

icon²

schumacher formula



Instruction Manual ISS01



www.racing-cars.com

Schumacher

71-73 Tenter Road
Moulton Park
Northampton
NN3 6AX

ICON²

IMPORTANT SAFETY NOTES

- We strongly recommend that anyone driving RC cars, or organising events, should obtain third party liability insurance. In the UK this can be done by joining the BRCA. www.brca.org
- This product is not suitable for children under the age of 14, without the direct supervision of a responsible adult.
- Select an area for assembly that is away from the reach of small children.
- The parts in this kit are small and can be swallowed by children causing choking and possible internal injuries.
- Exercise care when using hand tools and sharp instruments during assembly.
- Carefully read all manufacturers warnings and cautions for any additional items used in the construction.
- In line with our policy of continuous development the exact details of the kit may vary.
- DO NOT use this car on public roads or in places where it can interfere with traffic, people or animals.
- Always check the operation of the radio with the wheels off the ground, before using the car.
- Make sure the radio and car batteries are fully charged before use.
- Disconnect and remove the battery from the car when not in use.
- Always store and charge LiPo batteries in a fireproof container.
- DO NOT put fingers or any objects inside rotating or moving parts as this may cause injury.
- Make sure the charger is correctly set for the type of battery you are using.
- Incorrect charging may cause a fire.
- Insulate all exposed electrical wiring. Exposed or damaged wires can cause short circuits and fire.
- The motor and speed controller can become hot during use. DO NOT touch them immediately after using your car as this may cause injury.

ADDITIONAL ITEMS REQUIRED



Radio Equipment



Motor and Pinion Gear



2S Shorty LiPo



Battery Charger



Steering Servo



Electronic Speed Controller



Pro Tyre Glue



Polycarbonate Paint



Wheels, Tyres and Inserts

TOOLS REQUIRED

1.5mm Hex Driver - U2789

2.0mm Hex Driver - U2790

2.5mm Hex Driver - U2791

3.0mm Hex Driver - U2792

5.5mm M3 Nut Driver - U2795

7.0mm M4 Nut Driver - U2796

Body Reamer - U2818

Pliers - CR528

Side Cutters - CR527

Soldering Iron - CR275

Solder - CR655

Curved Scissors - CR044

3.5mm Phillips Driver - AM140134



ICON KEYS

LITHIUM GREASE

CORE RC High Performance Lithium Grease 10ml - CR752

THREAD LOCK

CORE RC Medium Thread Lock 3ml - CR520

CA GLUE

CORE RC 522 Pro Tyre Glue 20g + 2 Nozzles - CR522



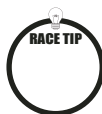
Caution/Important note. Please read.

LH

Left-Hand Side of car

RH

Right-Hand Side of car



Additional information that will help you build a faster race car.



Set up Sheet - Refer to page 24.


www.racing-cars.com

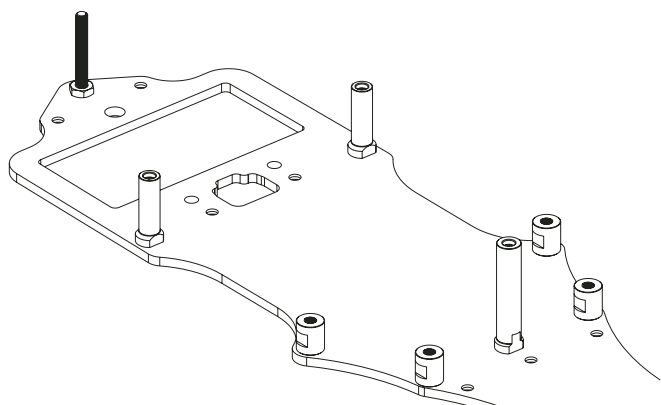
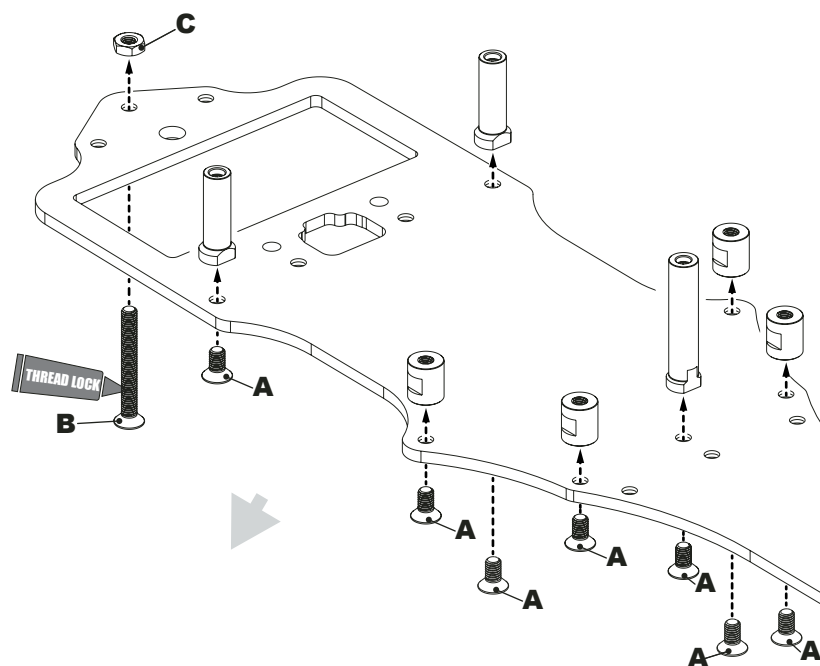

ICON²

Step 01

A x7
M3x 6 Csk Hd Screw

B x1
M3x 25 Csk Hd Screw

C x1
M3 Nut



Step 02

A x2
M3x 5 Csk Hd Screw

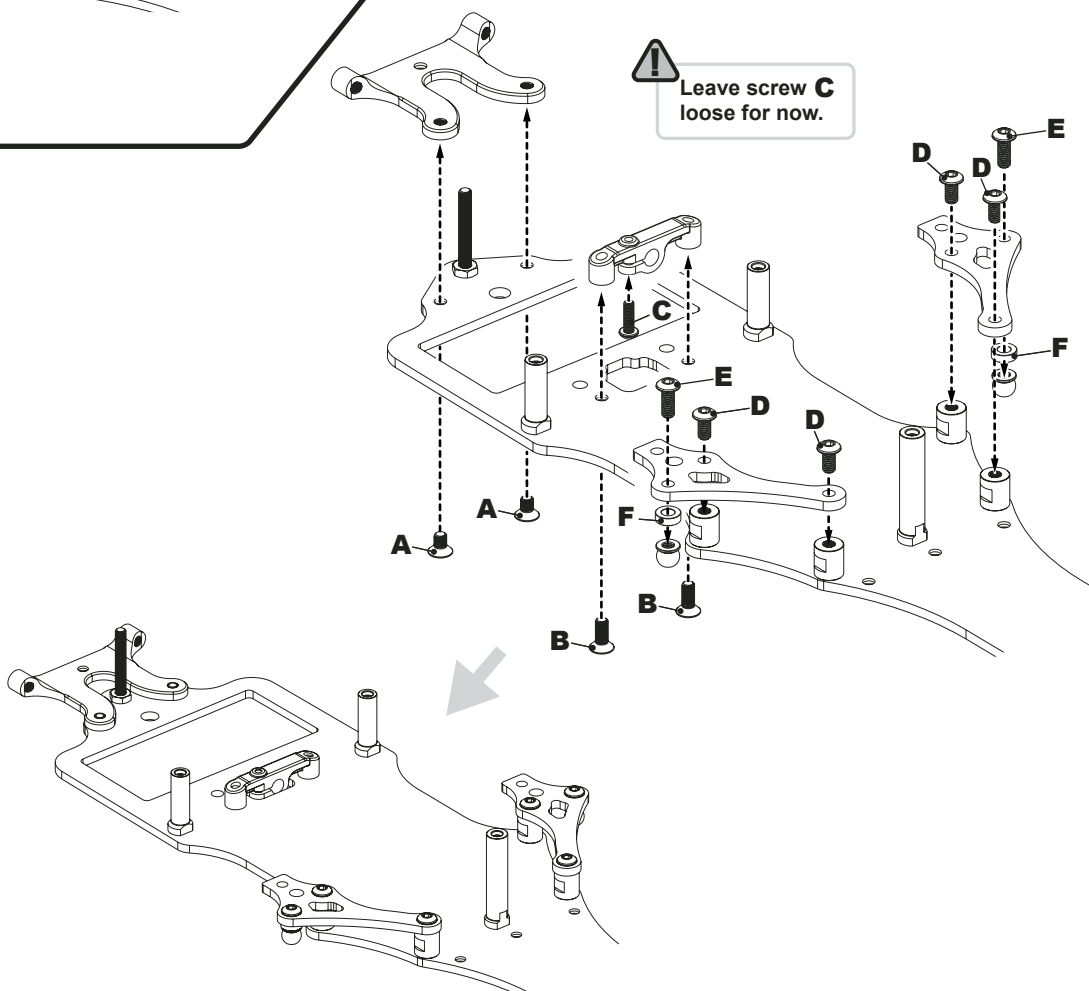
B x2
M3x 8 Csk Hd Screw

C x1
M2.5x 8 Button Hd Screw

D x4
M3x 6 Button Hd Screw

E x2
M3x 8 Button Hd Screw

F x2
Black Spacer 2mm



ICON²

Step 03

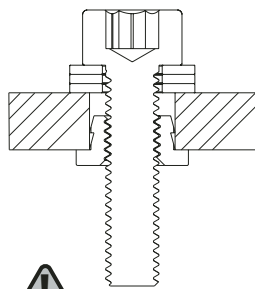
A x4
M3x 6 Csk Hd Screw

B x2
M3x 6 Button Hd Screw

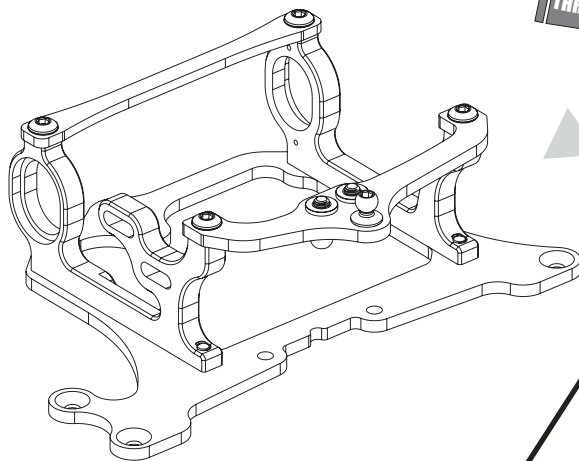
C x2
M3x 4 Button Hd Screw

D x4
M3 Thread Insert

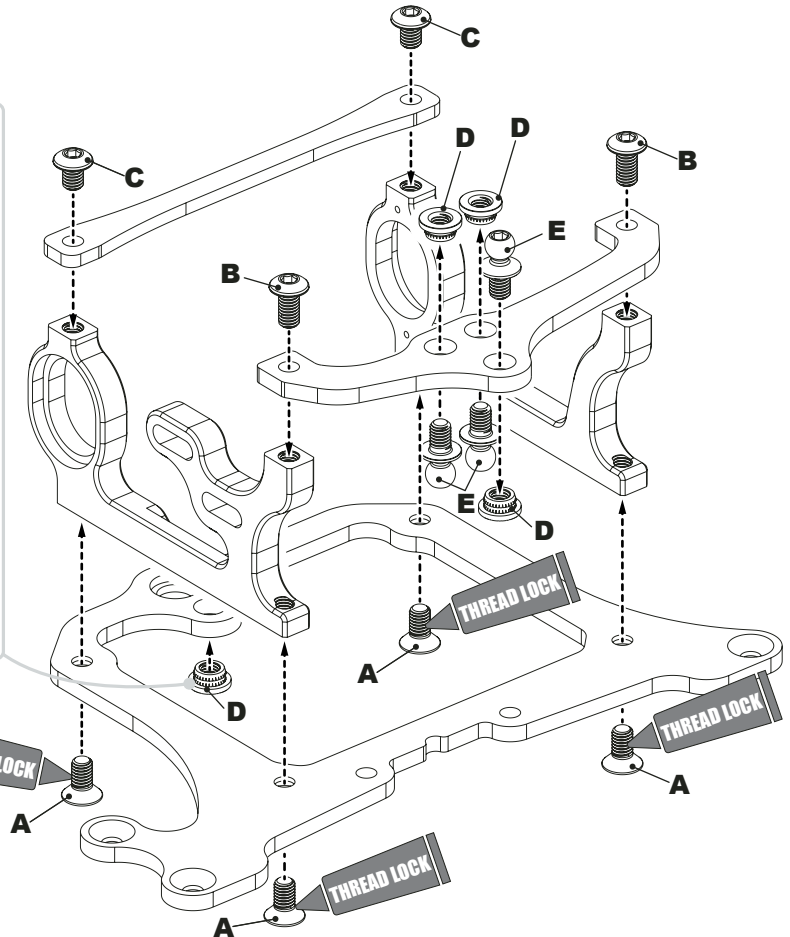
E x3
Ultra Short Ball Stud Low



!
Use the M3x12 Cap head screw and washers to fit the inserts. Tighten the screw until the M3 thread insert **D** is pulled into the carbon fibre part as shown.



THREAD LOCK



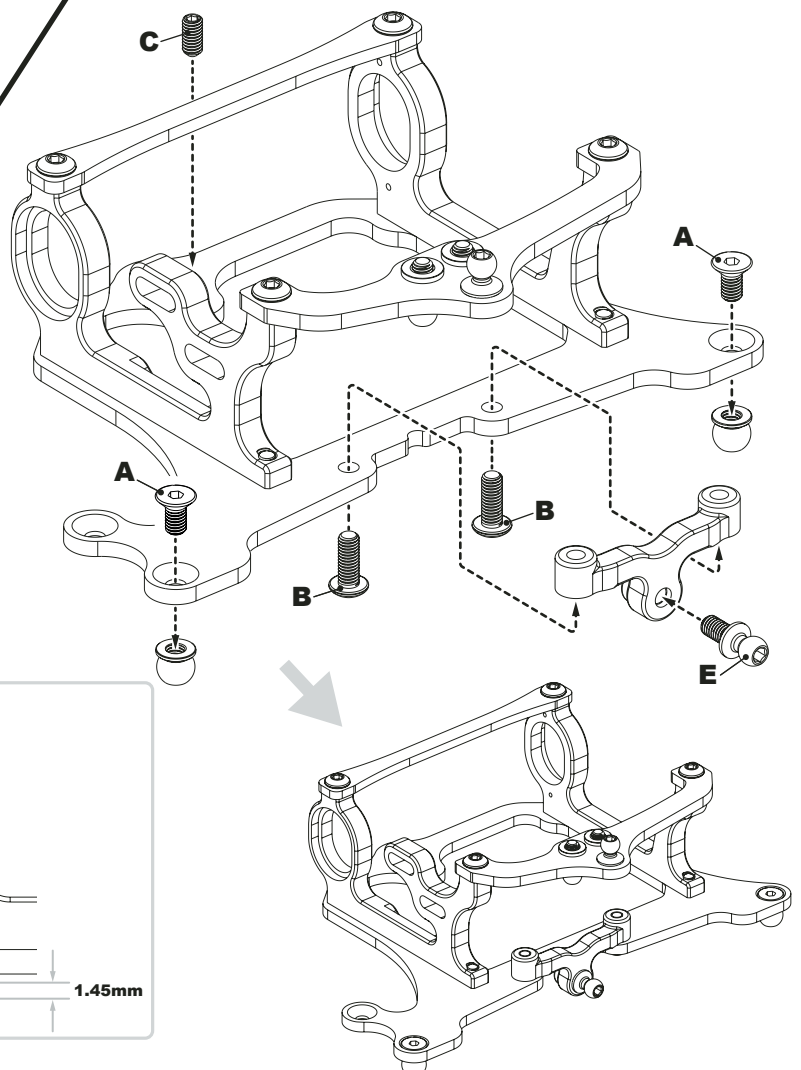
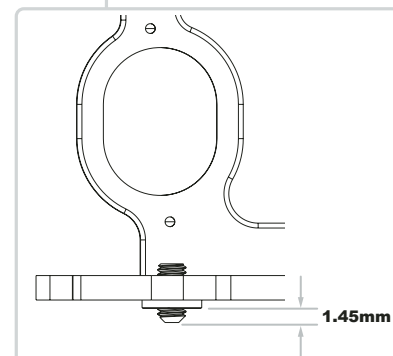
Step 04

A x2
M3x 6 Csk Hd Screw

B x2
M3x 8 Button Hd Screw

C x1
M3x 6 Grub Screw

E x1
Short Ball Stud



ICON²

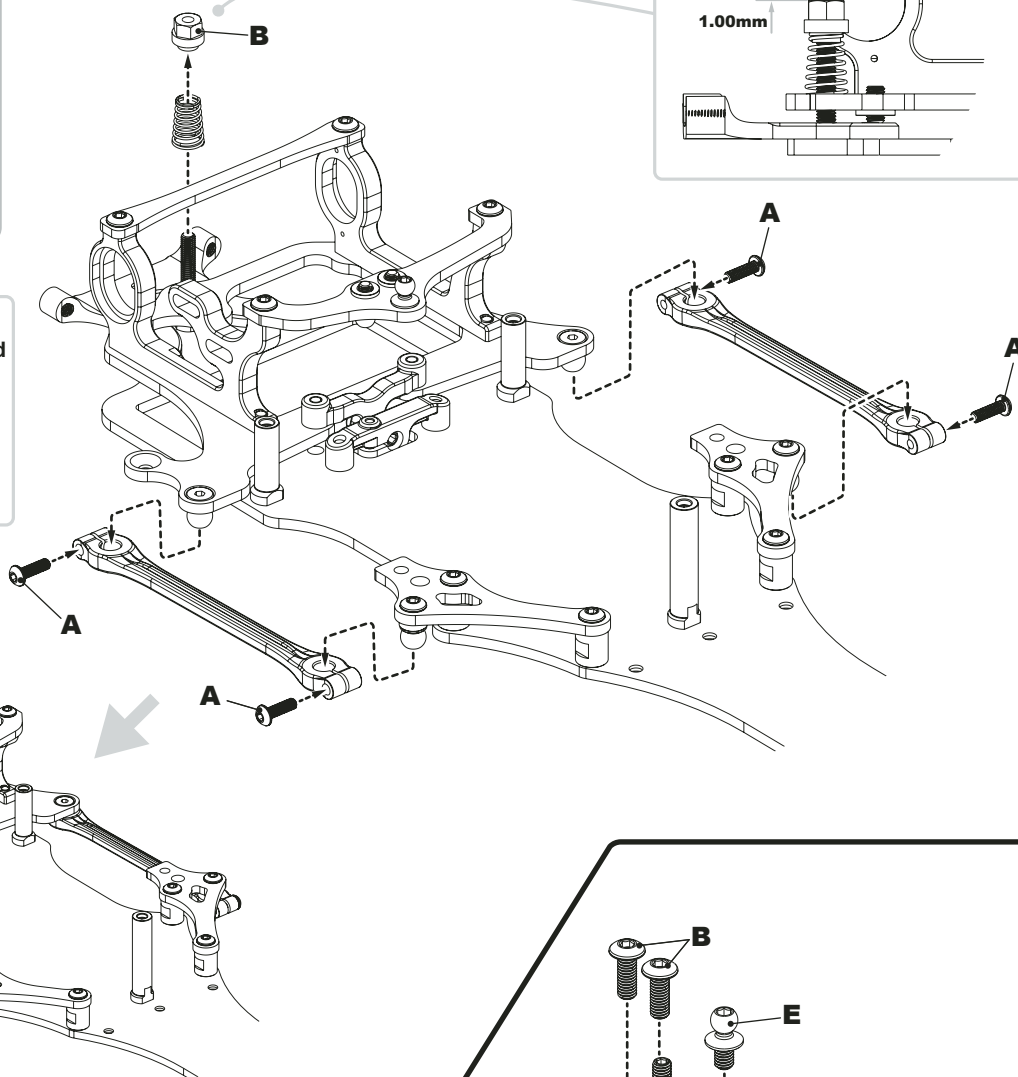
Step 05

A x4
M2.5x 8 Button Hd Screw

B x1
Plastic M3 Nut



Tighten screws **A** until the side link just begins to bind on the pivot balls. Then undo the screws 1/2 a turn. Ensure the side links can pivot freely. Also tighten screw **C** from step 2 in the same way.



