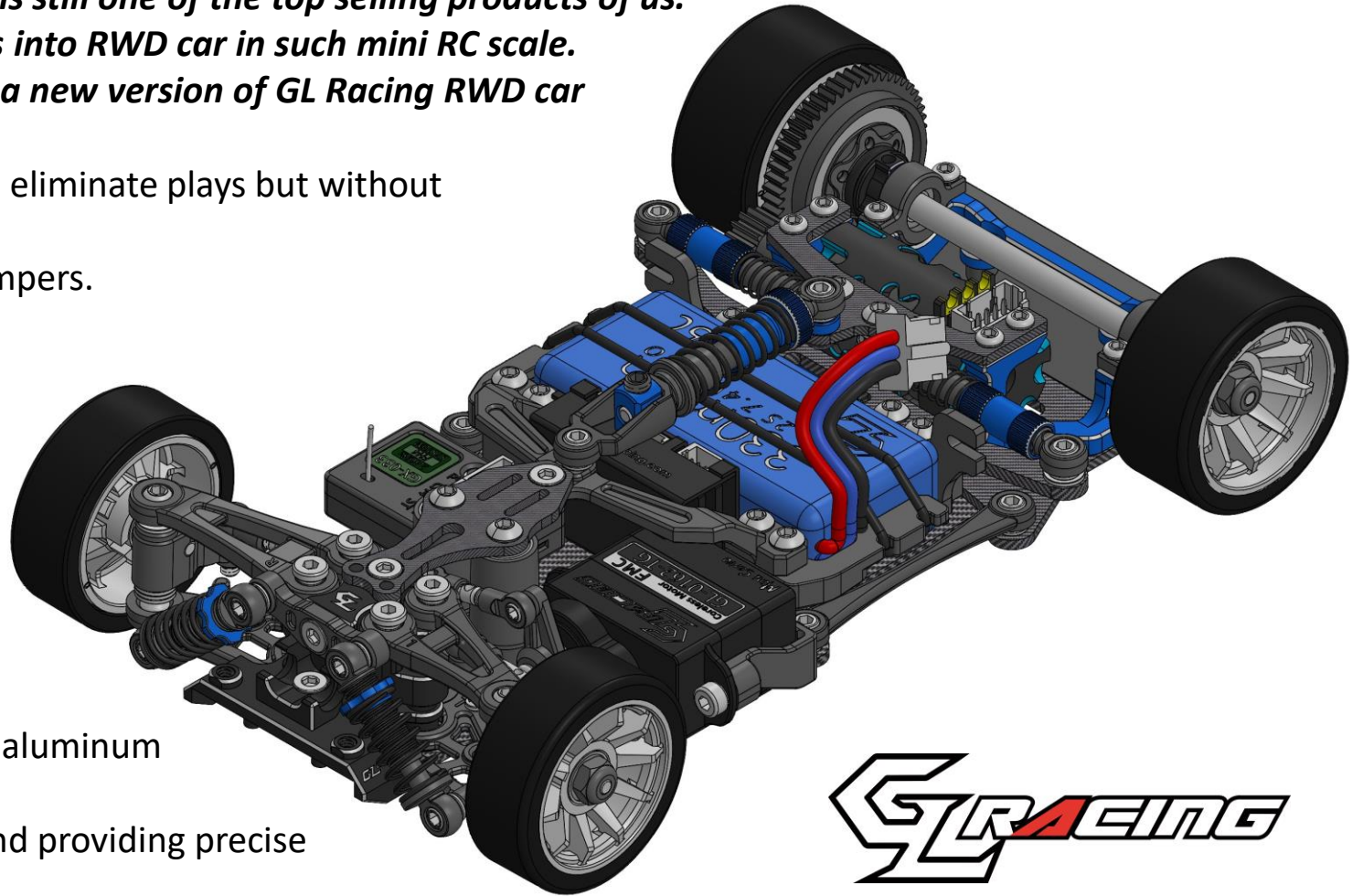
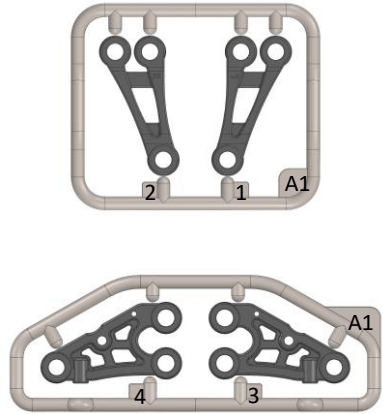


GLR is the first RWD of GL Racing and till now it is still one of the top selling products of us. GT incorporated a lot of innovative technologies into RWD car in such mini RC scale. GTR consolidated both of their strengths into a new version of GL Racing RWD car and with additional new features.

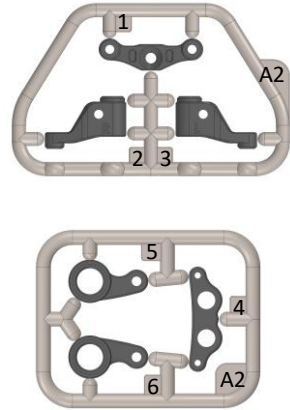
- 1, Ball joints front suspension arms which help to eliminate plays but without scarify their smoothness.
- 2, Adjustable dust proof central and rear side dampers.
- 3, The lowest CG car of GL Racing as of today.
- 4, Super wide offset creates ultra stability of the car even 0 degree offset rims are used.
- 5, Market well received T-shape central and rear side dampers layout.
- 6, Ride height adjustable motor mount (Option parts for ride height adjustments to be sold separately).
- 7, Front anti-roll bar with bearings (Option).
- 8, Dual steering arms system can be upgraded to aluminum and have saver capability (Option).
- 9, New version Titanium servo is more durable and providing precise handling experience (to be sold separately).



