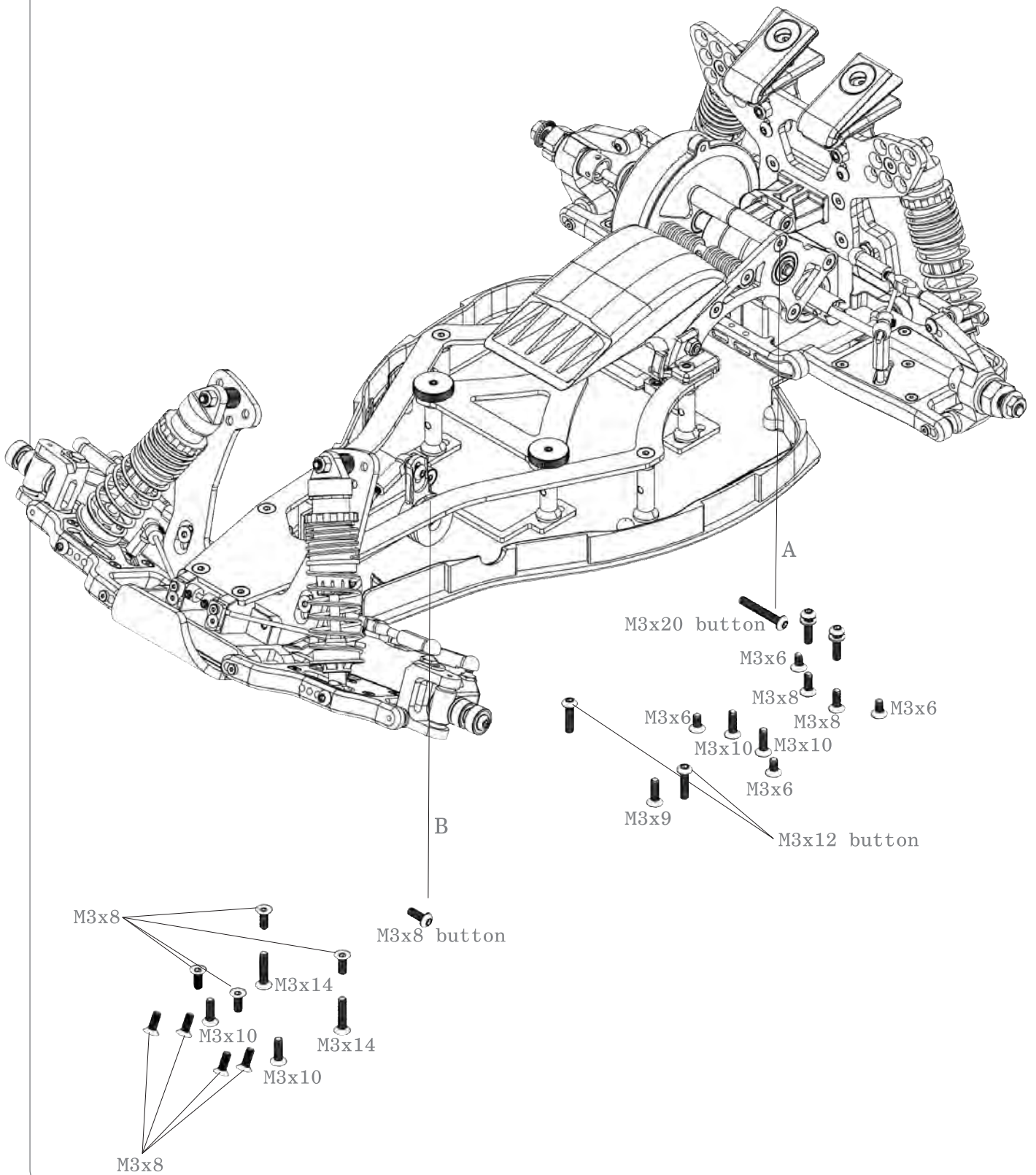
B. Set servo-saver ball-end approximately as shown.

D COMPONENTS ASSEMBLY, BOTTOM LEFT VIEW



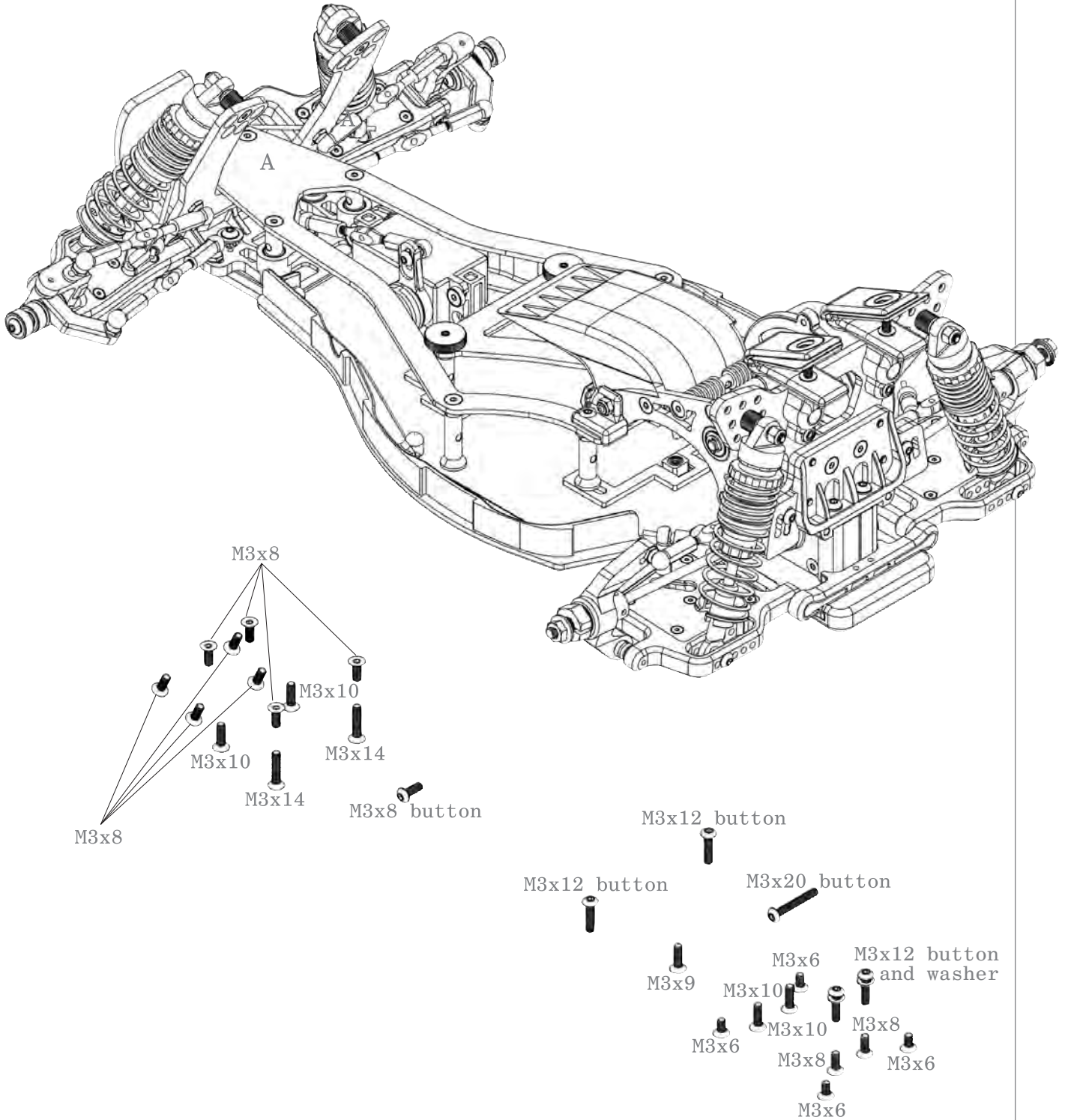
- A. Bind rear end to the chassis and clip in skid plate and secure with M3x8 screw.
- B. Bind kydex bumper to chassis plate and bulkhead.
- C. Mount steering mechanism and tighten steering posts before installing deck.

D COMPONENTS ASSEMBLY, FRONT LEFT VIEW



- A. Use M3x20 button screw to connect gearbox link with gearbox (refer to page 9).
 B. Use M3x8 button screw to mount servo-saver to servo.

D COMPONENTS ASSEMBLY, REAR LEFT VIEW



A. Mount steering mechanism and tighten steering posts before installing deck.

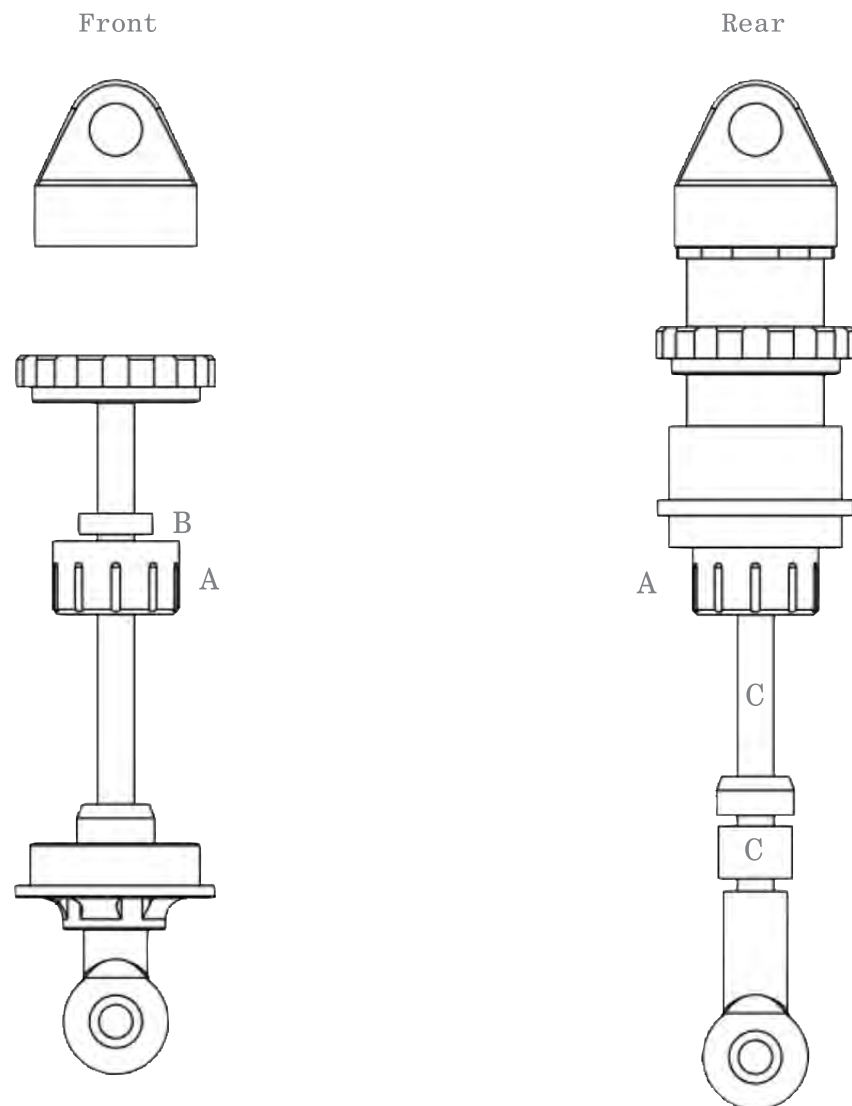
E

FRONT AND REAR DAMPER

Damper oil and piston recommendation for standard setup

Front= 600cps silicon oil and modify piston with 2 x 1,6mm holes.

Rear= 700cps silicon oil and modify piston with 2 x 1,6mm holes.



A. Replace O-rings and spacer with blue X-rings and 3,6x6x1,3mm POM spacer.

B. Front damper: Use 2mm spacer inside damper body (A-tree).

C. Rear damper: Replace damper shaft with longer shaft and 5mm spacer (A-tree).

E

FRONT AND REAR DAMPER

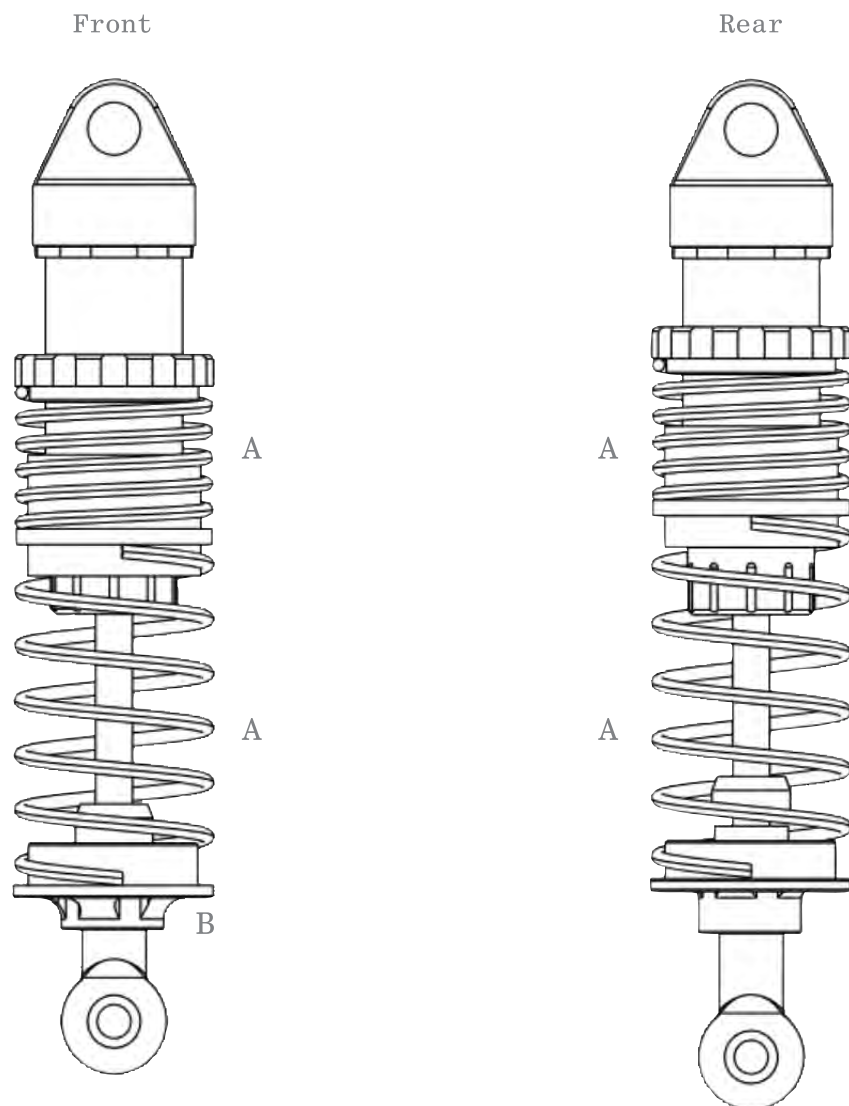
Spring Rate Chart

Primary springs (upper position)

Blue= 3,7 lb/in, Green= 5,2 lb/in, Yellow= 7,3 lb/in, Red= 9,5 lb/in.