Step 06a

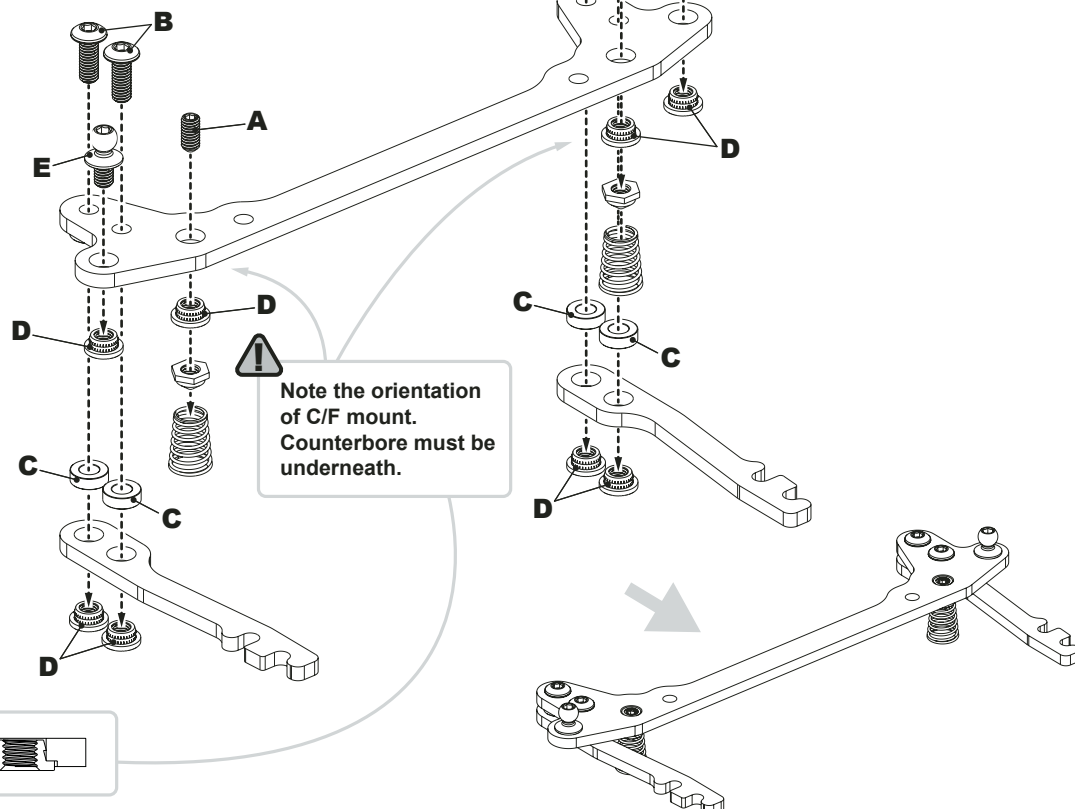
A x2
M3x 6 Patched Grub Screw

B x4
M3x 8 Button Hd Screw

C x4
Black 2mm Spacer

D x8
M3 Thread Insert

E x2
Ultra Short Ball Stud Low



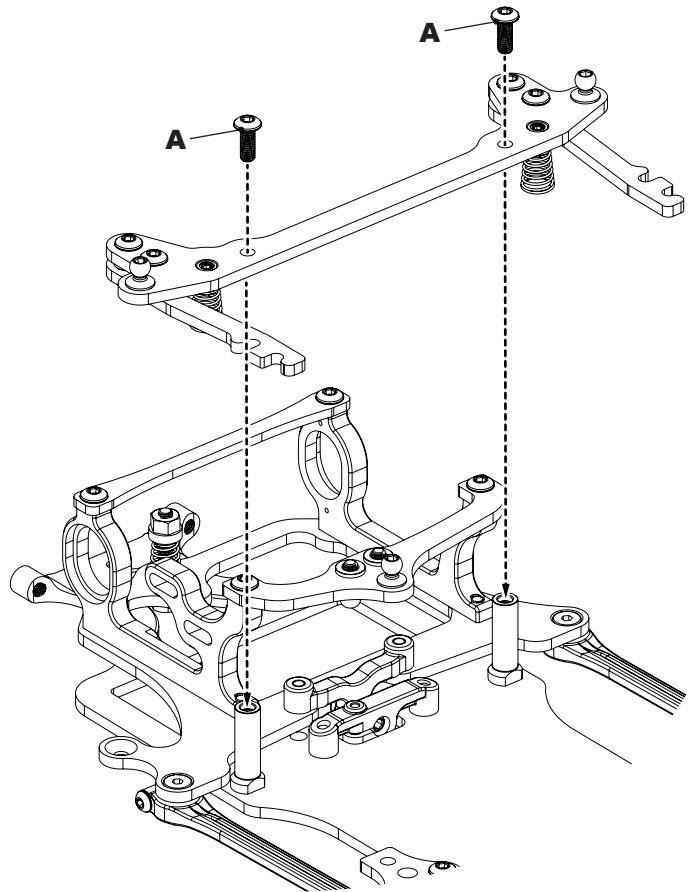
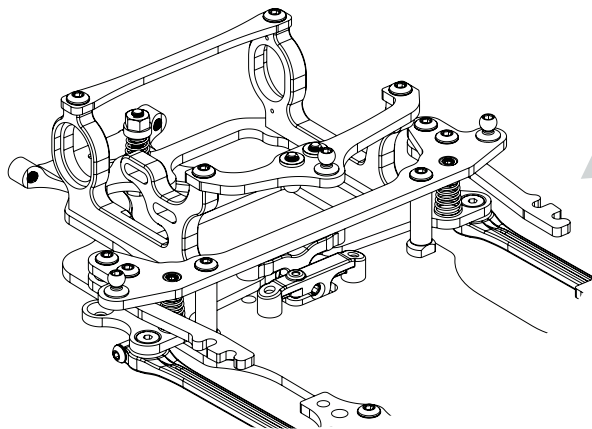
ICON²

Step 06

A x2



M3x 8 Button Hd Screw



Step 07

A x2



M3x 6 Csk Hd Screw

B x4



M3x 8 Csk Hd Screw

C x1



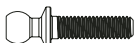
M3 Nyloc Nut

D x1



Black 3mm Spacer

E x1

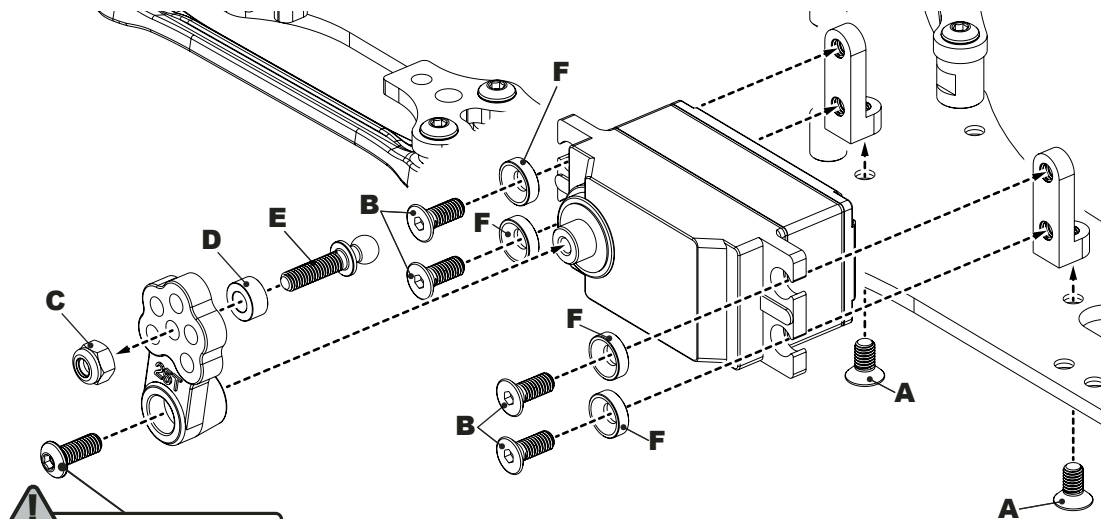


Ultra Long Ball Stud

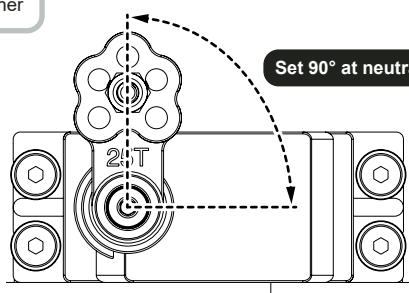
F x4



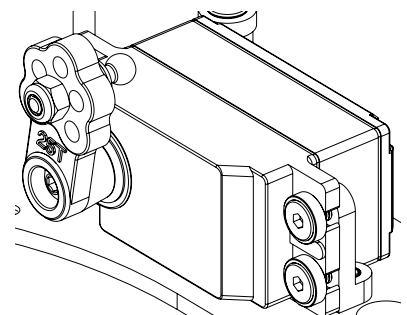
Black Csk Washer



! Screw supplied with steering servo.



Set 90° at neutral.



ICON²

Step 08

A x6

M3x 10 Csk Hd Screw

or

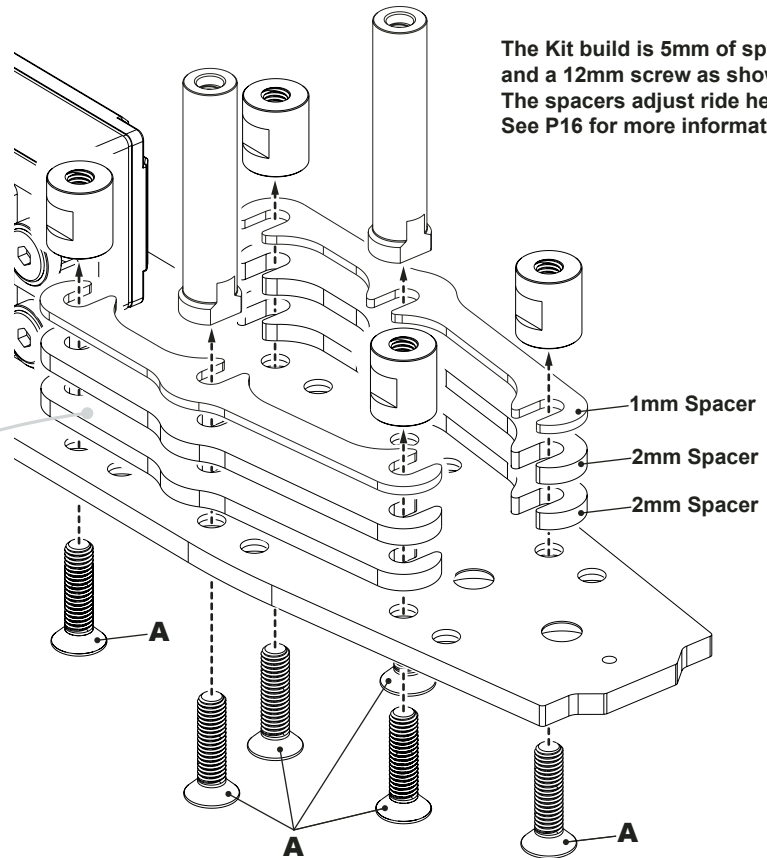
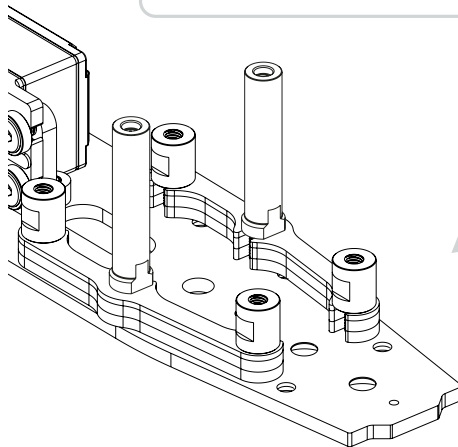
M3x 12 Csk Hd Screw



NOTE

Use the 12mm screw when using 5-7mm of spacers.
Use the 10mm screw when using 3-4.75mm of spacers.

The Kit build is 5mm of spacers, and a 12mm screw as shown.
The spacers adjust ride height.
See P16 for more information.



Step 09

A x6

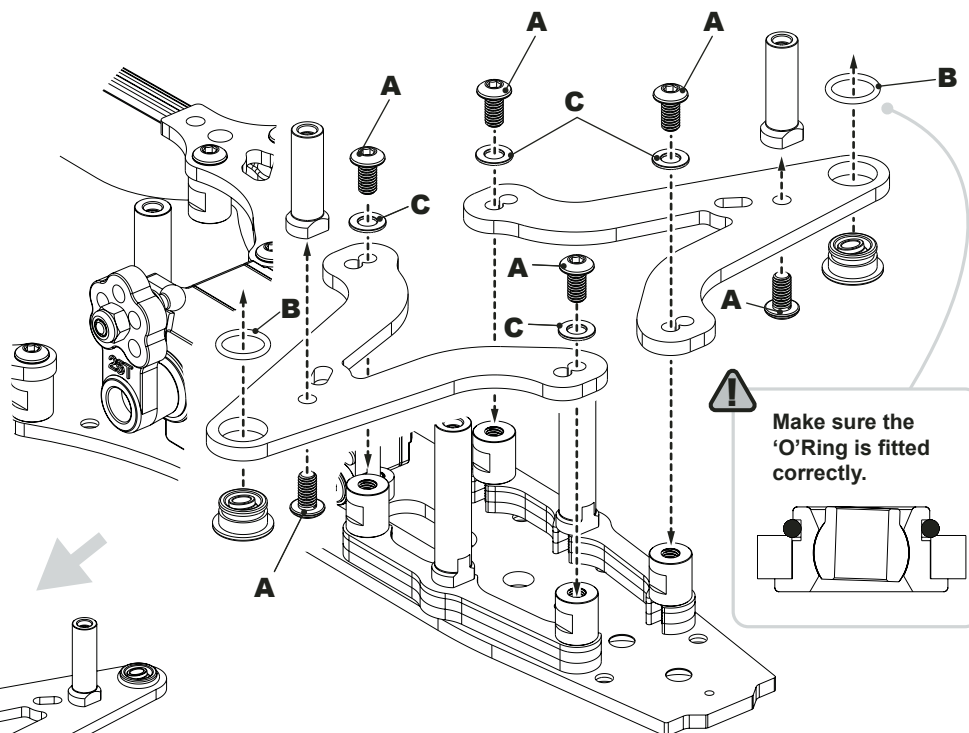
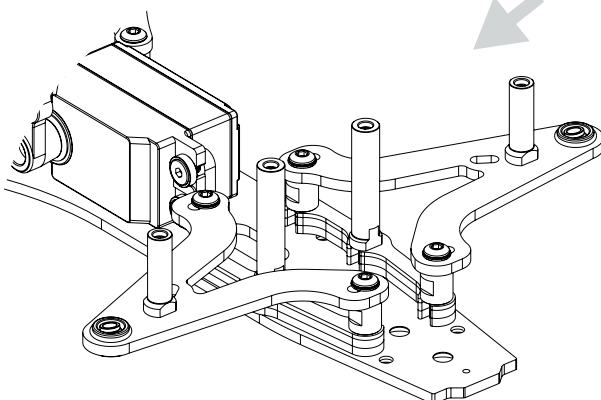
M3x 6 Button Hd Screw

B x2

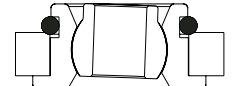
'O' Ring 6mm

C x4

Black 0.5mm Spacer



Make sure the 'O' Ring is fitted correctly.