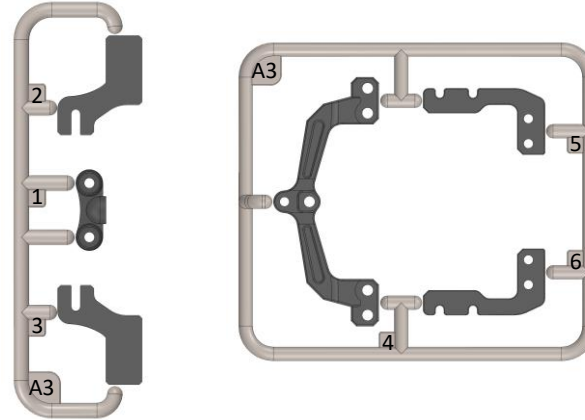
A1-Bag



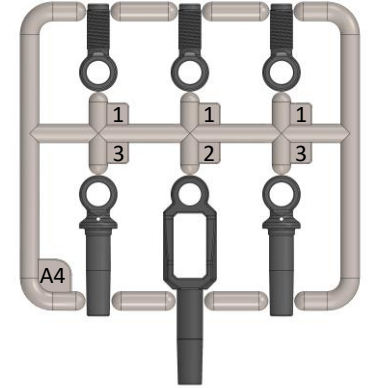
A2-Bag



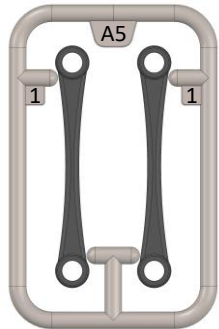
A3-Bag



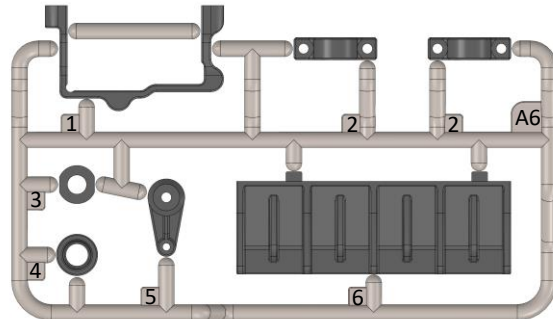
A4-Bag



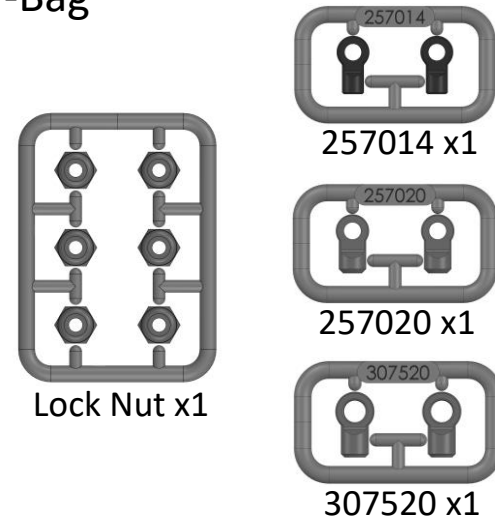
A5-Bag



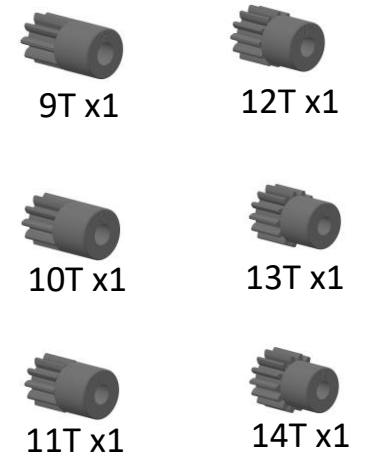
A6-Bag



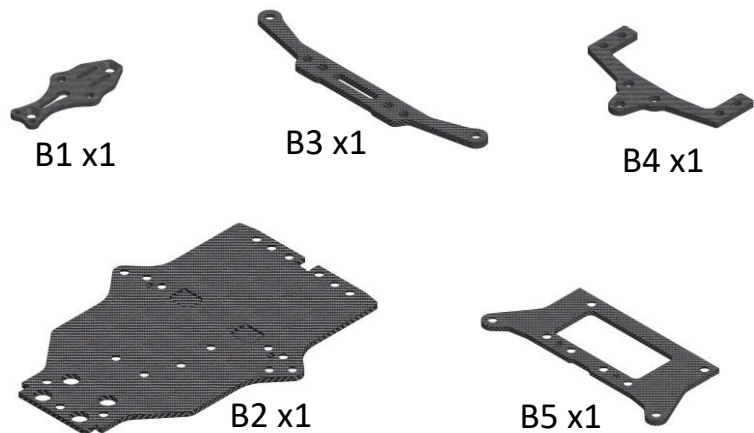
A7-Bag



A8-Bag



B1-Bag



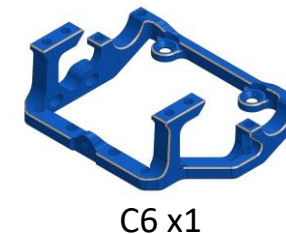
C1-Bag



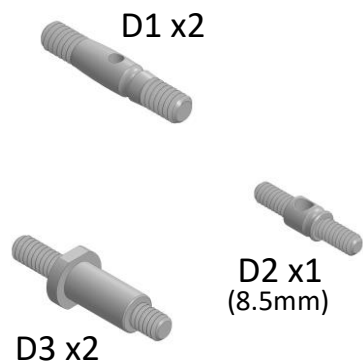
C2-Bag



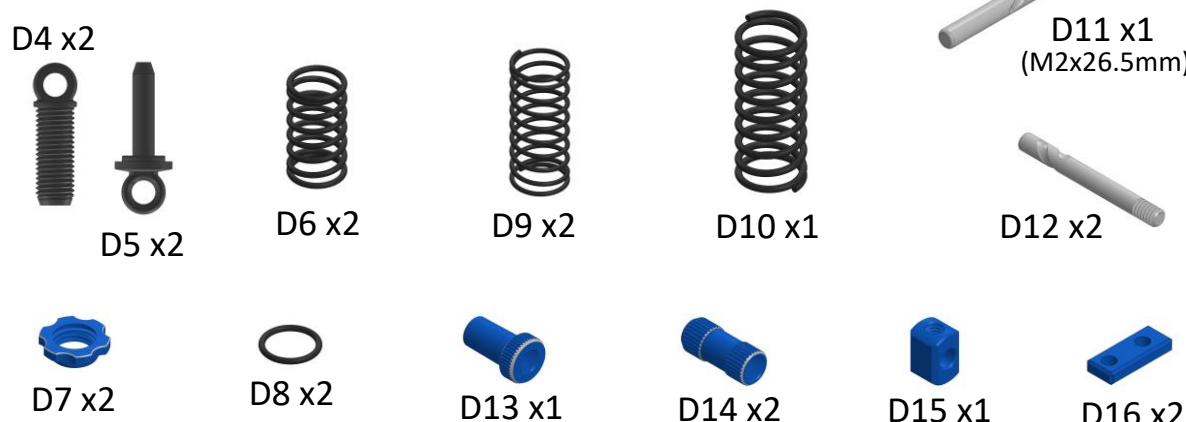
C3-Bag



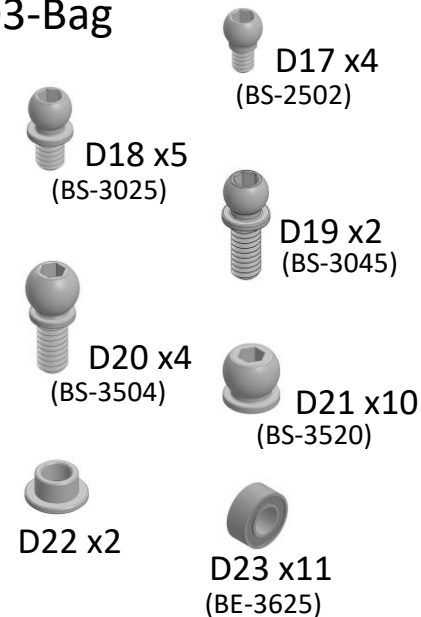
D1-Bag



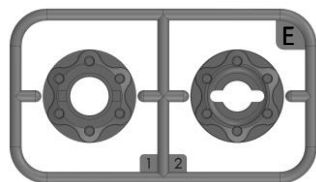
D2-Bag



D3-Bag



E-1 Bag



E1 x1



E2 x1



E3 x1
(Spur Gear 53T)



E4 x2



E5 x10
(M2 Ball)



E6 x1



E7 x1
(BE-3625)



E8 x1
(Rubber Ring)



E9 x1



E10 x1

F-1 Bag



x14
M2x4 KB



x6
M2x4 PB



x19
M2x4 KM



x5
M2x4 PM



x1
M2x3 PM



x2
M2x5 PM



x2
M2x6 KB



x4
M2x6 PB



x1
M2x5 KM



x4
M2x3 KM



x2
M1.2x3 PB



x9
M1.6x4 TM



x2
M3x3 Grub



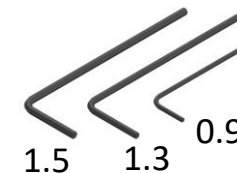
SM3 x5
(2x4x0.1)



SM1 x5
(3x4.5x0.1)



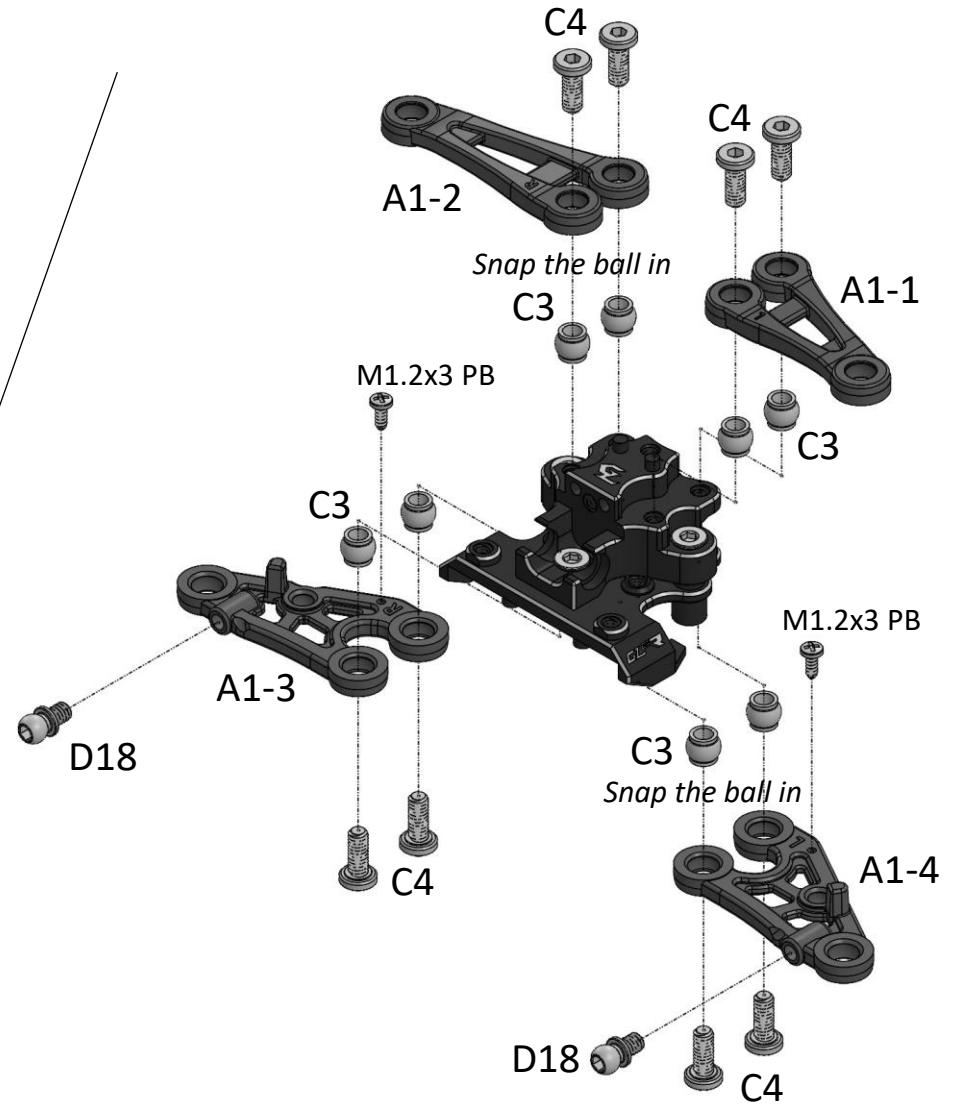
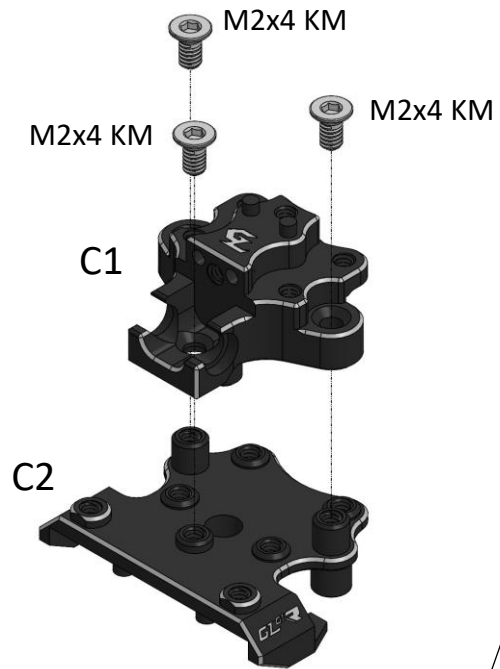
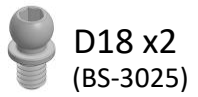
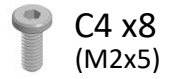
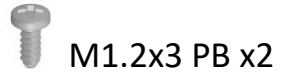
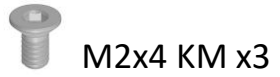
SM2 x16
(2.3x4.4x0.5)

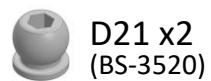


1.5 1.3 0.9



F1 x1





D21 x2
(BS-3520)