Secondary springs (lower position)

Blue= 2,3 lb/in, Blue/Blue= 3,3 lb/in, Green= 3,5 lb/in, Green/Green= 4,0 lb/in,
Yellow= 4,4 lb/in, Yellow/Yellow= 4,8 lb/in, Red= 6,2 lb/in, Red/Red= 8,1 lb/in.



Standard setting

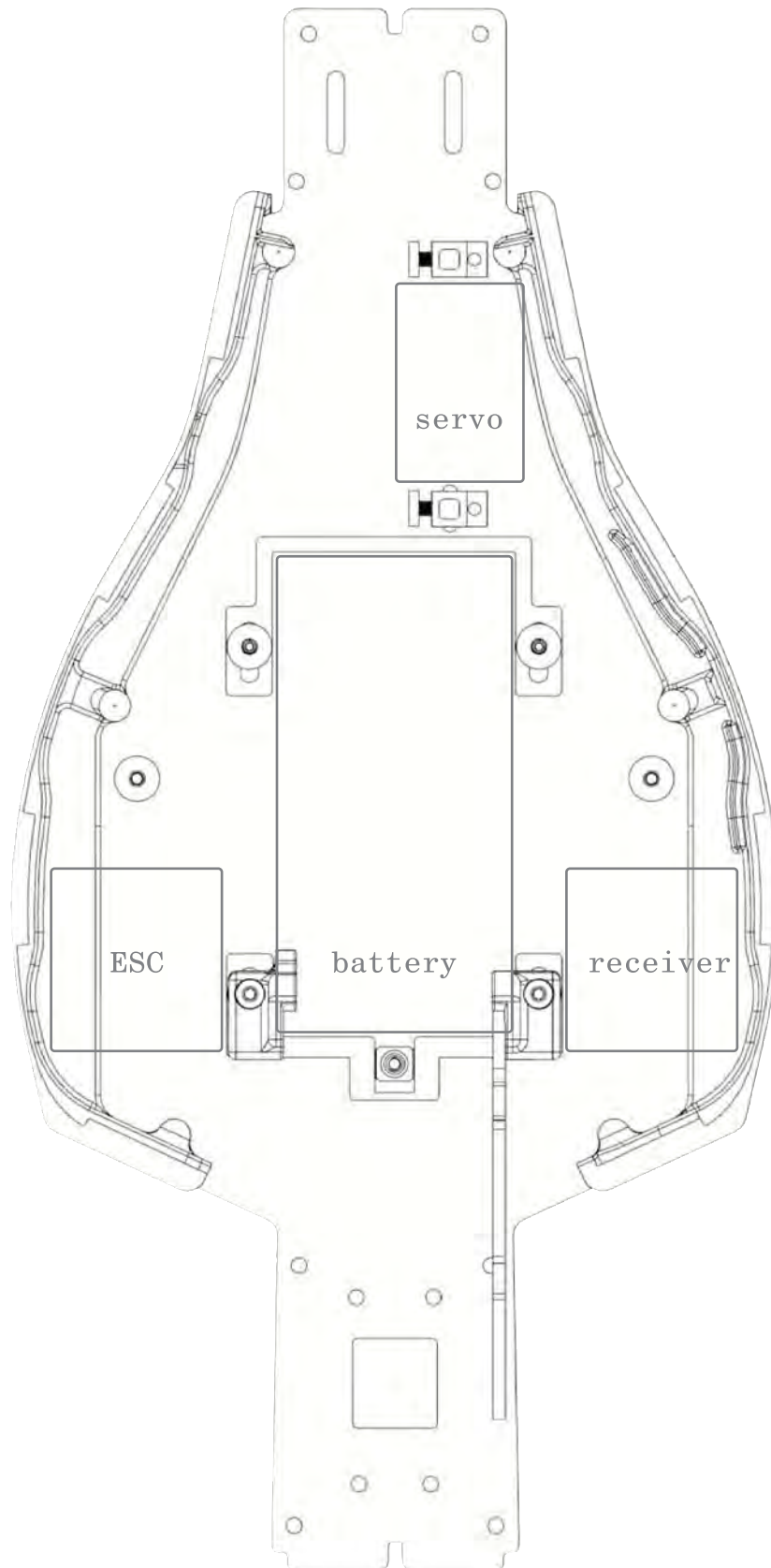
Front damper: Primary spring: Green= 5,2 lb/in, Secondary spring: Blue/Blue= 3,3 lb/in.

Rear damper: Primary spring: Yellow= 7,3 lb/in, Secondary spring: Yellow/Yellow= 4,8 lb/in.

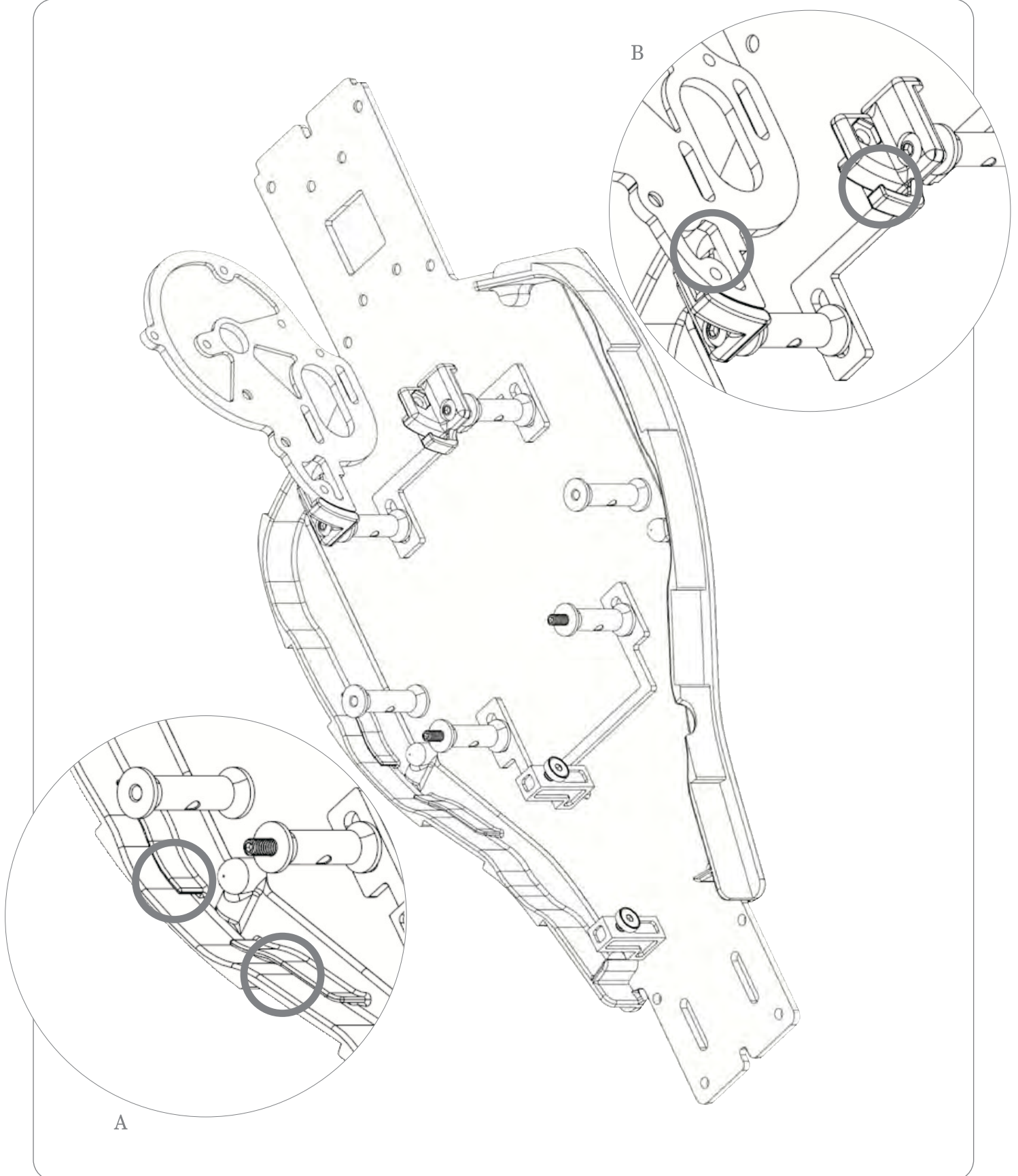
A. Use springs as needed. Refer to spring chart above.