ICON²

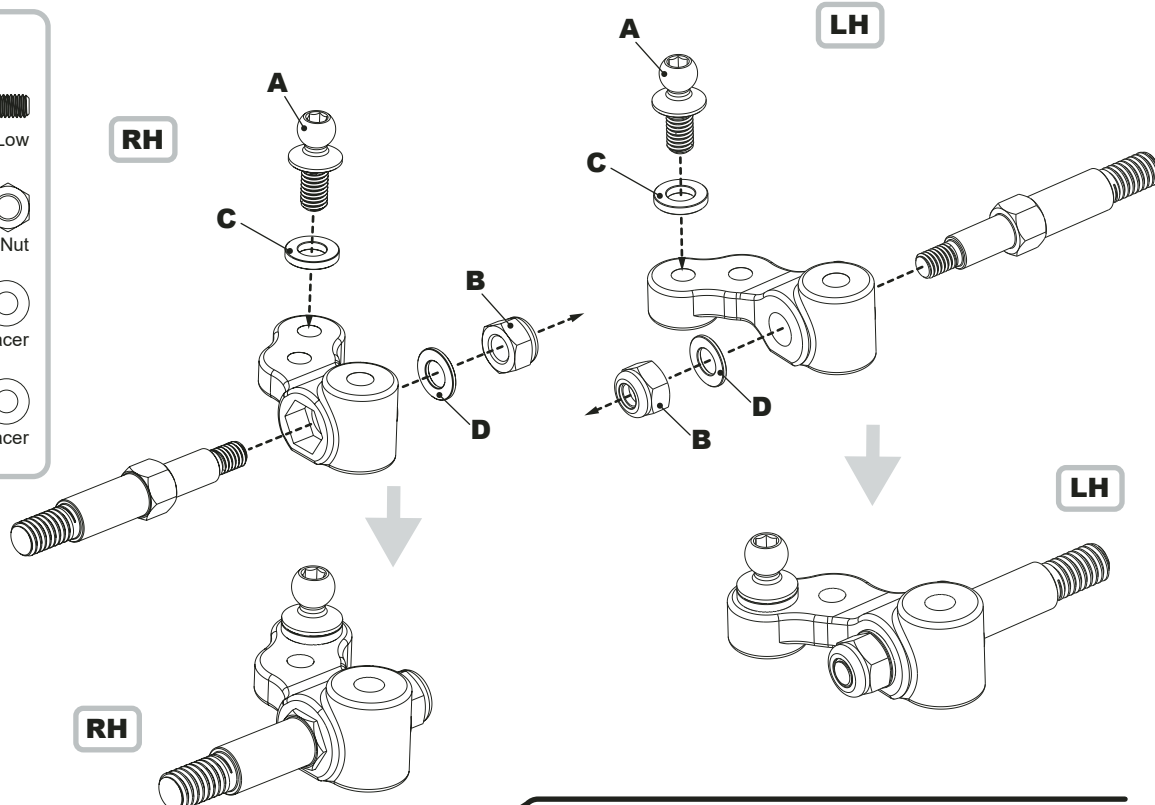
Step 10

A x2 
Short Ball Stud Low

B x2 
M3 Nyloc Nut

C x2 
Black 1.0mm Spacer

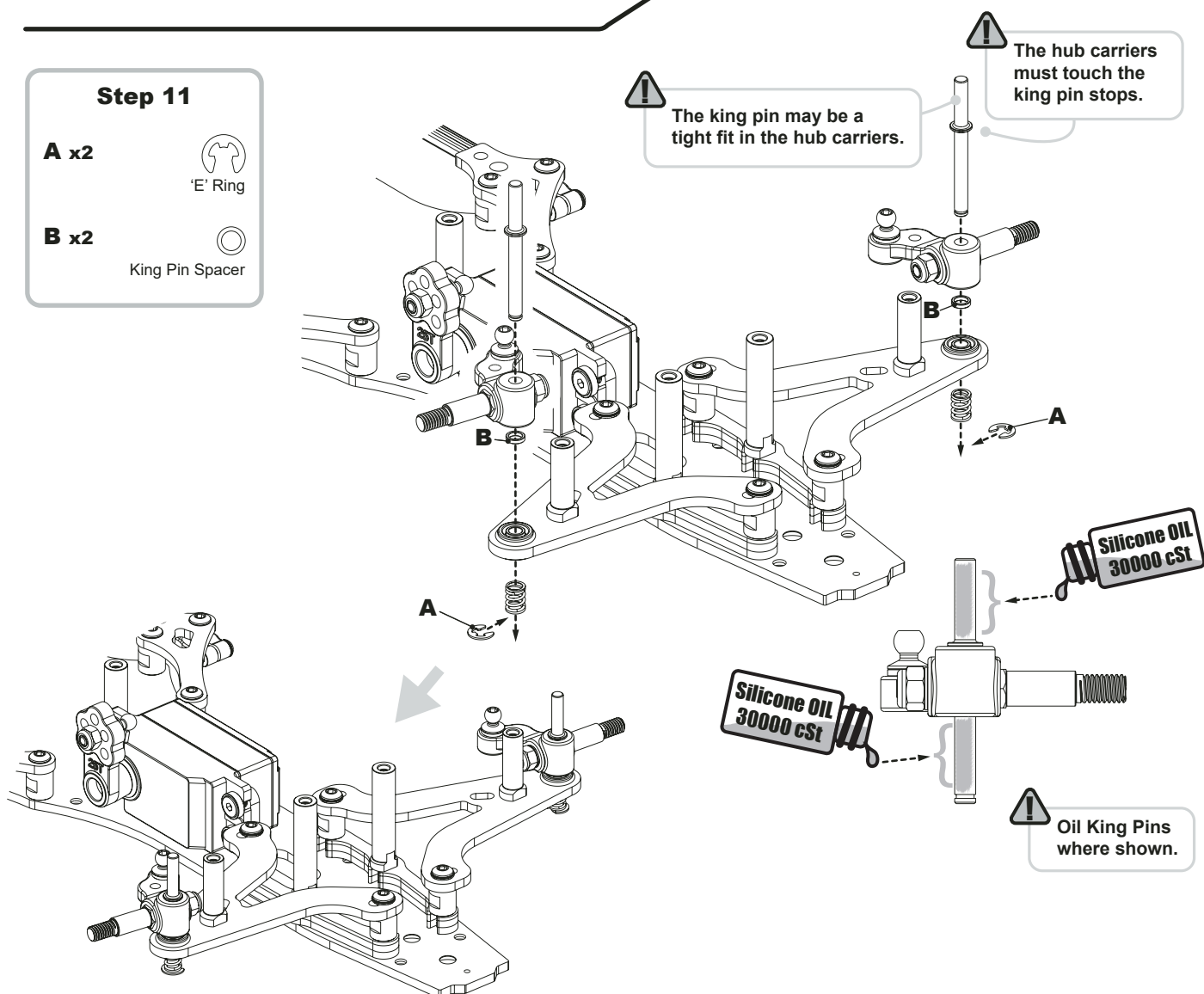
D x2 
Black 0.5mm Spacer



Step 11

A x2 
'E' Ring

B x2 
King Pin Spacer



ICON²

Step 12

A x1
M3x 25 Button Hd Screw

B x2
'O' Ring 6mm

C x1
Black 4mm Spacer

D x4
M3 Thread Insert

E x1
M3x 6 Button Hd Screw

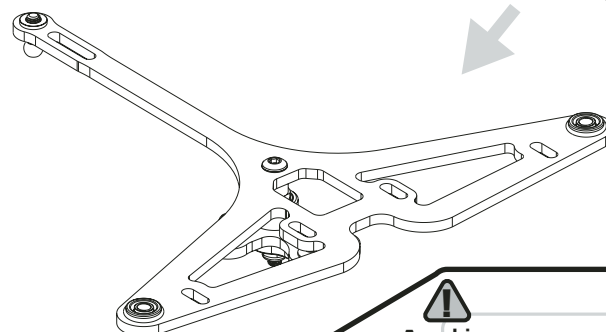
F x1
M3 Nyloc Nut

G x2
4 x 8 x 3 Bearing

H x4
Ultra Short Ball Stud Low



Use the M3x12 Cap head screw and washers to fit the inserts. Tighten the screw until the M3 thread inserts **D** is pulled into the carbon fibre part as shown.



Adjust for minimum clearance, with no drag. Do NOT overtighten.



Line up screw with the post before tightening.



These spacers must equal the ride height spacers.

Step 13

A x1
M3x 14 Csk Hd Screw

B x4
M3x 10 Csk Hd Screw

C x2
M3x 6 Csk Hd Screw

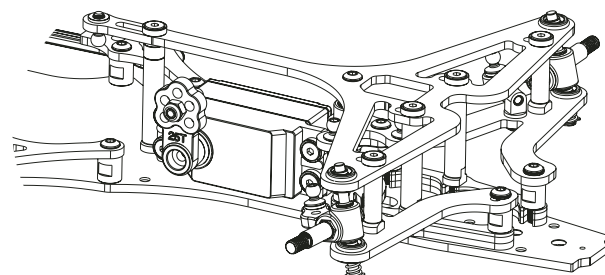
D x2
M3x 6 Button Hd Screw

E x1
Black 4mm Spacer

F x1
Black 1mm Spacer

G x2
Black 0.75mm Spacer

H x5
Black Csk Washer



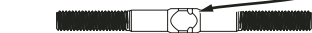
Moving the camber strap forwards and rearwards adjusts the caster angle. For more information on caster angle see car settings page 19.

ICON²

Step 14

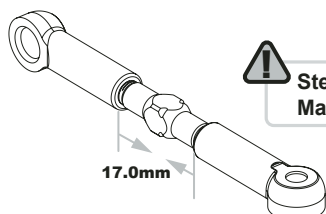


Note the ID mark on the turnbuckle. This side of the turnbuckle is the left hand thread.



RH Thread

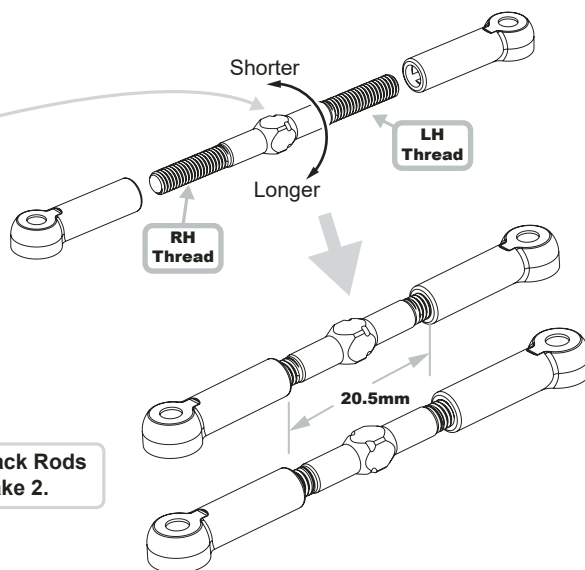
LH Thread



Steering Link.
Make 1.

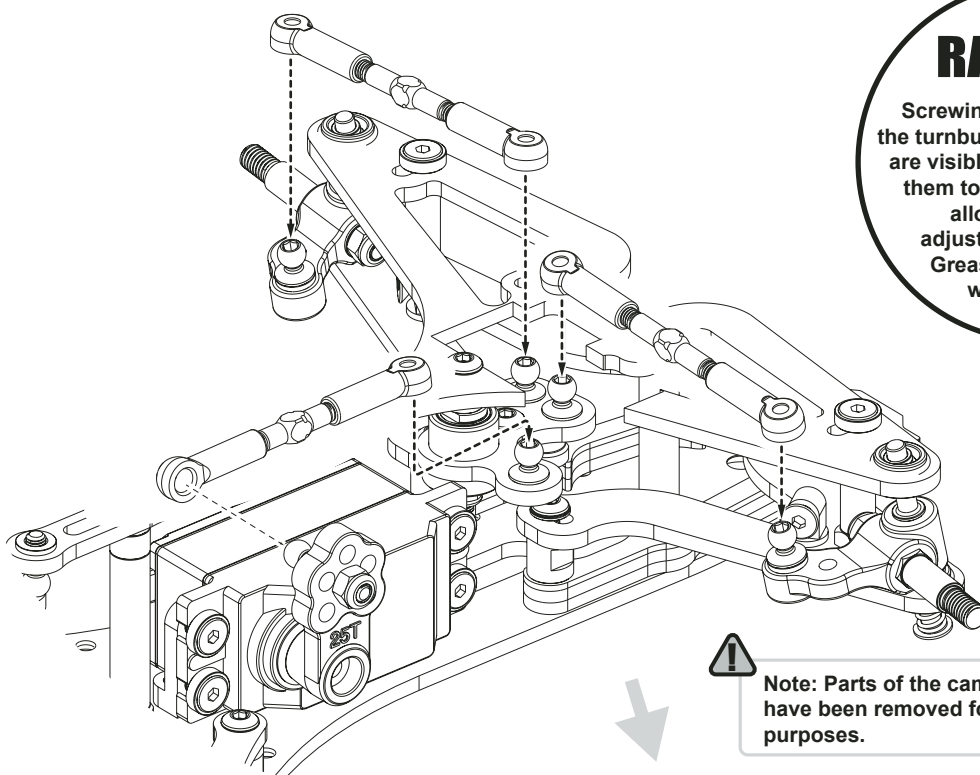


Track Rods
Make 2.

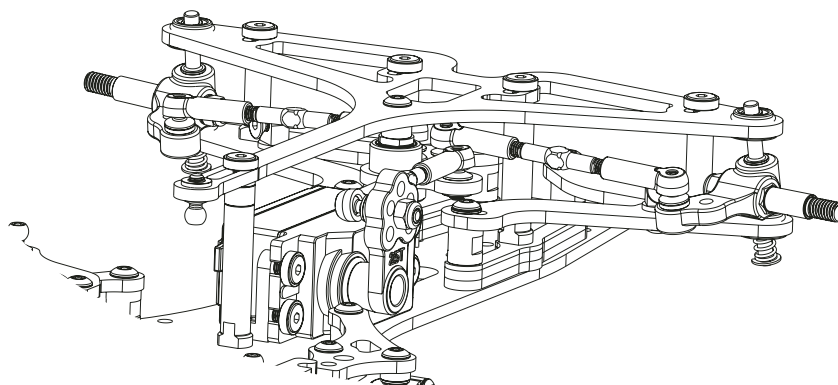


RACE TIP

Screwing the sockets onto the turnbuckle, until no threads are visible, and then undoing them to the desired length allows for easier adjustment on the car. Greasing the threads will also help.

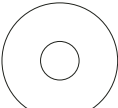


Note: Parts of the camber strap image have been removed for illustration purposes.

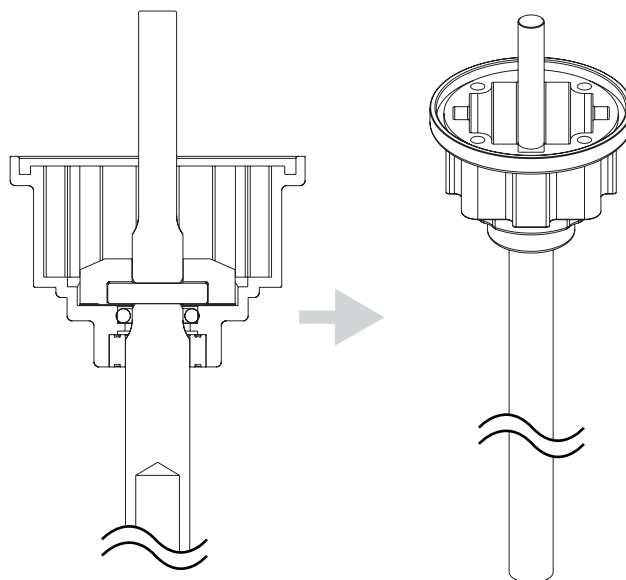
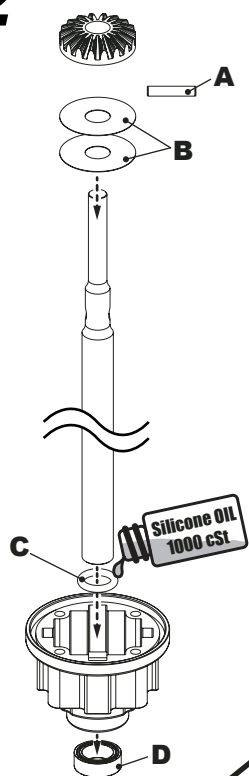


ICON²

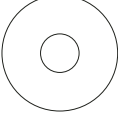
Step 15

- A x1**  $\varnothing 2.0 \times 9.8\text{mm}$ Pin
- B x2**  Diff Gear Shim
- C x1**  'O' Ring 5mm
- D x1**  $\varnothing 1/4" \times \varnothing 3/8"$ Bearing

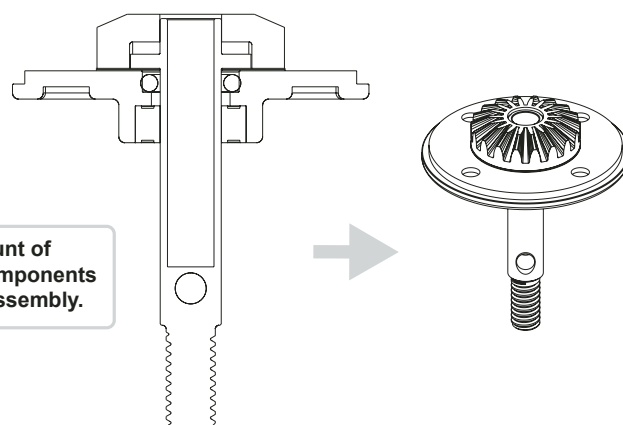
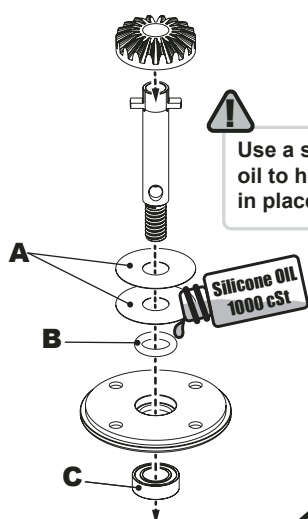
 Use a small amount of oil to hold the components in place during assembly.