M2x3 KM x2



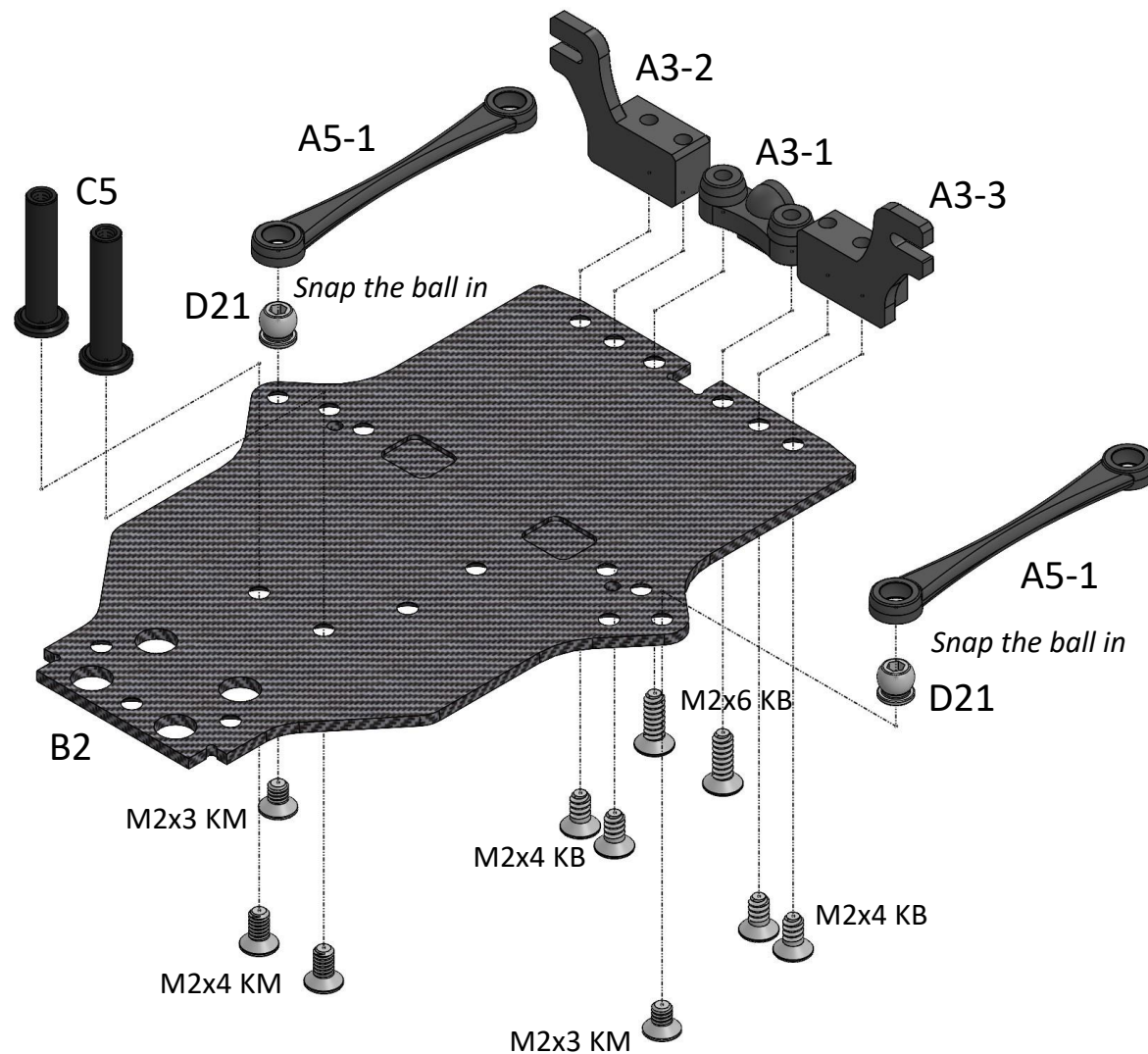
M2x4 KM x2




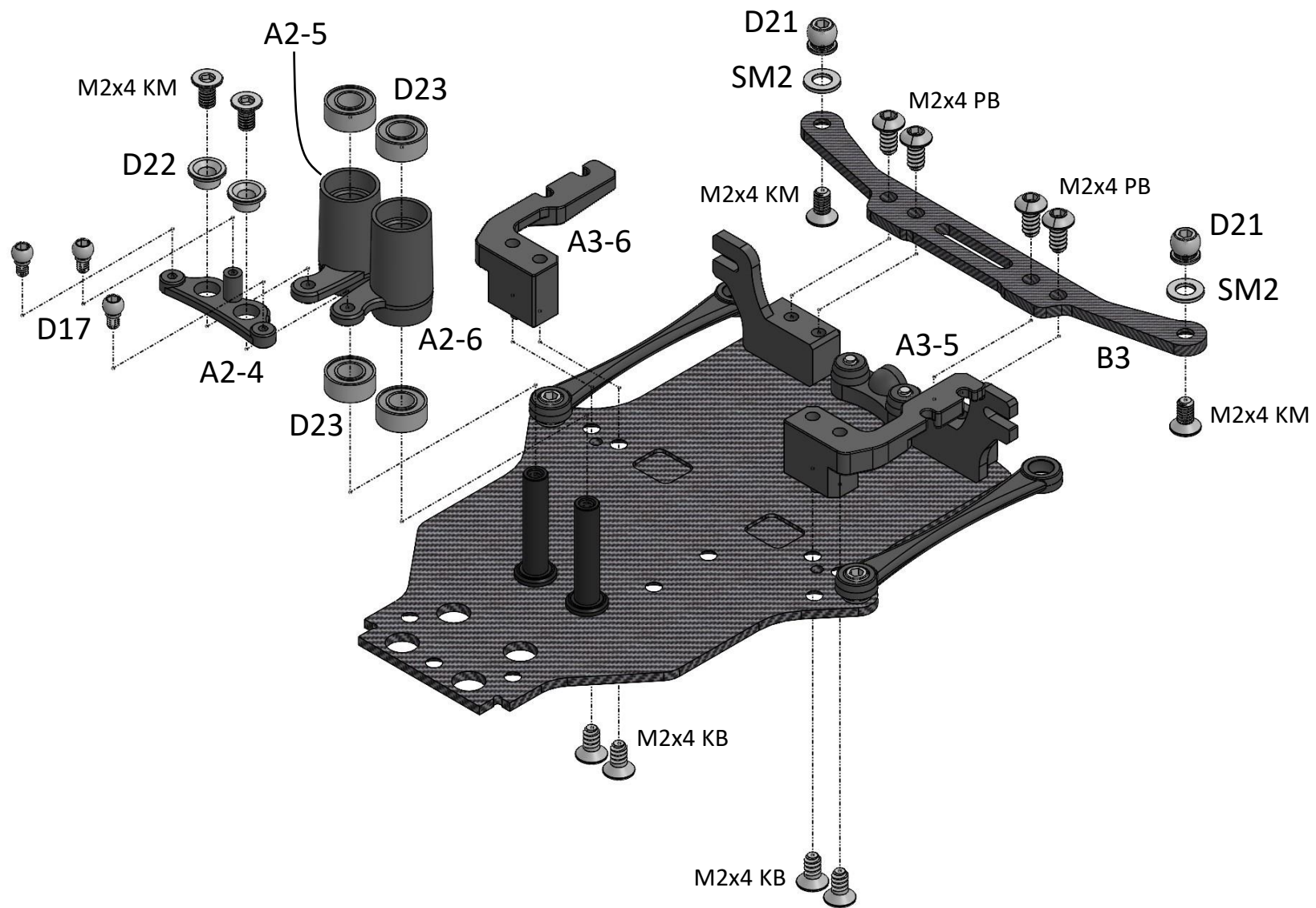
M2x4 KB x4





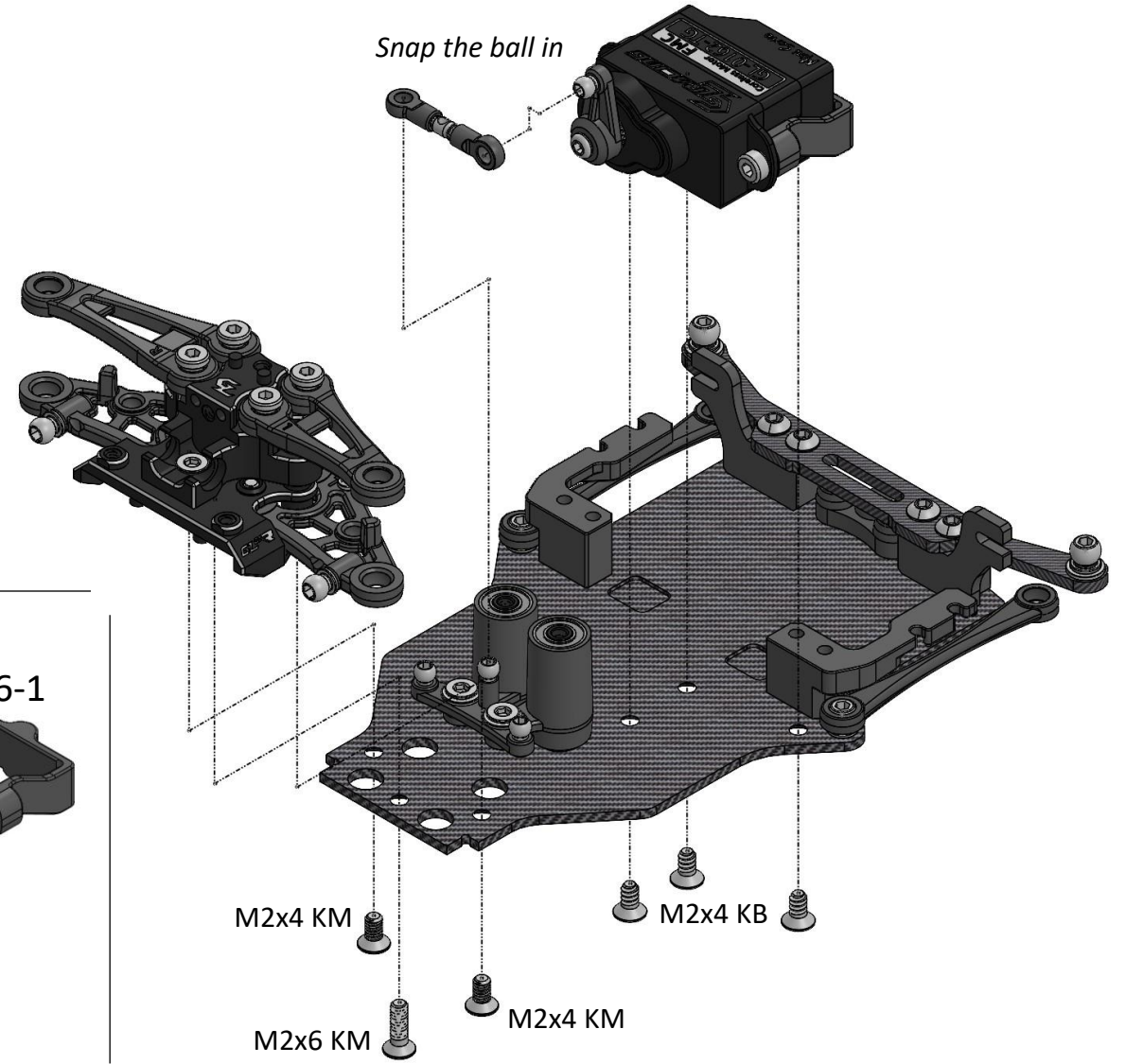
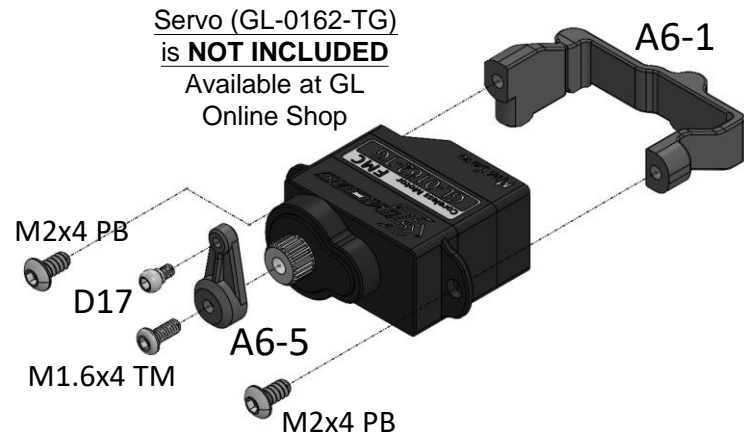
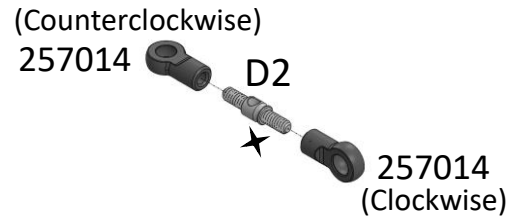
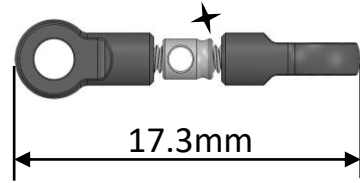
M2x6 KB x2



-  D17 x3
(BS-2502)
-  D21 x2
(BS-3520)
-  D22 x2
-  D23 x4
(BE-3625)
-  SM2 x2
(2.3x4.4x0.5)
-  M2x4 KM x4
-  M2x4 PB x4
-  M2x4 KB x4



-  D17 x1 (BS-2502)
-  8.5mm D2 X1
-  M2x4 PB x2
-  M1.6x4 TM x1
-  M2x4 KB x3
-  M2x4 KM x2
-  M2x6 KM x1



SM1 x2
(3x4.5x0.1)

SM2 x10
(2.3x4.4x0.5)

D20 x4