B. Front damper: Use additional spring cup (A-tree).

F INSTALLATION ELECTRONICS, TOP VIEW



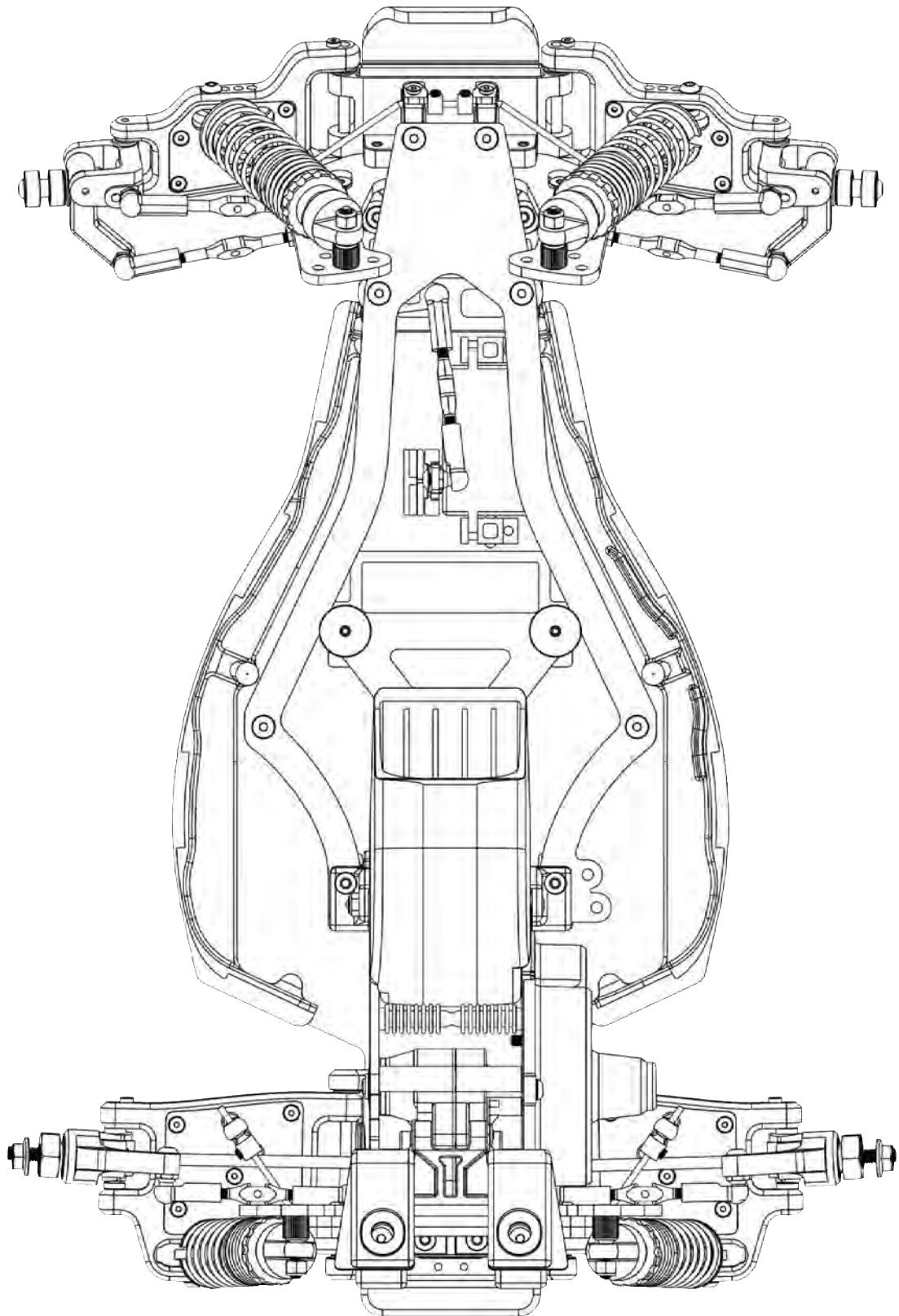
F INSTALLATION ELECTRONICS, WIRING



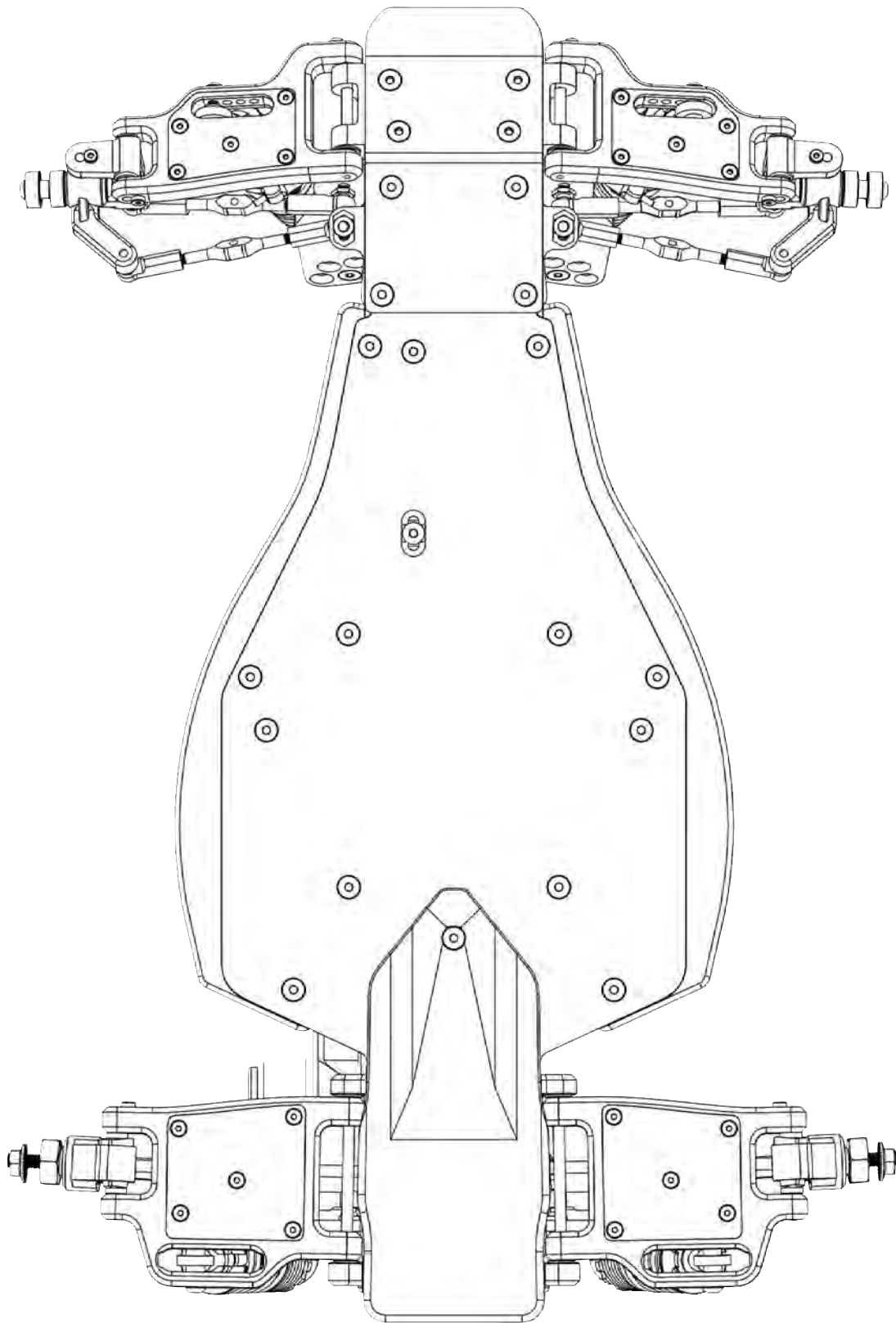
A. Route servo cable along cable guide.

B. Route ESC cable thru clip and motorplate. Remove air scoop!

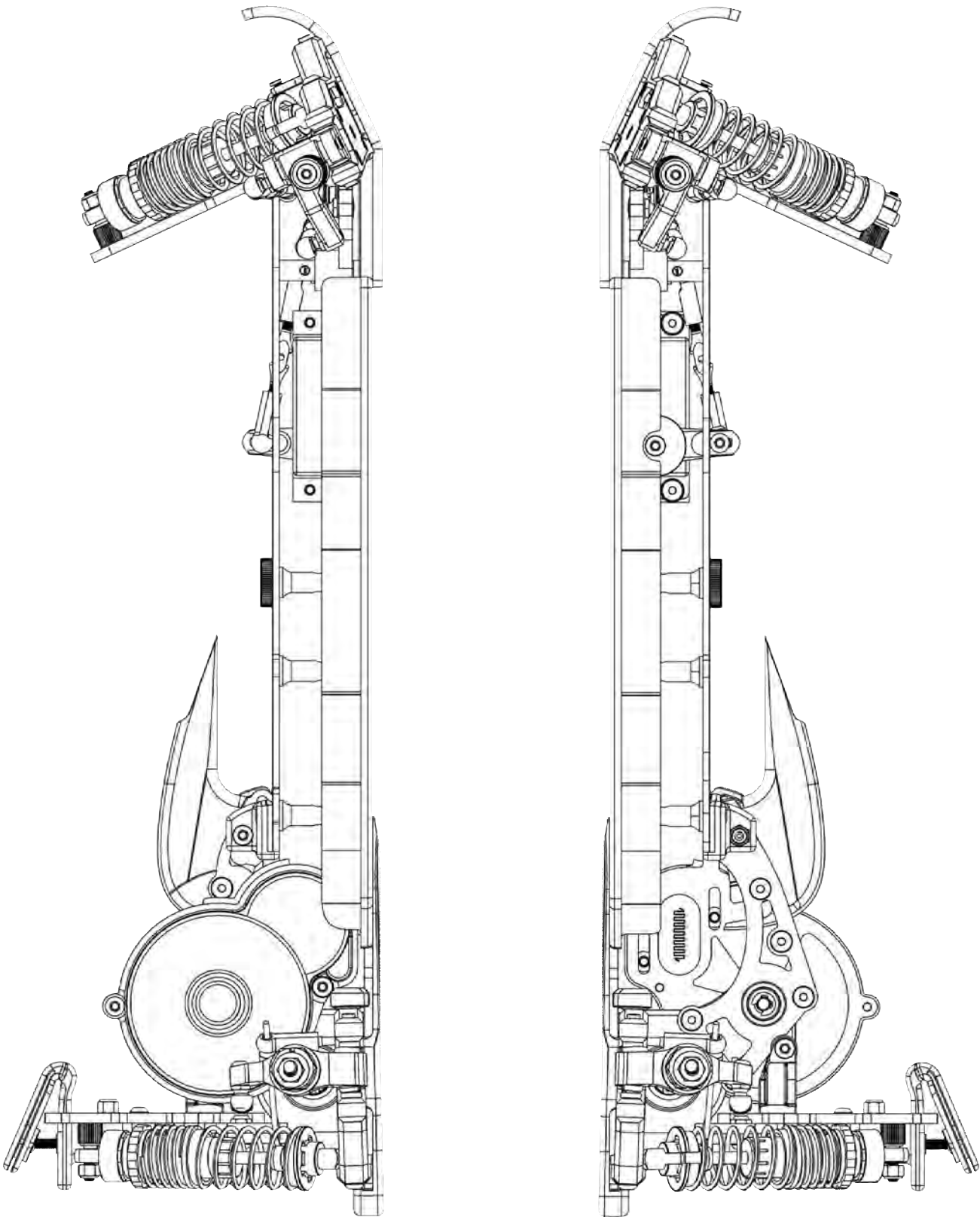
FINISHED ASSEMBLY, TOP VIEW



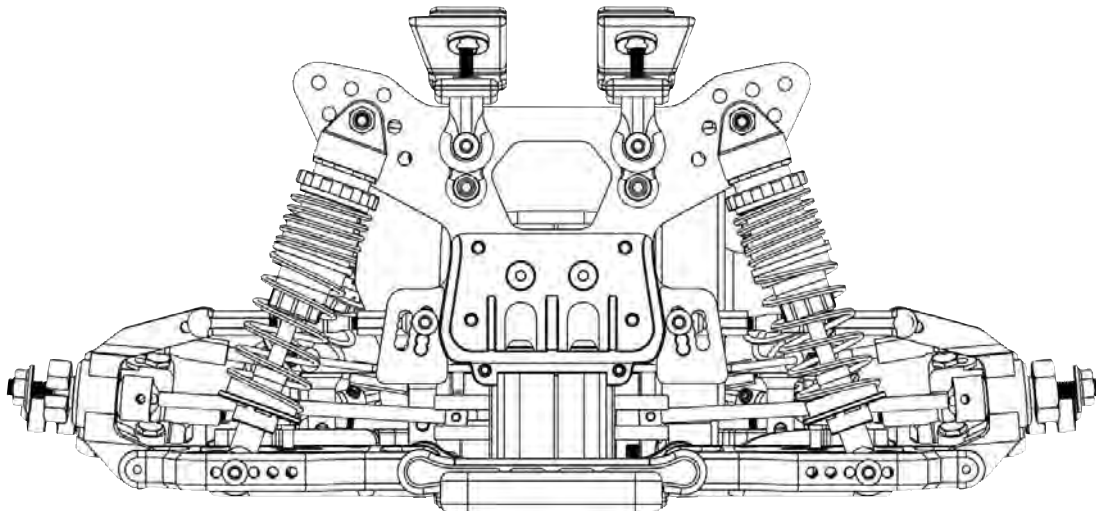
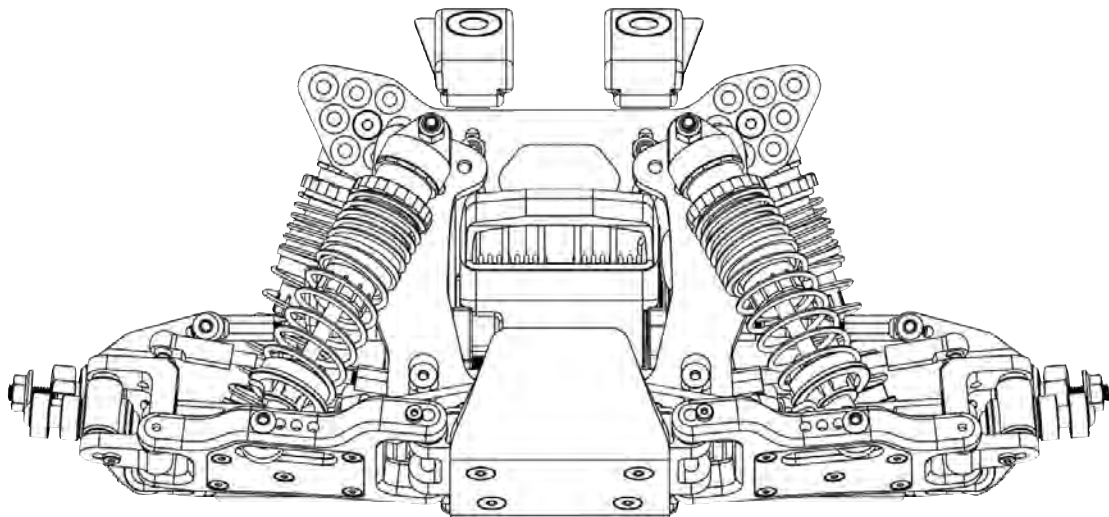
FINISHED ASSEMBLY, BOTTOM VIEW