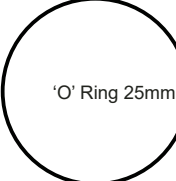
Step 16

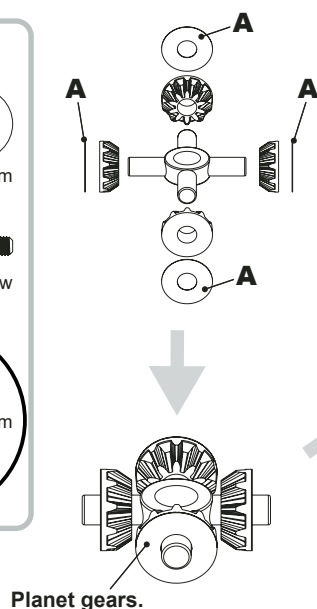
- A x2**  Diff Gear Shim
- B x1**  'O' Ring 5mm
- C x1**  5 x 9 x 3 Bearing

 Use a small amount of oil to hold the components in place during assembly.

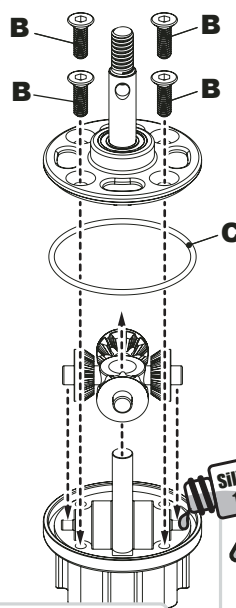


Step 17

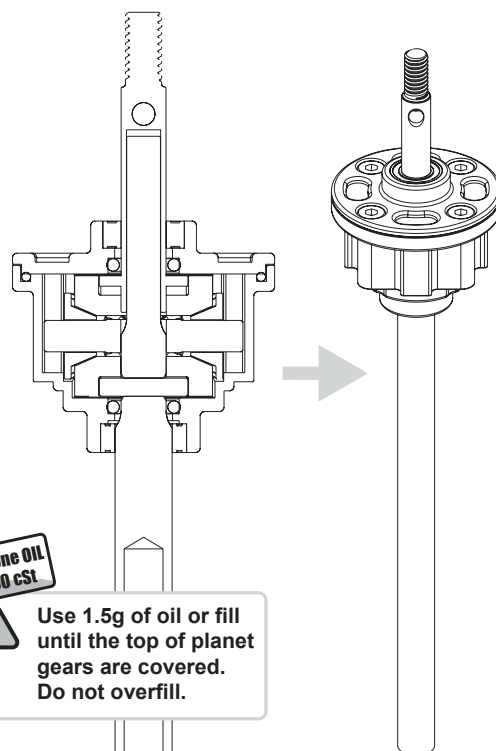
- A x4**  Bevel Gear Shim
- B x4**  M2.5x 8 Csk Screw
- C x1**  'O' Ring 25mm



 Line up screw with the hole before tightening.



 Use 1.5g of oil or fill until the top of planet gears are covered. Do not overfill.



ICON²

Step 18

A x4 
M2.5x 6 Button Hd Screw

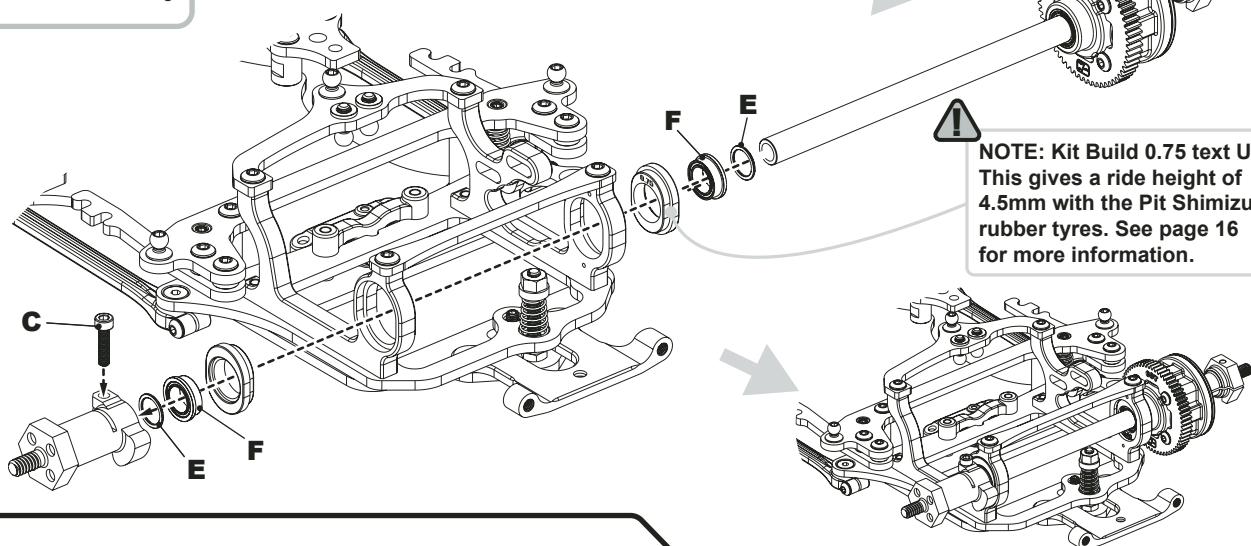
B x1 
M2.5x 8 Button Hd Screw

C x1 
M2.5x 10 Cap Hd Screw

D x1 
Thin Pin Drive Washer

E x2 
0.5mm Diff Spacer

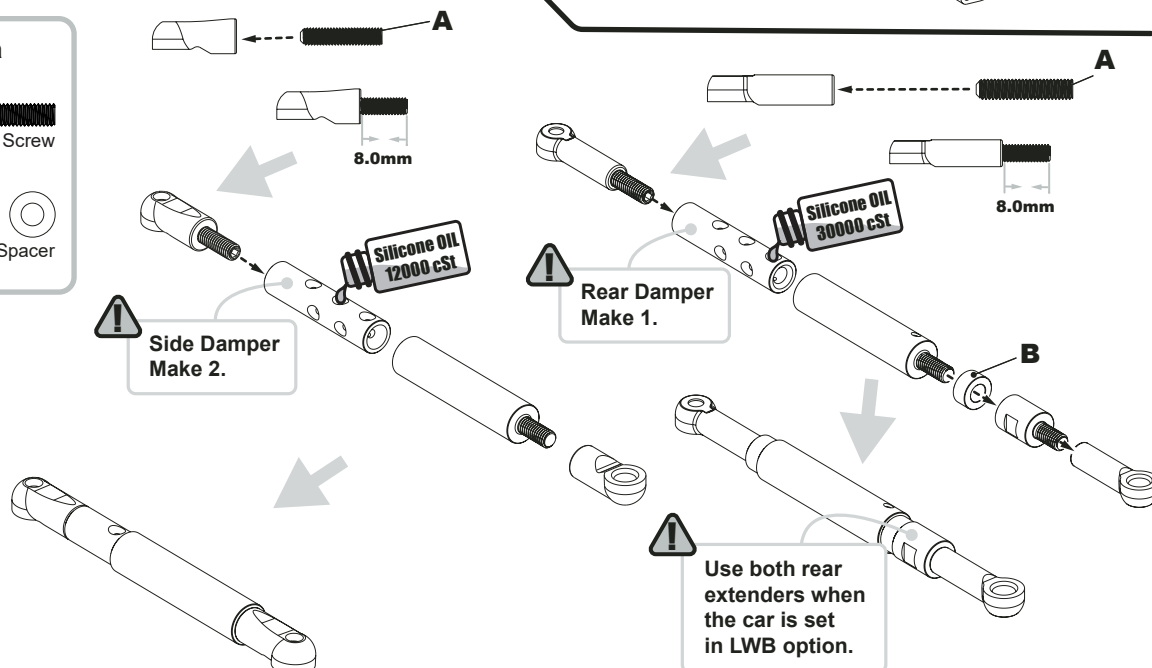
F x2 
ø1/4" x ø3/8" FL Bearing



Step 19a

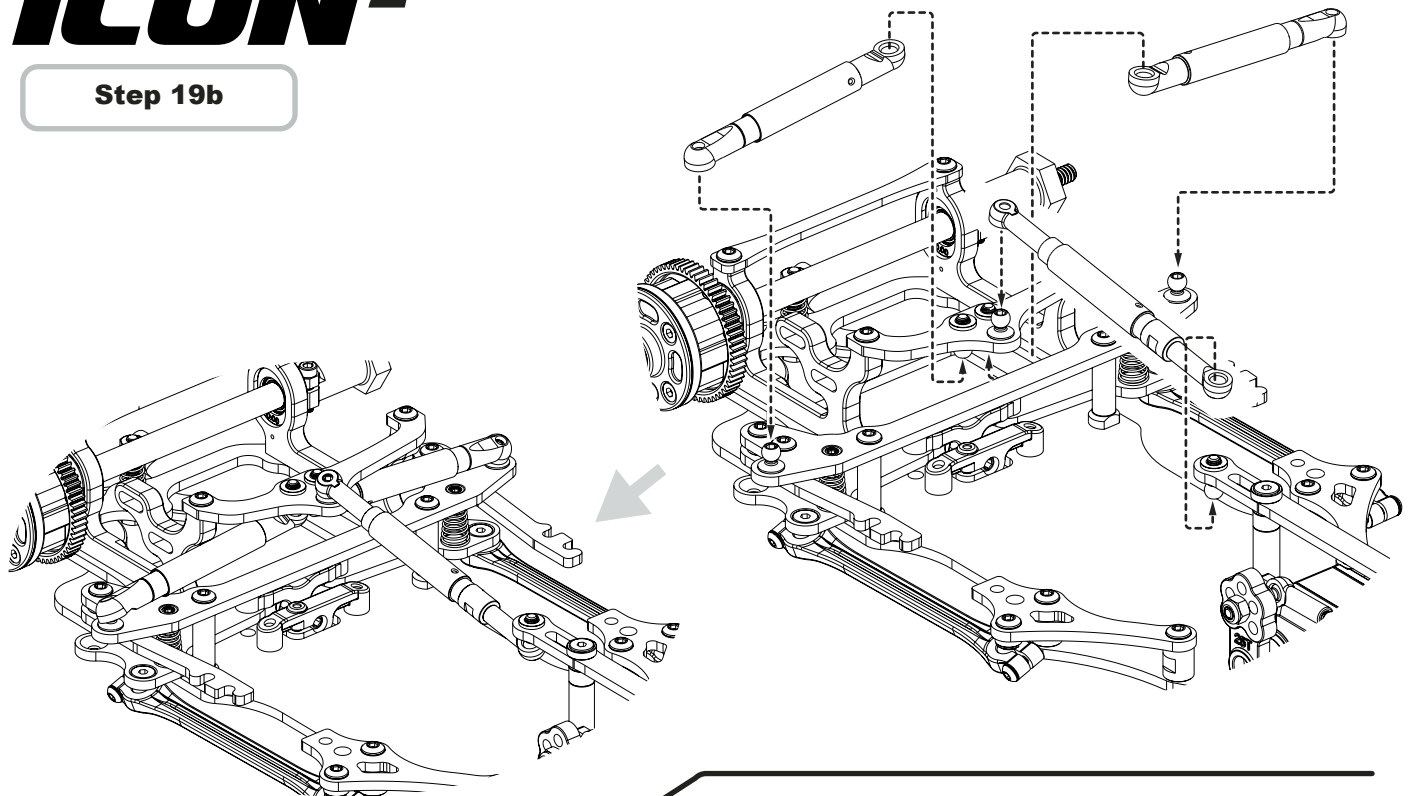
A x3 
M3x 14 Grub Screw

B x1 
Black 3.0mm Spacer



ICON²

Step 19b



Step 20

A x2



M4x 8 Csk Hd Screw

B x2

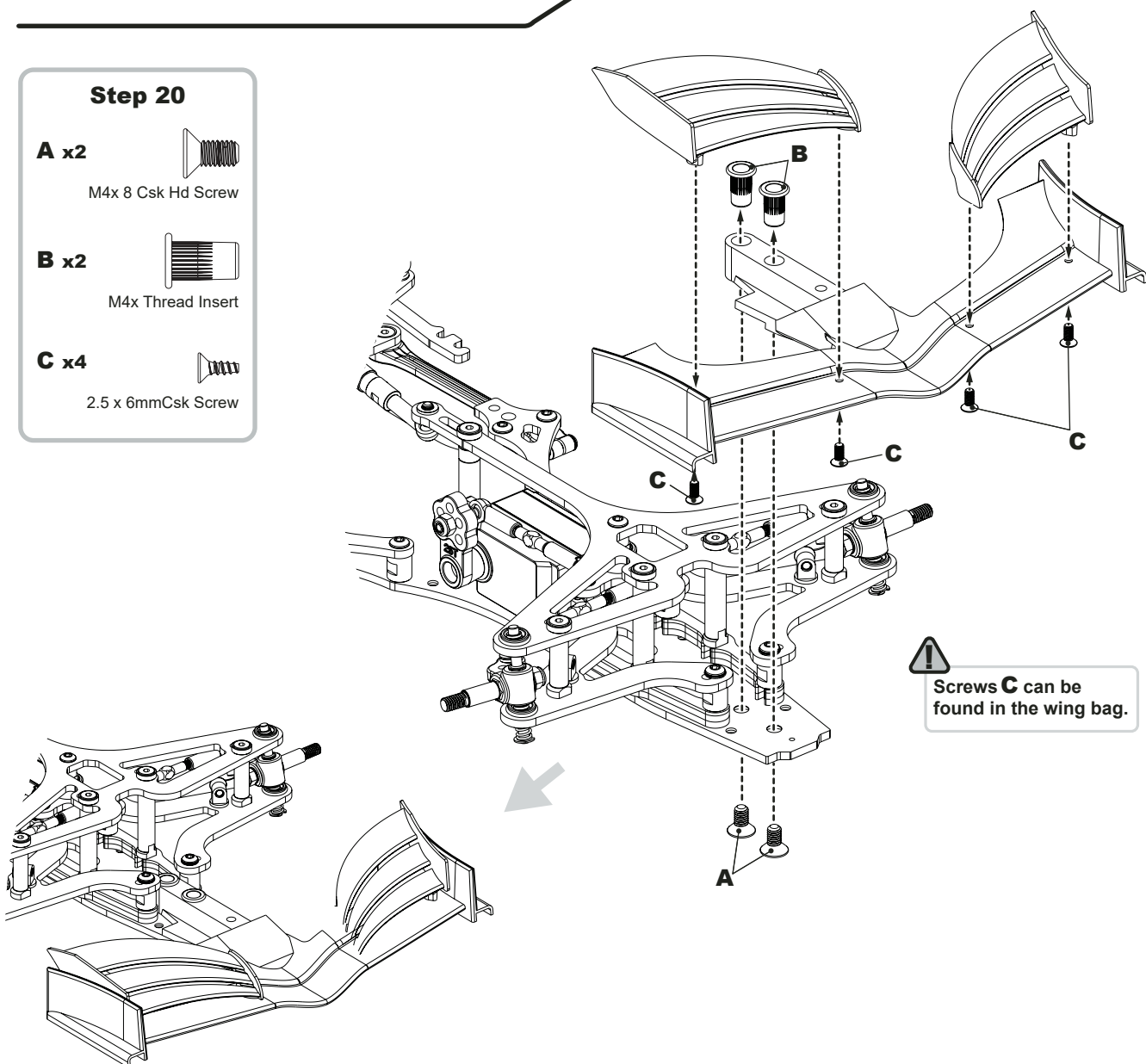


M4x Thread Insert

C x4



2.5 x 6mm Csk Screw



Screws **C** can be found in the wing bag.