(BS-3504)

D21 x1
(BS-3520)

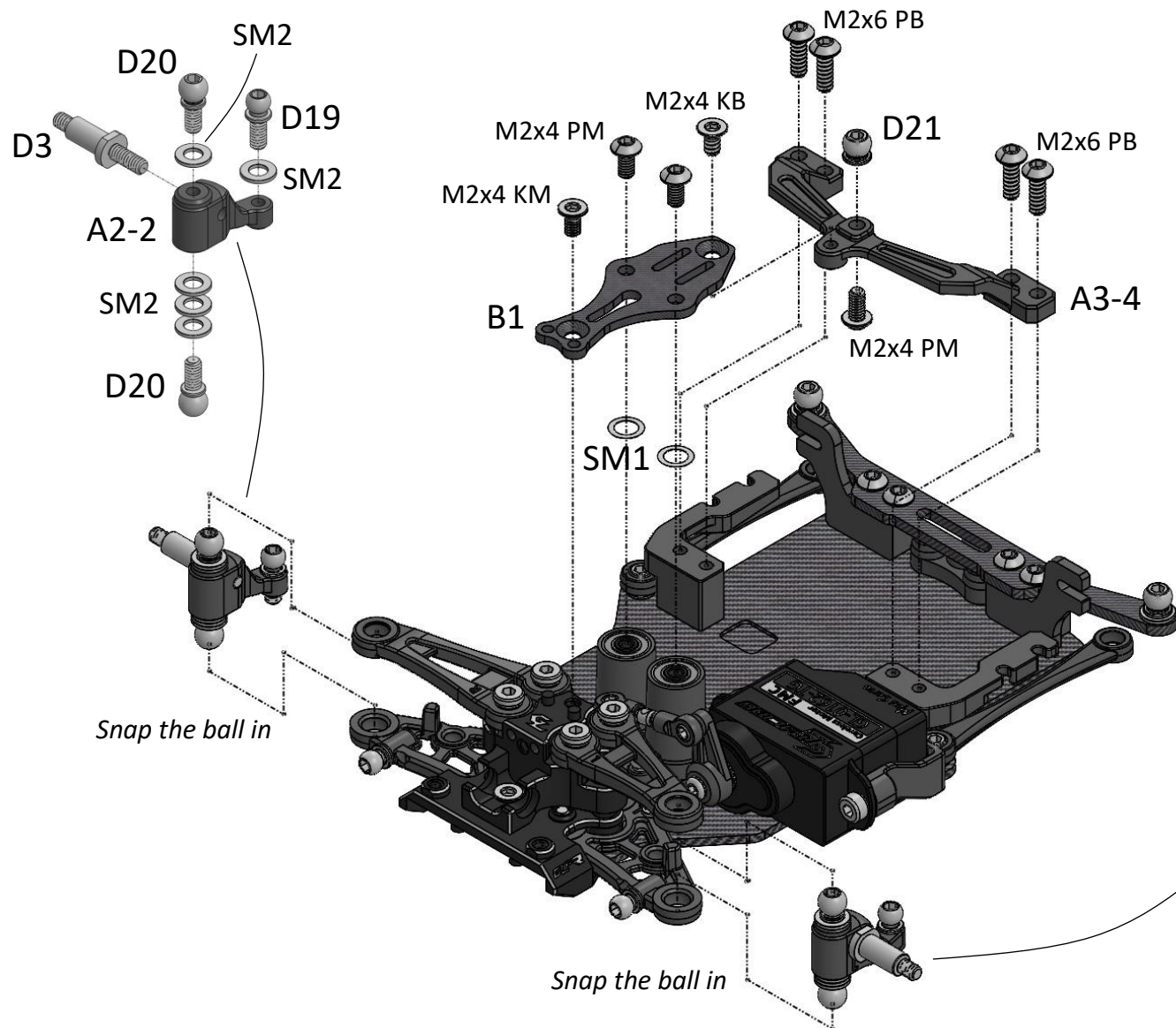
D19 x2
(BS-3045)

M2x4 PM x3

M2x4 KM x1

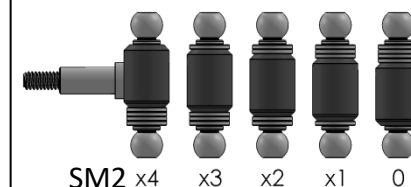
M2x4 KB x1

M2x6 PB x4

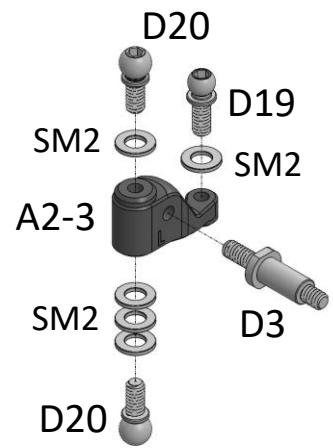





****Front Ride High Adjustment****

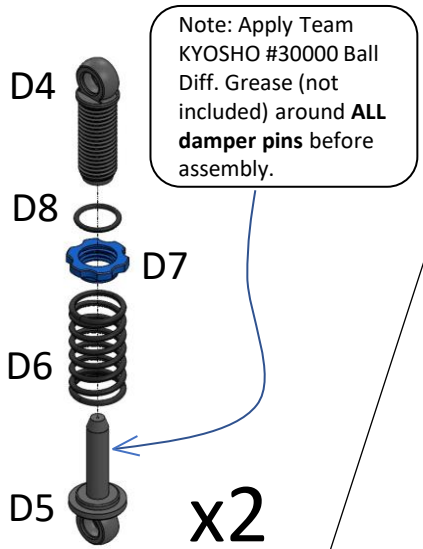
Down ← → UP



Switching the spacer SM2 to top for the adjustment



-  M2x4 KM x1
-  D18 x2 (BS-3025)
-  D1 x2 (12mm)



Notice the orientation

307520

Snap the ball in

Notice the orientation

307520

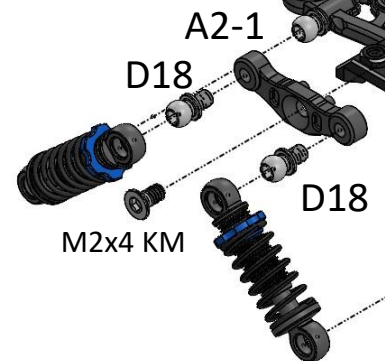
257020 (Counterclockwise)

x2

D1

307520 (Clockwise)