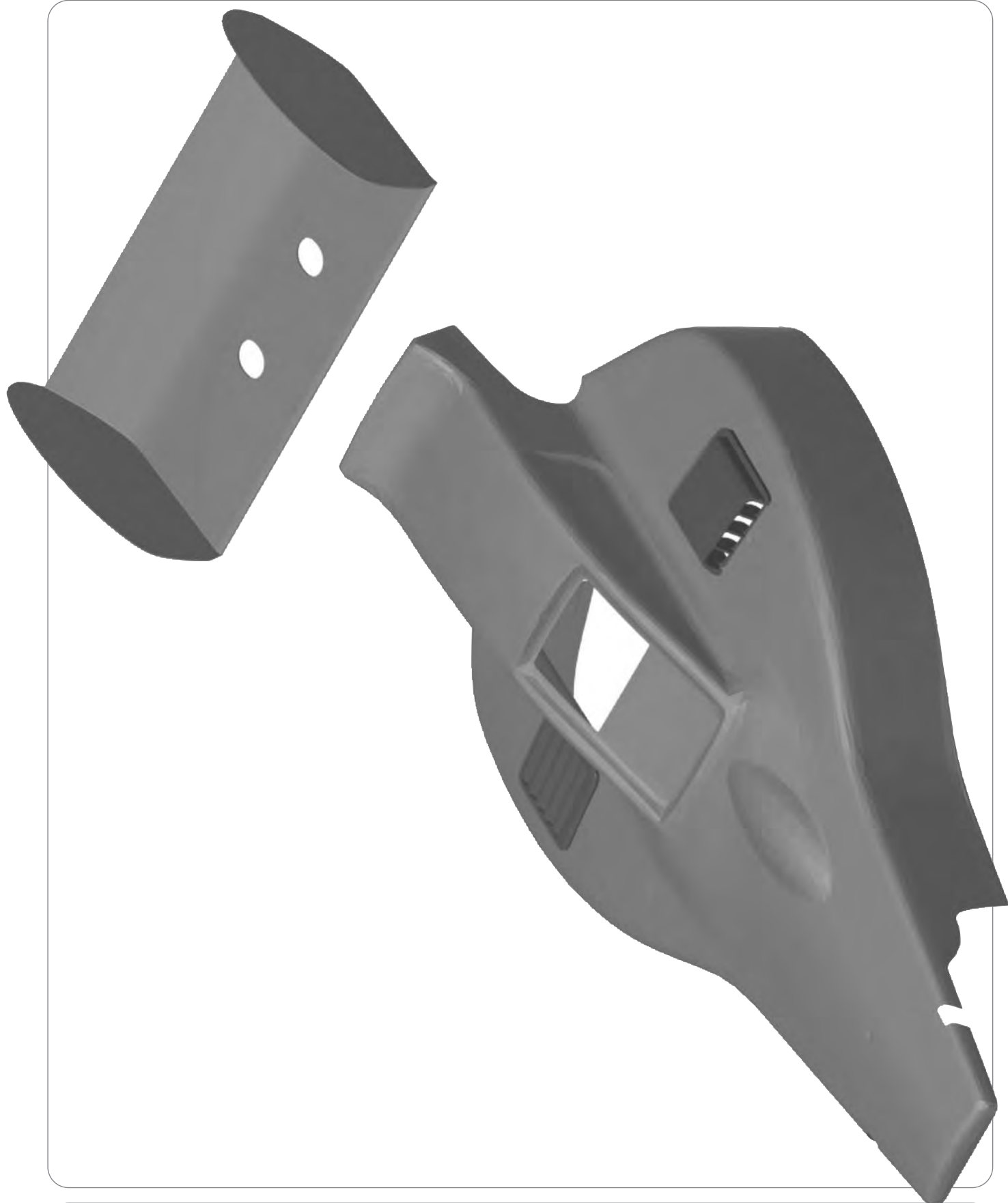
FINISHED ASSEMBLY, SIDE VIEWS



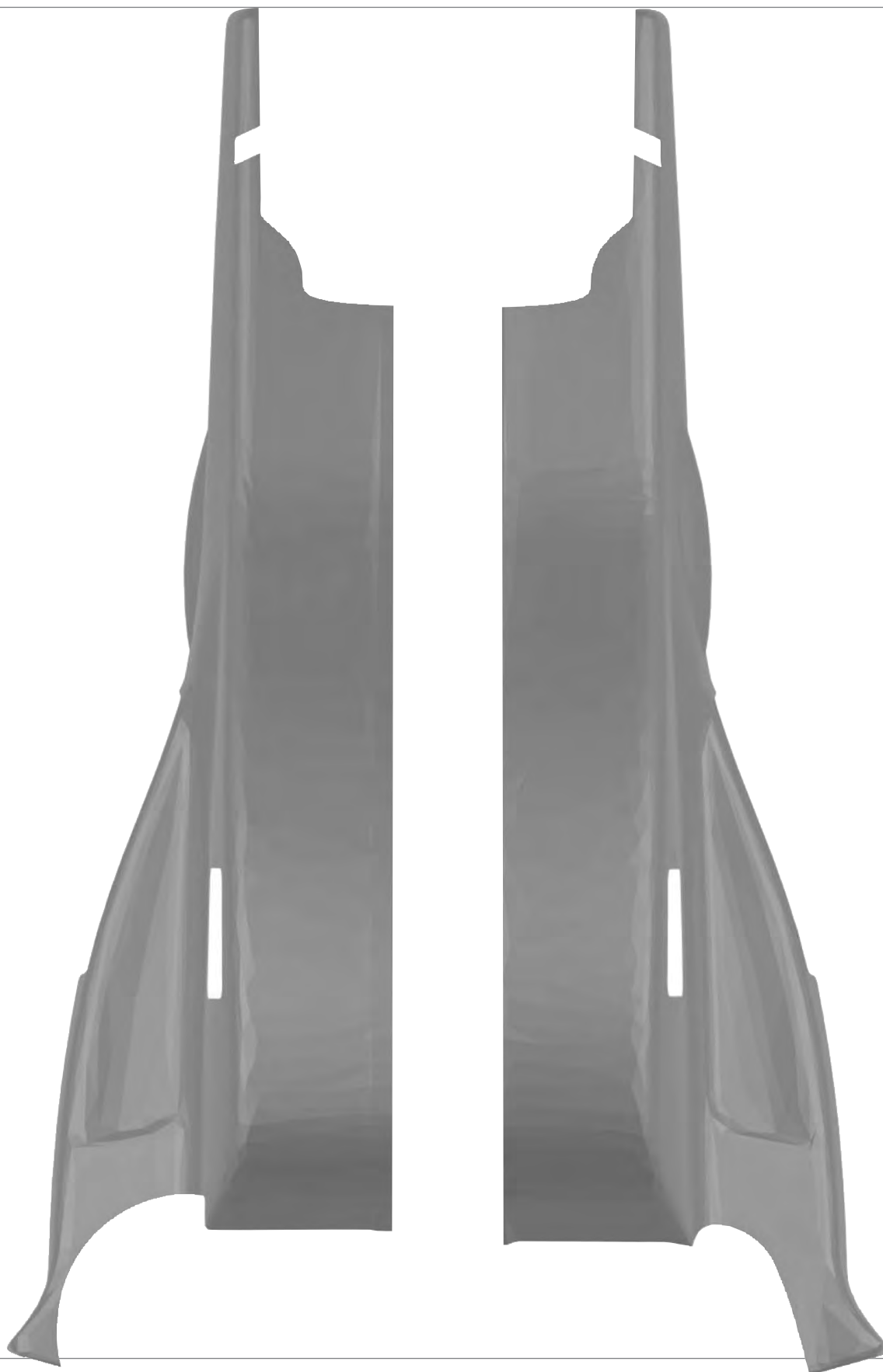
FINISHED ASSEMBLY, FRONT AND REAR VIEW



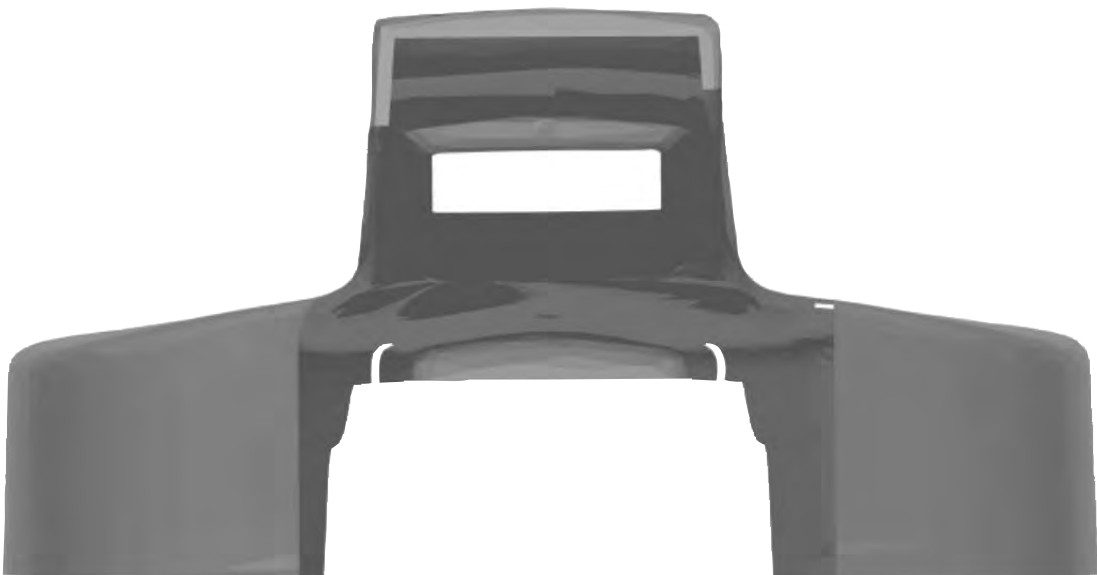
BODY AND WING TRIM



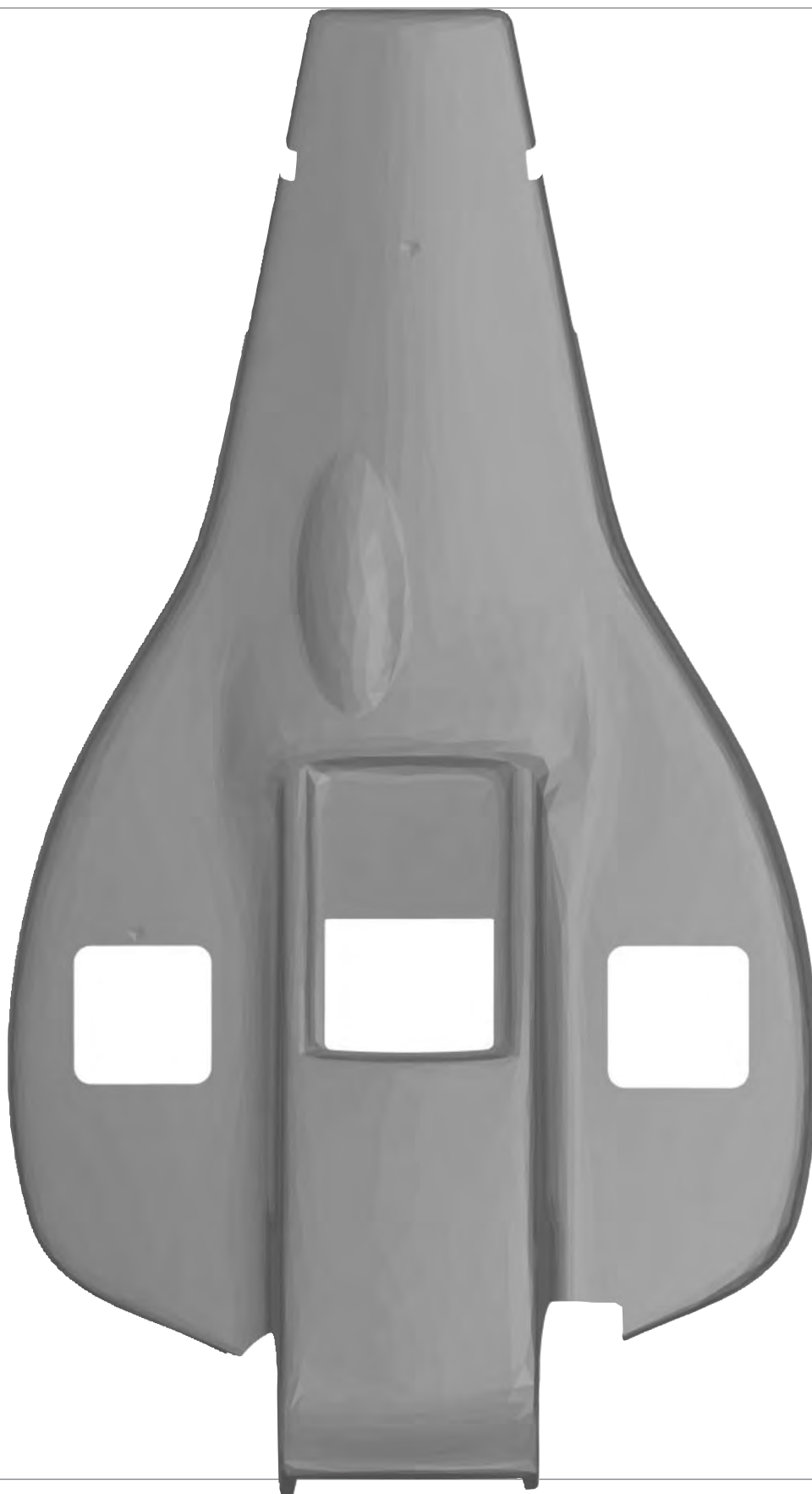
BODY TRIM, SIDE VIEWS



BODY TRIM, FRONT AND REAR VIEW



BODY TRIM, TOP VIEW

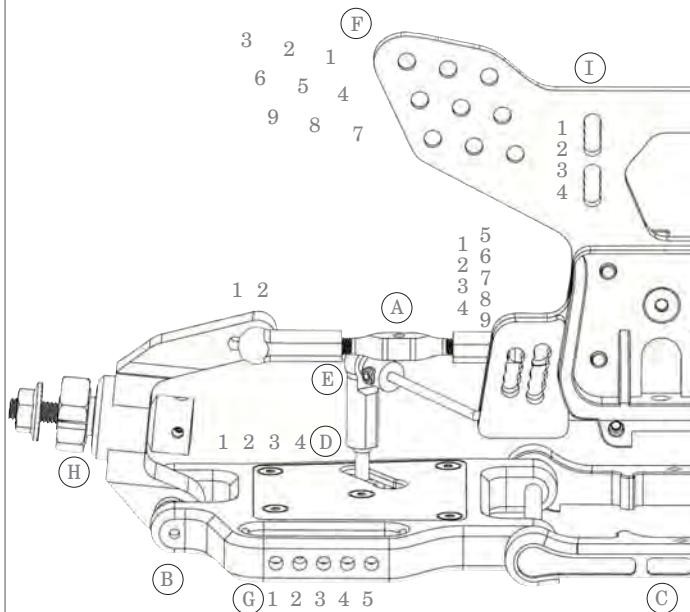
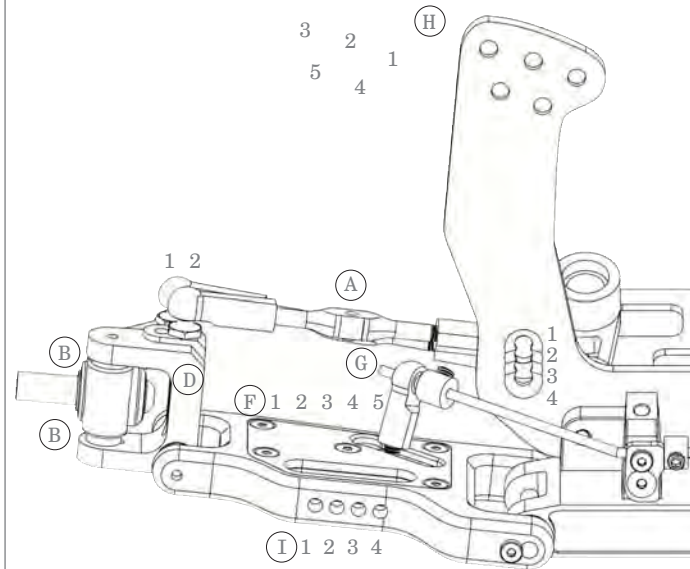
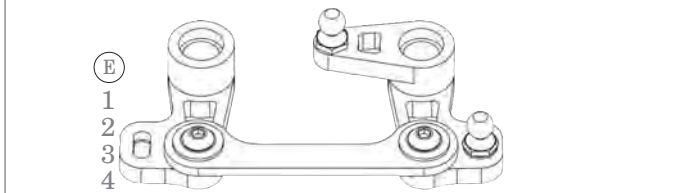


Driver:

SETUP SHEET

Date:

Track Info/Comment Course Smooth Groove Bumpy Traction:
 high medium low Dirt Grass Clay Dusty Wet Weather



Front Suspension:

- A. Position Upper Arm: Inner Outer
- B. Upright Spacer (mm):
- C. Camber Angle (degree):
- D. Caster Block: 25° 30°
- E. Ackermann Left (1-4): Right (1-4):
- Ground Clearance (mm):
- F. Position Sway-bar Base (1-5):
- G. Position Sway-bar Top (mm):
- Sway-bar: Green Red Yellow
- H. Upper Damper Mount (1-5):
- I. Lower Damper Mount (1-4):
- Damper
- Lenght Upper Spring (17mm)
- Blue Green Red Yellow
- Lenght Lower Spring (42mm)
- Blue Blue/Blue Green Green/Green
- Red Red/Red Yellow Yellow/Yellow
- Inner Spacer (mm):
- Piston:
- Oil:

Rear Suspension:

- A. Position Upper Arm: Inner Outer
- B. Toe-In: 1° 2° 3° 4° 5°
- C. Anti-Squat: 1° 2° 3°
- Ground Clearance (mm):
- D. Position Sway-bar Base (1-4):
- E. Position Sway-bar Top (mm):
- Sway-bar Green/soft Red/medium Yellow/hard
- F. Upper Damper Mount (1-9):
- G. Lower Damper Mount (1-5):
- Damper
- Lenght Upper Spring (17mm):
- Blue Green Red Yellow
- Lenght Lower Spring (42mm):
- Blue Blue/Blue Green Green/Green
- Red Red/Red Yellow Yellow/Yellow
- Inner Spacer (mm):
- Piston:
- Oil:
- H. Hex (mm):
- I. Wing Mount Position (1-4):
- Wing Angle (Distance in mm):
- Front Tires Type: Compound:
- Inserts: Air Holes: Rim: Offset:
- Rear Tires Type: Compound:
- Inserts Air Holes: Rim: Offset:

Transmission:
 ESC: Motor: Battery:
 Spur Gear: Pinion Gear: Slipper Clutch:

Qualify	Race Results	Final
Race Time/Laps: <input type="text"/> Nb Laps: <input type="text"/>	<input type="text"/> : Race Time/Laps <input type="text"/> : Nb Laps	<input type="text"/> : Nb Laps
Best Lap: <input type="text"/>	<input type="text"/> : Best Lap <input type="text"/>	<input type="text"/> : Place

Spring Chart, Front Damper

Secondary Springs (42mm)	Primary Springs (17mm)		
	3,7	5,2	7,3
2,3	1,4(P) / 2,3(S)	1,6(P) / 2,3(S)	1,8(P) / 2,3(S)
3,3	1,7(P) / 3,3(S)	2,0(P) / 3,3(S)	2,3(P) / 3,3(S)
3,5	1,8(P) / 3,5(S)	2,1(P) / 3,5(S)	2,4(P) / 3,5(S)
4,0	1,9(P) / 4,0(S)	2,3(P) / 4,0(S)	2,6(P) / 4,0(S)
4,4	2,0(P) / 4,4(S)	2,4(P) / 4,4(S)	2,75(P) / 4,4(S)
4,8	2,1(P) / 4,8(S)	2,5(P) / 4,8(S)	2,9(P) / 4,8(S)
6,2	2,3(P) / 6,2(S)	2,8(P) / 6,2(S)	3,4(P) / 6,2(S)
8,1	2,5(P) / 8,1(S)	3,2(P) / 8,1(S)	3,8(P) / 8,1(S)
			9,5
			1,9(P) / 2,3(S)
			2,5(P) / 3,3(S)
			2,6(P) / 3,5(S)
			2,8(P) / 4,0(S)
			3,0(P) / 4,4(S)
			3,2(P) / 4,8(S)
			3,8(P) / 6,2(S)
			4,4(P) / 8,1(S)

Secondary Springs (58mm)	Primary Springs (17mm)		
	3,7	5,2	7,3
3,5	1,8(P) / 3,5(S)	2,1(P) / 3,5(S)	2,4(P) / 3,5(S)
4,8	2,1(P) / 4,8(S)	2,5(P) / 4,8(S)	2,9(P) / 4,8(S)
6,2	2,3(P) / 6,2(S)	2,8(P) / 6,2(S)	3,4(P) / 6,2(S)
8,1	2,5(P) / 8,1(S)	3,2(P) / 8,1(S)	3,8(P) / 8,1(S)
			9,5
			2,6(P) / 3,5(S)
			3,1(P) / 4,8(S)
			3,8(P) / 6,2(S)
			4,4(P) / 8,1(S)

Spring Chart, Rear Damper

TRF221XM PARTS LIST

Item	Pc(s)/Set(s)	Bag
PA12		
40		
1 connector l	1	A1 (A-TREE)
2 connector r	1	A1 (A-TREE)
3 gearbox l	1	A1
4 gearbox r	1	A1
5 gearbox link	1	A3
6 nut cage	1	A1 (A-TREE)
7 sidepole l	1	B1
8 sidepole r	1	B1
9 airscoop	1	D
10 airscoop esc	1	BODY AND WING
11 scoop rtx	1	BODY AND WING
12 skip plate	1	D
13 spacer damper (front and rear damper, 4pcs)	4	A1 (A-TREE)