ICON²

Step 21

A x2



M3x 10 Button Hd Screw

B x1

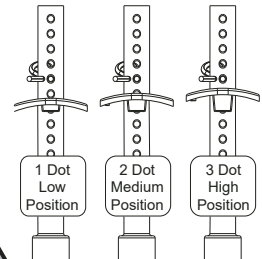
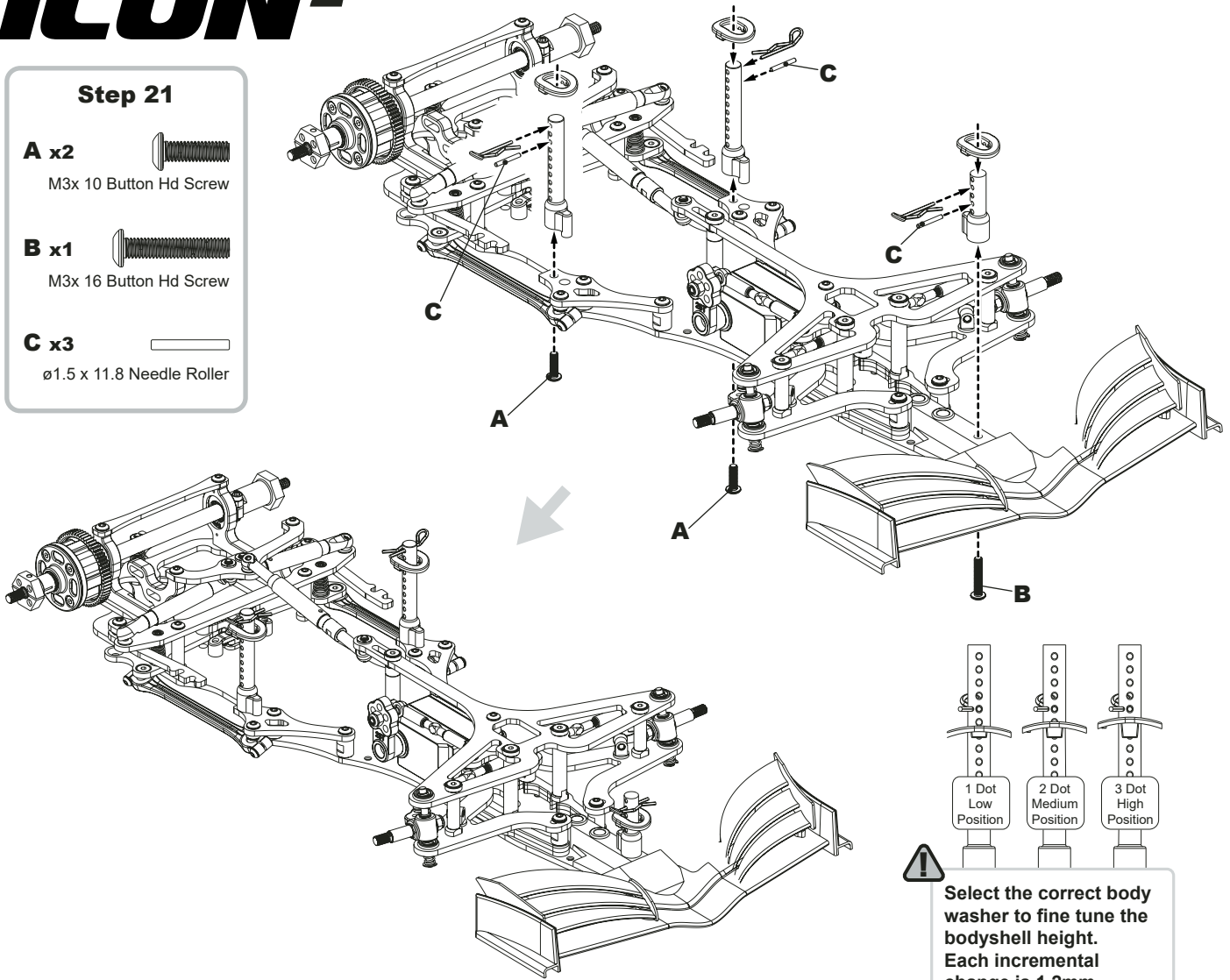


M3x 16 Button Hd Screw

C x3



ø1.5 x 11.8 Needle Roller



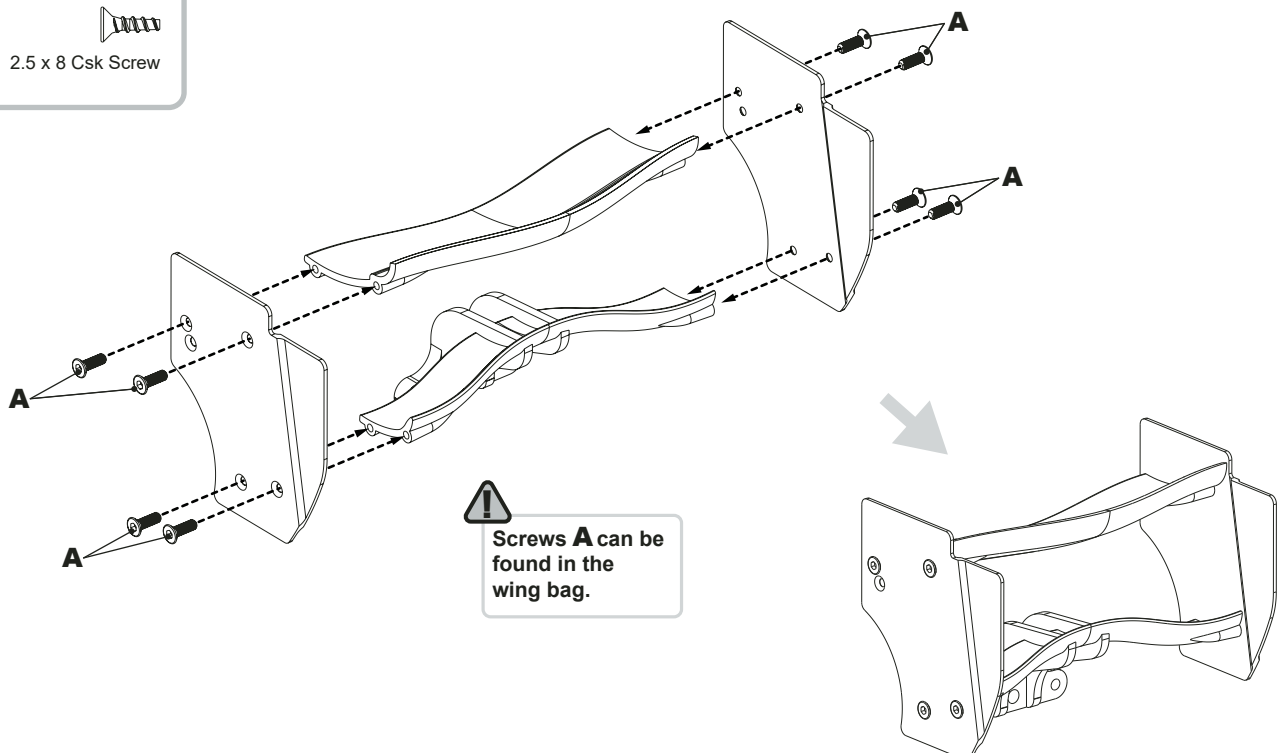
Select the correct body washer to fine tune the bodysell height. Each incremental change is 1.2mm.

Step 22a

A x8



2.5 x 8 Csk Screw



Screws A can be found in the wing bag.

ICON²

Step 22b

A x2

M3x 8 Button Hd Screw

B x2

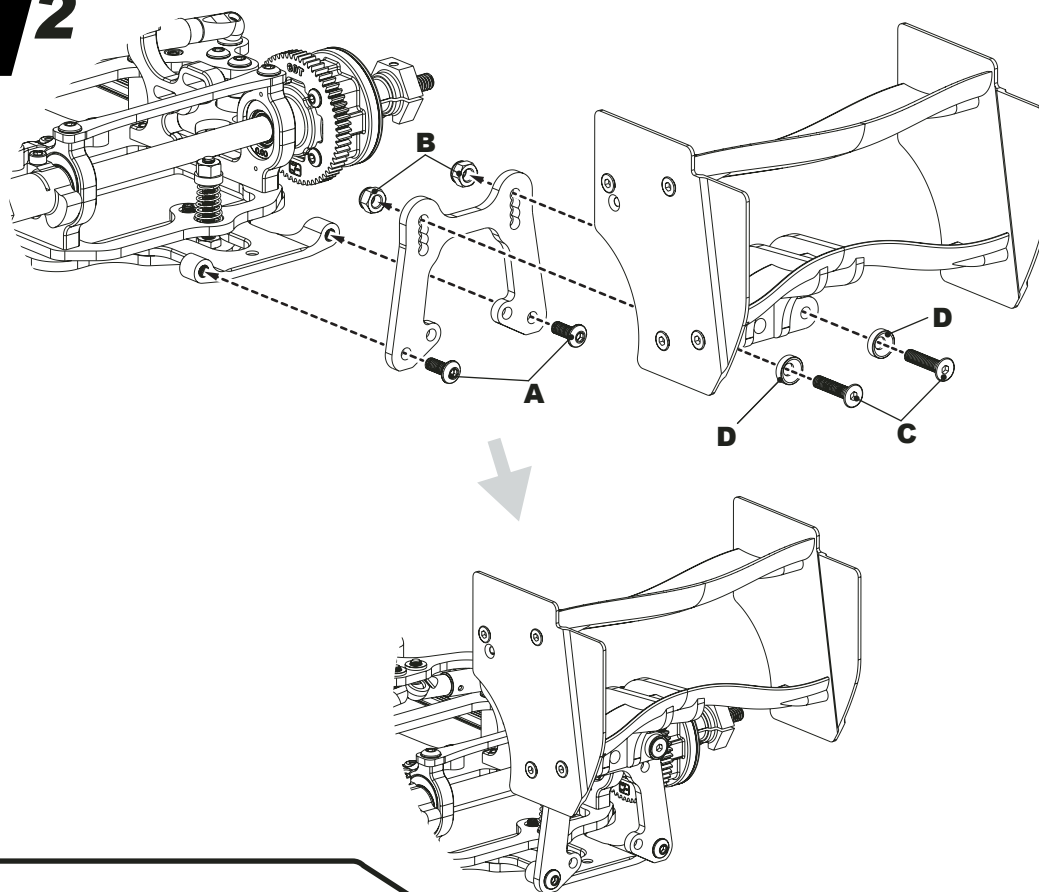
M3 Nyloc Nut

C x2

M3x 14 Csk Hd Screw

D x2

M3 Csk Washer



Step 23

A x2

M4 Flanged Nyloc Nut

B x2

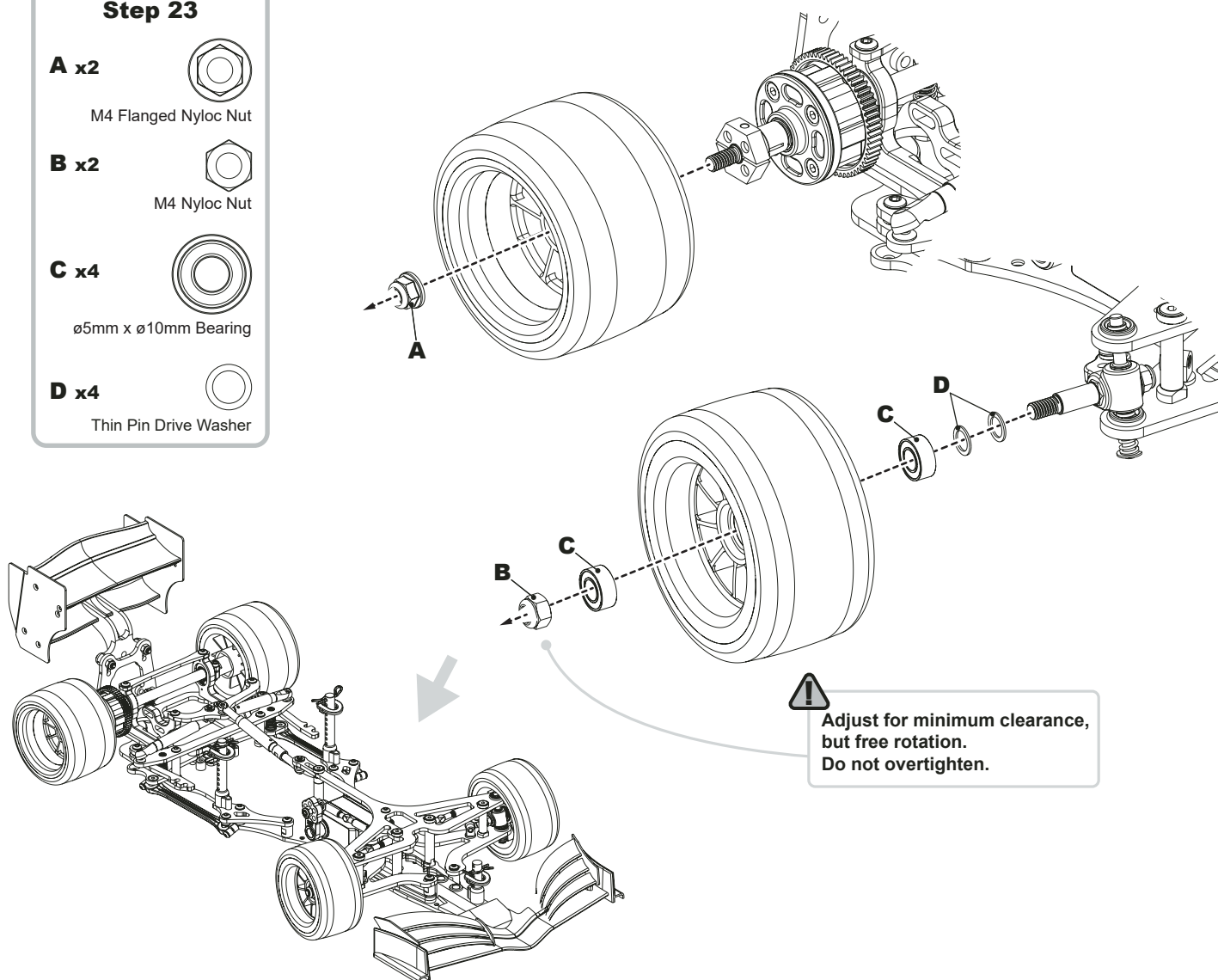
M4 Nyloc Nut

C x4

ø5mm x ø10mm Bearing

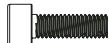
D x4

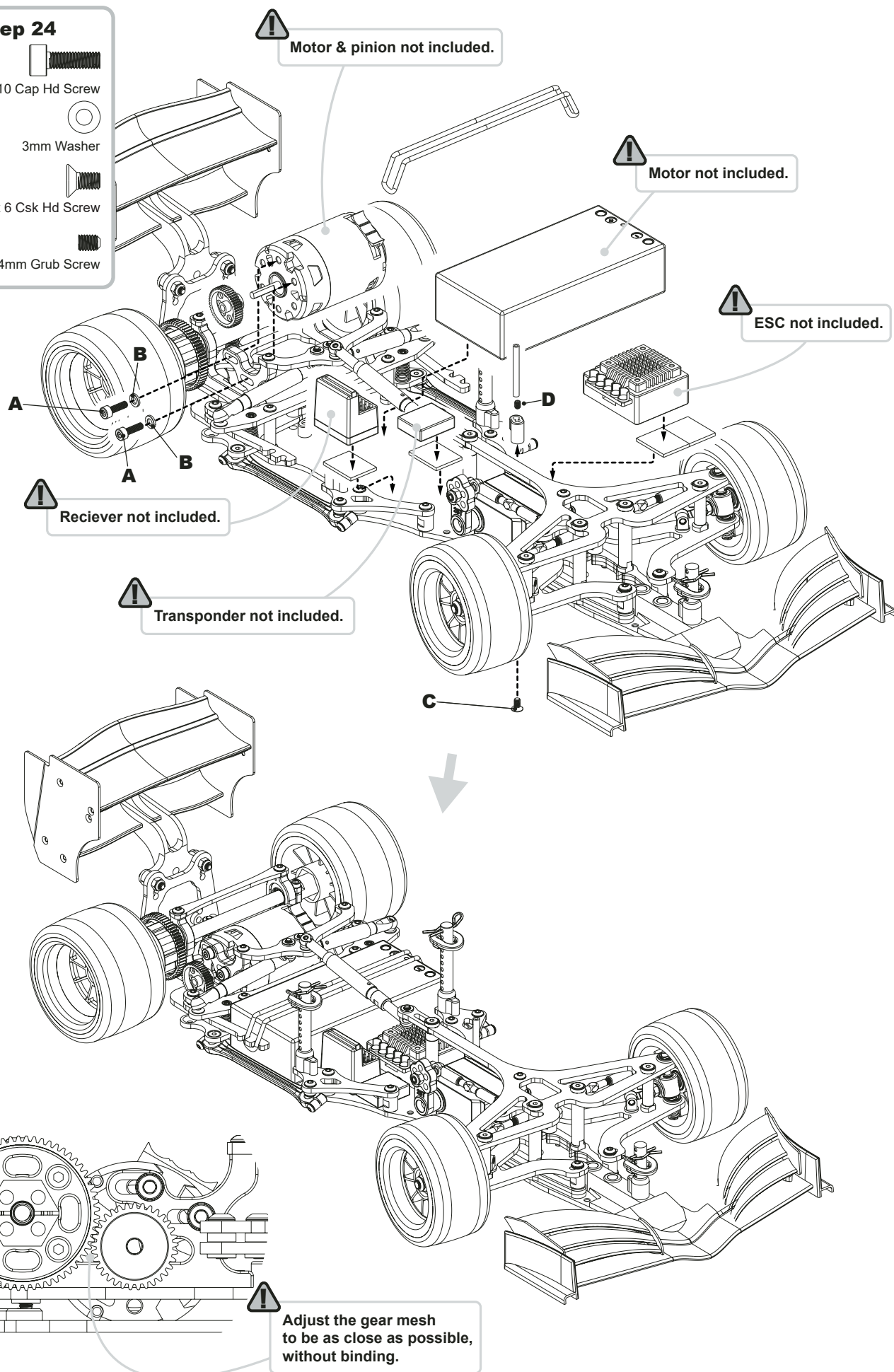
Thin Pin Drive Washer



ICON²

Step 24

- A x2** 
M3x 10 Cap Hd Screw
- B x2** 
3mm Washer
- C x1** 
M3x 6 Csk Hd Screw
- D x1** 
M3x 4mm Grub Screw



ICON²

TRACK SETTINGS

RIDE HEIGHT

See Page 6 & 11 - Step 8 & 18

Front Ride Height is adjusted by adding/removing spacers under the wishbones. Removing spacers increases the ride height, adding spacers reduces the ride height.

Rear Ride Height is adjusted by changing the eccentric on the rear axle. The greater the bearing offset towards the bottom of the eccentric, the higher the ride height. The greater the bearing offset towards the top of the eccentric, the lower the ride height. In general always run the car as low as possible, without the chassis grounding out.

A good starting point is 4.5mm front, 5.0mm rear.



DAMPING

See Page 11 - Step 19a

Roll Damping

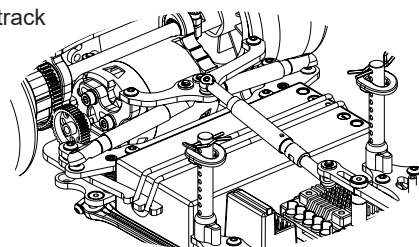
Thicker roll damping oil slows the weight transfer of the rear and makes the car easier to drive on corner entry. Rear stability in the middle of the corner may be lower. Thicker oil can also help if the track surface is bumpy and there are issues with bumps in the middle of the corner.

A good range is between 10,000cSt and 50,000cSt

Bump Damping

Thicker bump damping oil slows the weight transfer of the rear and makes the car easier to drive when coming off power. Thicker oil can help if the track surface is bumpy and there are issues with bumps when the car is moving in a straight line.