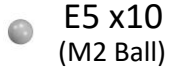
← 21.9mm →



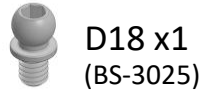
Snap the ball in



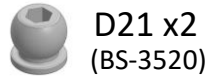
D23 x1
(BE-3625)



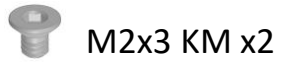
E5 x10
(M2 Ball)



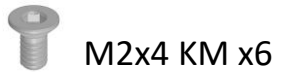
D18 x1
(BS-3025)



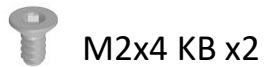
D21 x2
(BS-3520)



M2x3 KM x2



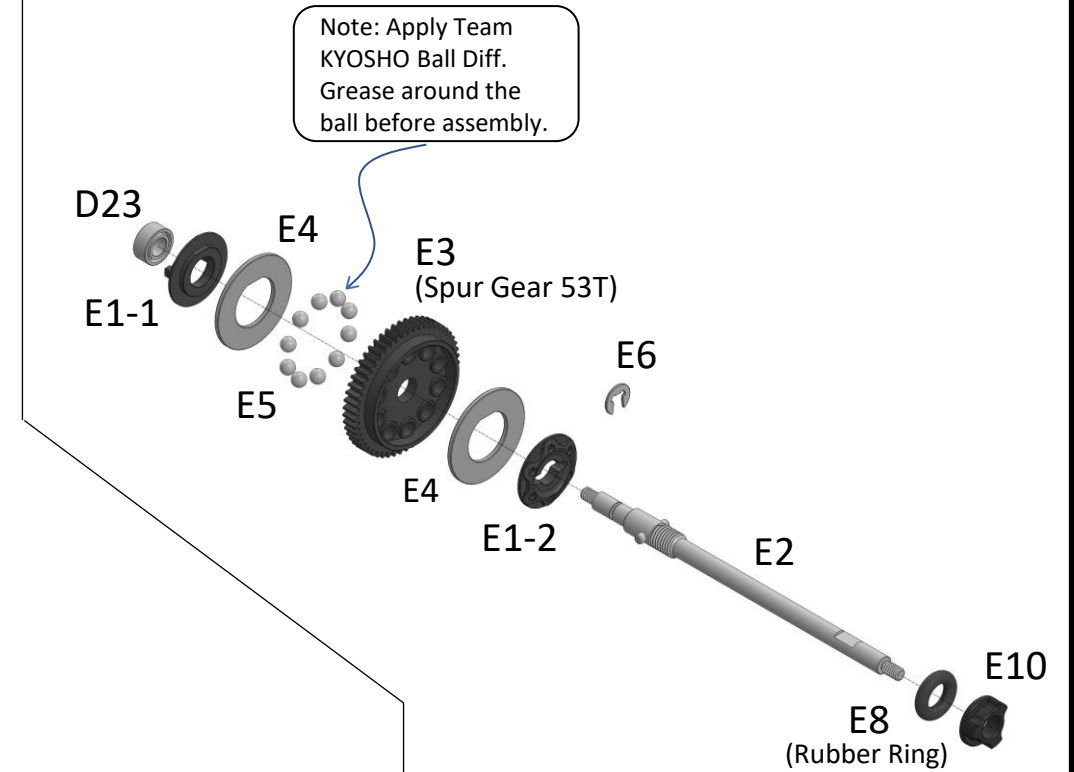
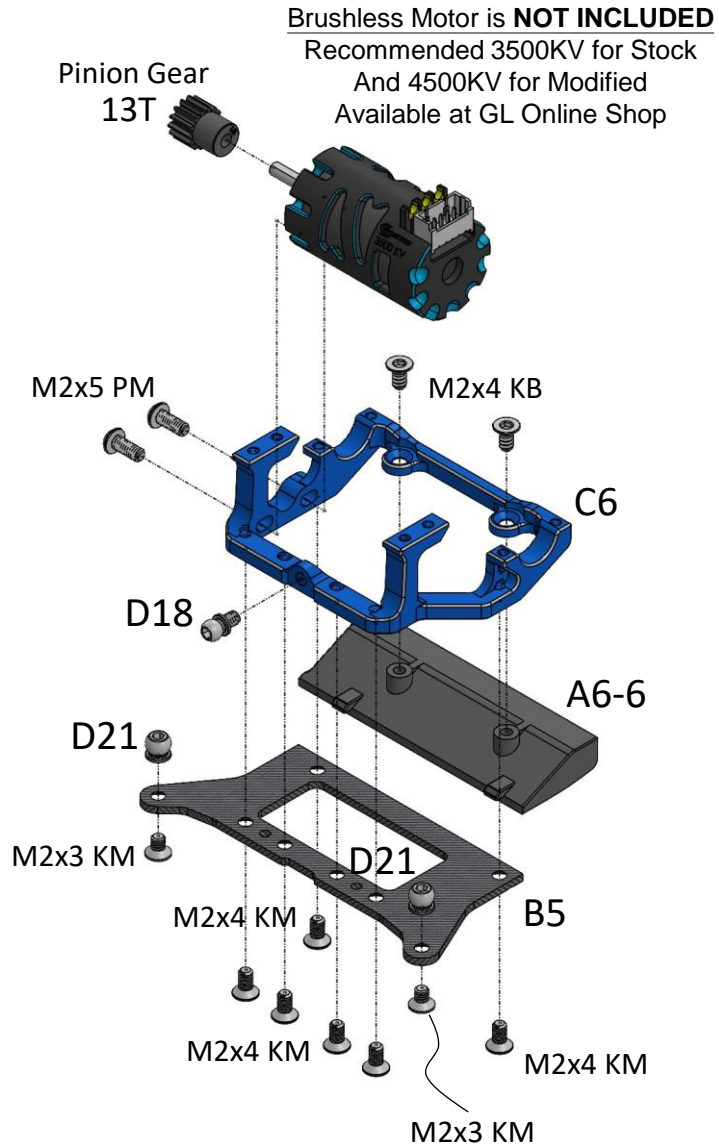
M2x4 KM x6



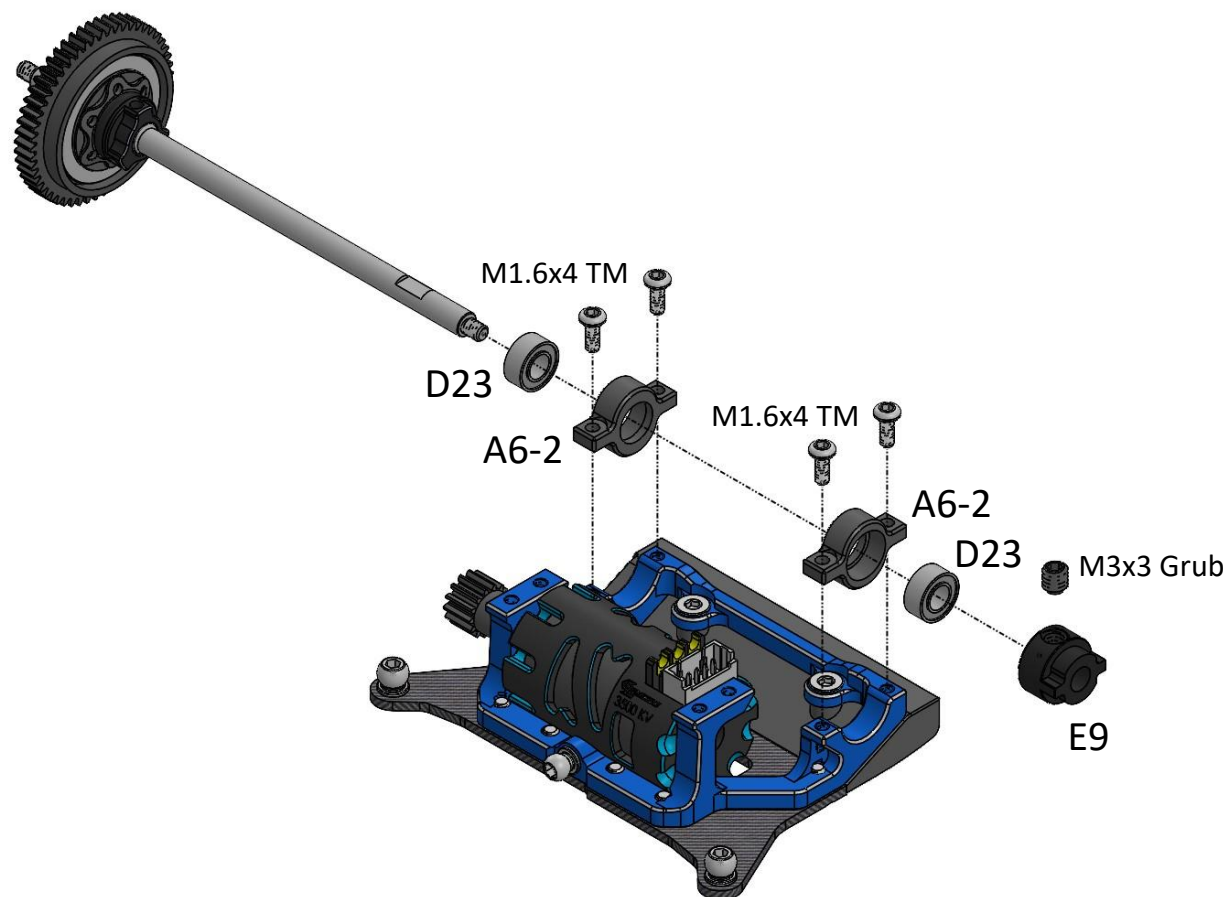
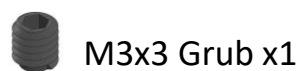
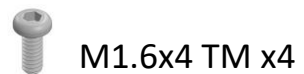
M2x4 KB x2



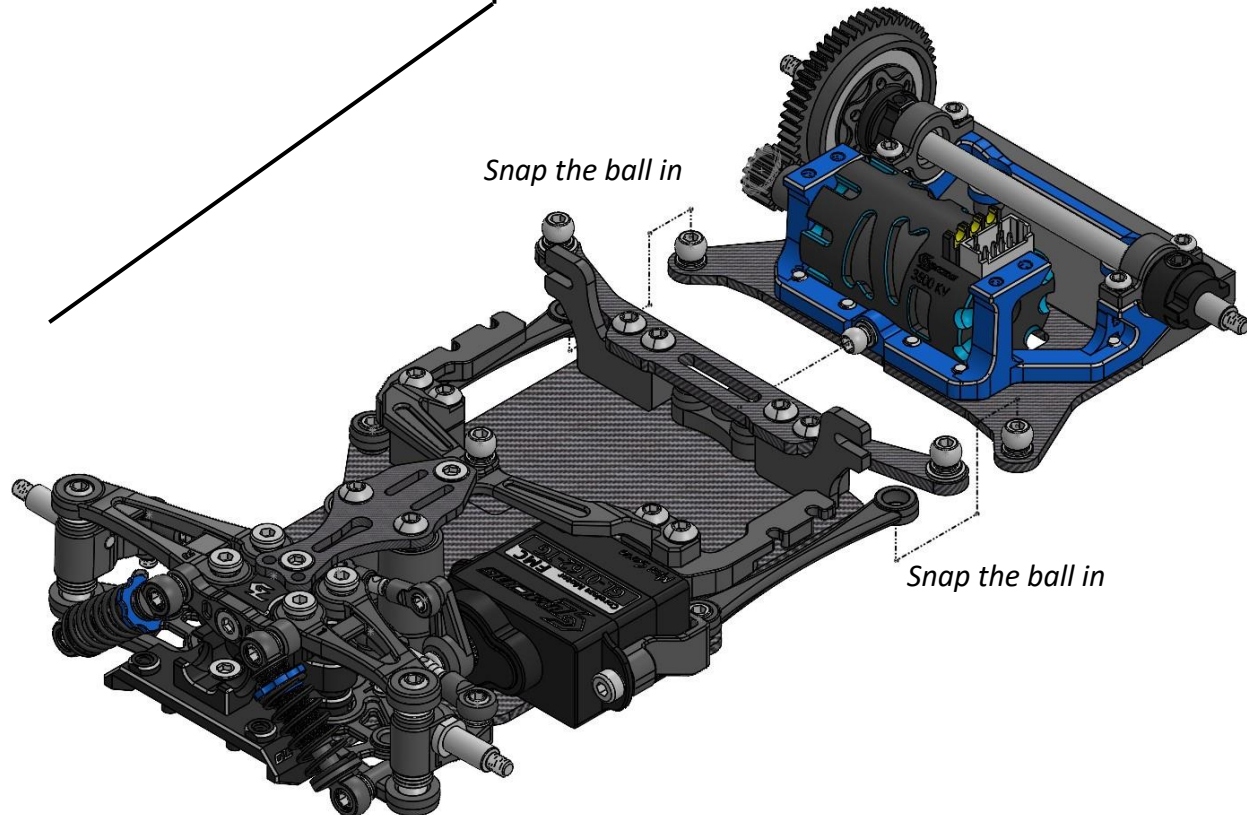
M2x5 PM x2



GL GTR Gear Ratios				
	51	52	53	54
9	5.67	5.78	5.89	6.00
10	5.67	5.20	5.30	5.40
11	4.64	4.73	4.82	4.91
12	4.25	4.33	4.42	4.50
13	3.92	4.00	4.08	4.15
14	3.64	3.71	3.79	3.86

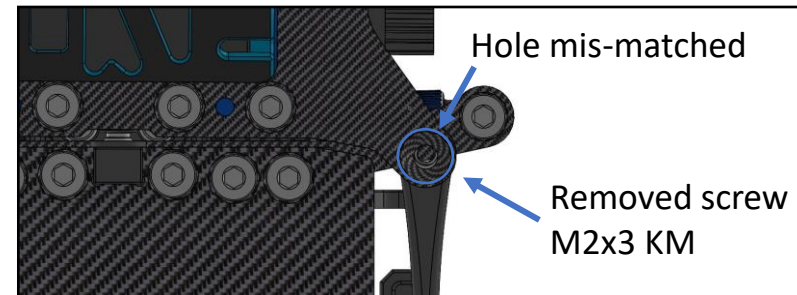


SM3
(2x4x0.1)



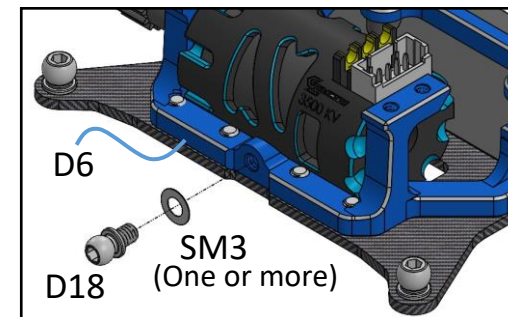
Once 3 ball joints are snapped then check the rear part are moving freely. If not, follow the below step to fix it.

1. Keeping 3 joints are snapped. Remove either M2x3 KM screw (see Pic1). You may see the screw hole (D21) is mis-matched with B5.



Pic1

2, In this case, apply SM3 (2x4x0.1) in between of D18 and C6 (see Pic2). Until you see the screw hole (D21) in centered with B5.

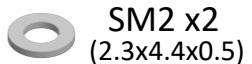


Pic2

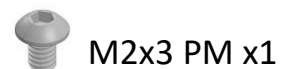
3, Reinstalled the screw M2x3 then check again rear part that can be moving freely now. If not, go back to step 1.



D21 x3
(BS-3520)



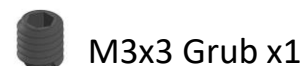
SM2 x2
(2.3x4.4x0.5)



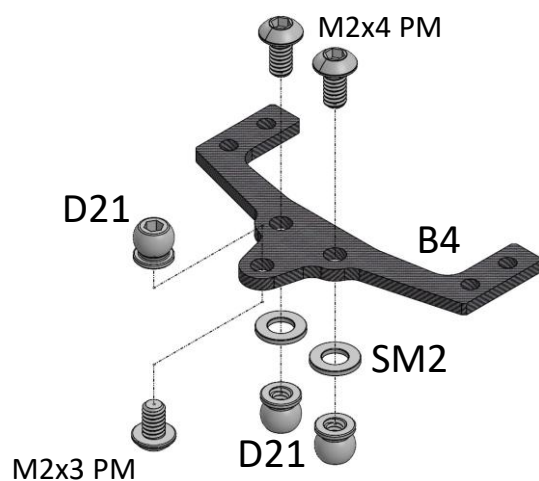
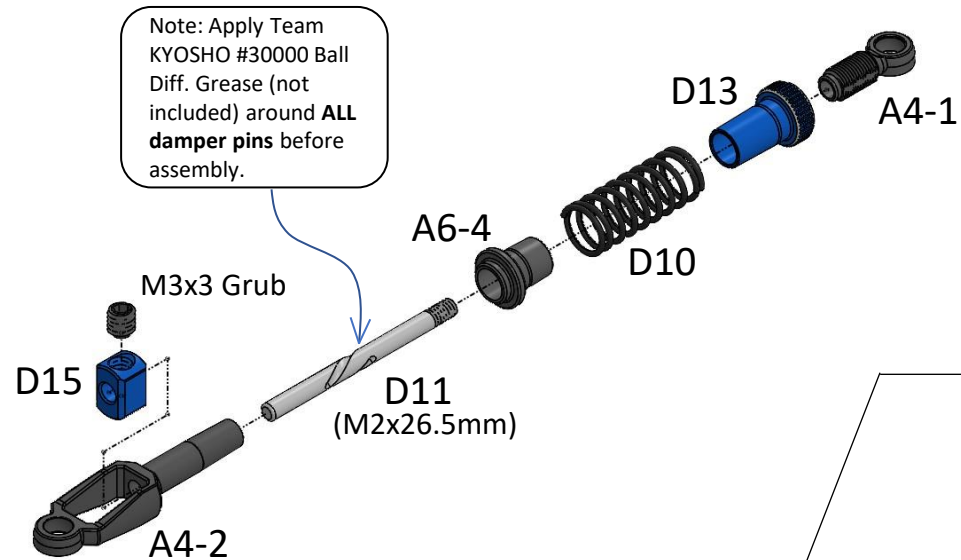
M2x3 PM x1



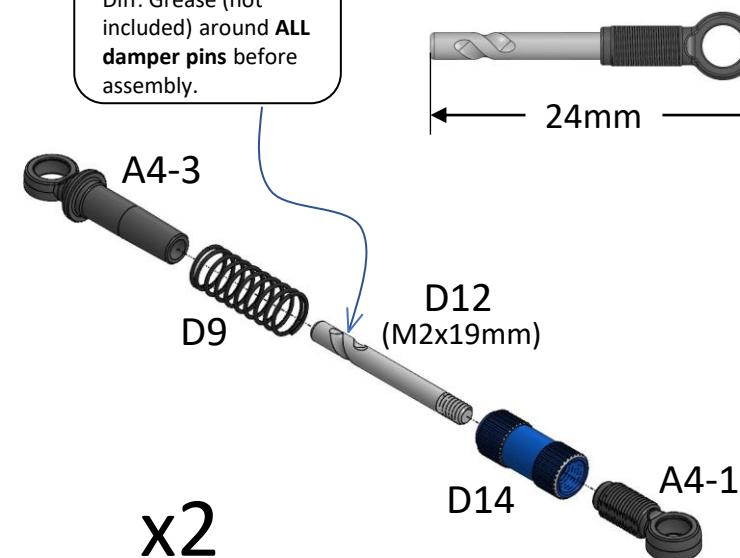
M2x4 PM x2



M3x3 Grub x1

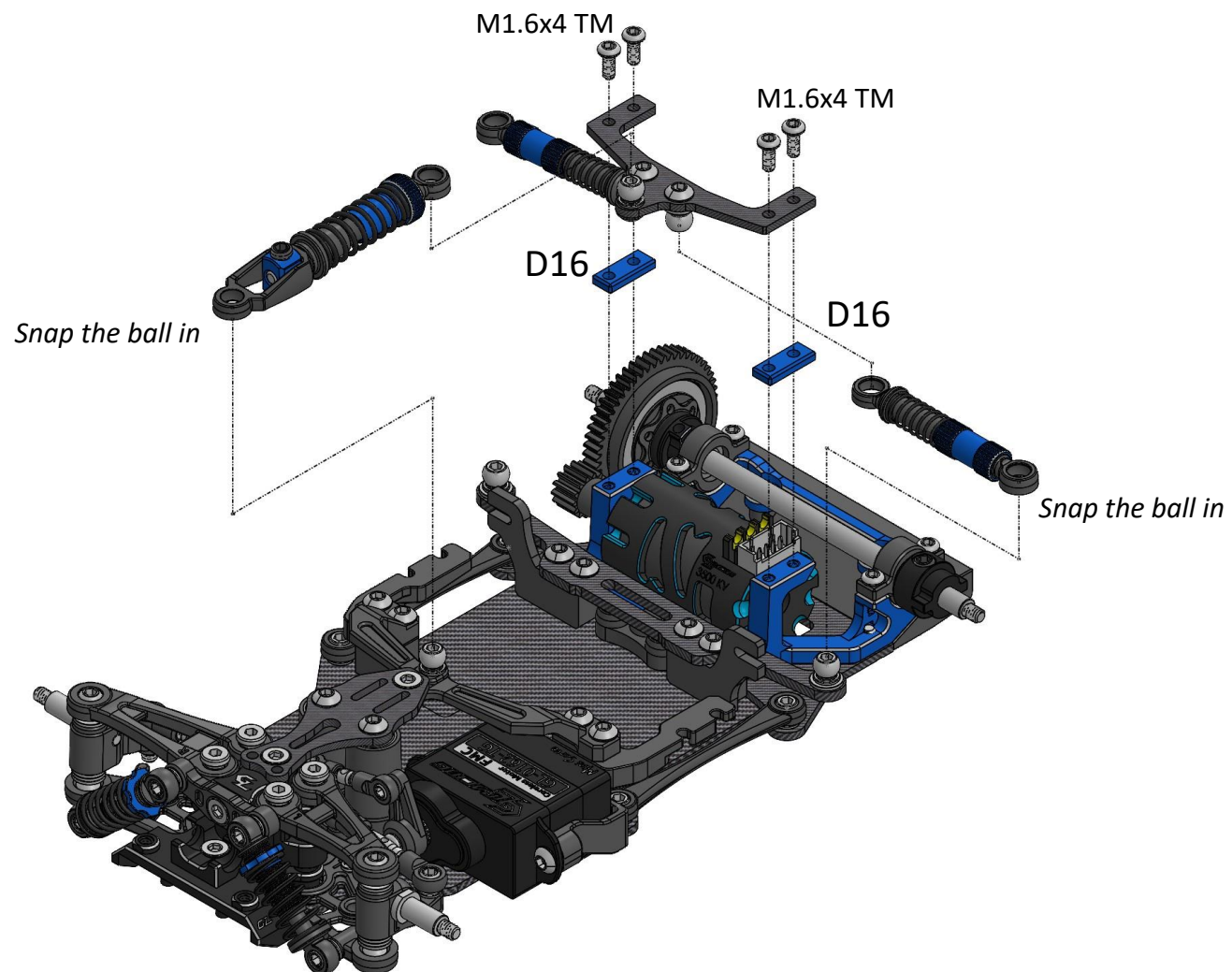


Note: Apply Team KYOSHO #15000 Ball Diff. Grease (not included) around **ALL damper pins** before assembly.





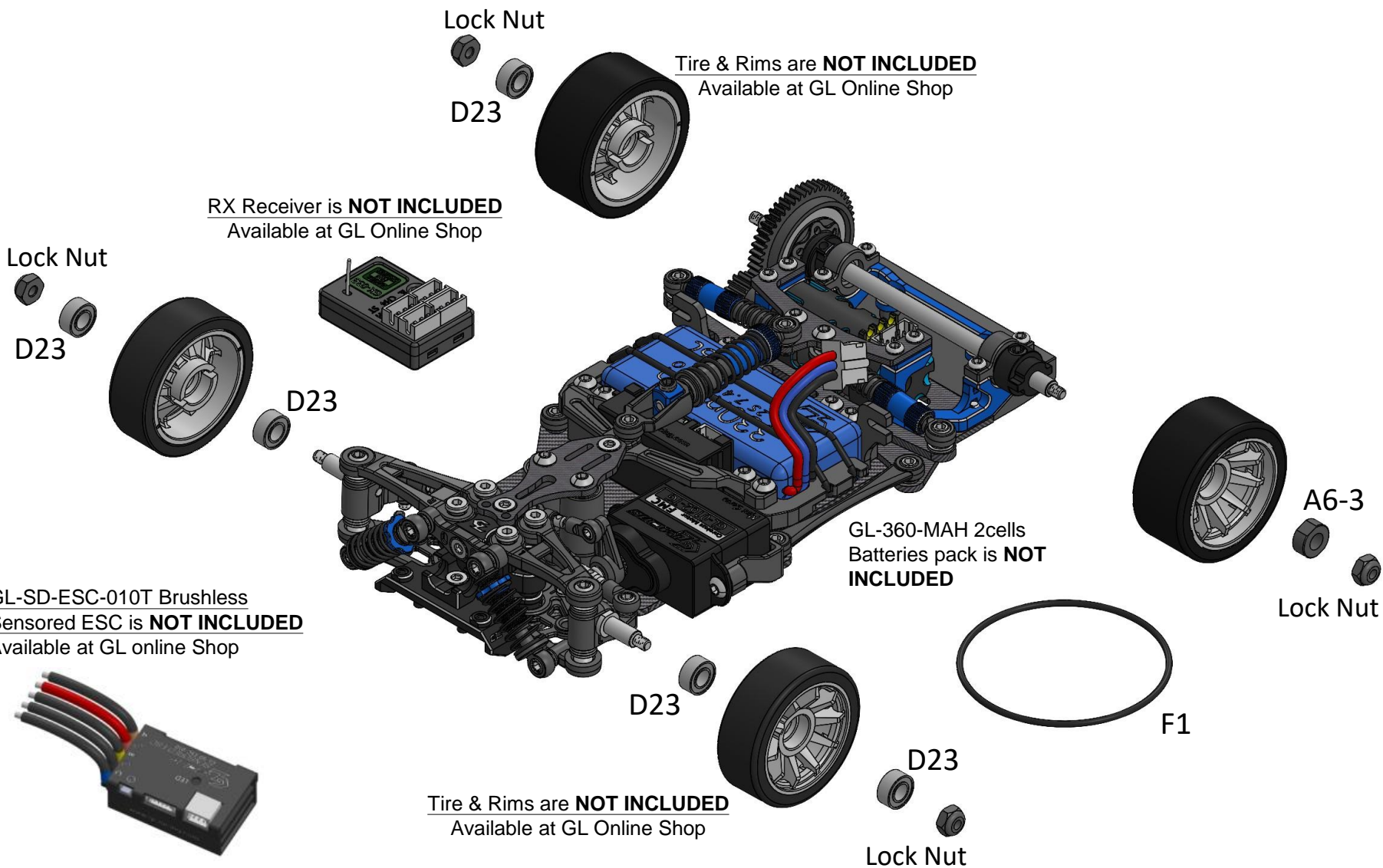
M1.6x4 TM x4



D23 x5
(BE-3625)



Lock Nut x1



Lock Nut



D23

Tire & Rims are **NOT INCLUDED**
Available at GL Online Shop

RX Receiver is **NOT INCLUDED**
Available at GL Online Shop

Lock Nut



D23

D23

GL-SD-ESC-010T Brushless
Sensored ESC is **NOT INCLUDED**
Available at GL online Shop



GL-360-MAH 2cells
Batteries pack is **NOT INCLUDED**

A6-3



Lock Nut

D23

Tire & Rims are **NOT INCLUDED**
Available at GL Online Shop

D23



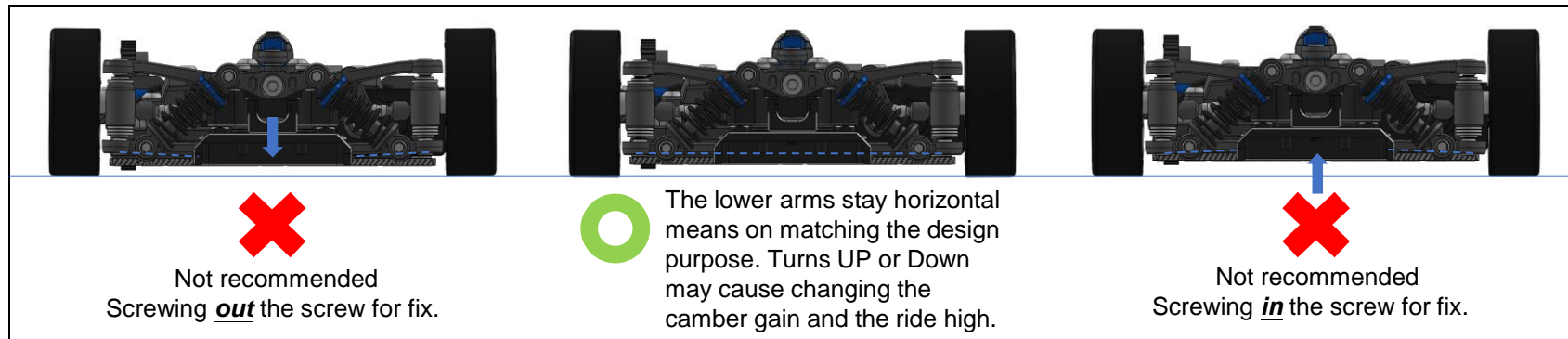
Lock Nut

F1

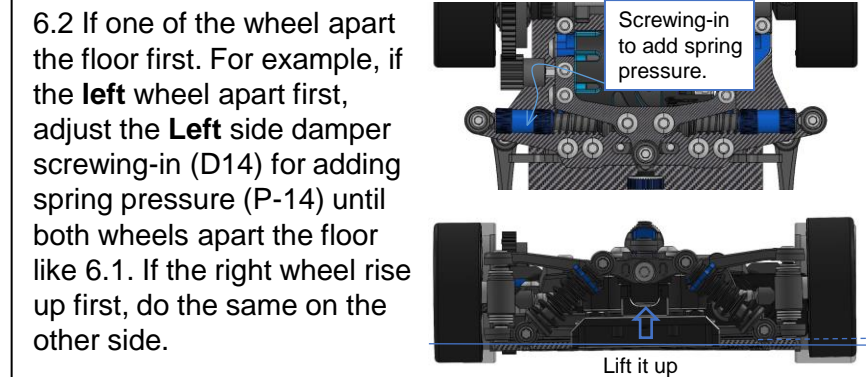
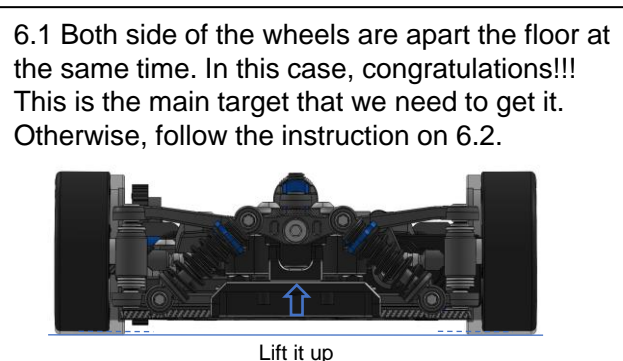
GL GTR basic setup/assembly tips on RCP Track

- 1, Check all the ball joints and movement parts are moving freely. Especially motor and sensor wire are installed.
- 2, Check the Rear-Subframe can move very freely after assembly, apply shim (SM3) amount for best free movement. Please refer to P-13 for more setup and assembly details.
- 3, Applying suitable grease on ball differential (P-11) and Shocks (P-14) which is as thinner as possible and just wrap around the pin is enough. Don't put too much for being maintain frequency.
- 4, Tire around the Rims (P-16) must be fixed with Superglue (Aron Alpha).
- 5, Set the front lower arms both left and right in horizontal. See below Pic 5.1. Using cross type screw driver to adjust the screw which is located in front lower arm. See page 5 (M1.2x3 PB). **NO DROOP IS REQUIRED IN FIRST SETUP.** Applying droop may cause steering sensitive which depends on the traction of the RCP track.

Pic 5.1



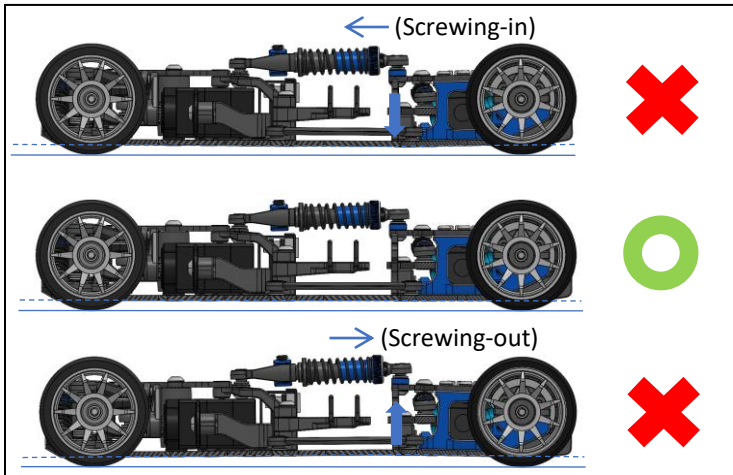
- 6, Check the chassis left / right balance. Install wheels in same diameter and place on flat floor. Lift the front up to see left and right wheels apart from the floor, you will see 2 situation below.



Tips: If the car is new or just rebuilt, suggest to do point 6 first then to plug sensor and soldering motor wire. It will affect the result if the length of all wires are not suitable. It means that if you did nothing wrong, you will have the same result after all wires installed.

- 7, Keeping the spring preload on **SIDE DAMPER**. The spring should be kept in touch on both end during extend and depress in valid of travelling. This issue may help to get chassis running stable. Any of swapping or adjusting the spring tension to the side damper, go back to check the point 6 to ensure the chassis balance.
- 8, Setting the chassis Front and Rear are staying straight. Release the D15 first (page 14). Follow the Pic 8.1 below. If all done, don't forget to tighten the D15.

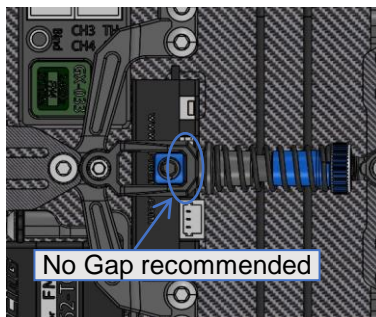
Pic 8.1



- Waist Down
 If the situation is on the left, screwing-in (add pressure) the D13 (see page 14) until the chassis Front and Rear going straight.
- Waist up
 If the situation is on the left, screwing-out (depress) the D13 (see page 14) until the chassis Front and Rear down to straight.

- 9, Adjust with NO DROOP on Central Shock. See pic 9.1.

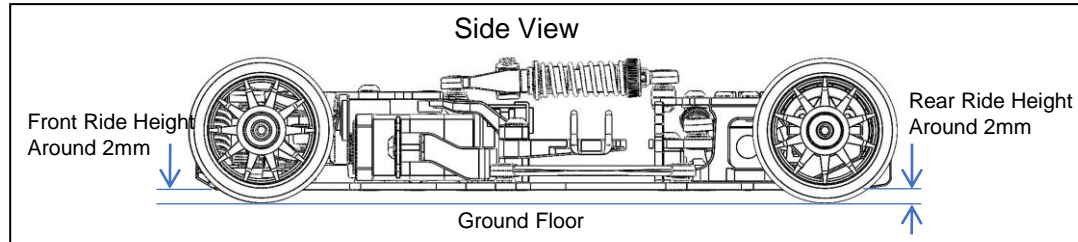
Pic 9.1



Adjust the D15 (page 14) with NO gap but need to keep the point 8 Front and Rear chassis in straight. This Gap = Droop for having unstable in all the time running on the high traction RCP track.

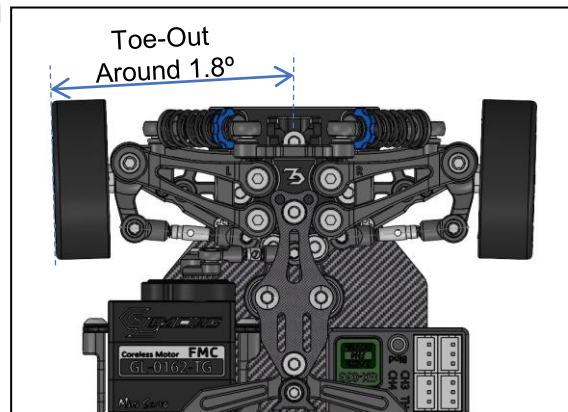
10, Adjusting ride high around **2mm** on front (P-9) and rear before run. See pic 10.1.

Pic 10.1



11, Adjust the length of Steering Rods (P-10) in between 21.9mm to 22.2mm. See Pic 11.1. Shorter may cause toe-out (recommended) for stable in cornering and running straight. Adjust it longer may cause less toe-out angle for steering sensitive.

Pic 11.1



Steering Rod length

21.9mm is around toe-out degree 1.8 per side (for beginner)

22.2mm is around toe-out degree 0.15 per side (for expert)

12, For beginner: Motor 2500KV, Front Tire GT0001-S19/GT0001-S20, Rear Tire MZR-V1R05/MZR-V1R10.

13, For stock: Motor 3500KV, Front Tire GT0001-S18.5/GT0001-S19. Rear Tire MZR-V1R05/MZR-V1R10.

14, For modified: Motor 4500KV or above, Front Tire GT0001-S18/GT0001-S18.5, Rear Tire MZR-V1R05/MZR-V1R10.

15, After the body shell installed (Auto Scale or Lexan) to the chassis, check all the moving parts and steering turned be freely before run.

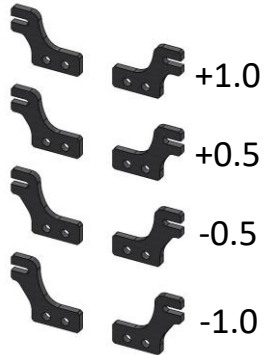
GLR-GT Options



GL GTR Anti Roll Bar
GL-GTR-OP-006



GL GTR Adjustable
Carbon Side Mount
GL-GTR-OP-017



GL GTR Front Shock Tower
GL-GTR-OP-007



GL GTR Servo Saver
GL-GTR-OP-004



GL GTR Metal Piston Rod
GL-GTR-OP-005



GL GTR Sensor Case
GL-GTR-OP-019



GL GTR Steering Hub
GL-GTR-OP-009-0



GL-GTR-OP-009-1
1°



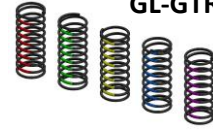
GL-GTR-OP-009-2
2°



GL GTR Battery Mount
GL-GTR-OP-014



GL GTR Option Side Spring
GL-GTR-OP-002



GL GTR Carbon Side Damper
Mount with stand post
GL-GTR-OP-012



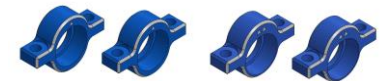
GL GTR Brass Chassis
GL-GTR-OP-010



GL GTR Rear Shell Post Mount
GL-GTR-OP-016



GL GTR Rear Ride High Mount
GL-GTR-OP-015



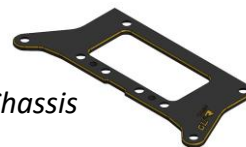
GL GTR 102mm conversion kit
GL-GTR-OP-018



GL-GTR-OP-008
GL GTR Alu. Servo Mount (0162)



GL-GTR-OP-011
GL GTR Brass Chassis
(Rear 98mm)



GL-GTR-OP-013
GL GTR Brass Chassis
(Rear 102mm)