14 wing mount l	1	A3
15 wing mount r	1	A3
16 wing mount ballcup	2	A3 (B-TREE)
17 wing shim	2	A3 (B-TREE)
18 plastic pin stabilizer (4 pcs)	4	A1 (A-TREE)
19 front upright l	1	C2
20 front upright r	1	C2
21 spring cup	2	A1 (A-TREE)
22 insert 1° r (black)	1	SETUP BAG
23 insert 1° l (black)	1	SETUP BAG
24 insert 2° r (blue)	1	A2
25 insert 2° l (blue)	1	A2
26 insert 3° r (green)	1	SETUP BAG
27 insert 3° l (green)	1	SETUP BAG
28 insert 4° r (red)	1	SETUP BAG
29 insert 4° l (red)	1	SETUP BAG
30 insert 5° r (yellow)	1	SETUP BAG
31 insert 5° l (yellow)	1	SETUP BAG
TPU		
12		
32 gearbox gasket	1	A1
33 gearcover gasket	1	A1
34 wing mount rubber	2	A3
35 insert for flanged bearing	4	A2
36 insert for stabilizer adjuster, front	2	C2
37 insert for stabilizer adjuster, rear	2	A2
FOAM		
4		
38 insert for stabilizer adjuster, front	2	C2
39 insert for stabilizer adjuster, rear	2	A2
CARBON		
46		
1,5mm	10	

TRF221XM PARTS LIST

40	front left top Insert	1	C2
41	front left bottom Insert	1	C2
42	front right top Insert	1	C2
43	front right bottom Insert	1	C2
44	rear left top Insert	1	A2
45	rear left bottom Insert	1	A2
46	rear righth top Insert	1	A2
47	rear right bottom Insert	1	A2
48	front stabilizer plate l	1	C1
49	front stabilizer plate r	1	C1
	<i>2,0mm</i>	5	
50	battery front brace	1	B1
51	battery rear brace	1	B1
52	battery top brace	1	B1
53	steering link	1	C3
54	upper deck	1	B1
	<i>2,5mm</i>	2	
55	chassis	1	B1
56	gearbox brace	1	A1
	<i>3,0mm</i>	6	
57	front damper stay (medium)	1	C1
58	front damper stay (small)	1	SETUP BAG
59	rear damper stay a	1	A3
60	rear damper stay b	1	A3
61	rear damper stay b l	1	A3
62	rear damper stay b r	1	A3
	ALU 7075	37	
63	battery tray nut	2	B1
64	bulkhead	1	C1
65	cooling pole	2	A1
66	damper mount	4	A3= 2, C1= 2
67	motorplate	1	A1
68	pivot bar 1deg front	1	SETUP BAG
69	pivot bar 1deg rear	1	SETUP BAG
70	pivot bar 2deg front	1	A2
71	pivot bar 2deg rear	1	A2
72	pivot bar 3deg front	1	SETUP BAG
73	pivot bar 3deg rear	1	SETUP BAG
74	pole 23mm	4	B1
75	pole 25mm	2	B1
76	servo mount	2	B1
77	shocktower	1	A3
78	steering pole	2	C3
79	steering link washer	2	C3
80	c-hub 0° l	1	C2
81	c-hub 0° r	1	C2

TRF221XM PARTS LIST

82	c-hub 5° l	1	SETUP BAG
83	c-hub 5° r	1	SETUP BAG
84	rear hub l	1	A2
85	rear hub r	1	A2
86	steering arm l	1	C3
87	steering arm r	1	C3

TI Grade 5 **19**

88	gear 28t 0.5	1	A1
89	mainshaft	1	A1
90	shaft d2,6mm 21,2mm	4	C2
91	shaft d3mm 28,3mm	2	A2
92	shaft d3mm 37,4mm	2	C2
93	shaft d3mm 49,0mm	2	A2
94	turnbuckle 35mm	3	A2= 2, C3= 1
95	turnbuckle 49mm	4	C2= 2, C3= 2

WIRE **46**

96	front stabilizer 1,4mm (green)	1	SETUP BAG
97	rear stabilizer 1,4mm (green)	1	SETUP BAG
98	front stabilizer 1,6mm (yellow)	1	C1
99	rear stabilizer 1,6mm (yellow)	1	A2
100	front stabilizer 1,8mm (red)	1	SETUP BAG
101	rear stabilizer 1,8mm (red)	1	SETUP BAG
102	spring primary supersoft - 3,7 lbs/in (blue)	4	SETUP BAG
103	spring primary soft - 5,2 lbs/in (green)	4	E= 2, SETUP BAG= 2
104	spring primary medium - 7,3 lbs/in (yellow)	4	E= 2, SETUP BAG= 2
105	spring primary firm - 9,5 lbs/in (red)	4	SETUP BAG
106	spring secondary - 2,3 lbs/in (blue)	2	SETUP BAG
107	spring secondary - 3,3 lbs/in (blue/blue)	2	E= 2, SETUP BAG
108	spring secondary - 3,5 lbs/in (green)	4	SETUP BAG
109	spring secondary - 4,0 lbs/in (green/green)	2	SETUP BAG
110	spring secondary - 4,4 lbs/in (yellow)	2	SETUP BAG
111	spring secondary - 4,8 lbs/in (yellow/yellow)	4	E= 2, SETUP BAG
112	spring secondary - 6,2 lbs/in (red)	4	SETUP BAG
113	spring secondary - 8,1 lbs/in (red/red)	4	SETUP BAG

LEXAN **3**

114	body	1	BODY AND WING
115	wing	1	BODY AND WING
116	gear cover	1	A1

KYDEX **1**

117	front bumper	1	D
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POM **12**

118	front suspension arms	2	C2
119	rear suspension arms	2	A2
120	shim 0,6mm	4	C2

TRF221XM PARTS LIST

121	shim 1,5mm	4	C2
122	damper spacer	4	E
THIRD PARTY		108	
123	front axle (metric)	2	C2
124	slipper clutch pad	2	A1
125	slipper clutch spring	1	A1
126	slipper clutch spring seat	2	A1
127	cooling pressure plate	2	A1
128	pinion gear 21-25T (Set)	1	SETUP BAG
129	spur gear 96T 48dp	1	A1
130	idler gear	1	A1
131	idler shaft	1	A1
132	ball differential (Set)	1	A1
133	universal joints (Set)	1	A2
134	12mm hex (5mm)	2	A2
135	ballend 5mm – threaded	7	C2= 4, C3= 3
136	ballend 5mm – with internal thread and hex	5	A2= 2, A3= 2, C3= 1
137	ballend 5mm – short with internal thread and he	2	C1
138	ballend 5mm – short, threaded for stabilizer	2	C2
139	ballend 5mm – long, threaded for stabilizer	2	A2
140	ballend 5mm – with internal thread for stabilizer	4	A2= 2, C2= 2
141	adjuster 5mm low friction	18	A2= 6, C2= 6, C3= 6
142	foam dust cover set (for ballends)	1	SETUP BAG
143	stabilizer rod stopper	2	C1
144	countersunk washer	2	B1
145	hex mount	2	A1
146	spacer set 3mm (inner diameter)	1	SETUP BAG
147	front rim	2	WHEEL SET
148	rear rim	2	WHEEL SET
149	oil damper x-rings, blue	8	E
150	front tyres	2	WHEEL SET
151	rear tyres	2	WHEEL SET
152	damper	4	E
153	damper shaft rear	2	E
154	damper mounts (Set)	4	A3= 2, C1=2
155	servo saver	1	C3
156	damper dust cover	4	SETUP BAG
157	diff outdrive dust cover	4	SETUP BAG
158	universal joints dust cover	2	SETUP BAG
159	spacer aluminum 1,5mm (rear hub)	4	A2
160	pin for hex mount	2	A2
BEARINGS		49	
	<i>gearbox</i>	27	
161	MR104 2RS (4x10x4)	1	A1
162	MR105 2RS(5x10x4)	3	A1
163	MF106 2RS (6x10x3 mit Flansch)	1	A1
164	6700 2RS (10x15x4)	2	A1

TRF221XM PARTS LIST

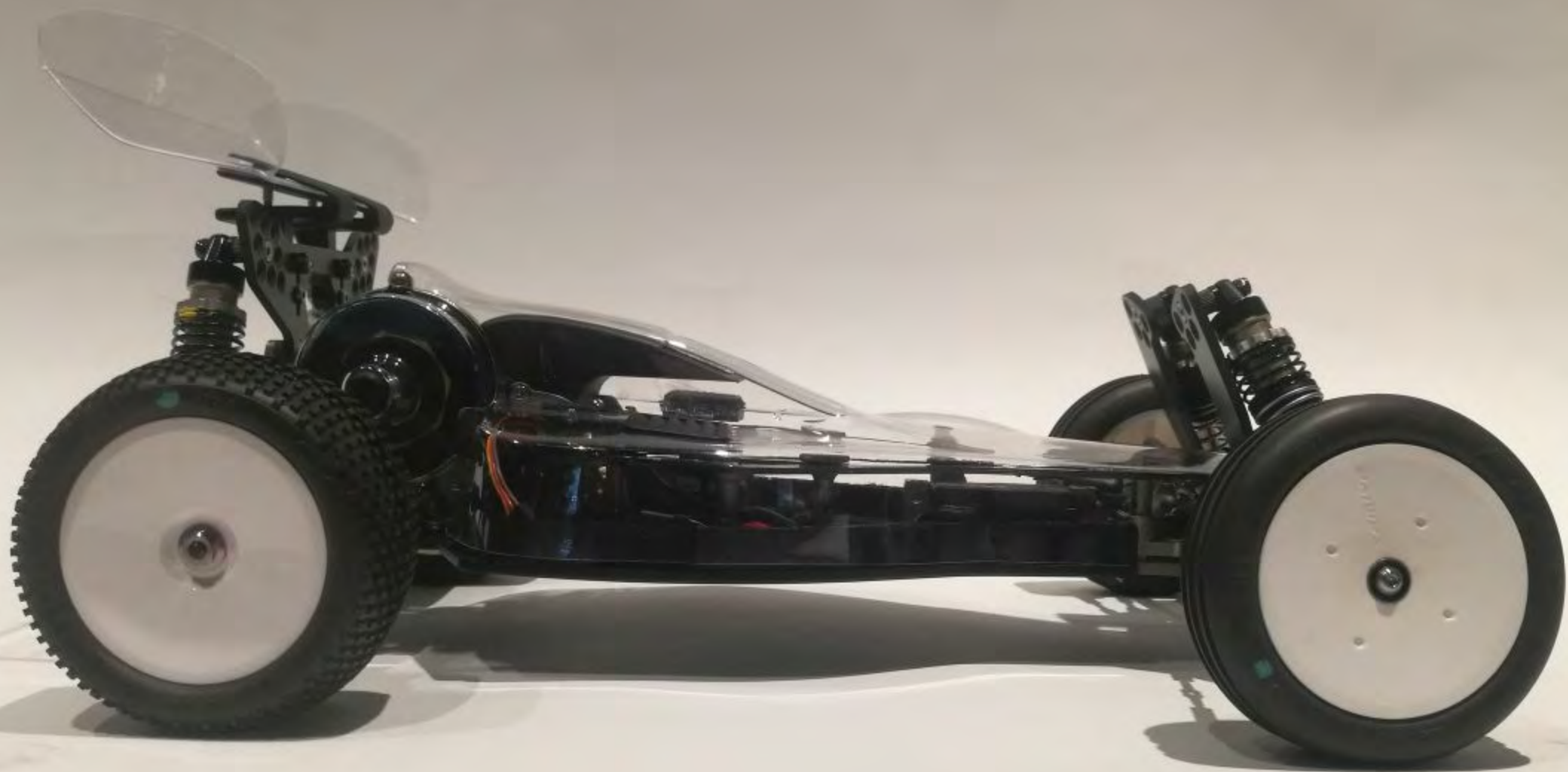
165	tungsten Carbide diff balls 3/32"	12	A1
166	tungsten Carbide diff balls 1/16"	8	A1
	<i>steering</i>	6	
167	MR85 2RS (5x8x2,5)	4	C3
168	MF85 2RS (5x8x2,5 mit Flansch)	2	C3
	<i>Bulkhead Front/Rear</i>	8	
169	MF63 2RS (3x6x2,5 mit Flansch)	8	A2= 4, C2= 4
	<i>wheels front/rear</i>	8	
170	MR115 2RS (5x11x4)	4	A2
171	MR105 2RS (5x10x4)	4	C2
	SCREWS / NUTS / WASHER / SHIMS / M	440	
	<i>allen M1,5</i>	2	
172	4mm	2	A2
	<i>countersunk M2</i>	40	
173	4mm	40	A2= 20, C2= 20
	<i>countersunk M2,5</i>	2	
174	6mm	2	C1
	<i>flathead M2</i>	8	
175	3mm (Flach)	8	A2= 2, C1= 2, C2= 4
	<i>inserts (brass) M2</i>	20	
176	4mm	20	A2= 10, C2= 10
	<i>countersunk M3, TI Grade 5</i>	63	
177	6mm	14	A1= 4, B1= 6, D= 4
178	8mm	20	B1= 6, C1= 4, D= 10
179	9mm	5	A3= 4, D= 1
180	10mm	10	B1= 6, D= 4
181	14mm	4	A3= 2, D= 2
182	16mm	1	A1
183	20mm	4	A3= 2, C1= 2
184	20mm (semi thread)	2	A3
185	45mm	3	A1
	<i>button M3 TI Grade 5</i>	30	
186	4mm	2	A1
187	6mm	4	C2= 2, C3= 2
188	8mm	5	A1= 1, C2= 2, C3= 1, D= 1
189	10mm	4	A3
190	12mm	8	A2= 2, A3= 2, D= 4
191	16mm	4	A2= 2, C2= 2
192	20mm	1	D
193	6mm (steel 8.8)	2	D
	<i>nuts</i>	18	
194	M3, TI Grade 5	2	C3
195	M3 Lock Nut, TI Grade 5	8	A1= 2, A3= 5, B1= 1
196	M3 Lock Nut Pro-Line	4	A3= 2, C1= 2

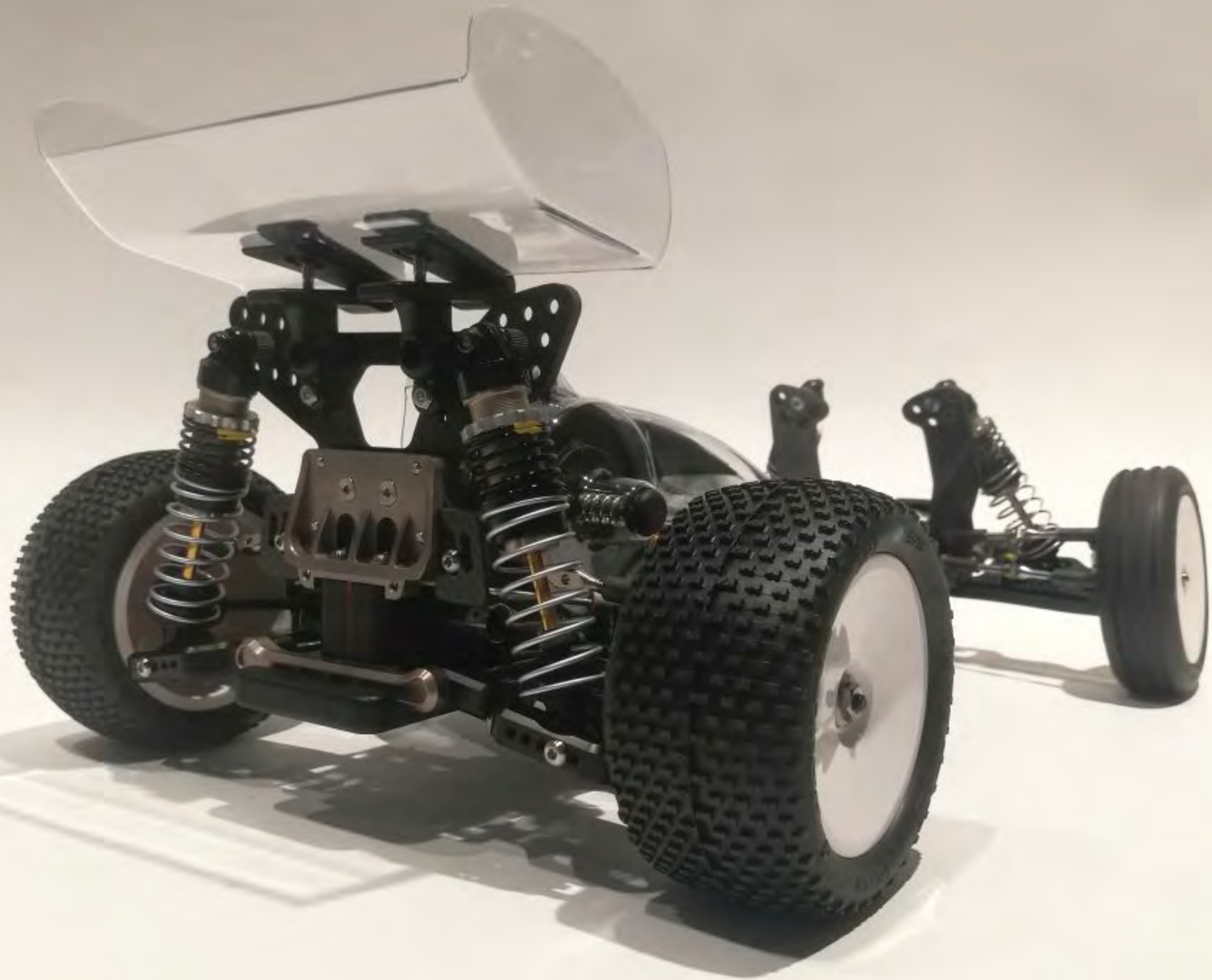
TRF221XM PARTS LIST

197	M3 Square Nut	2	A3
198	M4 serated nut TI	2	A2
	<i>washer & clips</i>	8	
199	M3, TI Grade 5	6	C3= 2, D= 4
200	E-Clip 3,2mm	1	A1
201	E-Clip 4,2mm	1	A1
	<i>grub screw M3</i>	12	
202	3mm (flat)	8	A1= 2, A2= 2, C1= 2, C2= 2
203	5mm (cone)	2	A3
204	12mm (flat)	2	B1
	<i>shims</i>	40	
205	shim (steel) 6x8x0,1	6	SETUP BAG
206	shim (steel) 5x7x0,1	6	SETUP BAG
207	shim (steel) 6x8x0,2	6	SETUP BAG
208	shim (steel) 5x7x0,2	6	SETUP BAG
209	shim (steel) 6x8x0,3	6	SETUP BAG
210	shim (steel) 5x7x0,3	6	SETUP BAG
211	shim (brass) 5x7x1	1	A1
212	shim (steel) 5x7x1	1	A1
213	shim (steel) 5x8x1	2	A2
	<i>misc</i>	22	
214	O-Ring (latex) battery mount	2	B1
215	dustcap Gearcover (rubber)	1	A1
216	velcro	1	BODY AND WING
217	ifixit tool	1	
218	wrench	1	TOOLS
219	allen key 1,5mm long	1	TOOLS
220	allen key 2,0mm long	1	TOOLS
221	torx key small	1	TOOLS
222	torx key medium	1	TOOLS
223	torx key large	1	TOOLS
224	assortment box	1	
225	manual	1	
226	setup sheet	1	
227	parts list	1	
228	decals	1	
229	window & airscoop maskings (set)	1	BODY AND WING
230	treadlock medium	1	TOOLS
231	silicon oil 600	1	
232	silicon oil 700	1	
233	kit box	2	