A good range is between 15,000cSt and 100,000cSt



GEAR RATIO

See Page 11 - Step 18 & Page 15 - Step 24

Gear Chart 48DP

Spur

Maximum Tooth Sum = 102T
Minimum Tooth Sum = 80T

Pinion	48dp	60	64	66	68	69	72	74	76	80	84
15				4.40	4.53	4.60	4.80	4.93	5.07	5.33	5.60
16			4.00	4.13	4.25	4.31	4.50	4.63	4.75	5.00	5.25
17			3.76	3.88	4.00	4.06	4.24	4.35	4.47	4.71	4.94
18			3.56	3.67	3.78	3.83	4.00	4.11	4.22	4.44	4.67
19			3.37	3.47	3.58	3.63	3.79	3.89	4.00	4.21	
20	3.00	3.20	3.30	3.40	0.18	3.60	3.70	3.80	4.00		
21	2.86	3.05	3.14	3.24	3.29	3.43	3.52	3.62	3.81		
22	2.73	2.91	3.00	3.09	3.14	3.27	3.36	3.45	3.64		
23	2.61	2.78	2.87	2.96	3.00	3.13	3.22	3.30			
24	2.50	2.67	2.75	2.83	2.88	3.00	3.08	3.17			
25	2.40	2.56	2.64	2.72	2.76	2.88	2.96	3.04			
26	2.31	2.46	2.54	2.62	2.65	2.77	2.85	2.92			
27	2.22	2.37	2.44	2.52	2.56	2.67	2.74				
28	2.14	2.29	2.36	2.43	2.46	2.57	2.64				
29	2.07	2.21	2.28	2.34	2.38	2.48					
30	2.00	2.13	2.20	2.27	2.30	2.40					
31	1.94	2.06	2.13	2.19	2.23						
32	1.88	2.00	2.06	2.13	2.16						
33	1.82	1.94	2.00	2.06	2.09						
34	1.76	1.88	1.94	2.00							
35	1.71	1.83	1.89								
36	1.67	1.78	1.83								
37	1.62	1.73									
38	1.58	1.68									
39	1.54										
40	1.50										
41	1.46										
42	1.43										

Gear Chart 64DP

Spur

Maximum Tooth Sum = 136T
Minimum Tooth Sum = 107T

Pinion	64dp	64	72	74	76	78	80	82	86	88	90	94	98	102	106	110
18											5.00	5.22	5.44	5.67	5.88	6.11
19										4.63	4.74	4.95	5.16	5.37	5.58	5.79
20										4.40	4.50	4.70	4.90	5.10	5.05	5.50
21									4.10	4.19	4.29	4.48	4.67	4.86	4.82	5.24
22									3.91	4.00	4.09	4.27	4.45	4.64	4.61	5.00
23									3.74	3.83	3.91	4.09	4.26	4.43	4.42	4.78
24									3.58	3.67	3.75	3.92	4.08	4.25	4.24	4.58
25								3.28	3.44	3.52	3.60	3.76	3.92	4.08	4.08	4.40
26								3.15	3.31	3.38	3.46	3.62	3.77	3.92	3.93	4.23
27							2.96	3.04	3.19	3.26	3.33	3.48	3.63	3.78	3.79	
28							2.86	2.93	3.07	3.14	3.21	3.36	3.50	3.64	3.66	
29						2.69	2.76	2.83	2.97	3.03	3.10	3.24	3.38	3.52	3.53	
30						2.60	2.67	2.73	2.87	2.93	3.00	3.13	3.27	3.40	3.53	
31					2.45	2.52	2.58	2.65	2.77	2.84	2.90	3.03	3.16	3.29		
32					2.38	2.44	2.50	2.56	2.69	2.75	2.81	2.94	3.06	3.19		
33				2.24	2.30	2.36	2.42	2.48	2.61	2.67	2.73	2.85	2.97	3.09		
34				2.18	2.24	2.29	2.35	2.41	2.53	2.59	2.65	2.76	2.88	3.00		
35			2.06	2.11	2.17	2.23	2.29	2.34	2.46	2.51	2.57	2.69	2.80			
36			2.00	2.06	2.11	2.17	2.22	2.28	2.39	2.44	2.50	2.61	2.72			
37			1.95	2.00	2.05	2.11	2.16	2.22	2.32	2.38	2.43	2.54	2.65			
38			1.89	1.95	2.00	2.05	2.11	2.16	2.26	2.32	2.37	2.47	2.58			
39			1.85	1.90	1.95	2.00	2.05	2.10	2.21	2.26	2.31	2.41				
40			1.80	1.85	1.90	1.95	2.00	2.05	2.15	2.20	2.25	2.35				
41			1.76	1.80	1.85	1.90	1.95	2.00	2.10	2.15	2.20	2.29				
42			1.71	1.76	1.81	1.86	1.90	1.95	2.05	2.10	2.14	2.24				
43	1.49	1.67	1.72	1.77	1.81	1.86	1.91	2.00	2.05	2.09						
44	1.45	1.64	1.68	1.73	1.77	1.82	1.86	1.95	2.00	2.05						
45	1.42	1.60	1.64	1.69	1.73	1.78	1.82	1.91	1.96	2.00						
46	1.39	1.57	1.61	1.65	1.70	1.74	1.78	1.87	1.91	1.96						
47	1.36	1.53	1.57	1.62	1.66	1.70	1.74	1.83	1.87							
48	1.33	1.50	1.54	1.58	1.63	1.67	1.71	1.79	1.83							
49	1.31	1.47	1.51	1.55	1.59	1.63	1.67	1.76								
50	1.28	1.44	1.48	1.52	1.56	1.60	1.64	1.72								
51	1.25	1.41	1.45	1.49	1.53	1.57	1.61									
52	1.23	1.38	1.42	1.46	1.50	1.54	1.58									
53	1.21	1.36	1.40	1.43	1.47	1.51	1.55									
54	1.19	1.33	1.37	1.41	1.44	1.48	1.52									
55	1.16	1.31	1.35	1.38	1.42	1.45										
56	1.14	1.29	1.32	1.36	1.39	1.43										
57	1.12	1.26	1.30	1.33	1.37											
58	1.10	1.24	1.28	1.31	1.34											
59	1.08	1.22	1.25	1.29												
60	1.07	1.20	1.23	1.27												
61	1.05	1.18	1.21													
62	1.03	1.16	1.19													
63	1.02	1.14														

$$\text{Calculating FDR} = \frac{\text{Spur}}{\text{Pinion}}$$

$$\text{Calculating Pinion} = \frac{\text{Spur}}{\text{FDR}}$$

$$\text{Calculating Spur} = \text{FDR} \times \text{Pinion}$$

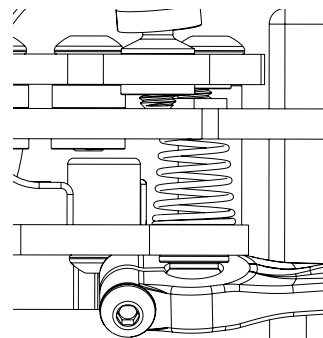
ICON²

ROLL SPRING

See Page 4 - Step 6a

Roll springs are used to control the car's balance. A softer spring will generally give an easier to drive car, however, if too soft, corner entry stability will be compromised. Stiffer roll springs can be used to give a more aggressive steering car. The standard setting has the roll springs uncompressed and both just touching the lower pod plate when the car is stationary. Screwing them downward and compressing the springs creates more steering while loosening them gives an easier to drive car.

Adjusting the springs allows the tweak to be infinitely adjusted. Ensure they are not set too unevenly. If more than 0.5mm different, further investigation is required.

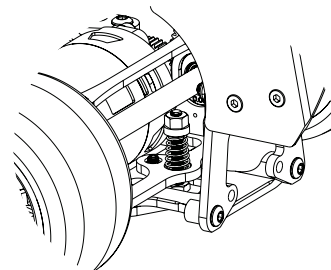


BUMP SPRING

See Page 4 - Step 5

This spring is used to set the pod angle. Adjust the spring tension so that the pod is horizontal when the car is on a flat surface. This gives the kit setting with zero anti-squat or pro-squat.

A harder bump spring can give less initial steering. A softer bump spring will give a more aggressive car entering the corner, more rear grip in the corner and improve the cars bump handling ability.



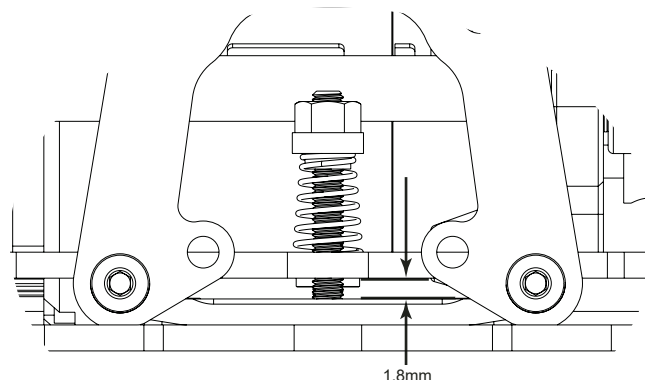
ANTI-SQUAT

See Page 4 - Step 5

If the bump spring is screwed down further, the pod will no longer be horizontal. Angled down at the rear is Anti-squat. If the spring is unscrewed from horizontal, the pod will be angled forwards. This is Pro-squat.

Anti-squat resists the weight transfer in the rear under power. This will increase on power steering. Typically anti-squat may be used but pro-squat is rarely useful. Setting Anti-Squat can be done by setting this dimension using digital calipers.

1.8mm = 0° Anti-squat. A smaller dimension = More Anti-Squat.



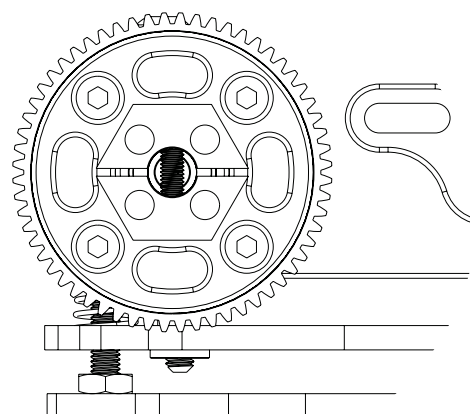
REAR DROOP

See Page 3 - Step 4

Rear droop adjusts the balance of the cars handling. Less droop makes the car more aggressive, squaring up the turns. More droop gives less corner rotation but an easier to drive car. More droop also improves the car's bump handling.

Start with 1mm of droop.

To set this, start with the droop screw backed out and screw in to reduce droop. Measure this by measuring the car's rear ride height, then take all the weight off the car by lifting from the rear of the centre damper tube (the wheels must still just be touching the floor). Measure the chassis from the floor in this position and subtract the ride height to calculate the droop.



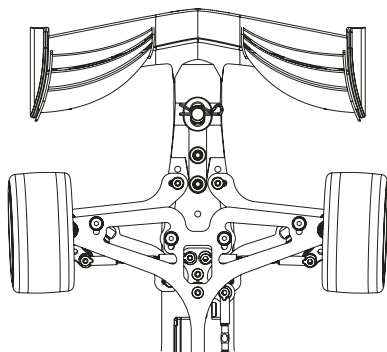
ICON²

WHEELBASE

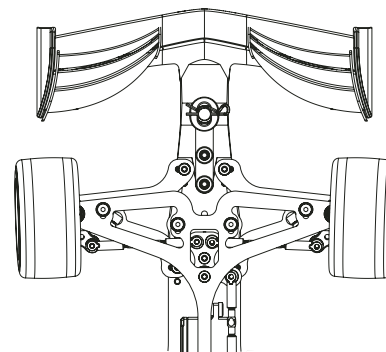
See Page 6 - Step 8

The icon has the option to adjust the front wheelbase by moving the front end assembly. A shorter wheelbase will give the car more steering but will be more unstable, especially at high speed. A longer wheelbase will make the car more stable at high speed but will have less steering in the hairpins.

Kit wheelbase (short)



+7mm wheelbase (long)



ROLL CENTRE ADJUSTMENT (Option Parts Required)

See Page 2 - Step 2 & Page 3 - Step 4

When using the alloy speed secret pivot parts (U7918 and U7919) the roll centre can be adjusted by adding or removing spacers from below the alloy pivot mount and alloy pivot block.

Lowering the roll centre (removing spacers) will give the car more grip and increase chassis roll.

Raising the roll centre (adding spacers) will increase steering by making the car rotate more from the rear.

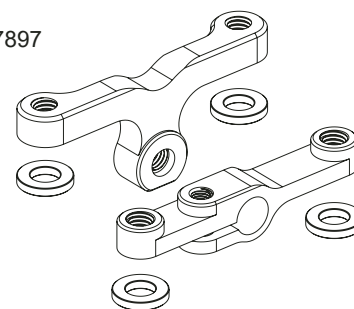
The alloy pivot mount and block need a 1mm spacer in order to maintain kit roll centre.

MUST have equal spacers beneath both parts.

Racers Tip: Using U7897

1mm Alloy Pivot Spacer can make this adjustment much easier.

Please note: These must both be inserted from the front side.

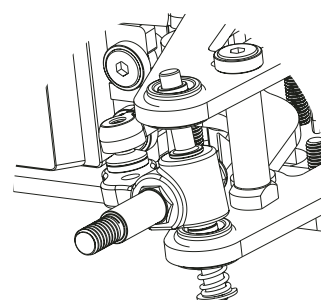


FRONT SPRINGS

See Page 7 - Step 11

Softer springs will ride the bumps better and generally allow the car to roll more which can increase steering, especially in the middle of the corner.

Harder springs make the car more responsive and are more suitable for high grip tracks. They will generally increase initial steering but improve mid corner stability.



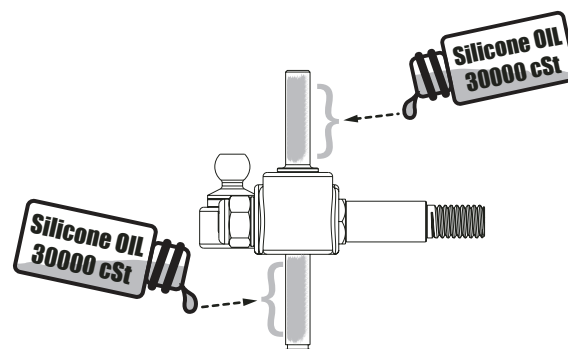
FRONT DAMPING

See Page 7 - Step 11

Front damping can be used to tune the car depending on the track traction levels.

Thicker oil on the kingpin generally always gives a less responsive, easier to drive car. Too thick oil on the kingpin may lead to a 'lazy' feeling car which lacks corner speed.

We suggest a wide range of possibilities here starting from 12,000cSt - 50,000cSt



ICON²

FRONT TRACK WIDTH

See Page 14 - Step 23

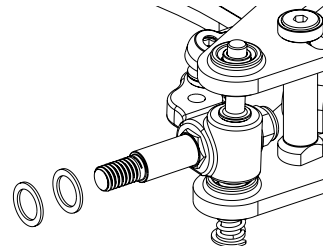
Wider front track width will make the car easier to drive, provide less steering and give a slower response.

Narrower front track width will make the car harder to drive, provide more steering and give a faster response.

Using the option part U8123 and U8358 camber strap allows for a track width 6mm narrower when paired with the outer holes on the wishbones.

Using a 3mm wide bearing on the inside of the wheel can reduce the track width by 2mm.

U4726 (Pro) or U7326 (Kit type)



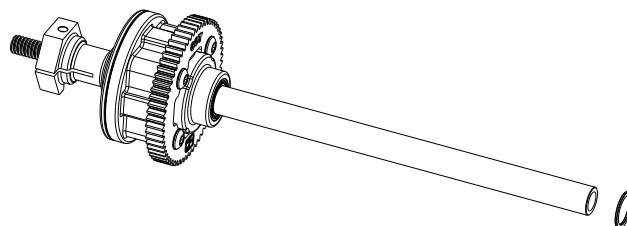
REAR TRACK WIDTH

See Page 11 - Step 18

Wider rear track width provides increased rear grip and an easier to drive car.

Narrower rear track width increases corner speed and steering making the car harder to drive.

Kit rear width has a 0.5mm spacer on both sides. Remove or add spacers to suit (equally both sides).

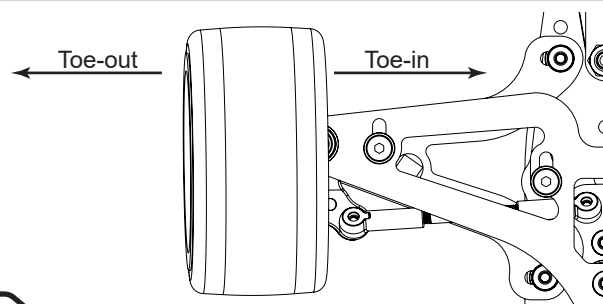


TOE OUT

See Page 9 - Step 14

Parallel front wheels or a slight Toe-out (up to 1 degree per side) is our suggested setting range.

Toe-out gives more initial steering. It does however make the car more difficult to drive on the straight, due to increased responsiveness.



CAMBER

See Page 8 - Step 12

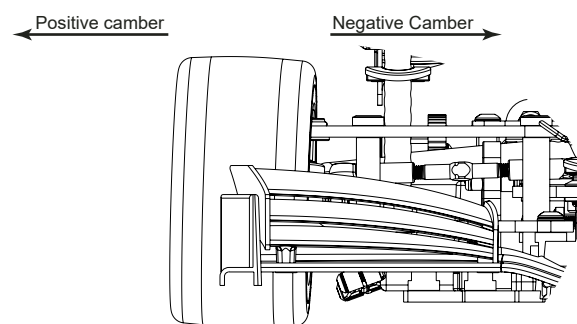
Increasing the negative camber angle will increase the car's steering. This will make the car more difficult to drive, but often faster on a lap.

Reducing the negative camber angle is a good setting change if traction roll is a problem.

Option part U8124 camber strap Offers 1.5° camber where as the kit setting is 2°.

Option part U8123 camber strap Offers 2.0° camber with a narrower track.

Option part U8358 camber strap Offers 1.5° camber with a narrower track.



CASTER

See Page 8 - Step 13

Increasing the caster angle will give slightly smoother turn in, but generally more steering.

By measuring X you can calculate the caster using the below tables. A 0.40mm shift is 1° of caster.

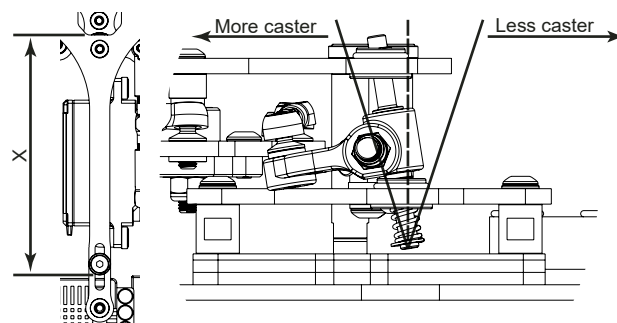
Long Wheelbase

x mm	caster
83.9	0°
83.5	2°
82.7	4°
81.9	6°
81.1	8°
80.3	10°
79.5	12°

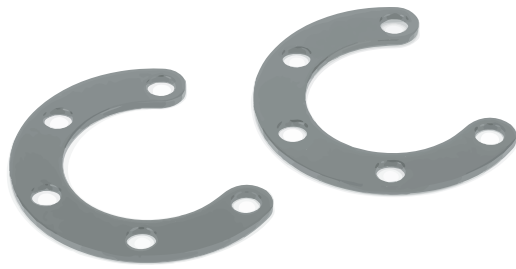
Short Wheelbase

x mm	caster
76.9	0°
76.5	2°
75.7	4°
74.9	6°
74.1	8°
73.3	10°
72.5	12°

'X' is measured from the C/F face as shown to the rear side of the csk washer.



ICON²



CR664 Alloy Motor Spacer - 1mm - pk2



- AX009 Aeroc Alloy Servo Arm - Short 25T Futaba
- AX010 Aeroc Alloy Servo Arm - Short 23T KO/Sanwa
- CR192 Alloy Servo Arm 25T - Futaba Short
- CR193 Alloy Servo Arm 23T - KO/Sanwa Short



- U8341 Gear Diff Spur Gear 60T 48dp - Icon 2
- U8355 Gear Diff Spur Gear 88T 64dp - Icon 2
- U8356 Gear Diff Spur Gear 80T 64dp - Icon 2
- U8357 Gear Diff Spur Gear 64T 48dp - Icon 2



- AM648068 Super Diff Gear 48P 68T
- AM648072 Super Diff Gear 48P 72T
- AM648074 Super Diff Gear 48P 74T
- AM648076 Super Diff Gear 48P 76T
- AM648080 Super Diff Gear 48P 80T
- AM648084 Super Diff Gear 48P 84T
- AM664070 Super Diff Gear 64P 70T
- AM664074 Super Diff Gear 64P 74T
- AM664078 Super Diff Gear 64P 78T
- AM664080 Super Diff Gear 64P 80T
- AM664082 Super Diff Gear 64P 82T
- AM664086 Super Diff Gear 64P 86T
- AM664090 Super Diff Gear 64P 90T
- AM664094 Super Diff Gear 64P 94T
- AM664098 Super Diff Gear 64P 98T
- AM664102 Super Diff Gear 64P 102T
- AM664106 Super Diff Gear 64P 106T
- AM664110 Super Diff Gear 64P 110T
- CR507 Kimbrough - Spur Gear 94T - 64DP - #229
- CR508 Kimbrough - Precision Gear 64T-48DP-#300
- CR510 Kimbrough - Spur Gear 66T - 48DP - #301
- CR511 Kimbrough - Spur Gear 69T - 48DP - #150
- CR512 Kimbrough - Spur Gear 72T - 48DP - #143
- CR513 Kimbrough - Spur Gear 78T - 64DP - #202
- CR515 Kimbrough - Spur Gear 76T - 64DP - #199
- CRW48060 Diff Spur 48DP - 60T - for Diff or Spool Axle

- U1954 Pro - Thrust Bearing
- U4811 "1/8"" Silicone Nitride Ball (pk12)"



- CR280 Ti Pro Ball Studs - Short - (pr)
- U7828 Titanium Ball Stud Low (Ultra Short) (pk4)



- CR024 CORE RC - Serrated M4 Steel Wheel Nut pk4
- CR035 CORE RC - Serrated Alloy M4 Nuts; Blue pk 4
- CR036 CORE RC - Serrated Alloy M4 Nuts; Violet pk 4
- CR196 CORE RC - Serrated Alloy M4 Nuts - Black - pk4
- CR304 Titanium Wheel Nuts M4 - pk4
- U2135 M4 Nyloc Wheel Nut - Purple Alloy (pk4)
- U2810 M4 Nyloc Wheel Nut - Red Alloy (pk4)
- U2811 M4 Nyloc Wheel Nut - Blue Alloy (pk4)
- U2812 M4 Nyloc Wheel Nut - Black Alloy (pk4)



- U4328 Impact Servo Saver
- U4329 Impact Servo Saver Mouldings
- U4330 Impact Servo Saver Springs



- CR310 Alloy Csk Hex Screws M3 x 6 pk10
- CR311 Alloy Csk Hex Screws M3 x 8 pk10
- CR312 Alloy Csk Hex Screws M3 x 10 pk10
- CR313 Alloy Csk Hex Screws M3 x 12 pk10
- CR314 Alloy Button Head Hex Screws M3 x 6 pk10
- CR315 Alloy Button Head Hex Screws M3 x 8 pk10
- CR316 Alloy Button Head Hex Screws M3 x 10 pk10
- CR320 Titanium Csk Hex Screws M3 x 6 pk10
- CR321 Titanium Csk Hex Screws M3 x 8 pk10
- CR322 Titanium Csk Hex Screws M3 x 10 pk10
- CR323 Titanium Csk Hex Screws M3 x 12 pk10
- CR327 Titanium Button Head Hex Screws M3 x 6 pk10
- CR328 Titanium Button Head Hex Screws M3 x 8 pk10
- CR329 Titanium Button Head Hex Screws M3 x 10 pk10



ICON²



U8353 C/F Gear Diff Axle - Icon 2



U3582 Precision Balance Pivot Set



U4946 Pro Ball Bearing 5 x 10 x 4 sealed - pr

U7690 Pro Ball Bearings 1/4 x 3/8 x 1/8 FI Shielded

U7730 Pro-Ball Bearing 4x8x3 Sealed - (pr)



U7897 Alloy Pivot Spacer 1mm - Atom 2 (pr)

U7918 Alloy Pivot Mount - Atom 2

U7919 Alloy Pivot Block - Atom 2



U7774 M3 Alloy Washer Black 1.5 mm (pk10)



U8065 M3 Alloy Thread Inserts - pk8



U7825 Titanium Pivot Ball 5.5mm Low (pr)



U8123 C/F Camber Strap -6mm width 2deg - Icon

U8124 C/F Camber Strap 1.5deg - Icon

U8358 C/F Camber Strap -6mm width 1.5deg - Icon



U7943 Alloy Spacer Clip 0.5mm (pk4)

U7944 Alloy Spacer Clip 0.75mm (pk4)



U8121 Alloy Ride Height Spacer 0.75mm - Icon (pr)

U8122 Alloy Ride Height Spacer 0.50mm - Icon (pr)



U8186 Ball Diff Set - Icon



U8126 Mass Damper Shaft

U8128 Mass Damper Weight 23g

U8129 Mass Damper Weight 12g

U8130 Front Spring Red Dot - Eclipse 3 (pr)

U8131 Front Spring Green Dot - Eclipse 3 (pr)

U8137 Mass Damper Set



U8127 Alloy Chassis - Icon



U8125 Alloy Hub Carriers - Icon (pr)

SPARES LISTS

Bearings & Balls

U1439	Ball Bearing - 5x9x3 Shield - (pr)
U2148	Ball Bearing - 5x10x4 Shield - (pr)
U3075	Ball Bearing - 4x8x3mm Red Seal - (pr)
U4809	Ball Bearing - 1/4x3/8x1/8 Shield - (pr)
U4980	Ball Bearing - 1/4x3/8x1/8 Flanged Yellow - (pr)

Bodies & Decals

MT011003	Montech F1 Electric Car 1/10 F2011 Body
MT013012	Montech F1 Electric Car 1/10 F13 Body
MT015006	Montech Wing F1 Front Black
MT015007	Montech Wing F1 Rear Black
MT015008	Montech Wing F1 Rear White
MT015009	Montech Wing F1 Front White
MT017003	Montech F1 Car Body - F17
MT017006	Montech F1 2017 Front Wing Black
MT017007	Montech F1 2017 Front Wing White
MT018009	Montech F18 F1 Body
TRG5015	TRG F1 1/10 Driver Helmet
TRG5016	TRG Front Wing (Black/F103 & F104)
TRG5017	TRG Rear Wing (Black/F103 & F104)
TRG5026	TRG Front Wing (White/F103 & F104)
TRG5027	TRG Rear Wing (White/F103 & F104)
TRG5060	Advance Front Wing - Black - F103-F104
TRG5061	Advance Front Wing - White - F103-F104
TRG5062	Advance Rear Wing - Black - F103-F104
TRG5063	Advance Rear Wing - White - F103-F104
TRG5064	TRG F1 1/10 Driver Helmet 08
U8135	Decals - Icon

Chassis Parts

U119	Aerial Tube - Pack 4
U4327	Alloy Servo Mount Black-Icon
U4627	Chassis Post Long - SS GT,A1,A2,E1-E4,Icon
U4741	6mm Offset Servo Arms
U4773	Aerial Mount
U4849	Steering Arm Posts pr - A1,Icon
U4950	Body Posts 4pcs - E1-E4,A2,FT,ST,Icon
U7488	Lipo O Ring pk6 - E2,Icon
U7870	Hub Carriers pr - A2,Icon
U7891	Alloy Lock Stop pr - A2,Icon
U7938	Chassis Post 8mm pr - E3,E4,Icon
U8074	C/F Chassis - Icon
U8075	C/F Front Wishbone - Icon (pr)
U8076	C/F Camber Strap (2 deg) - Icon
U8077	C/F Ride Height Spacers - Icon (x4 pcs)
U8079	C/F Side LiPo Stop - Icon (pr)
U8080	C/F Multi Mount - Icon
U8081	C/F Damper Mount - Icon
U8082	C/F Pod Rear Brace - Icon
U8083	C/F Pod Base - Icon
U8084	C/F Radius Arm - Icon
U8114	Alloy Steering Housing - Icon
U8118	Front Body Post - Icon
U8160	Steering Pivot - Icon
U8161	Chassis Post Extra Strong - Icon pk3
U8264	Alloy M3 Turnbuckle - 35mm - Black (pr)
U8346	Alloy M3 Turnbuckle - 39mm - Black (pr)
U8348	C/F Side Link Mount - Icon 2 (pr)
U8349	Alloy Horizontal Wing Mount - Icon 2
U8350	C/F Vertical Wing Mount - Icon 2
U8354	Manual - Icon 2

Hardware

U1549	SPEED PACK - M4 Nuts and Washers
U1551	SPEED PACK - E Clips -2 x 8pcs
U1606	SPEED PACK - Servo Tape - 30pk
U2128	SPEED PACK - Grub-Set Screws M3 M4
U3021	SPEED PACK - M3x6 Csk Hd - (pk10)

U3022

U3023

U3524

U3572

U3753

U4124

U4155

U4241

U4835

U4837

U4862

U4987

U7102

U7103

U7104

U7105

U7107

U7109

U7113

U7122

U7125

U7677

U7689

U7710

U7711

U7712

U7743

U7832

U7833

U7884

U8089

U8133

U8336

U8347

U8351

U8352

SPEED PACK - M3x8 Csk Hd - (pk10)

SPEED PACK - M3x10 Csk Hd - (pk10)

SPEED PACK-M4x8 Csk Hi Tensile (4)

SPEED PACK - M3x14 Grub Screw pk4

SPEED PACK - M2.5x6 Button Hd pk8

SPEED PACK - Shims 5 x 7 x 0.4mm - pk6

SPEED PACK - M3 Csk Washers-Blk Alloy (10)

SPEED PACK - M3 Alloy Nyloc Nuts -Blk- pk10

SPEED PACK - M3 Steel Nut Black (pk8)

SPEED PACK M2.5x10 Cap Hd (pk8)

Black Alloy Washers 0.50mm (pk12)

SPEED PACK Needle Roller 1.5x11.8 (pk8)

SPEED PACK - M3x4 Button Hd (pk10)

SPEED PACK - M3x6 Button Hd (pk10)

SPEED PACK - M3x8 Button Hd (pk10)

SPEED PACK - M3x10 Button Hd (pk10)

SPEED PACK - M3x16 Button Hd (pk10)

SPEED PACK - M3x25 Button Hd (pk10)

SPEED PACK - M3x10 Cap Hd (pk10)

SPEED PACK - M3x12 Csk Hd (pk10)

SPEED PACK - M3x25 Csk Hd (pk10)

SPEED PACK - M2.5x8 Csk Hd (pk10)

M3 Brass Inserts - pk10

M3 Black Alloy Washers 1.00mm (pk10)

M3 Black Alloy Washers 2.00mm (pk10)

M3 Black Alloy Washers 3.00mm (pk10)

M2.5 X 8 Button Screws (pk10)

Ball Stud Low (Ultra Short) (pk4)

Ball Stud Low (Short) (pk4)

M3x6 Grub Screw Dome End (pk4)

M3 Alloy Washer Black 4.0 mm (pk10)

6 x 1 'O'ring pk10 - Mi7,Icon,E4

Pro Body Clips (pk 10)

M4 Alloy Thread Insert (pr)

M3x5 CSK Hd (pk10)

M3x14 CSK Hd (pk10)

Option Parts

AM648068	Super Diff Gear 48P 68T
AM648072	Super Diff Gear 48P 72T
AM648074	Super Diff Gear 48P 74T
AM648076	Super Diff Gear 48P 76T
AM648080	Super Diff Gear 48P 80T
AM648084	Super Diff Gear 48P 84T
AM664070	Super Diff Gear 64P 70T
AM664074	Super Diff Gear 64P 74T
AM664078	Super Diff Gear 64P 78T
AM664080	Super Diff Gear 64P 80T
AM664082	Super Diff Gear 64P 82T
AM664086	Super Diff Gear 64P 86T
AM664090	Super Diff Gear 64P 90T
AM664094	Super Diff Gear 64P 94T
AM664098	Super Diff Gear 64P 98T
AM664102	Super Diff Gear 64P 102T
AM664106	Super Diff Gear 64P 106T
AM664110	Super Diff Gear 64P 110T
AX009	Aerox Alloy Servo Arm - Short 25T Futaba
AX010	Aerox Alloy Servo Arm - Short 23T KO/Sanwa
CR024	CORE RC - Serrated M4 Steel Wheel Nut pk4
CR035	CORE RC - Serrated Alloy M4 Nuts; Blue pk4
CR036	CORE RC - Serrated Alloy M4 Nuts; Violet pk 4
CR192	Alloy Servo Arm 25T - Futaba Short
CR193	Alloy Servo Arm 23T - KO/Sanwa Short
CR196	CORE RC - Serrated Alloy M4 Nuts - Blk - pk4
CR280	Ti Pro Ball Studs - Short - (pr)
CR304	Titanium Wheel Nuts M4 - pk4
CR310	Alloy Csk Hex Screws M3 x 6 pk10
CR311	Alloy Csk Hex Screws M3 x 8 pk10
CR312	Alloy Csk Hex Screws M3 x 10 pk10
CR314	Alloy Button Head Hex Screws M3 x 6 pk10
CR315	Alloy Button Head Hex Screws M3 x 8 pk10

SPARES LISTS

CR316 Alloy Button Head Hex Screws M3 x 10 pk10
 CR320 Titanium Csk Hex Screws M3 x 6 pk10
 CR321 Titanium Csk Hex Screws M3 x 8 pk10
 CR322 Titanium Csk Hex Screws M3 x 10 pk10
 CR327 Titanium Button Head Hex Screws M3 x 6 pk10
 CR328 Titanium Button Head Hex Screws M3 x 8 pk10
 CR329 Titanium Btn Head Hex Screws M3 x 10 pk10
 CR507 Kimbrough - Spur Gear 94T - 64DP - #229
 CR508 Kimbrough - Precision Gear 64T-48DP-#300
 CR509 Kimbrough - Thin Pro/Gear 88T - 64DP-#709
 CR510 Kimbrough - Spur Gear 66T - 48DP - #301
 CR511 Kimbrough - Spur Gear 69T - 48DP - #150
 CR512 Kimbrough - Spur Gear 72T - 48DP - #143
 CR513 Kimbrough - Spur Gear 78T - 64DP - #202
 CR515 Kimbrough - Spur Gear 76T - 64DP - #199
 CR664 Alloy Motor Spacer - 1mm - pk2
 CRW48060 Diff Spur 48DP - 60T - for Diff or Spool Axle
 U1954 Pro - Thrust Bearing
 U2135 M4 Nyloc Wheel Nut - Purple Alloy (pk4)
 U2810 M4 Nyloc Wheel Nut - Red Alloy (pk4)
 U2811 M4 Nyloc Wheel Nut - Blue Alloy (pk4)
 U2812 M4 Nyloc Wheel Nut - Black Alloy (pk4)
 U3582 Precision Balance Pivot Set
 U4112 S/Steel Shims 1/4x5/16x0.004-SS/At/Ecl
 U4328 Impact Servo Saver - Mi5-Mi7,FT,E4,Icon
 U4808 1/8" Chrome Steel Ball -At/Ecl - pk12
 U4811 1/8" Silicone Nitride Ball (pk12)
 U4855 Diff Washer pr - A1,A2,E1-E4,Icon
 U4861 Diff Rebuild Kit - E1-E4,A2,Icon
 U4946 Pro Ball Bearing 5 x 10 x 4 sealed - pr
 U4970 C/F Rear Axle - E1-E4,Icon
 U4974 LH Wheel Clamp - E1-E4,Icon
 U7690 Pro Ball Bearings 1/4 x 3/8 x 1/8 FI Shielded
 U7709 M3 Black Alloy Washers 0.75mm (pk10)
 U7730 Pro-Ball Bearing 4x8x3 Sealed - (pr)
 U7774 M3 Alloy Washer Black 1.5 mm (pk10)
 U7825 Titanium Pivot Ball 5.5mm Low (pr)
 U7828 Titanium Ball Stud Low (Ultra Short) (pk4)
 U7829 Titanium Ball Stud Low (Short) (pk4)
 U7883 Steel Diff Axle - A2,E3,E4,Icon
 U7897 Alloy Pivot Spacer 1mm pr - A2,E3,E4,Icon
 U7918 Alloy Pivot Mount - A2,E3,E4,Icon
 U7919 Alloy Pivot Block - A2,E3,E4,Icon
 U7943 Alloy Spacer Clip 0.5mm pk4 - E3,E4,Icon
 U7944 Alloy Spacer Clip 0.75mm pk4 - E3,E4,Icon
 U8065 M3 Alloy Thread Inserts pk8 - Icon
 U8104 Wheel Hex Clamp - Icon
 U8120 Alloy Washer Carrier RH - Icon
 U8121 Alloy Ride Height Spacer 0.75mm - Icon (pr)
 U8122 Alloy Ride Height Spacer 0.50mm - Icon (pr)
 U8123 C/F Camber Strap -6mm Width 2deg - Icon
 U8124 C/F Camber Strap 1.5deg - Icon
 U8125 Alloy Hub Carriers pr - A1,A2,Icon
 U8126 Mass Damper Shaft
 U8127 Alloy Chassis - Icon
 U8128 Mass Damper Weight 23g
 U8129 Mass Damper Weight 12g
 U8130 Mass Damper Spring - Red - Medium (pr)
 U8131 Mass Damper Spring - Green - Hard (pr)
 U8137 Mass Damper Set
 U8186 Ball Diff Set - Icon
 U8353 C/F Geardiff Axle - Icon 2
 U8358 C/F Camber Strap -6mm Width 1.5deg - Icon