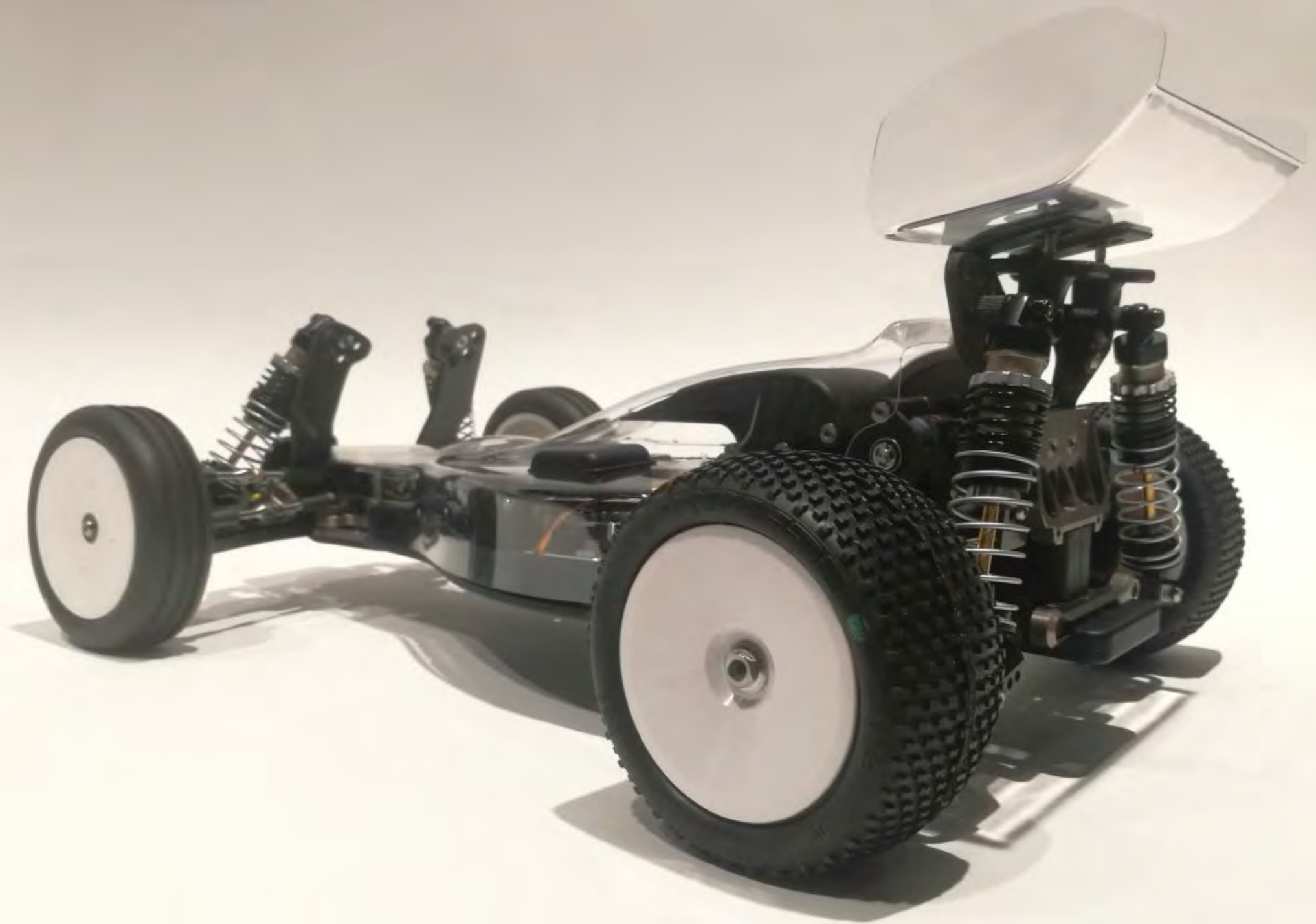


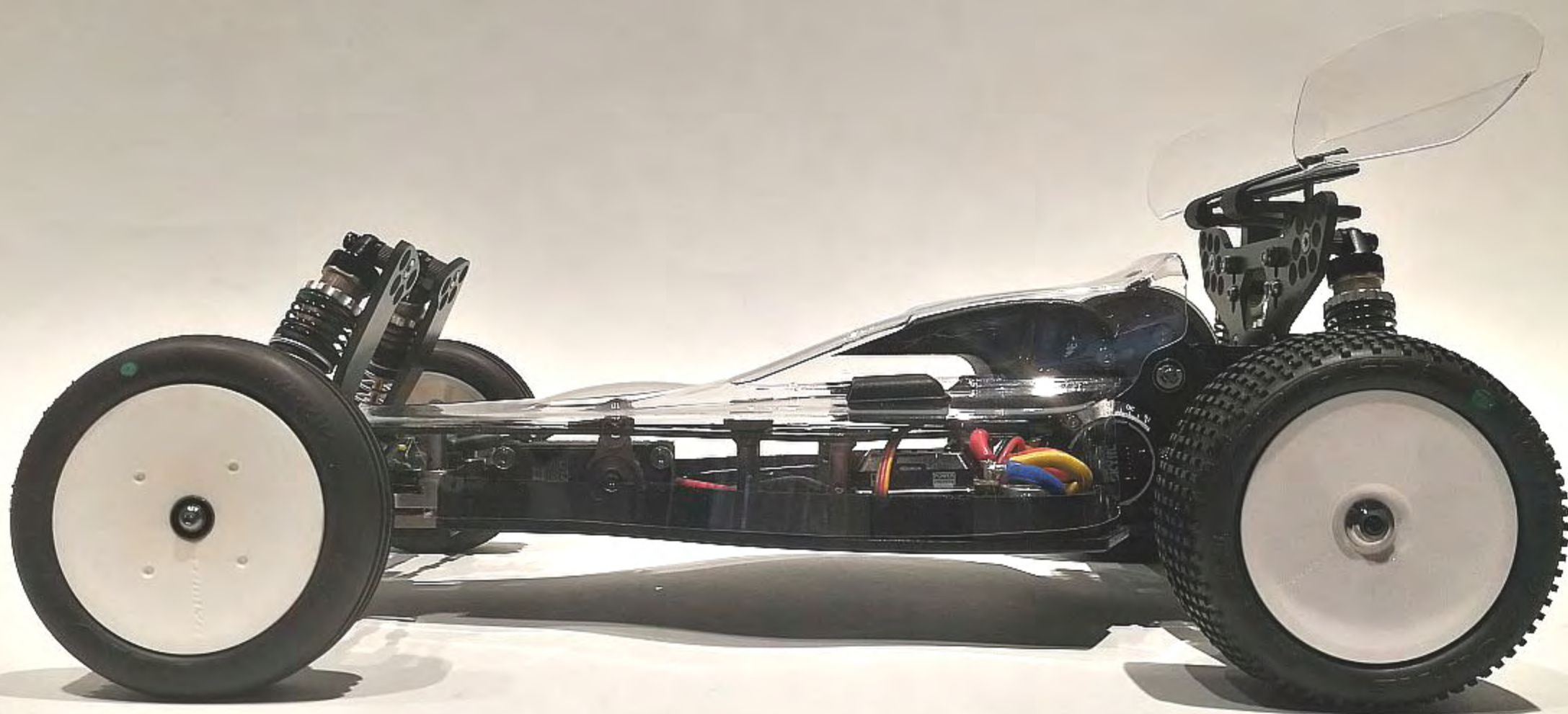


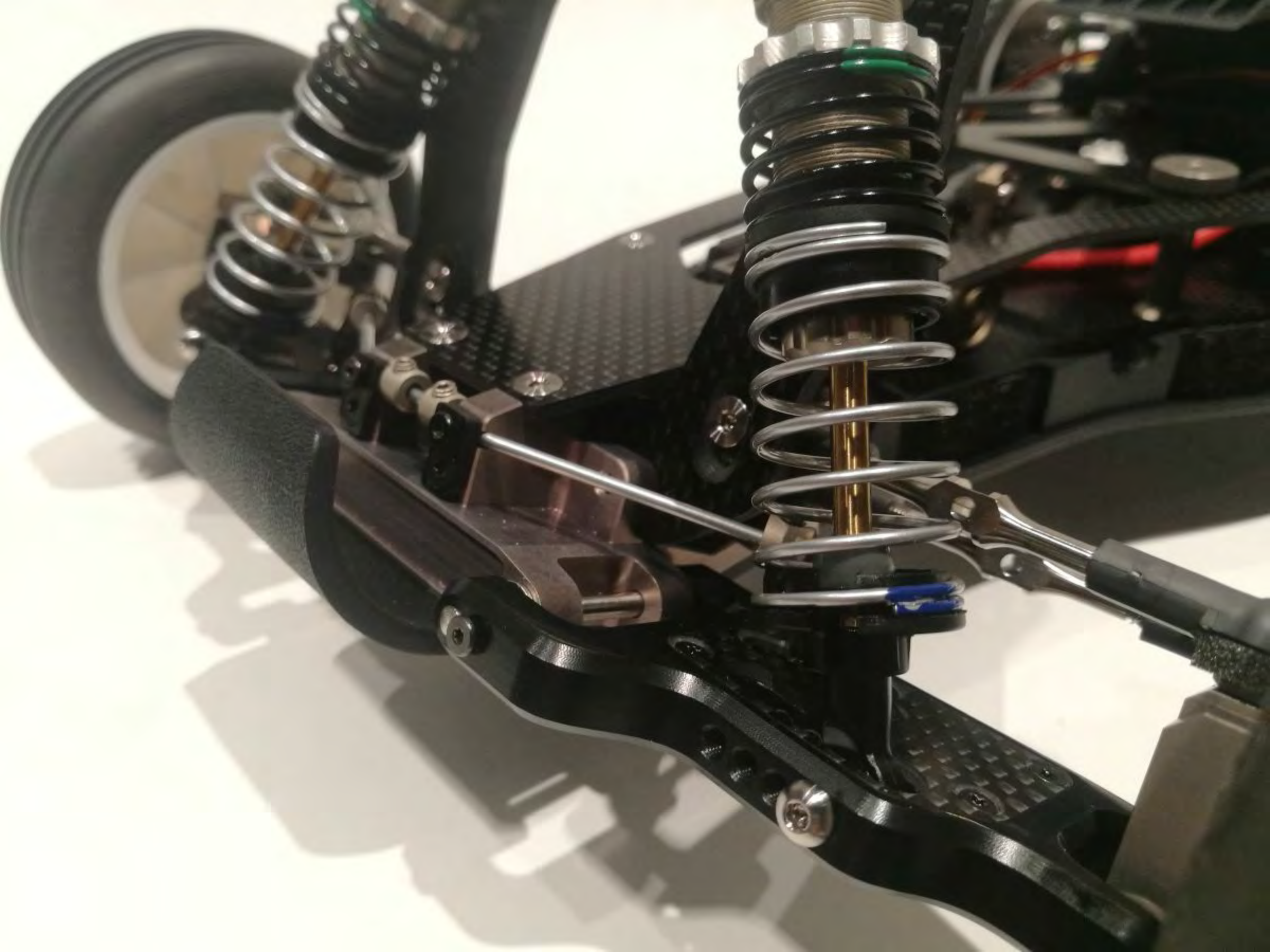




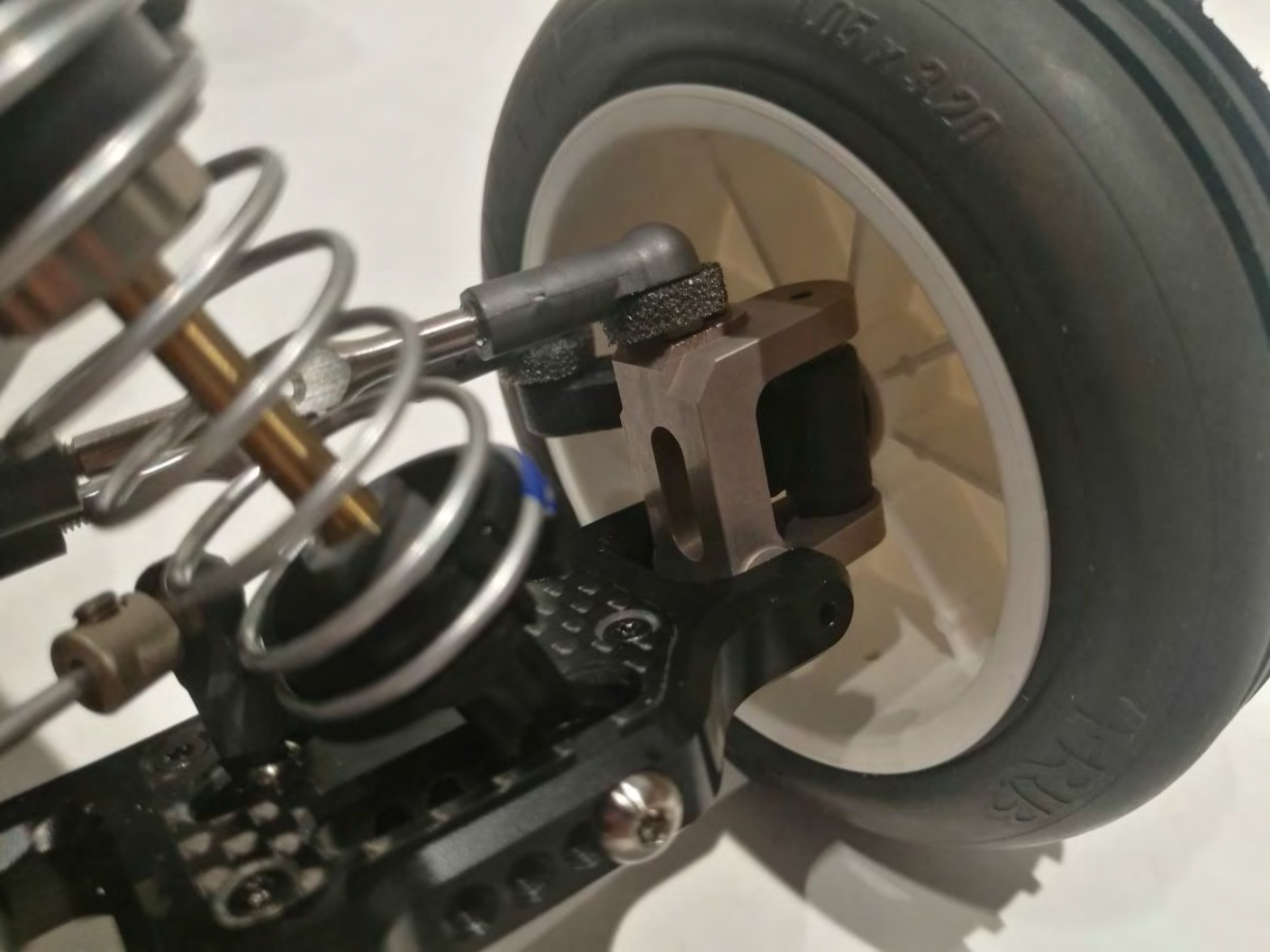


















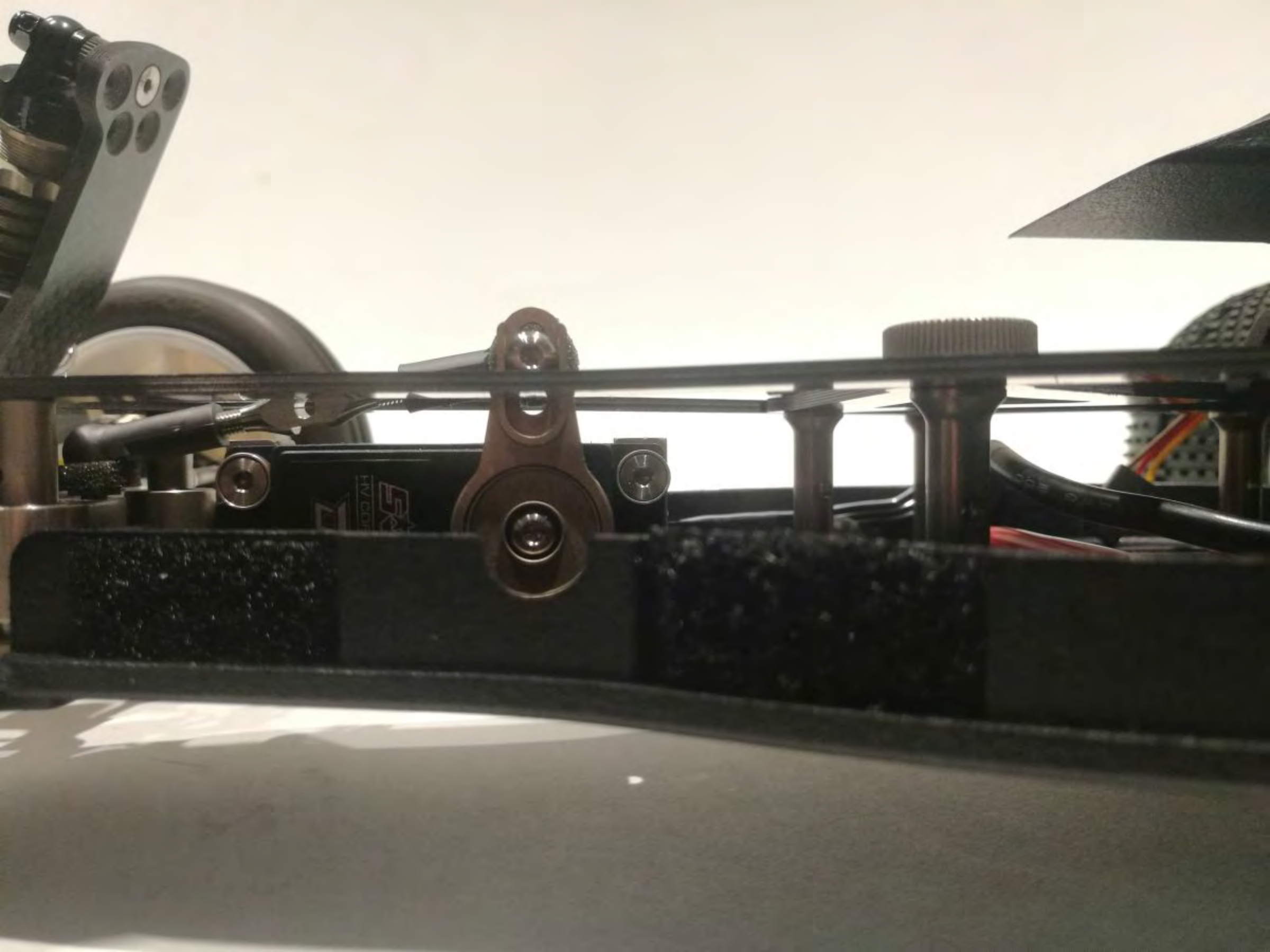




SKYRC
SENSOR
DUAR

30
10

POWER
CONVERTER





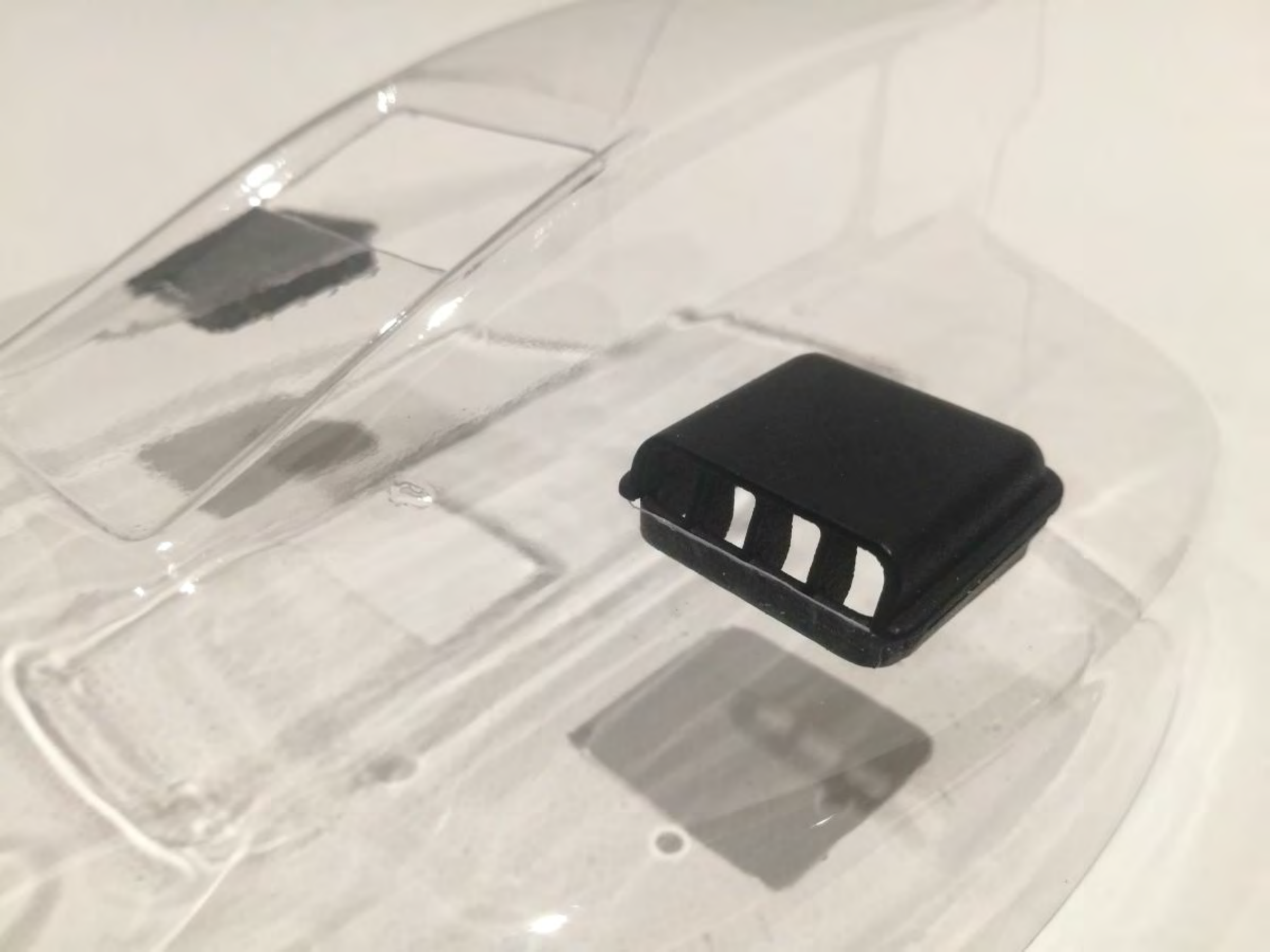






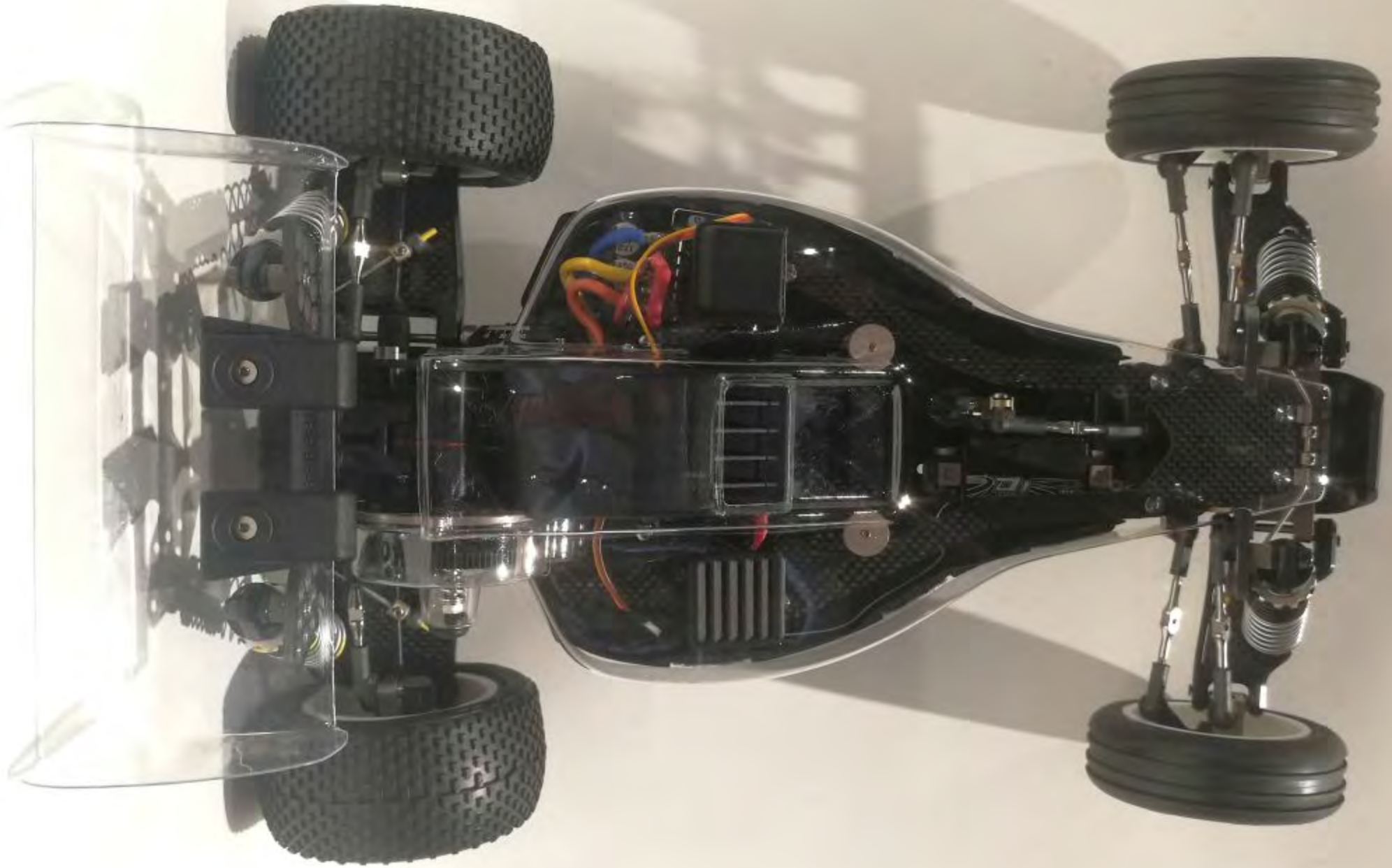
















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