Springs

U4838 Rear Springs Black - Soft pr - Icon
 U4839 Rear Springs Silver - Med/Soft pr-Icon
 U4840 Rear Springs Gold -Med/Hard pr - Icon
 U4841 Rear Springs Nickel - Hard pr - Icon
 U4846 Spring Tuning Set Rear - A1,A2,E1-E4,Icon
 U7322 Rear Spring Red Dot-Hard Ultra pr-Icon
 U7323 Rear Spring Black - Ultra pr - A1,A2,E1-E3,Icon

U7886
 U7887
 U7888
 U7889
 U7890

Suspension

U4274 Pro Ball Stud Short - pk4
 U4302 Ball Socket Short (Black) pk4
 U4700 Pro Ball Stud - Ultra Long - (pk4)
 U4847 Rear Spring Seat - A1,A2,E1-E4,Icon
 U4851 Side Spring Seat pr - A1,A2,E1-E4,Icon
 U4968 Ball Sockets Low Profile -Eclipse - pk4
 U7787 Shock Top Ball Dia 5.5mm - Mi7 (pk4)
 U7832 Ball Stud Low (Ultra Short) (pk4)
 U7833 Ball Stud Low (Short) (pk4)
 U7871 Pivot Mouldings - A2,E3,E4,Icon
 U7872 Side Link pr - A2,E3,E4,Icon
 U8087 Alloy Damper Body - Icon, E4
 U8115 Front King Pin - Icon (pr)
 U8116 Front Axle - Icon (pr)
 U8117 King Pin Spacer - Icon (pr)
 U8136 Pivot Ball Assembly - Icon (pr)
 U8337 Damper Rod V2 - Icon, E4

Transmission

U4972 Ride Height Adjusters- 0.00-1.50 4prs - Icon
 U4973 Ride Height Adjusters 0.25-1.75 4prs - Icon
 U7899 Diff Spacer Set - A2,E4,Icon
 U8112 Alloy Trans Housing RH - Icon
 U8113 Alloy Trans Housing LH - Icon
 U8338 Geardiff Wheel Hex RH Side - Icon 2
 U8339 Geardiff Mouldings - Icon 2
 U8340 Geardiff Output Shaft - Icon 2
 U8341 Gear Diff Spur Gear 60T 48dp - Icon 2
 U8342 Steel Geardiff Axle - Icon 2
 U8343 Geardiff Wheel Hex LH Side - Icon 2
 U8344 Geardiff Rebuild Kit - Icon 2
 U8345 O'Ring 5x1.5 Red (pk 10)
 U8355 Gear Diff Spur Gear 88T 64dp - Icon 2
 U8356 Gear Diff Spur Gear 80T 64dp - Icon 2
 U8357 Gear Diff Spur Gear 64T 48dp - Icon 2

Tyres & Wheels

PS-0575 Shimizu F104 Rear Slick Tyre - R1 Soft V2 - pr
 PS-0572 Shimizu F104 Rear Slick Tyre - Med/Hard V2 pr
 PS-0571 Shimizu F104 Front Slick Tyre - Soft V2 - pr
 JF1-28RAF1 Rear 28Sh Dia 59mm
 JF1-30RAF1 Rear 30Sh Dia 59mm
 JF1-42FA F1 Front 42Sh Dia 59mm
 JF1-45FA F1 Front 45Sh Dia 59mm
 XG-575C Shimizu F1 Rear Tyre Soft - Pre-Glued V2 - pr
 XG-571C Shimizu F1 Front Tyre Soft - Pre-Glued V2 - pr
 XG-572C Shimizu F1 Rear Tyre Med - Pre-Glued V2 - pr
 XG-575D Shimizu F1 Rear Tyre Soft - Pre-Glued V3 - pr
 AM042402 1/10 F1 Tyre Rim Front Med Glued (2) Korea
 AM042406 1/10 F1 Tyre Rim Rear 24 Sh (2) Korea
 AM042407 1/10 F1 Tyre Rim Rear 28 Sh - pk2



ICON²Driver: **Test Driver**Track: **Any**Event: **Kit Build**Date: **18/2/22**

Qualifying:

Final:

Best Lap:

TRACK TYPEGrip Level ☐ High ☐ Medium ☒ LowType ☐ Tight ☐ Open ☐ Mixed ☒Condition ☐ Flat ☐ Bumpy ☐ Mixed ☒Surface ☐ Tarmac (Asphalt) ☒ CarpetTrack Temp °CWeather

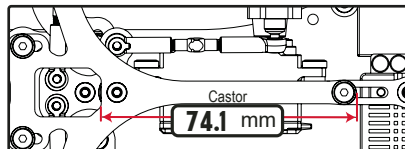
Notes:

TYRESTyres **Pit Shimizu BRCA**Cleaner **Brake Cleaner**Additive **Cs High Grip**Additive Time Front: **4** mins Rear: **15** mins

Heating Time Front: mins Rear: mins

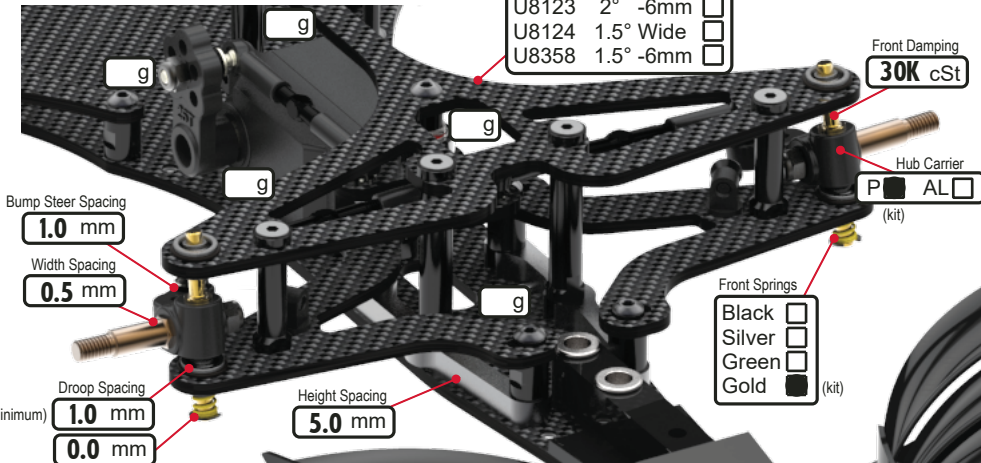
Heating Temp Front: °C Rear: °C

Notes:

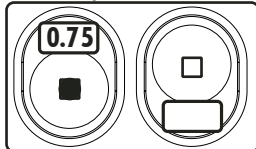
FRONTKEY: CF = Carbon Fibre, AL = Aluminium, P = Plastic, F = Front, R = Rear
H = High, L = Low, Y = Yes, N = No, V = Vertical, H = HorizontalRide Height **4.0** mmDroop **2.0** mmToe Out **0.5** deg St Links **21** mmServo Horn Height **16** mm Saver ☐Steering Travel **24** in outCastor **8.0** deg

Notes:

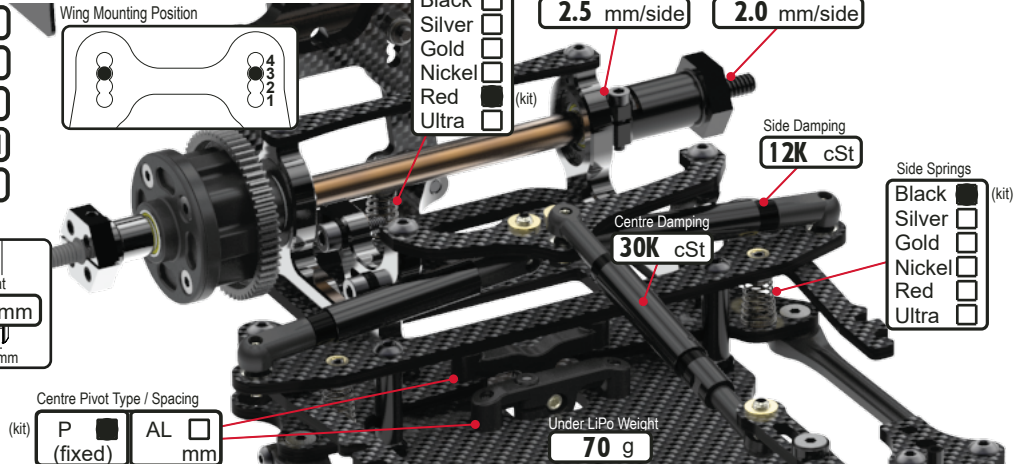
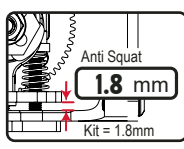
(1mm Minimum)

**REAR**KEY: CF = Carbon Fibre, AL = Aluminium, P = Plastic, F = Front, R = Rear
H = High, L = Low, Y = Yes, N = No, V = Vertical, H = HorizontalRide Height **4.2** mmDroop **2.0** mmTrack width **190** mmDiff Type ☒ Gear ☐ Ball ☐ Spool ☐Diff Oil (Gear Diffs) **1000** cSt

Eccentric Height



Notes:

**BODYSHELL**Body **Montech F18**Rear Wing **Montech**Rear Wing Height **110** mmFront Wing **Montech '17**Front Wing Flaps **3**Front Post Hole # Front Post Hanger # Rear Post Hole # **6**Rear Post Hanger # **1**Wing Offset Rwrld mmBody Weight g**CHASSIS**Chassis ☒ AL ☐ CF

Wheelbase

Short ☒ Long ☐Total Weight **1052** g

Weight Distribution

F : R

Mass Dampers

F cStR cSt

Notes:

ELECTRONICSE.S.C. **LRP Flow X**Servo **Ko Propo**RX **Sanwa**LiPo **LRP Graphene 4 4000**Motor **LRP 21.5T**Rotor Dia. **Std** mmTiming **-5** degGear Pitch **48** ☒ **64** ☐Pinion **32** tSpur **88** tRatio

Notes:

ICON²

Driver: _____ Track: _____ Event: _____
 Date: _____ Qualifying: _____ Final: _____ Best Lap: _____

TRACK TYPE

Grip Level ☐ High ☐ Medium ☐ Low ☐
 Type ☐ Tight ☐ Open ☐ Mixed ☐
 Condition ☐ Flat ☐ Bumpy ☐ Mixed ☐
 Surface ☐ Tarmac (Asphalt) ☐ Carpet ☐
 Track Temp _____ °C
 Weather _____

Notes:

TYRES

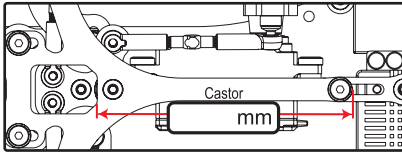
Tyres _____
 Cleaner _____
 Additive _____
 Additive Time Front: _____ mins Rear: _____ mins
 Heating Time Front: _____ mins Rear: _____ mins
 Heating Temp Front: _____ °C Rear: _____ °C

Notes:

FRONT

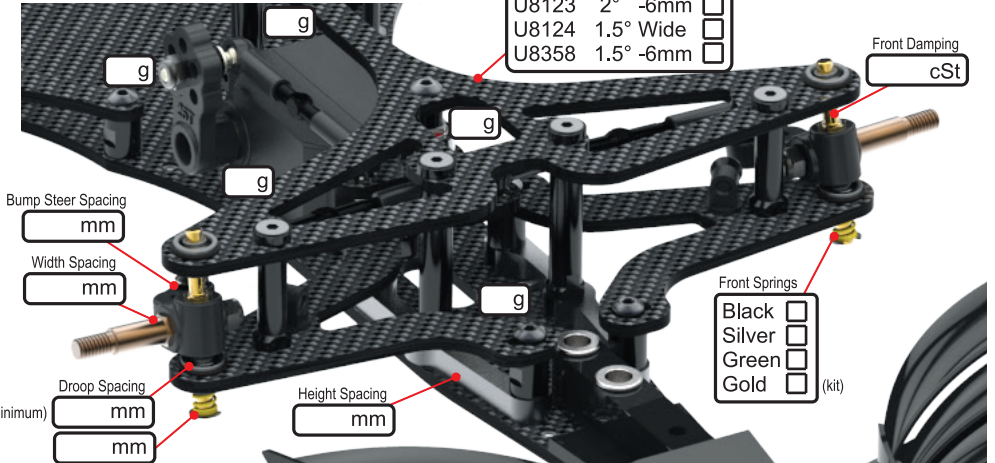
KEY: CF = Carbon Fibre, AL = Aluminium, P = Plastic, F = Front, R = Rear
 H = High, L = Low, Y = Yes, N = No, V = Vertical, H = Horizontal

Ride Height _____ mm
 Droop _____ mm
 Toe Out _____ deg St Links _____ mm
 Servo Horn Height _____ mm Saver ☐
 Steering Travel _____ in _____ out
 Castor _____ deg



Notes:

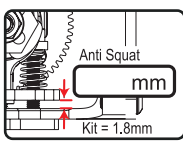
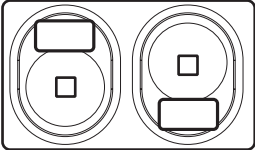
(1mm Minimum)

**REAR**

KEY: CF = Carbon Fibre, AL = Aluminium, P = Plastic, F = Front, R = Rear
 H = High, L = Low, Y = Yes, N = No, V = Vertical, H = Horizontal

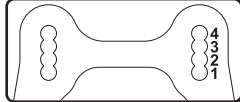
Ride Height _____ mm
 Droop _____ mm
 Track width _____ mm
 Diff Type ☐ Gear ☐ Ball ☐ Spool ☐
 Diff Oil (Gear Diffs) _____ cSt

Eccentric Height



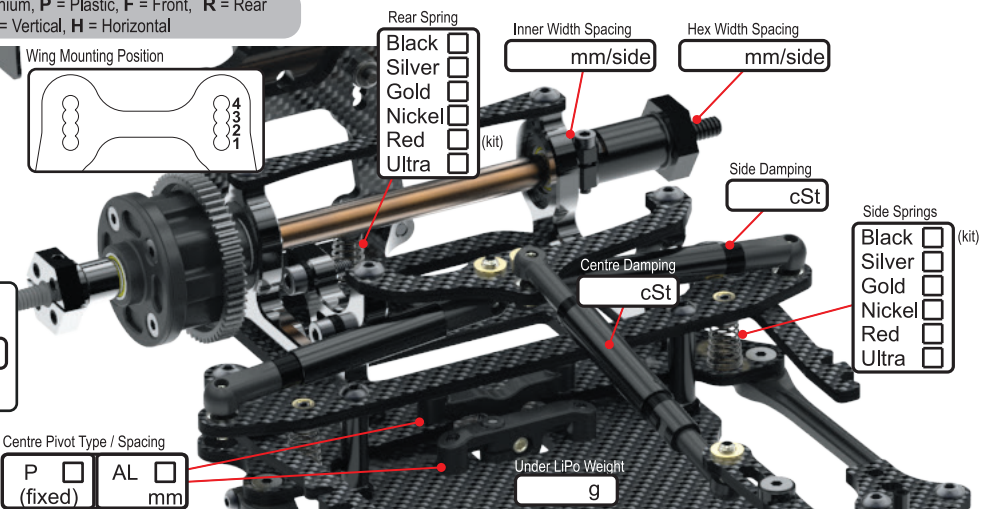
Notes:

Wing Mounting Position



Centre Pivot Type / Spacing

(kit) ☐ P ☐ AL ☐ ☐ (fixed) _____ mm

**BODYSHELL**

Body _____
 Rear Wing _____
 Rear Wing Height _____ mm
 Front Wing _____
 Front Wing Flaps _____
 Front Post Hole # _____
 Front Post Hanger # _____
 Rear Post Hole # _____
 Rear Post Hanger # _____
 Wing Offset Rwrld _____ mm
 Body Weight _____ g

CHASSIS

Chassis ☐ AL ☐ CF ☐
 Wheelbase
 Short ☐ Long ☐
 Total Weight _____ g
 Weight Distribution
 F : R
 Mass Dampers
 F ☐ _____ cSt
 R ☐ _____ cSt

Notes:

ELECTRONICS

E.S.C. _____
 Servo _____
 RX _____
 LiPo _____
 Motor _____
 Rotor Dia. _____ mm
 Timing _____ deg
 Gear Pitch 48 ☐ 64 ☐
 Pinion _____ t
 Spur _____ t
 Ratio _____

Notes: