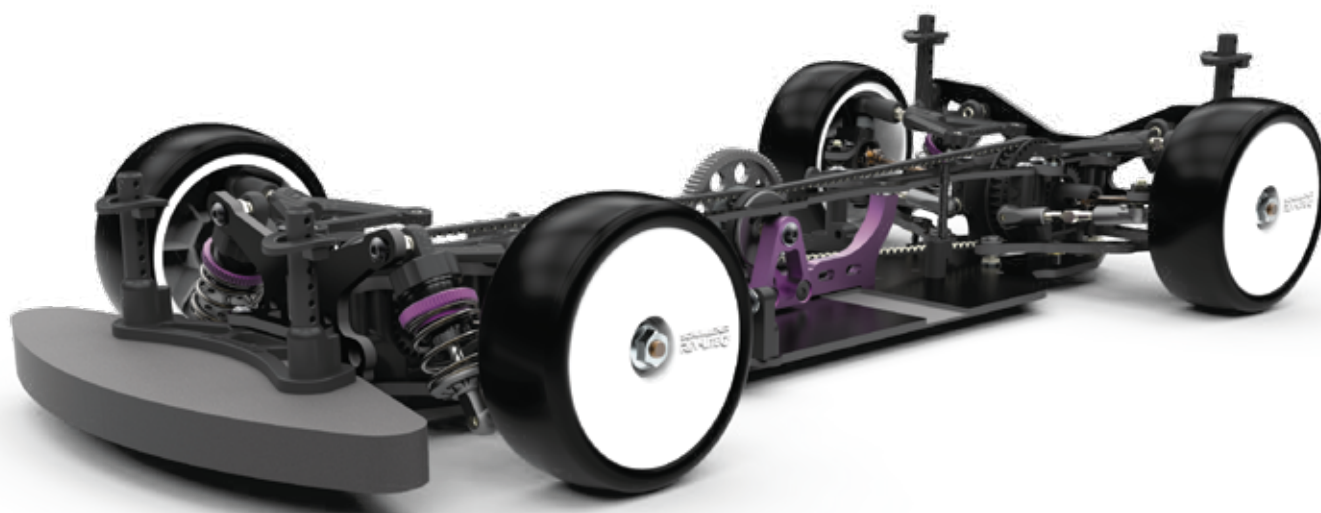


edipe

be inspired to win



Instruction Manual ISS01

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



2S LiPo Battery



Motor and Pinion Gear



Electronic Speed Controller



Battery Charger



Radio Equipment



Steering Servo



Tyre/CA Glue



Bodyshell



Polycarbonate Paint



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 - U3107

Curved Scissors - CR044



ICON KEYS



CORE RC Molybdenum Thrust Race Grease 10ml - Pot - CR520



CORE RC Medium Strength Thread Lock 3ml - CR520



Caution/Important note. Please read.



Front Left of car.



Front Right of car.



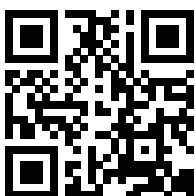
Rear Left of car.



Rear Right of car.

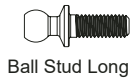


Additional information that will help you build a faster race car.

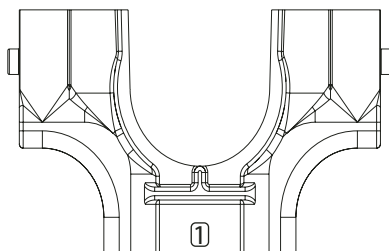


www.racing-cars.com



**Transmission
Housings Assembly**
BAG A - Step 1a
A x2


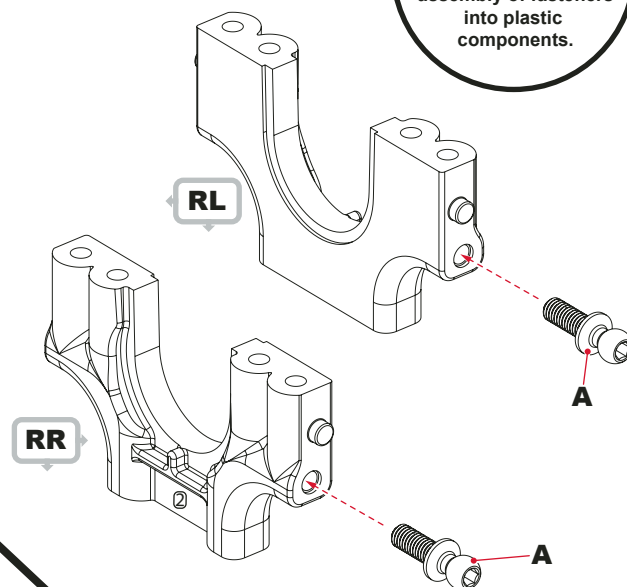
Ball Stud Long



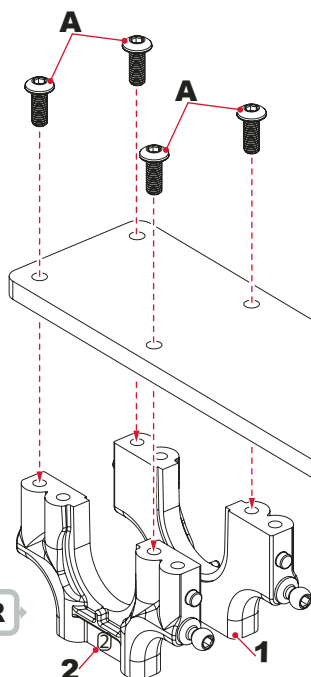
ENSURE the transmission housings labelled '1' are on the left hand side. The transmission housings labelled '2' must be on the right hand side.


RACE TIP

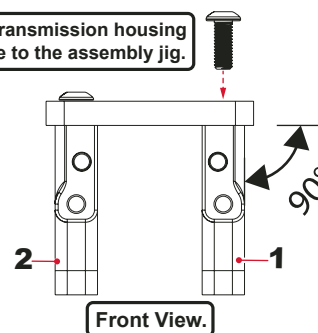
Throughout the build we recommend the use of moly grease to aid assembly of fasteners into plastic components.


**Transmission
Housings Assembly**
BAG A - Step 1b
A x8

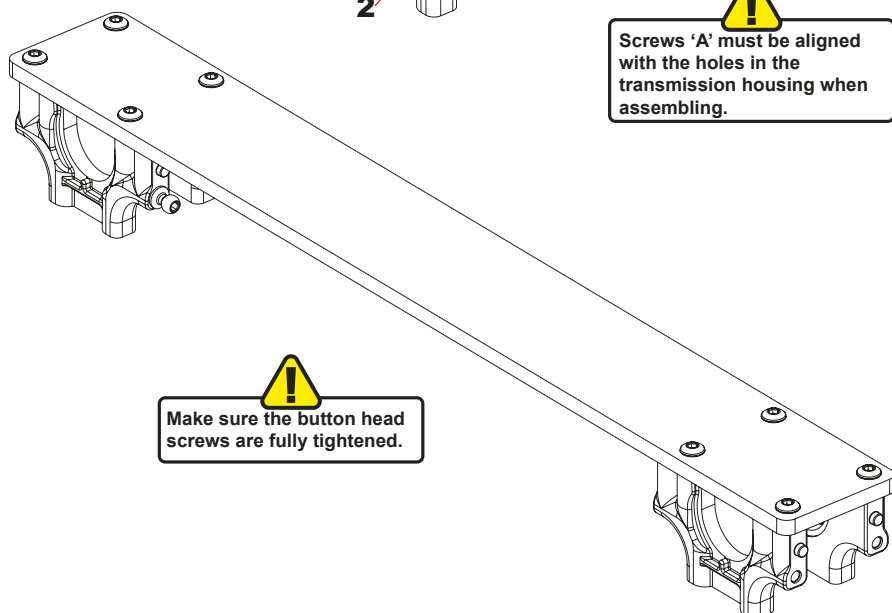

M3x8 Button Hd Screw



Hold transmission housing square to the assembly jig.

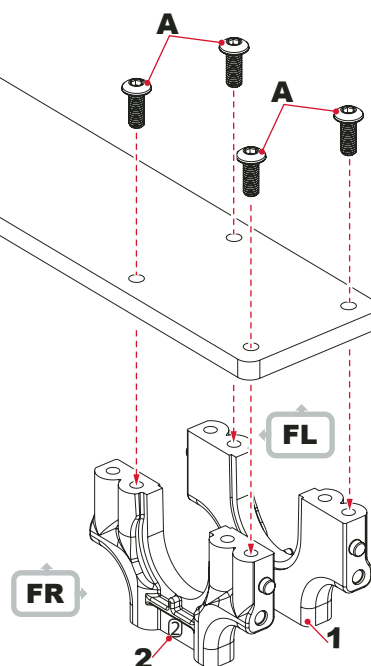


Front View.



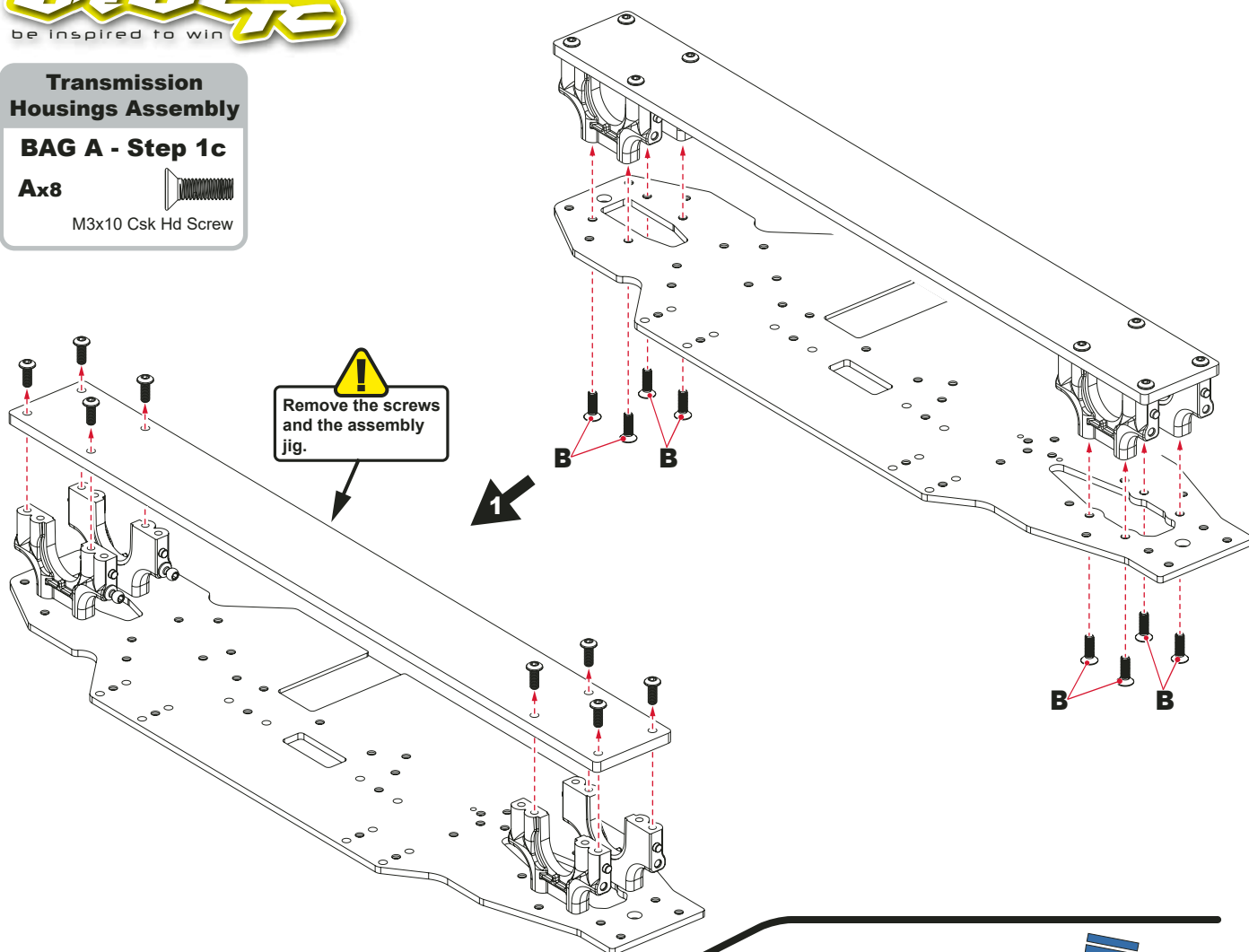
! Screws 'A' must be aligned with the holes in the transmission housing when assembling.

! Make sure the button head screws are fully tightened.



**Transmission
Housings Assembly**
BAG A - Step 1c
Ax8


M3x10 Csk Hd Screw


**Transmission
Housings Assembly**
BAG A - Step 1d
Ax3


M3x6 Csk Hd Screw

Bx2


M3x12 Csk Hd Screw

Cx1

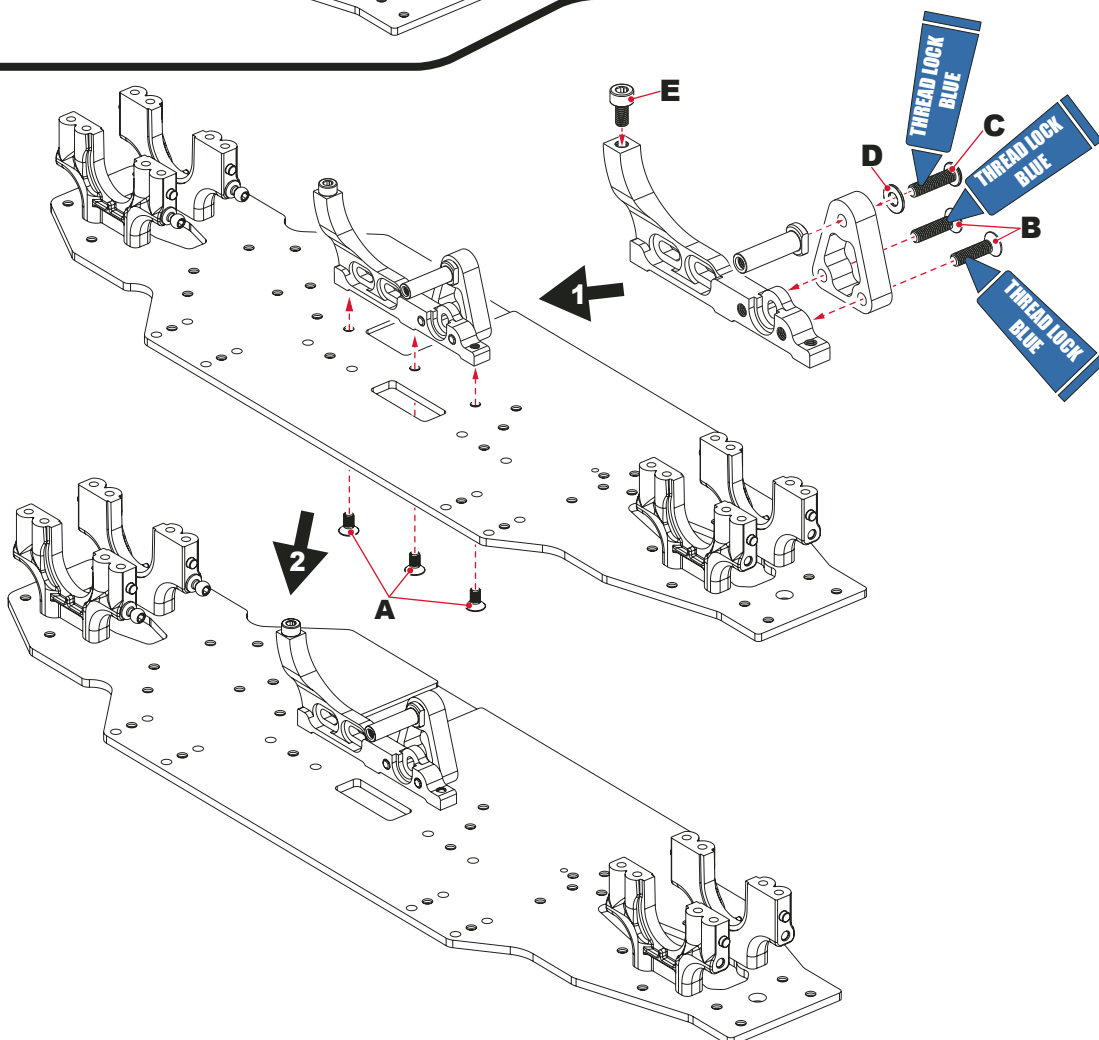

M3x12 Button Hd Screw

Dx1


M3 Washer

Ex1


M3x6 Cap Hd Screw



Rear Diff Assembly
BAG A - Step 2
Ax4

Ø5 x Ø9.5 x 0.1mm Shim

Bx4

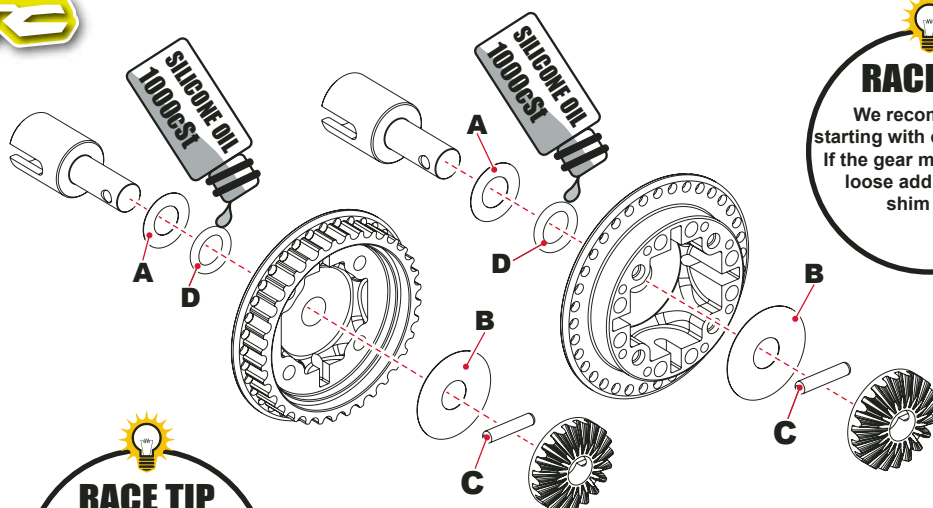
Ø5 x Ø15 x 0.1mm Shim

Cx2

Ø2.0 x 9.8 Pin

Dx2

'O' Ring Ø5 x 1.5


RACE TIP

We recommend starting with one shim A. If there is too much end float on the output shaft add another shim.

RACE TIP

We recommend starting with one shim B. If the gear mesh is too loose add another shim 'B'.

Rear Diff Assembly
BAG A - Step 3a
Ax4

Ø2 x Ø9 x 0.1mm Shim

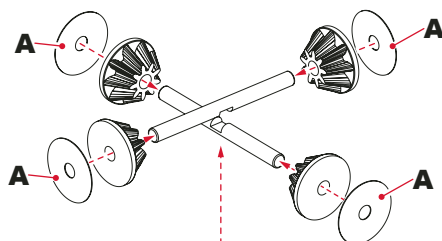
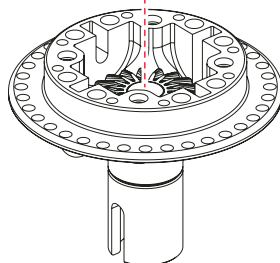
 1XRed
1XBlack

Bx2

Ø26 x 1.0 'O' Ring

Cx4

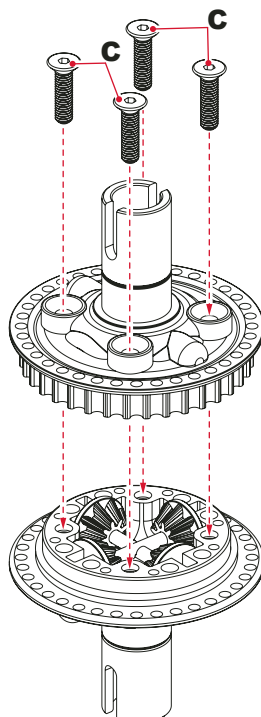
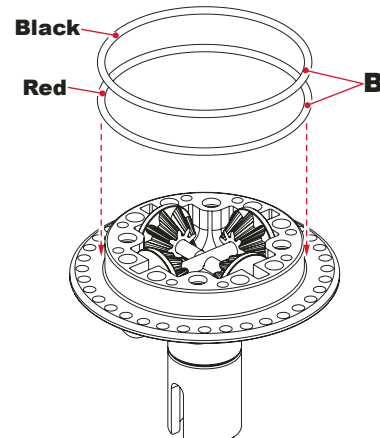
M2.5x10 Csk Hd Screw


1


Fill the diff with silicone oil upto the cross pins.

RACE TIP

Rotate the gears to ensure that their is an even spread of oil. Then top up accordingly.

2

3


REAR DIFF ASSEMBLY

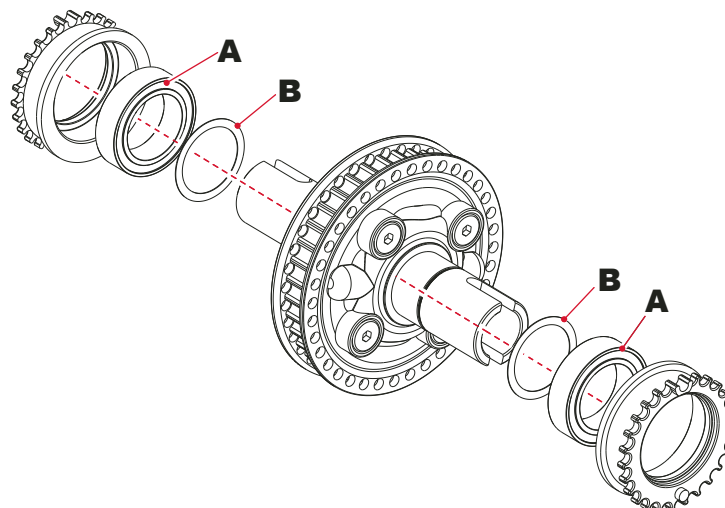
BAG A - Step 3b

A x2

Ø10 x Ø15 x 4mm Bearing

B x2

Ø10 x Ø12.5 x 0.1mm Shim



Spool Assembly

BAG A - Step 4

A x2

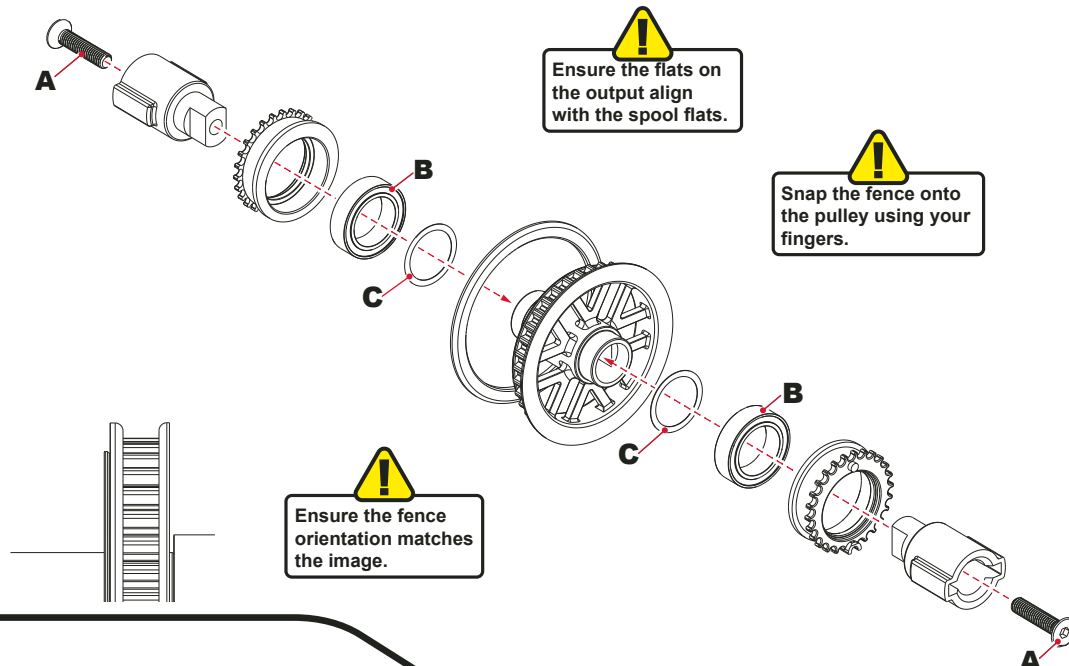
M3 X 14 CSK Screw

B x2

Ø10 x Ø15 x 4mm Bearing

C x2

Ø10xØ12.5 x 0.1mm Shim



Layshaft Assembly

BAG A - Step 5a

A x3

M2.5x6 Button Hd Screw

B x6

M2.5 Washer

C x3

M2.5x10 Csk Hd Screw

D x1

M3x4 Button Hd Screw

E x2

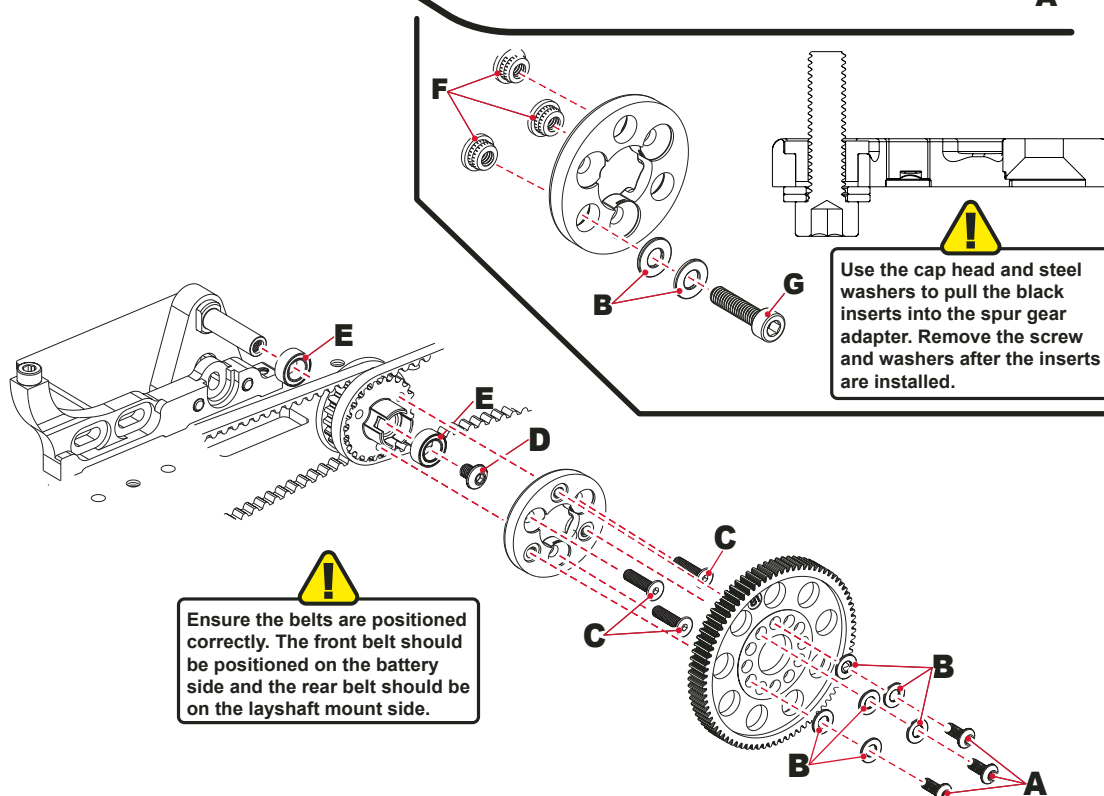
ø3/16xø5/16 Bearing

F x3

M2.5 Insert

G x1

M2.5x10 Cap Hd Screw

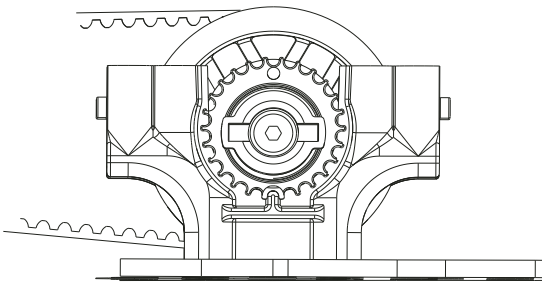
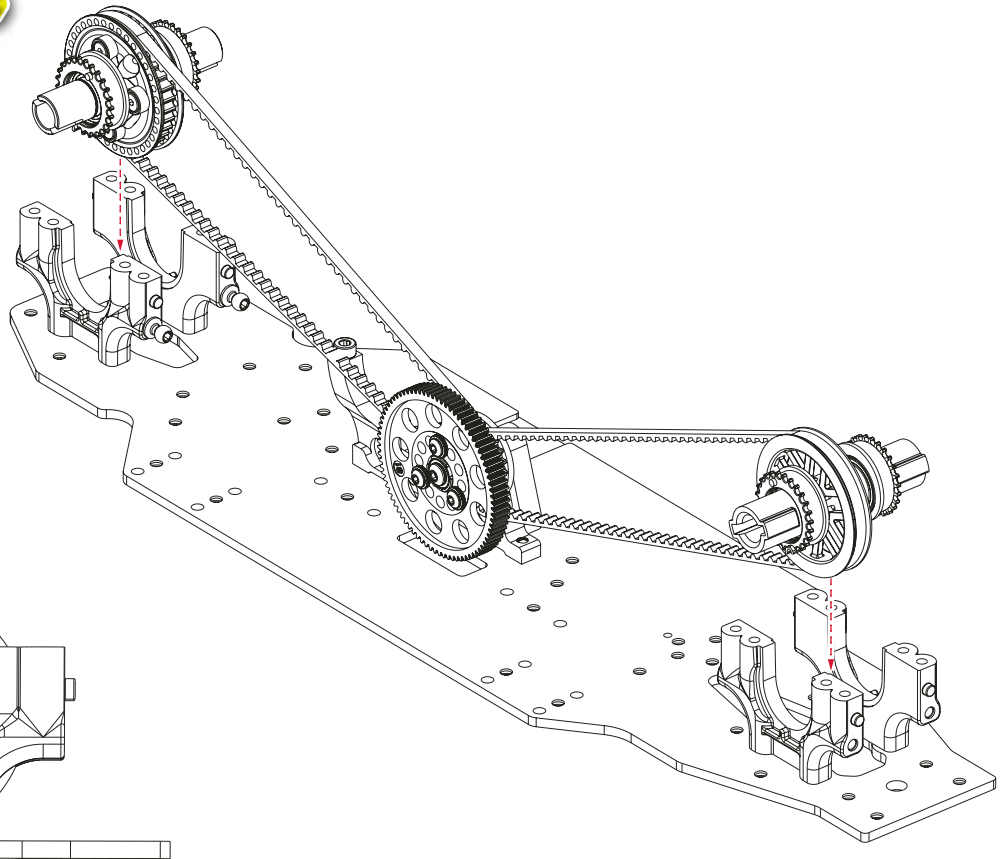


**Transmission
Assembly**

BAG A - Step 5b



The Kit setup utilises low diffs which means the semi-circle is at the bottom and the full circle is at the top.



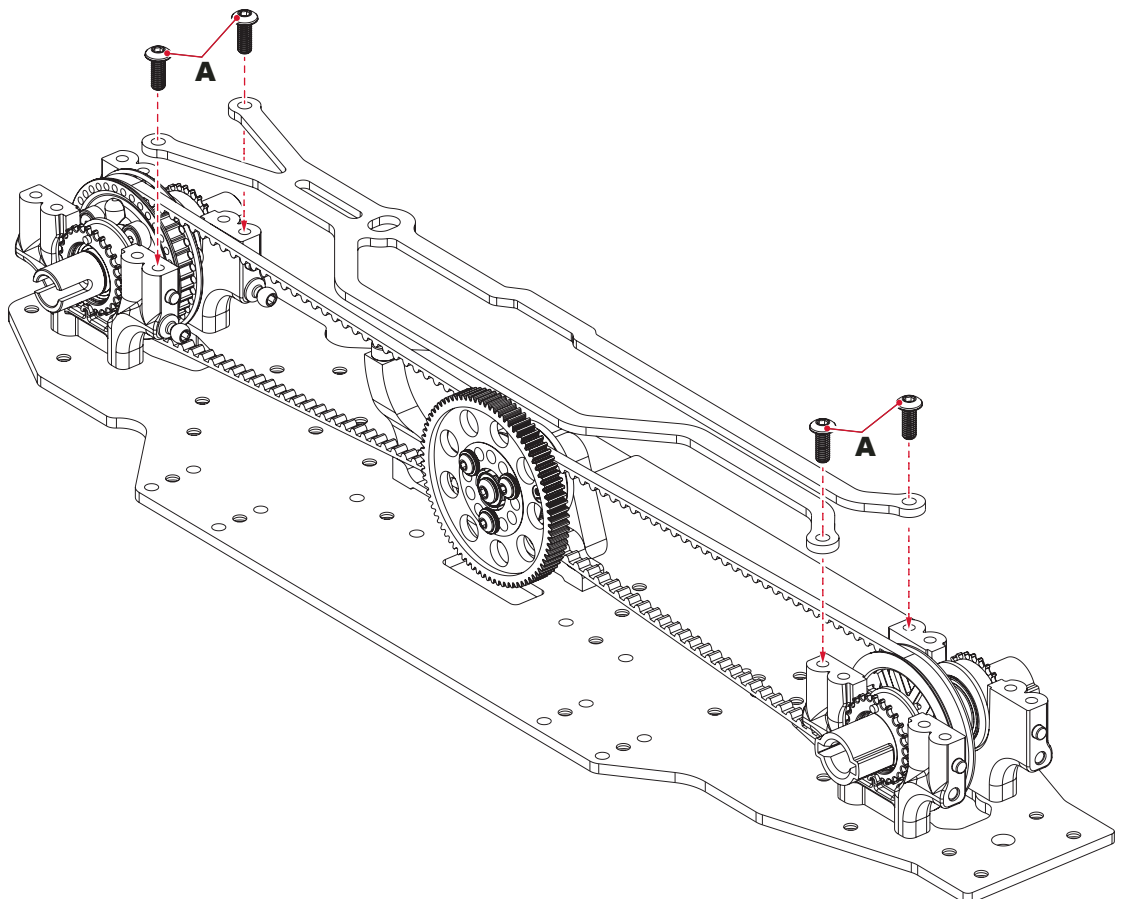
Topdeck Assembly

BAG A - Step 6a

Ax4



M3x8 Button Hd Screw



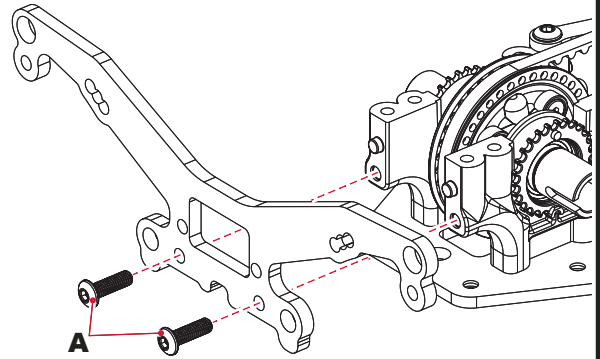
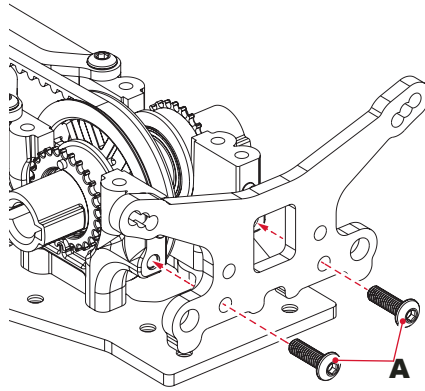
Shock Towers and Topdeck Assembly

BAG A - Step 6b

Ax4



M3x10 Button Hd Screw



Upper link Mount Assembly

BAG A - Step 7

Ax8



Low Ballstud short

Bx16



M3 Washer

Cx8

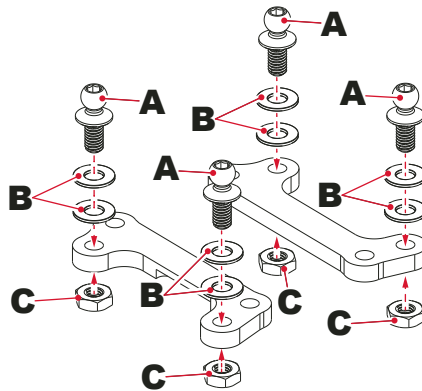


M3 Nut

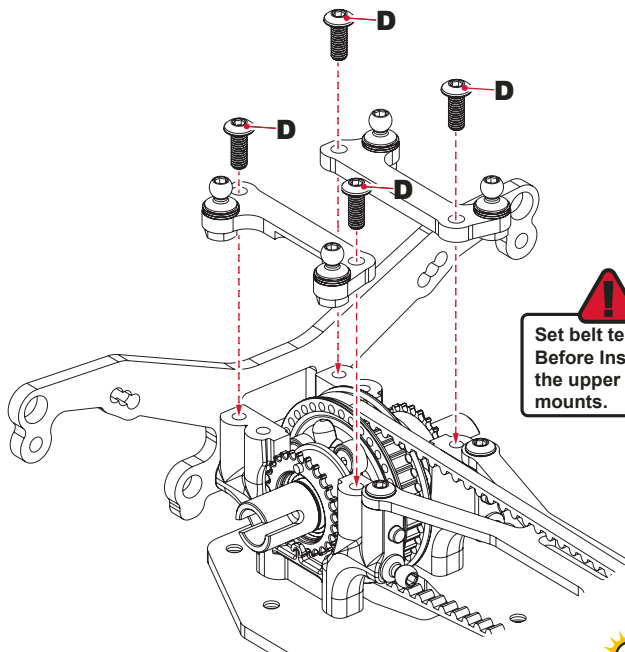
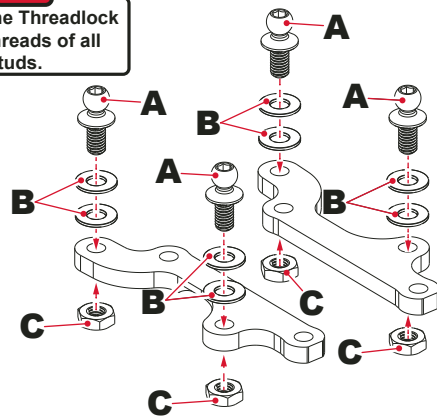
Dx8



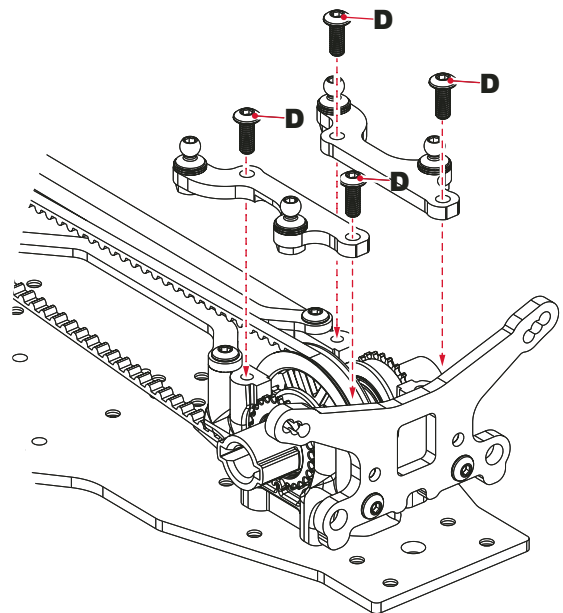
M3x8 Button Hd Screw



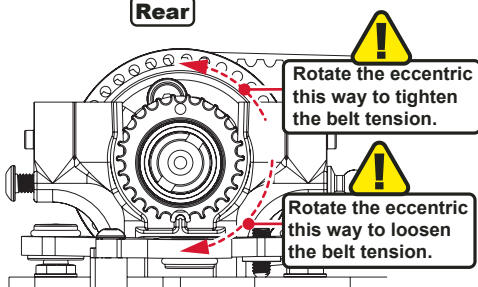
!
Apply the Threadlock to the threads of all 'A' ballstuds.



!
Set belt tension Before Installing the upper link mounts.



Rear



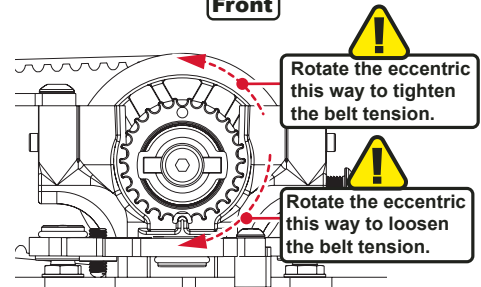
!
Rotate the eccentric this way to tighten the belt tension.

!
Rotate the eccentric this way to loosen the belt tension.

RACE TIP

Ensure all of the components are free to move before assembly.

Front

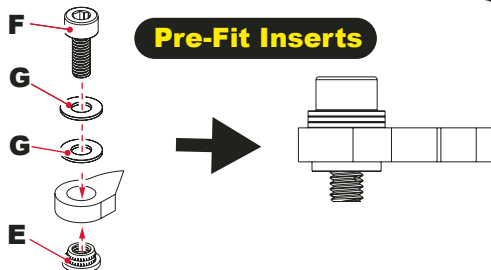


!
Rotate the eccentric this way to tighten the belt tension.

!
Rotate the eccentric this way to loosen the belt tension.

Front Arm Assembly
BAG A - Step 8

- Ax4** M2.5x8 Button Hd Screw
- Bx2** Ø6x1 'O' Ring
- Cx4** Ø5x1 'O' Ring
- Dx2** M3x8 Patched Grub Screw
- Ex2** M3 Thread Insert
- Fx1** M3x12 Cap Hd Screw
- Gx2** Pivot Ball
- Hx1** M3 Nut
- Ix4** Pivot Ball
- Jx2** M3 Washer

Pre-Fit Inserts


Use screw 'F' and washers 'G' to fit the inserts 'E'. (Keep 'F' and 'G' safe for later.)

Tighten screw 'F' until the M3 thread insert 'E' is pulled into the carbon fibre parts as shown.

Build a pair of these. The other side is a mirror of this build.

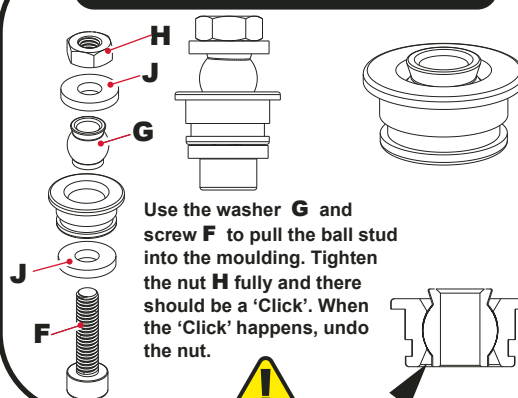
Ensure the 'O' Ring is correctly seated into the groove on the outer sockets.

Set the grub screws 'D' centrally for now. This is adjusted to set droop using a droop gauge later.

Front arms are identified by the curve here.

Use pliers to insert the ball into the inner socket.

Ensure the 'O' Ring is correctly seated into the groove on the inner sockets.

Pre-Fit Outer Arm Ball Stud


Use the washer 'G' and screw 'F' to pull the ball stud into the moulding. Tighten the nut 'H' fully and there should be a 'Click'. When the 'Click' happens, undo the nut.

Note the orientation of the ball, as illustrated.

Ensure the 'O' Ring is correctly seated into the groove on the inner sockets.

Set the grub screws 'D' centrally for now. This is adjusted to set droop using a droop gauge later.

Use pliers to insert the ball into the inner socket.

Rear Arm Assembly
BAG B - Step 9

- Ax4** M2.5x8 Button Hd Screw
- Bx2** Ø6x1 'O' Ring
- Cx4** Ø5x1 'O' Ring
- Dx2** M3x8 Patched Grub Screw
- Ex2** M3 Thread Insert
- Fx4** Pivot Ball
- Gx2** Pivot Ball

Build a pair of these. The other side is a mirror of this build.

Ensure the 'O' Ring is correctly seated into the groove on the outer sockets.

RL

Ensure the 'O' Ring is correctly seated into the groove on the inner sockets.

Set the grub screws 'D' centrally for now. This is adjusted to set droop using a droop gauge later.

Arm Assembly Attachment

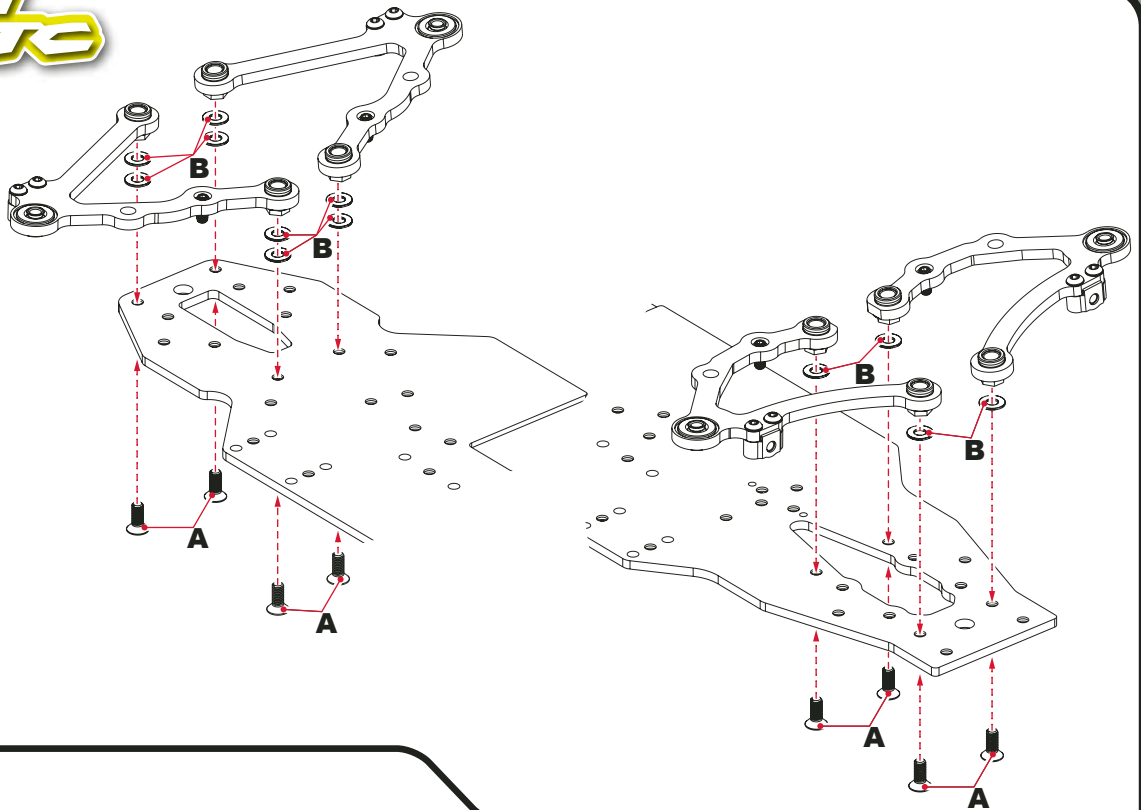
BAG B - Step 10

Ax8

M3X8 CSK Screw

Bx12

M3 Washer



Front Hub Assembly

BAG B - Step 11

Ax2

Disc Spring Washer

Bx2

Axle Spacer 1/4"x0.5mm

Cx2

Ø5xØ10x4 Bearing

Dx2

Ø5xØ10x3 Bearing

Ex2

Ø5xØ7x1.5mm Spacer

Fx2

1.5 x 11.8 pin

Gx2

M3 Nut

Hx2

3.0mm Black Spacer

Ix2

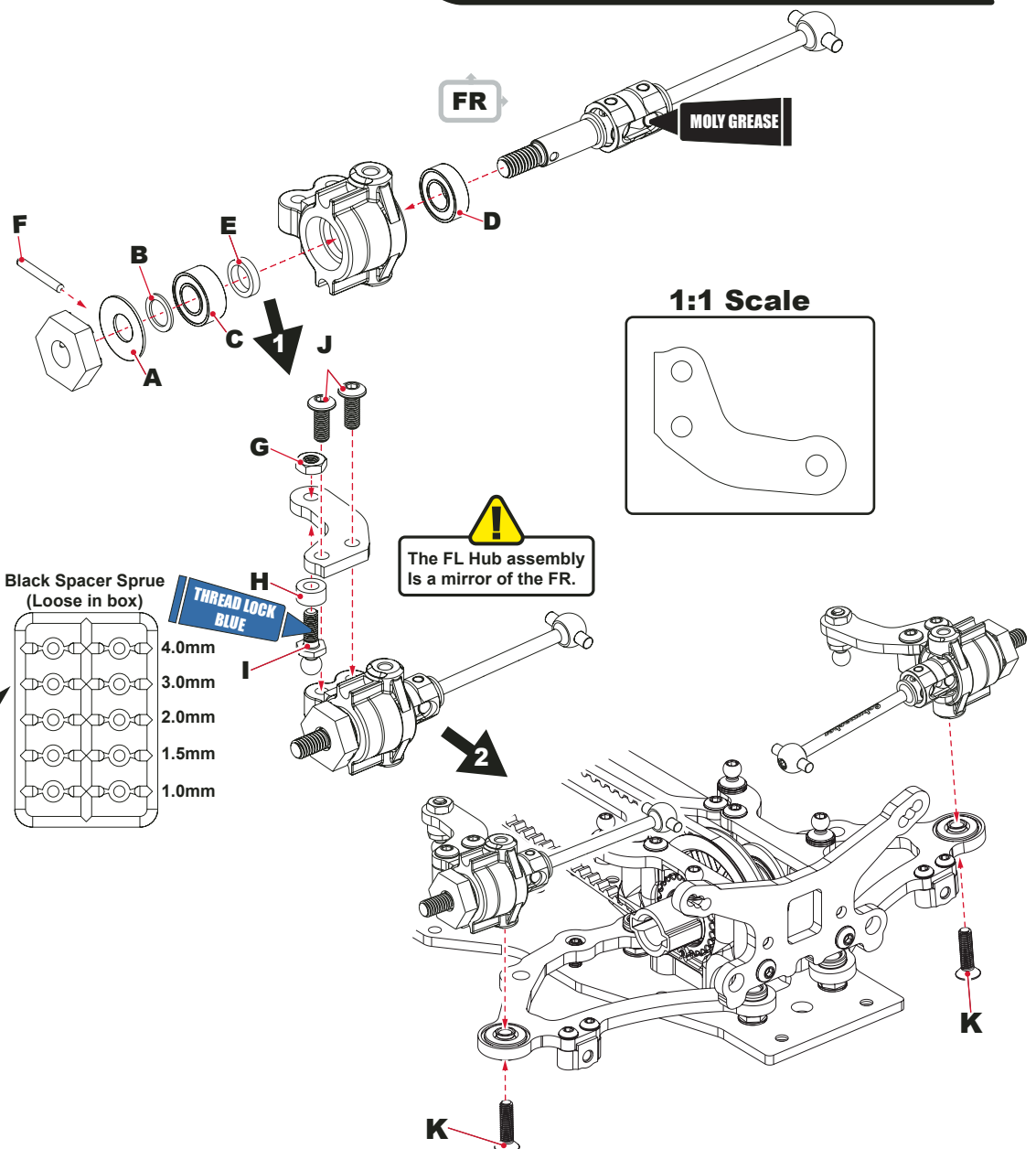
Ball Stud Long

Jx4

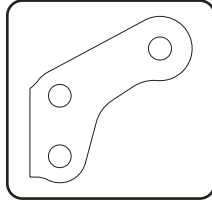
M3x8 Button Hd Screw

Kx2

M3x12 Csk Screw



1:1 Scale



Rear Driveshaft Assembly

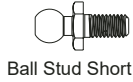
BAG B - Step 12

Ax4



M3X8 Button Hd

Bx2



Ball Stud Short

Cx2



M3 Nut

Dx4



Ø5xØ10x4 Bearing

Ex2



Ø5xØ7x1.5 Spacer

Fx2



Axle Spacer 1/4"x0.5mm

Gx2



1.5 x 11.8 Pin

Hx2



Disc Spring Washer

Ix2



M3x12 Csk Screw



RACE TIP

Ensure that the driveshaft is free to rotate after assembly.

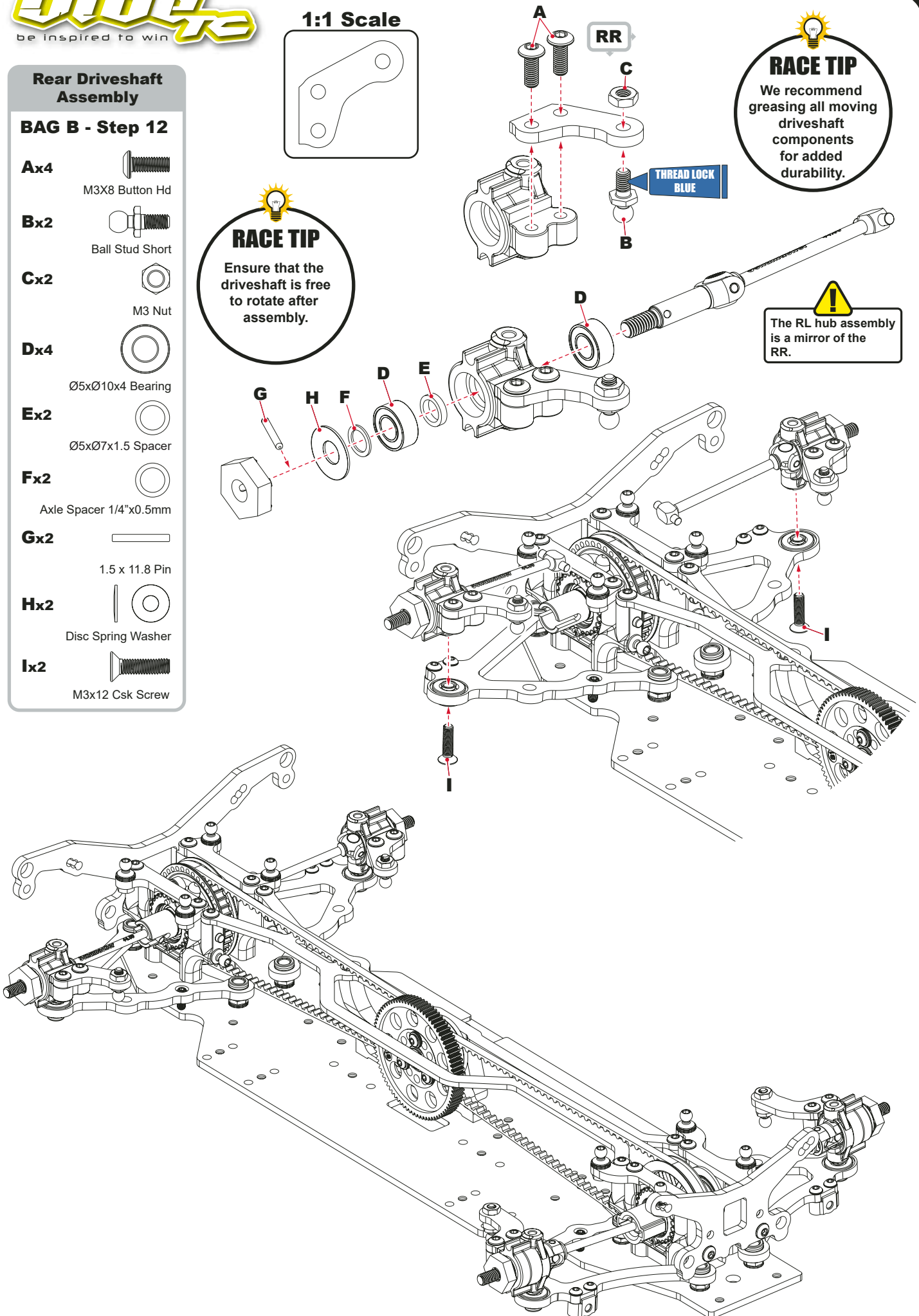


RACE TIP

We recommend greasing all moving driveshaft components for added durability.



The RL hub assembly is a mirror of the RR.



Upper Arm Assembly

BAG B - Step 13

Ax2

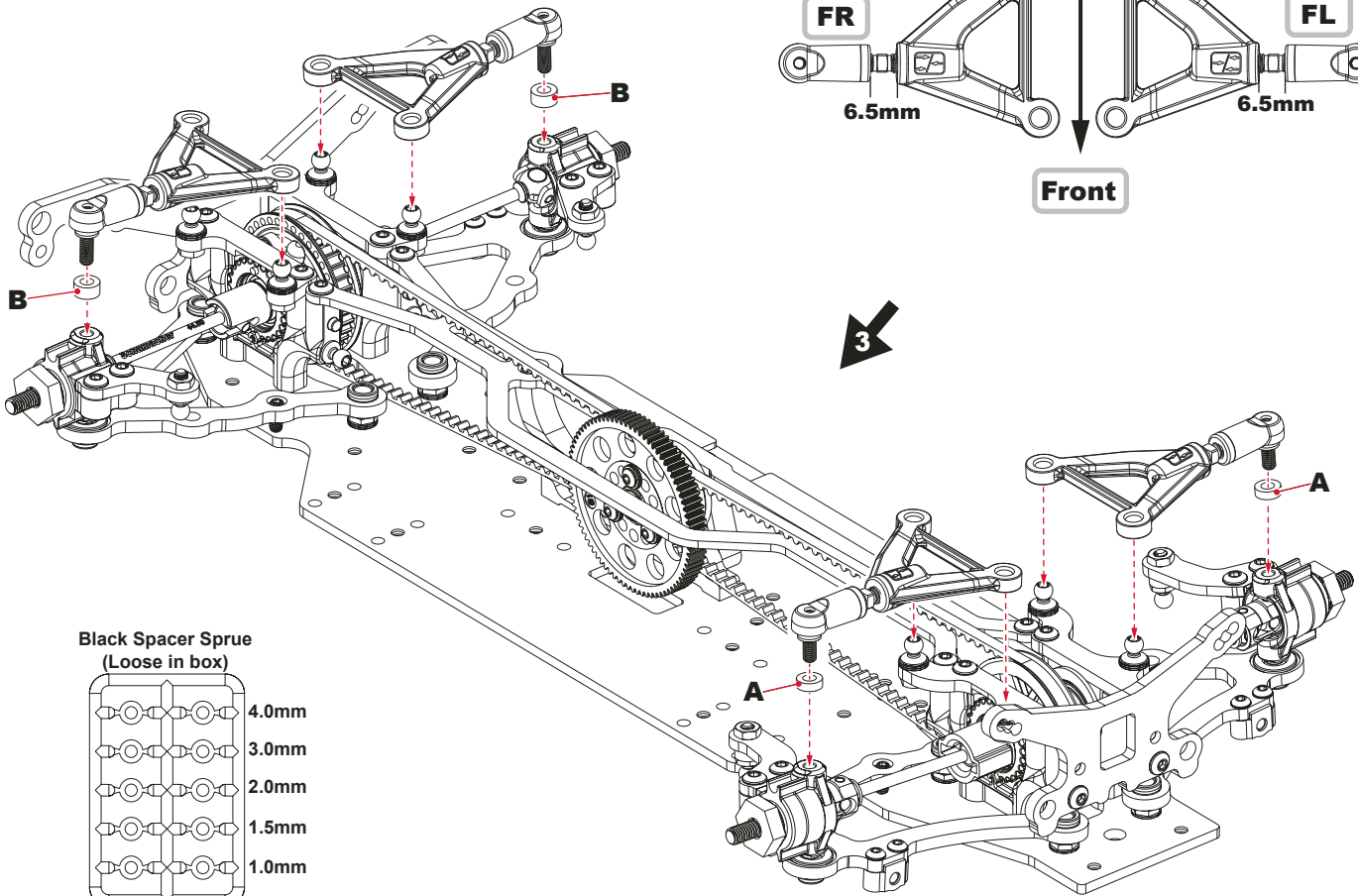
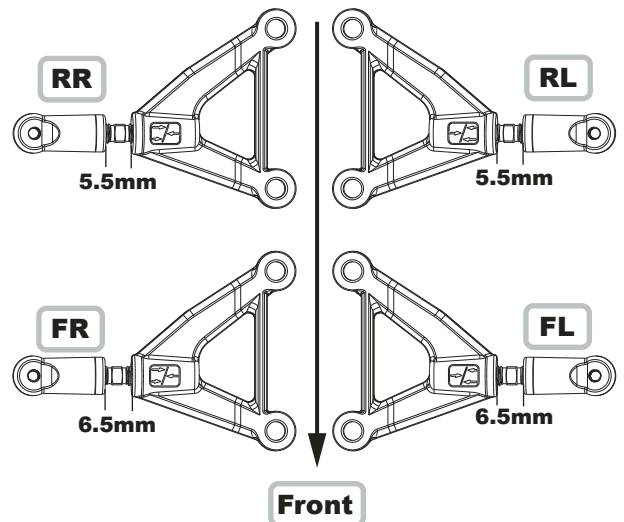
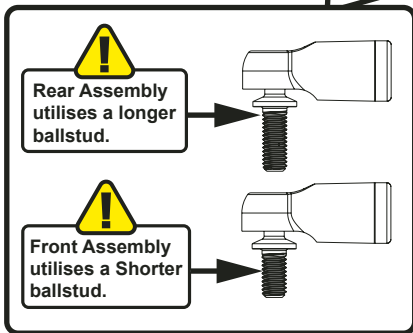
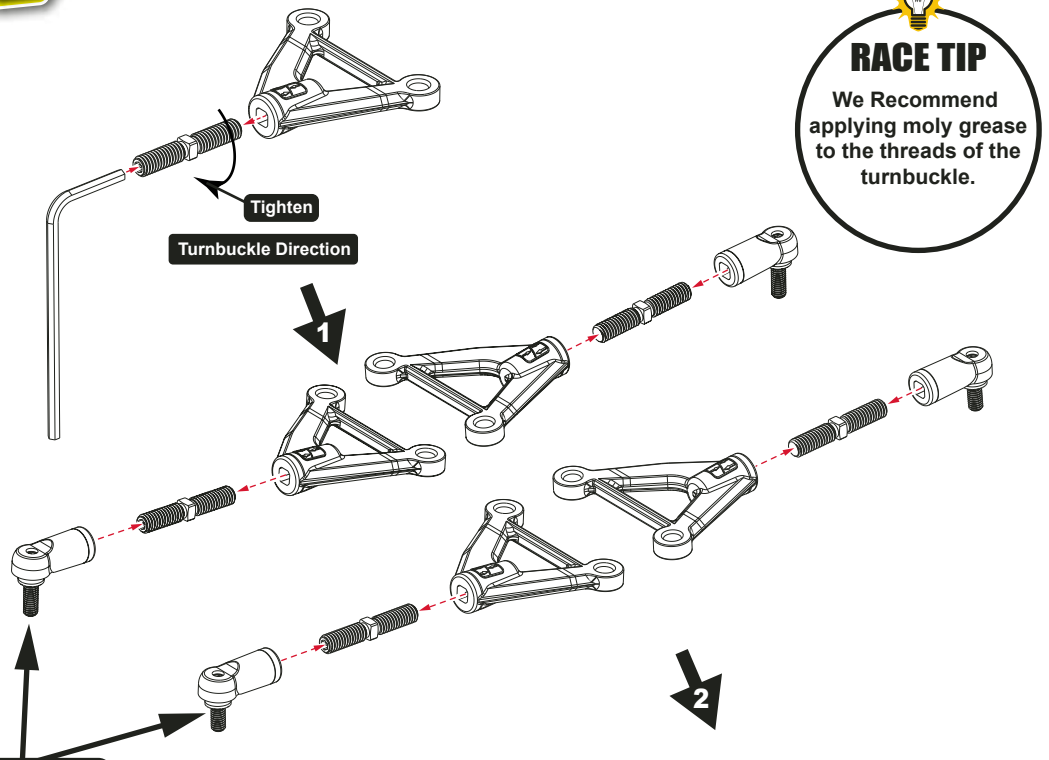
2mm Black Spacer

Bx2

3mm Black Spacer










RACE TIP

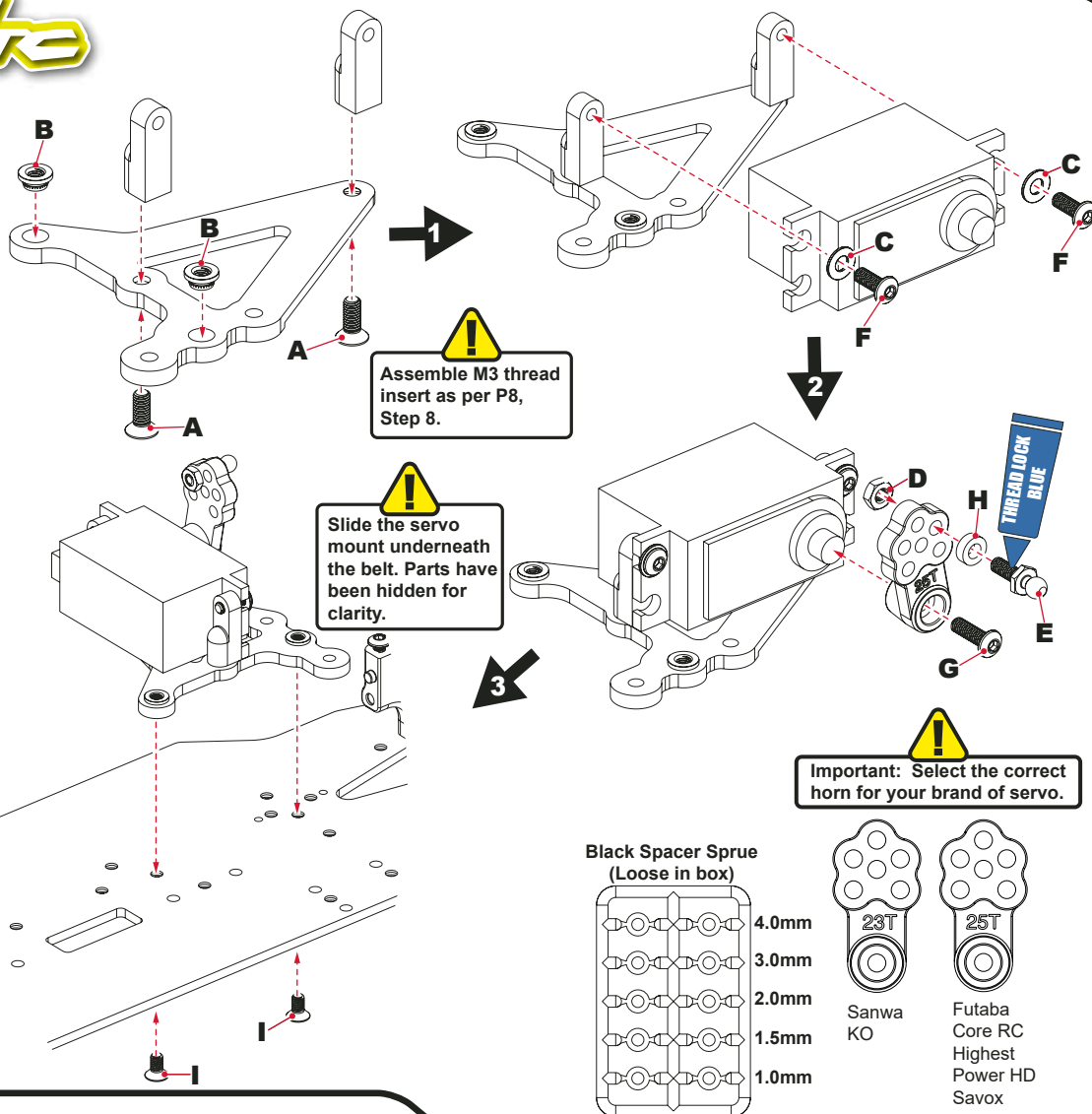
We Recommend applying moly grease to the threads of the turnbuckle.



Steering Assembly










BAG A - Step 14

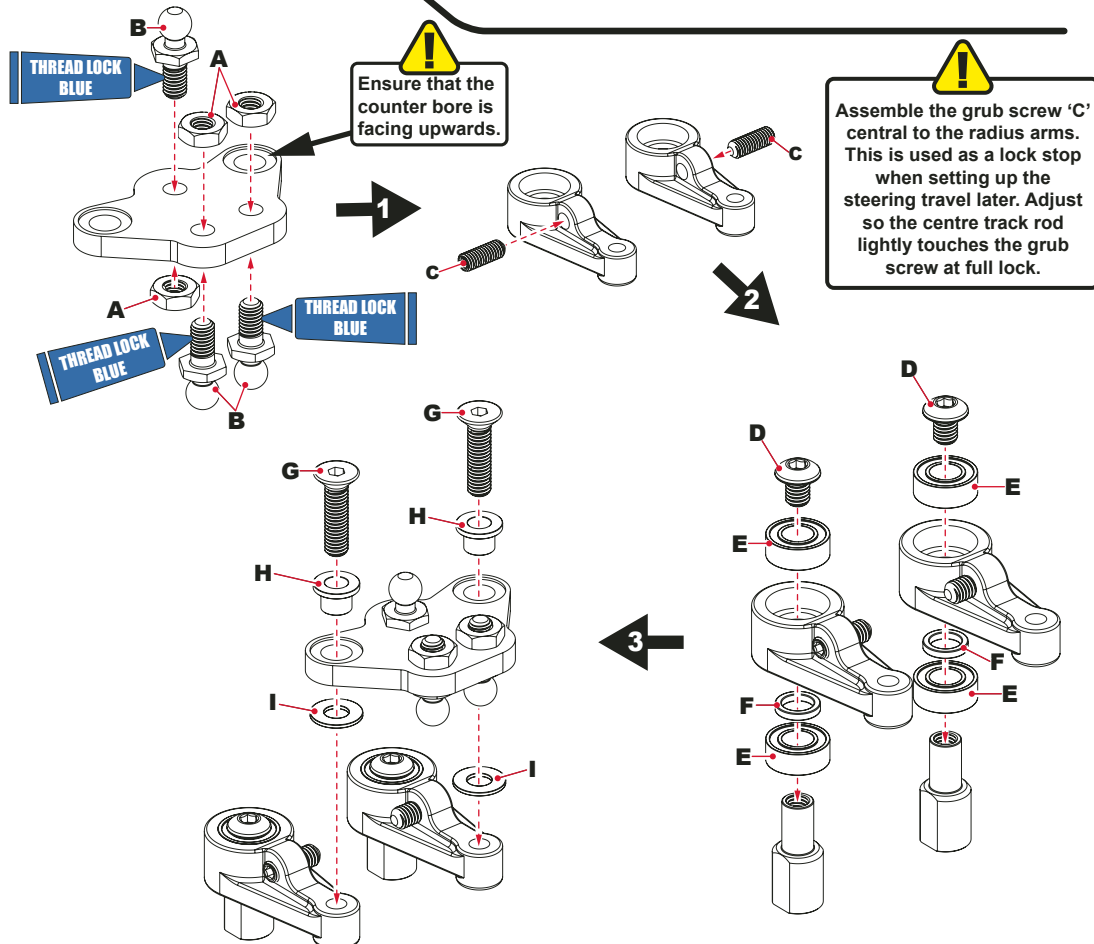
- Ax2**  M3 X 8 CSK Screw
- Bx2**  M3 Insert
- Cx2**  M3 Washer
- Dx1**  M3 Nut
- Ex1**  Ball Stud Long
- Fx2**  M3x8 Button Hd
- Gx1**  M3x10 Button Hd
- Hx1**  2mm Black Spacer
- Ix2**  M3x6 Csk Screw



Steering Assembly

BAG A - Step 15a

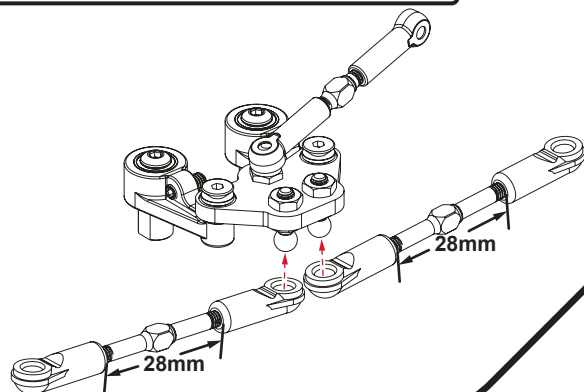
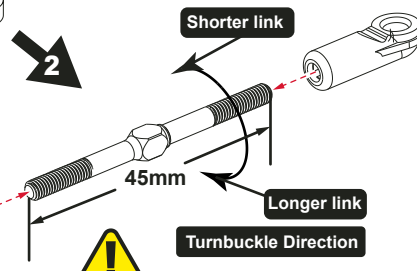
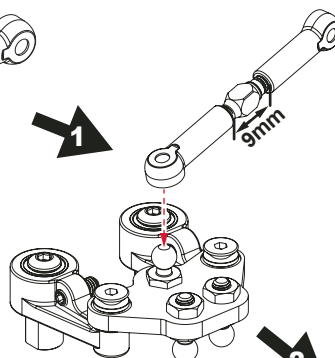
- Ax3**  M3 Nut
- Bx3**  Ball Stud Short
- Cx2**  M3x8 Grub Screw
- Dx2**  M3x4 Button Hd Screw
- Ex4**  Ø4xØ8x3mm Bearing
- Fx2**  Steering Post
- Gx2**  M3x12 Csk Screw
- Hx2**  Steering Bush
- Ix2**  M3 Washer



Steering Assembly
BAG B - Step 15b


Note the shape of the turnbuckle.
This groove indicates the left hand thread.

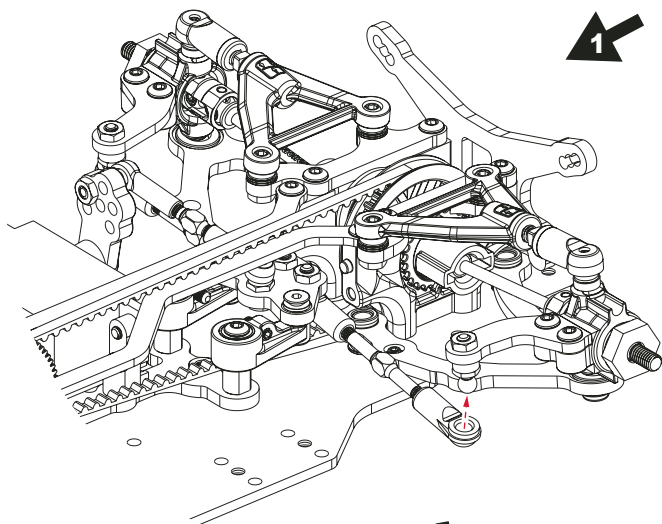
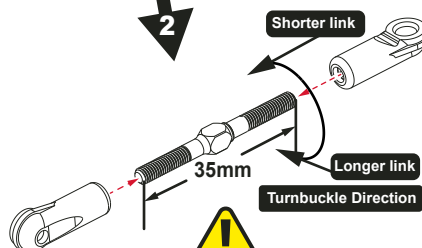
RH Thread

LH Thread

3


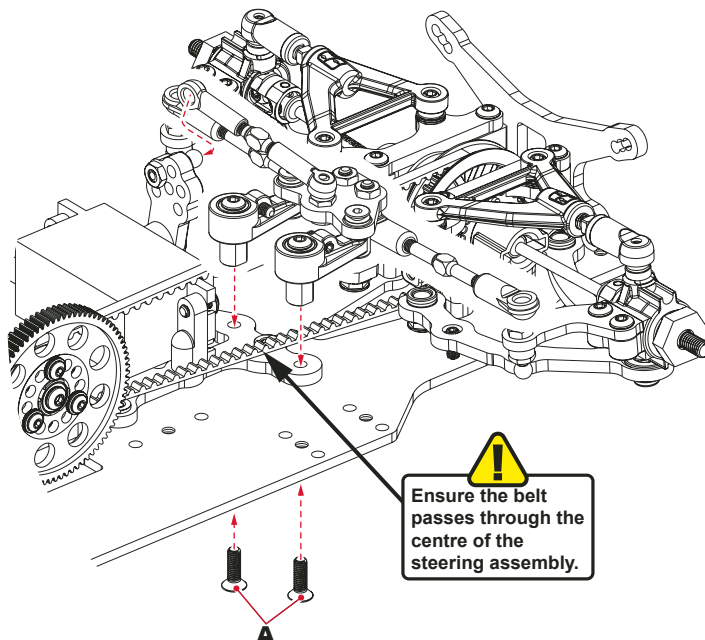
Build a pair of track rods.

Steering Assembly
BAG C - Step 16
Ax2

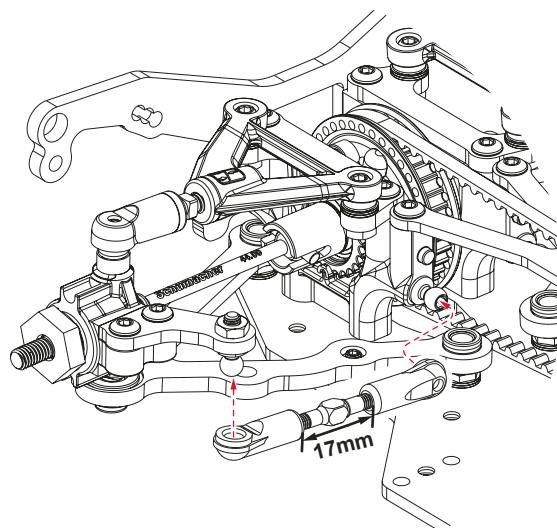

M3x10 Csk Hd Screw


2


Build a pair of track rods.

3


Ensure the belt passes through the centre of the steering assembly.



Shock Assembly

BAG C - Step 17

Ax8



Bx4



Cx4



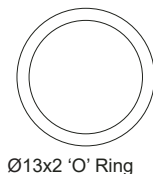
Dx4



Ex4



Fx4



!
For better sealing add shims **A**.
For less friction remove them.
We suggest to start with 2.

!
Ensure screw is clean & let
threadlock dry for 20 minutes
before filling shocks with oil.

RACE TIP
Once the shock is
assembled, fill with oil
'A' to allow the o'rings
'A' to expand slightly.
then re-build
before use.

!
Grip Shaft here when
attaching the piston
and the socket.

!
Fill with oil upto
this point.

!
Drilling this hole
through provides a
'vented' shock, and
reduces the rebound.

!
Max 1.2mm Drill.

!
Slowly move the piston up
and down 2 or 3 times. Then
wait for the air bubbles to
rise to the top and disappear.
This may take upto 5 minutes.

!
The Rebound can be adjusted
by increasing the distance 'X'
before fitting the diaphragm
and the top ring.

RACE TIP

A section of the O'ring
may be removed to tune
the drag of the adjuster.
Remove approximately
25% if necessary.

Info

The front spring is 2.5 N/mm (Blue).
The rear spring is 2.7N/mm (Orange).

Shock Mounting

BAG C - Step 18

Ax2

M3x8 Button Hd Screw

Bx2

M3x12 Button Hd Screw

Cx2

1mm Black Spacer

Dx4

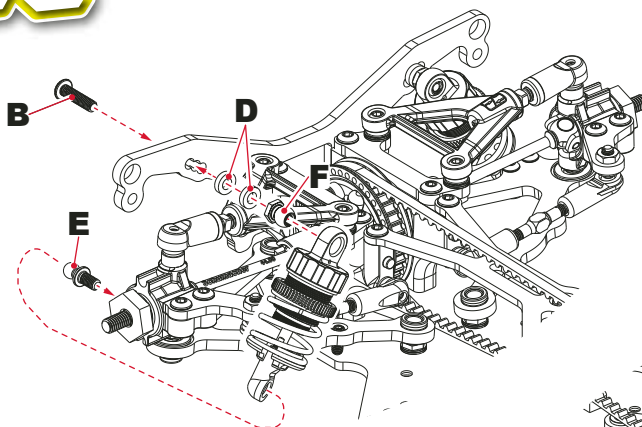
1.5mm Black Spacer

Ex4

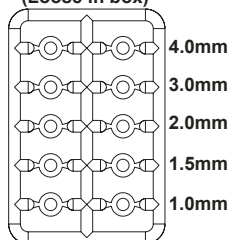
Ball Stud Short

Fx4

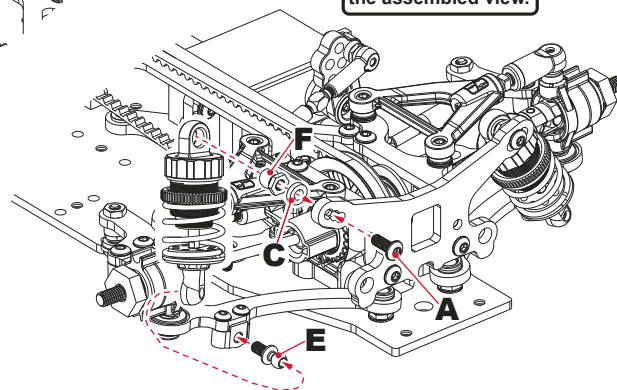
Pivot Ball



Black Spacer Sprue
(Loose in box)



!
The left hand side of the car shows the assembled view.



LiPo Mounting Assembly

BAG C - Step 19

Ax2

M3x6 Csk Hd Screw

Bx2

M3x10 Csk Hd Screw

Cx2

M3x12 Csk Hd Screw

Dx2

M3x10 Button Hd Screw

Ex2

M3x12 Button Hd Screw

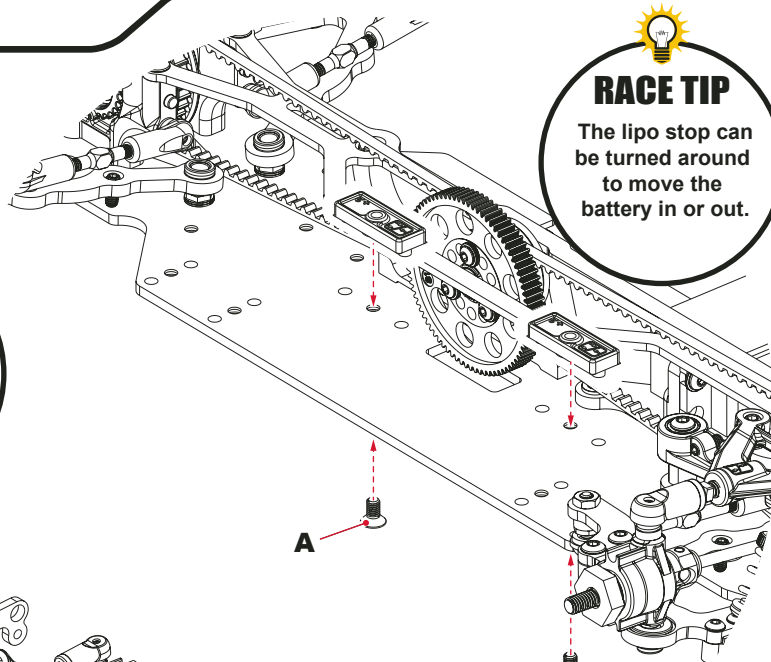
Fx2

M3x16 Button Hd Screw

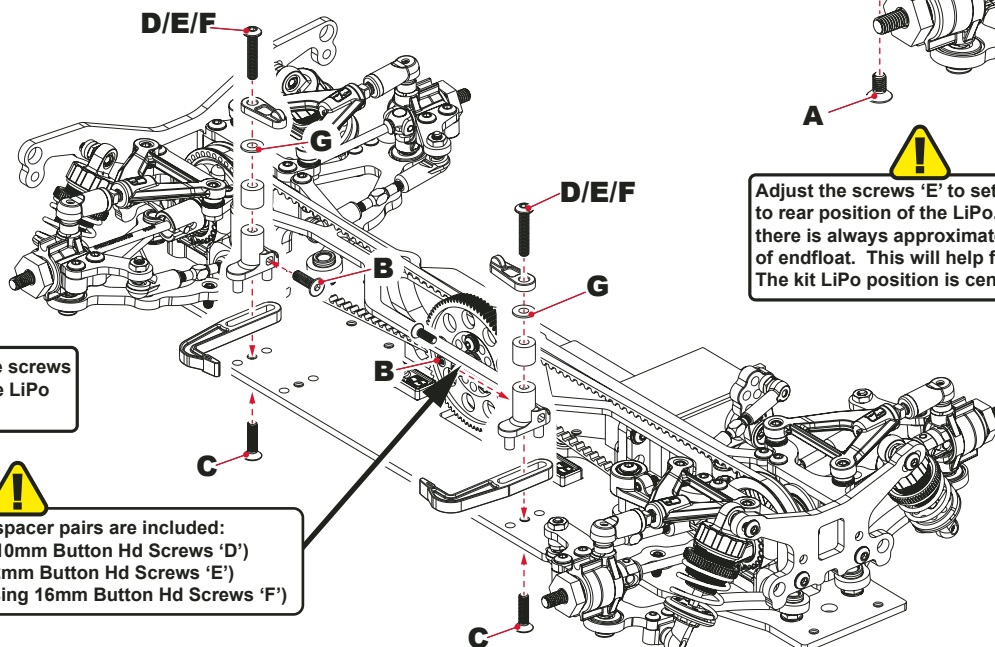
Gx2

M3 Washer

RACE TIP
The Lipo should have 0.5mm end float. This helps the flex of the car.



RACE TIP
The lipo stop can be turned around to move the battery in or out.



!
Adjust the tightness of the screws to set the resistance of the LiPo swivel to your preference.

!
Adjust the screws 'E' to set the front to rear position of the LiPo. Ensure there is always approximately 0.5mm of endfloat. This will help flexibility. The kit LiPo position is central.

!
Three different plastic LiPo spacer pairs are included:
ULCG LiPos: 1.5mm (using 10mm Button Hd Screws 'D')
LCG LiPos: 3.5mm (using 12mm Button Hd Screws 'E')
Full height LiPos: 6.5mm (using 16mm Button Hd Screws 'F')

Bumper Assembly

BAG C - Step 20a

Ax2

M3x12 Button Hd Screw

Bx2

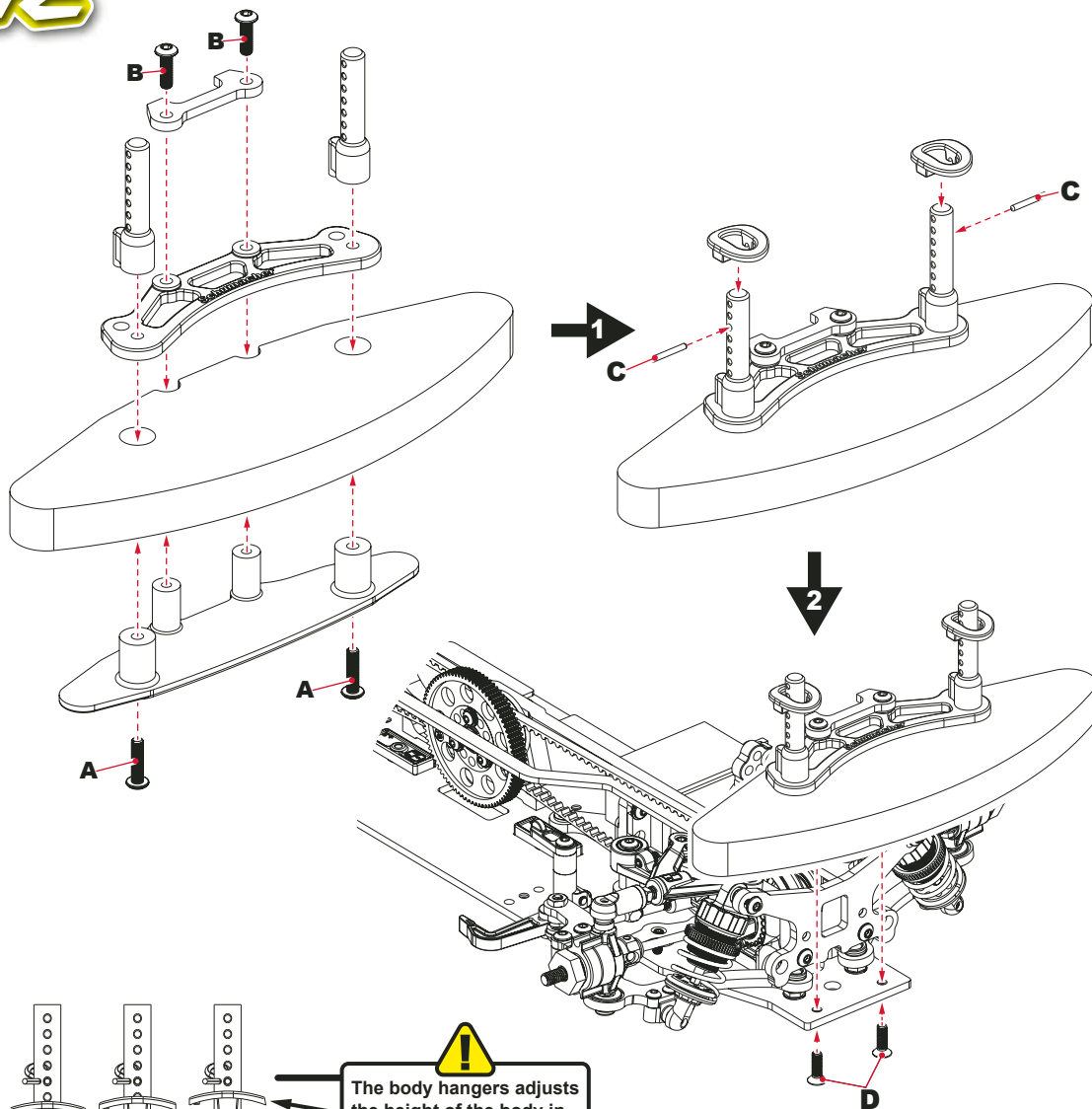
M3x10 Button Hd Screw

Cx2

Ø1.5x11.8 Pin

Dx2

M3x10 Csk Hd Screw



Rear Body Post Assembly

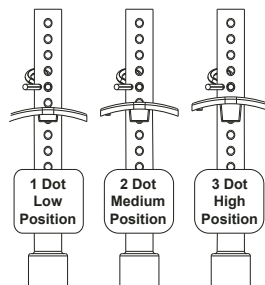
BAG C - Step 20b

Ax2

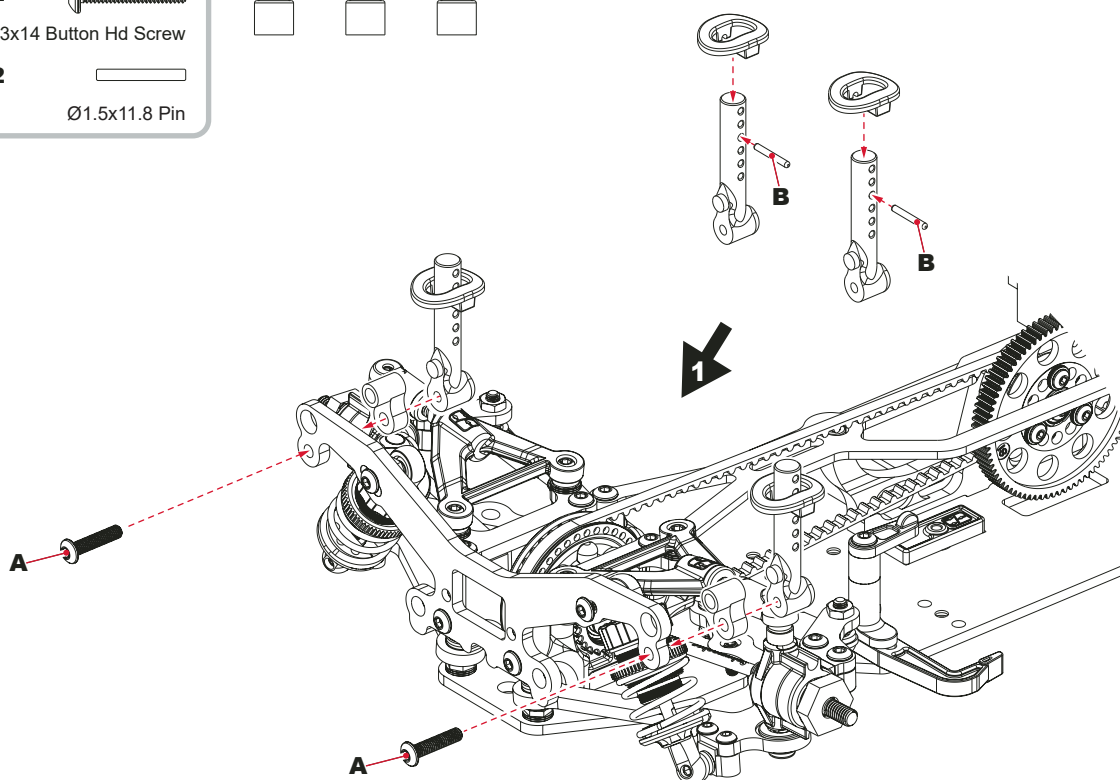
M3x14 Button Hd Screw

Bx2

Ø1.5x11.8 Pin



!
The body hangers adjust the height of the body in 1.2mm steps. Note the dots on the underside.



**Electronics
Assembly**

BAG C - Step 21a

Ax1

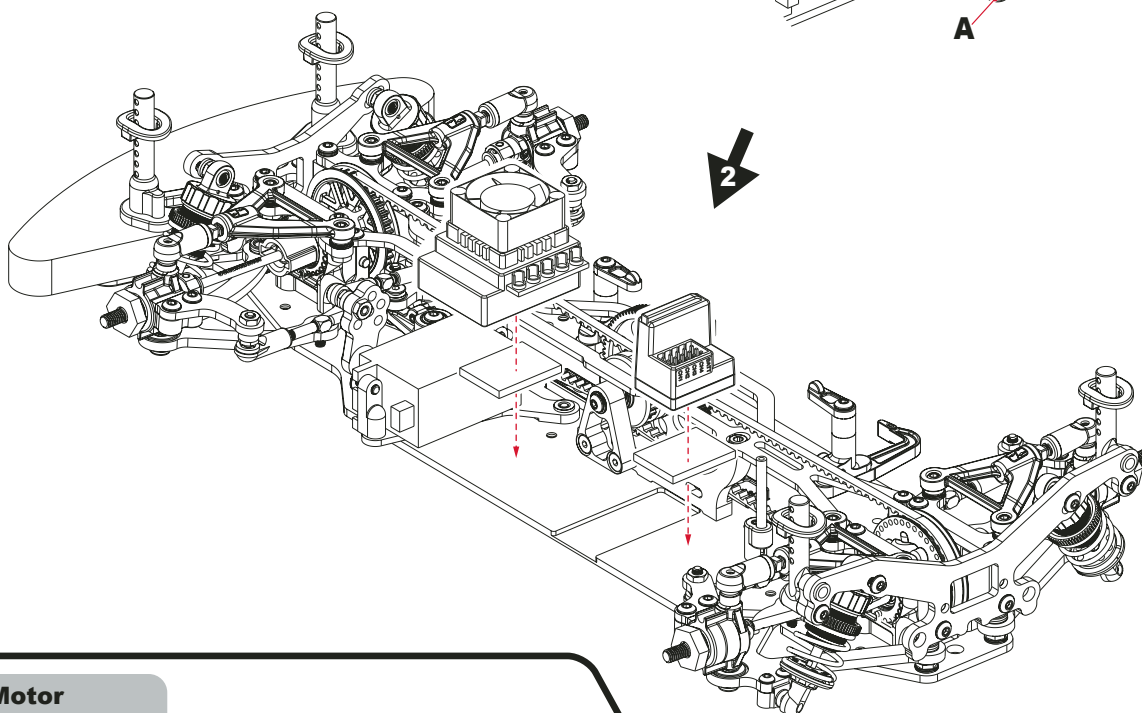
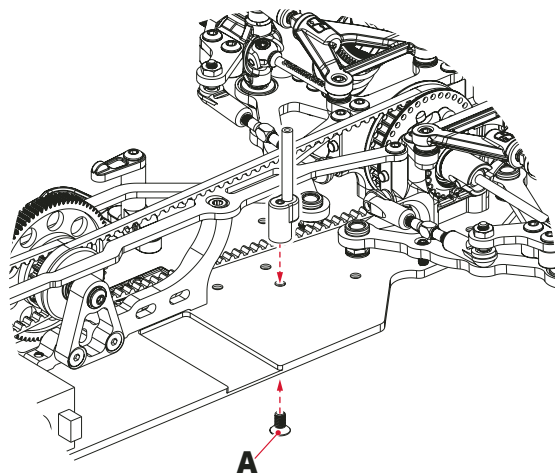
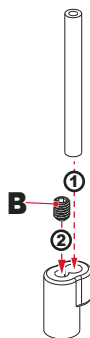


M3x6 Csk Hd Screw

Bx1



M3x4 Grub Screw



**Motor
Assembly**

BAG C - Step 21b

Ax2

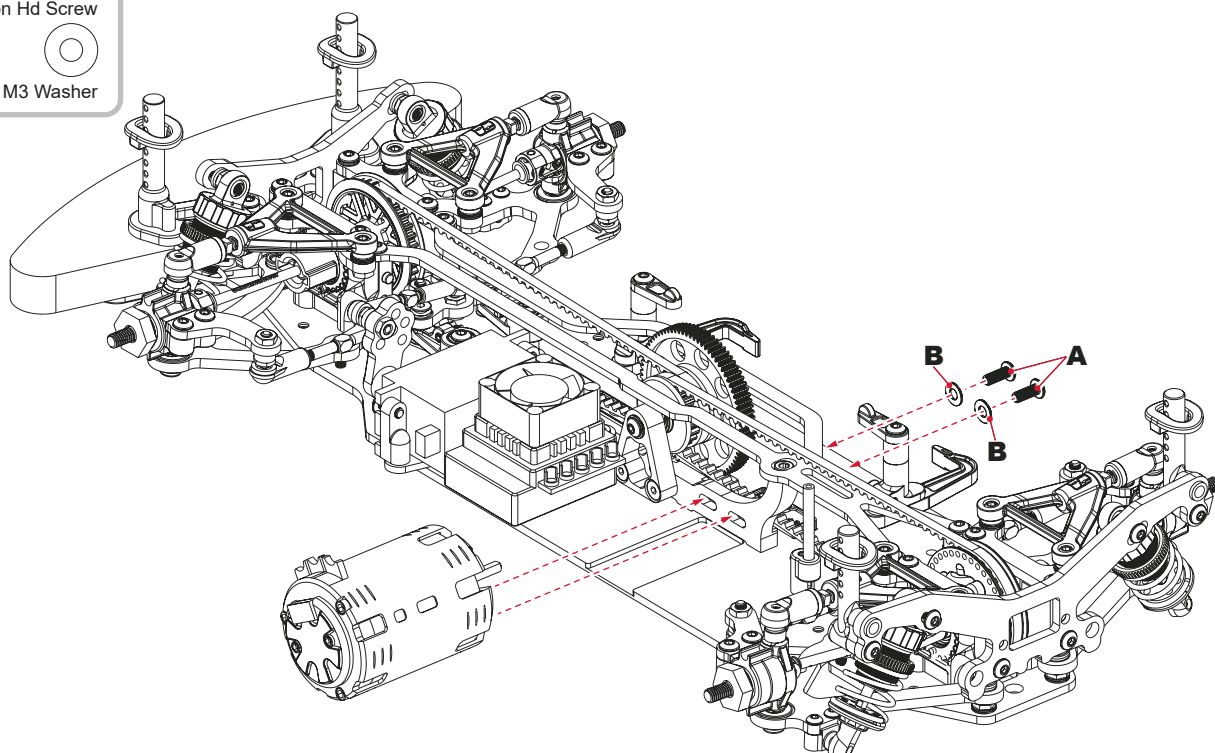


M3x8 Button Hd Screw

Bx2



M3 Washer



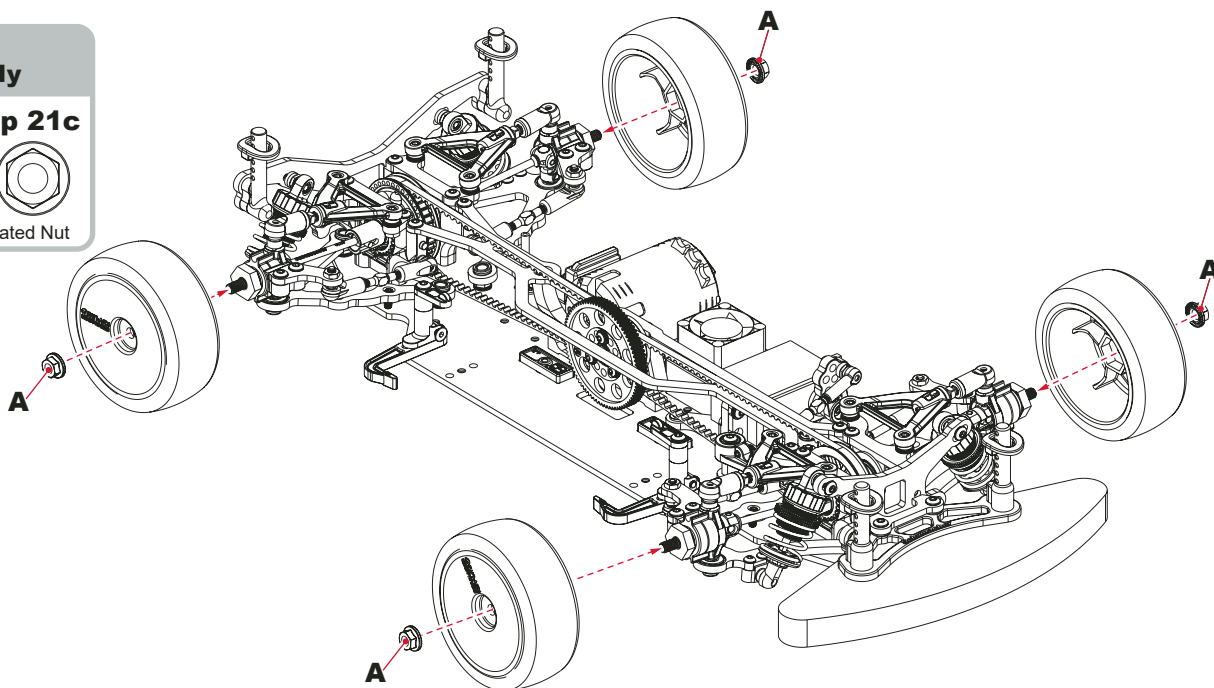
Wheel Assembly

BAG C - Step 21c

Ax4

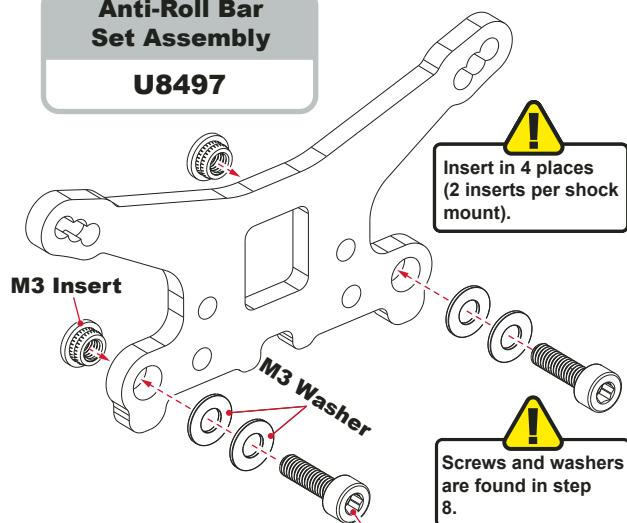


M4 Serrated Nut

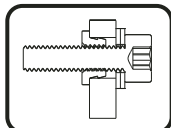


Anti-Roll Bar Set Assembly

U8497



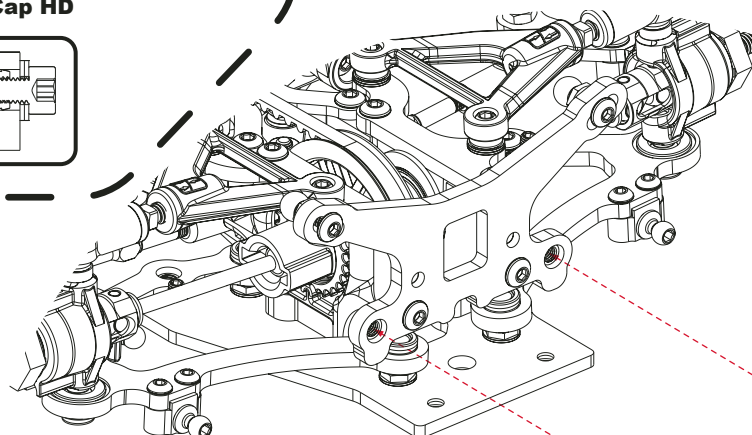
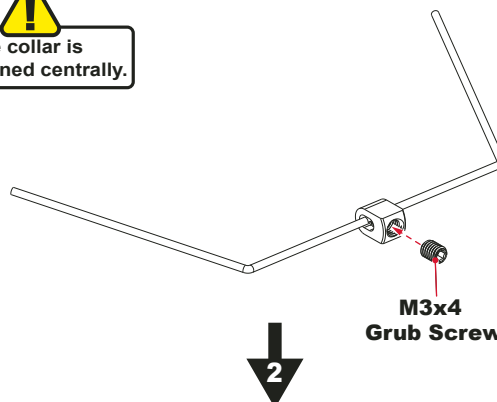
Tighten cap head screw until the M3 thread insert is pulled into the shock mount. Remove the screws and washers after the insert is assembled.



We recommend starting with 1.2mm front ARB and 1.3mm rear ARB.

Ensure collar is positioned centrally.

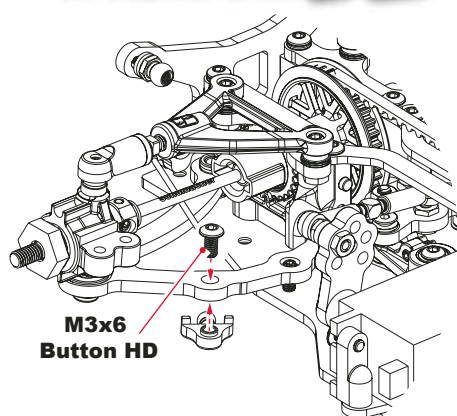
1



Tighten grub screw so that there is minimal slop in the ARB wire. Ensuring the wire can still pivot freely.

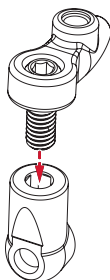
M3x4 Grub Screw

M3x8 Button HD



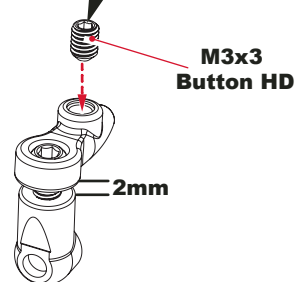
1

!
Set a 2mm gap on all four ARB drop links.



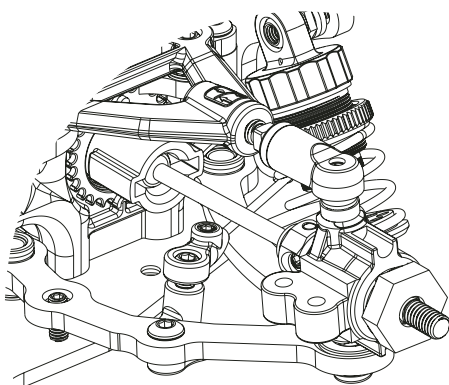
2

!
Do not overtighten.

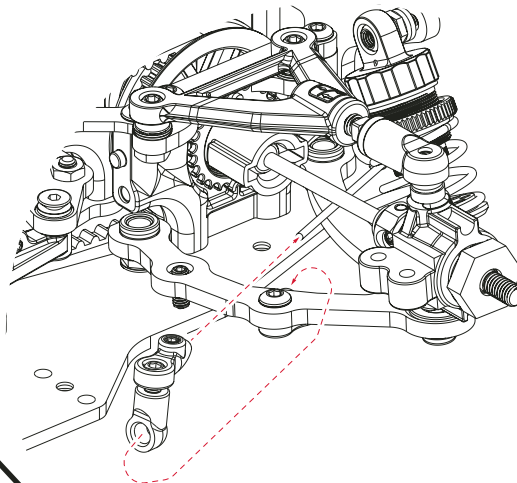


3

Repeat assembly procedure for the Rear.



4



GEAR RATIO



We recommend long boss pinions for less risk of run out issues. We strongly advise not to use pinions with two m3 tapped holes such as U3421 - U3440.

GEAR RATIO CHART - 48DP

Maximum tooth sum = 123
Minimum tooth sum = 107

GEAR RATIO CALCULATIONS

Internal Ratio = 1.6363 : 1

Final Drive Ratio (FDR) = SPUR x 1.6363

SPUR = $\frac{\text{FDR} \times \text{PINION}}{1.6363}$

PINION = $\frac{\text{SPUR} \times 1.6363}{\text{FDR}}$

	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
76											4.01	3.88	3.76	3.65	3.55	3.45	3.36	3.27	3.18	3.1	3.03	2.96
77										4.2	4.06	3.93	3.81	3.7	3.6	3.5	3.4	3.31	3.23	3.15	3.07	3
78									4.4	4.25	4.11	3.98	3.86	3.75	3.64	3.54	3.44	3.35	3.27	3.19	3.11	3.03
79								4.61	4.45	4.3	4.17	4.03	3.91	3.8	3.69	3.59	3.49	3.4	3.31	3.23	3.15	3.07
80							4.84	4.67	4.51	4.36	4.22	4.09	3.96	3.85	3.74	3.63	3.53	3.44	3.35	3.27	3.19	3.11
81						5.09	4.9	4.73	4.57	4.41	4.27	4.14	4.01	3.89	3.78	3.68	3.58	3.48	3.39	3.31	3.23	3.15
82					5.36	5.16	4.96	4.79	4.62	4.47	4.32	4.19	4.06	3.94	3.83	3.72	3.62	3.53	3.44	3.35		
83				5.65	5.43	5.22	5.03	4.85	4.68	4.52	4.38	4.24	4.11	3.99	3.88	3.77	3.67	3.57	3.48	3.39		
84			5.97	5.72	5.49	5.28	5.09	4.9	4.73	4.58	4.43	4.29	4.16	4.04	3.92	3.81	3.71	3.61	3.52			
85		6.32	6.04	5.79	5.56	5.34	5.15	4.96	4.79	4.63	4.48	4.34	4.21	4.09	3.97	3.86	3.75	3.66				
86	6.7	6.39	6.11	5.86	5.62	5.41	5.21	5.02	4.85	4.69	4.53	4.39	4.26	4.13	4.02	3.9	3.8					



TRACK SETTINGS

RIDE HEIGHT

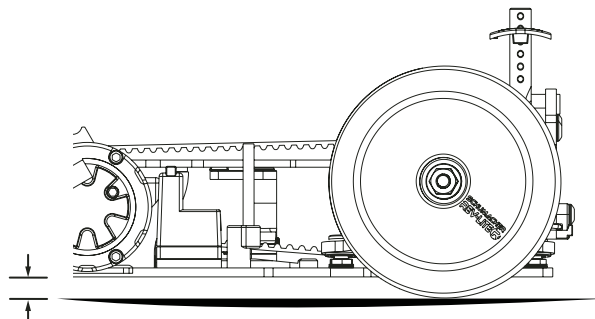
Use the spring adjusters on the shock absorbers to adjust the front and rear ride heights. We recommend setting the ride height to around 5.0mm on carpet/ high traction tarmac/asphalt and 5.5mm on tarmac/asphalt or low traction carpet tracks.

This is measured between the bottom of the chassis and the ground with the car in running trim. First press the car down on to the ground and release it once or twice to settle the suspension before adjusting the ride height.

In general:

High traction levels/Smooth tracks = Lower ride height (5.1mm-5.4mm)

Low traction levels/Bumpy tracks = Higher ride height (5.4mm-6.0mm)



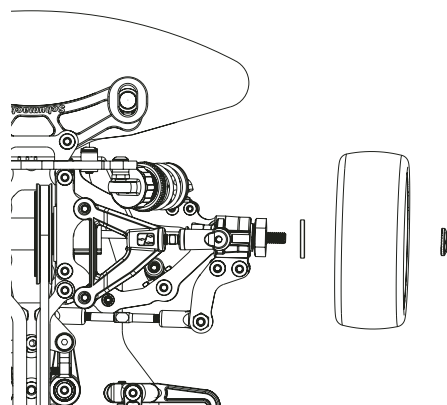
TRACK WIDTH

The track width may be adjusted using 2 different hex widths, or shims:

U8333 - Wheel hex spacers 0.25, 0.5, 0.75mm - pk12

U4577 - Alloy wheel hex ; Wide (pr)

Increasing the rear track width provides more rear stability/less rotation and vice versa. Increasing the front track width provides a less aggressive/less rotation and vice versa. A wider car is better suited to high traction conditions and a narrower car to low traction conditions.



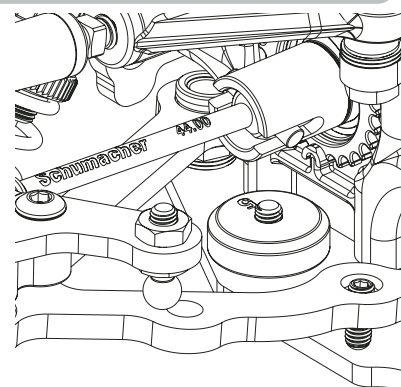
WEIGHT DISTRIBUTION

There are several positions intended for weight placement in the front and rear of the car. Please see the setup sheet for suggested placements. We recommend the use of U8773 for this.

For the most neutral car balance, we recommend a 50:50 weight distribution. This is easily achieved with no weights and centrally placed electronics.

More rearwards weight generally gives a more aggressive car with more steering.

More forwards weight generally gives a smoother car handling with less steering. A more forwards weight bias will make the car easier to drive in higher grip conditions.

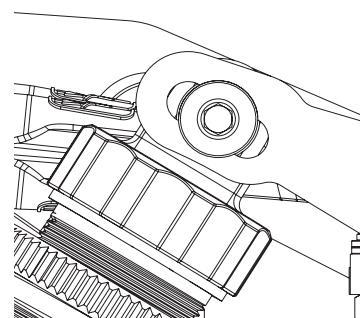


SHOCK ANGLES

The shock angles can provide fine tuning over the suspension stiffness.

A more angled shock setup (lower number shock mount holes) creates a softer setup which is less responsive, often suited to high traction conditions.

A more upright shock setup (higher number shock mount holes) creates a stiffer setup which is more responsive, often suited to lower traction conditions.

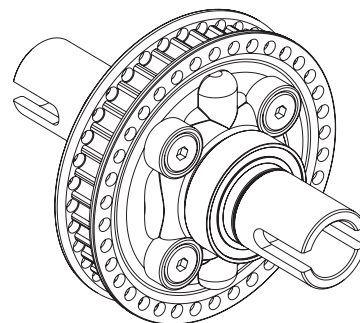


GEAR DIFF

Gear diff oil can be changed to affect car handling.
Generally, high traction conditions = thicker oil. (2k-5k)
Low traction conditions = thinner oil. (1K-2K),

A thicker gear diff oil will have a much smoother off power, corner entry feeling, preventing corner entry over rotation. It will also make the car feel less likely to slide off power, in the corner. It will however have more on power steering, and can feel like on power oversteer.

Thinner gear diff oil will create the opposite effect. More aggressive corner entry, and more steering off power in the corner. It will have less on power steering, but will feel much easier to put the power on without oversteering.

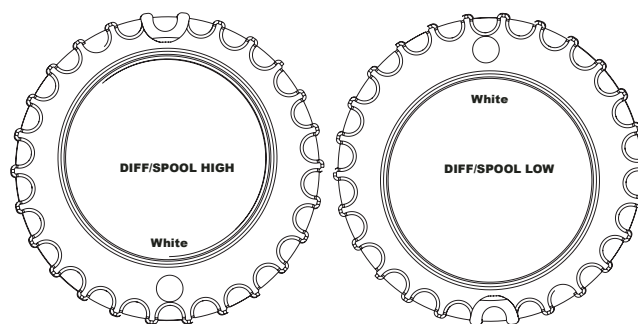


DIFF/SPOOL HEIGHT

The low diff or spool position provides more grip at that end of the car, and is suited to low or medium traction conditions.
Low diff is when the white circular marker is facing downwards in the car.

The high diff or spool position is only suggested for very high grip conditions.

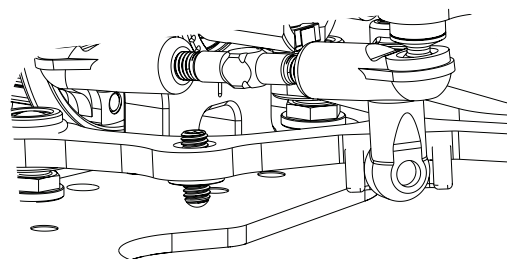
High diff is when the white circular marker is facing upwards in the car.



DROOP

The starting point for droop suggested by the team is 22.4mm rear, 23mm front. These numbers are checked on the Aerox droop gauge set. AX015. This is the measurement between the chassis underside and the axle centre. Droop is adjusted using the grub screw illustrated.

We suggest using a range between 20mm and 24mm depending on the track conditions. A lower number will give more grip and you can adjust the front and rear separately to adjust the balance of the car.



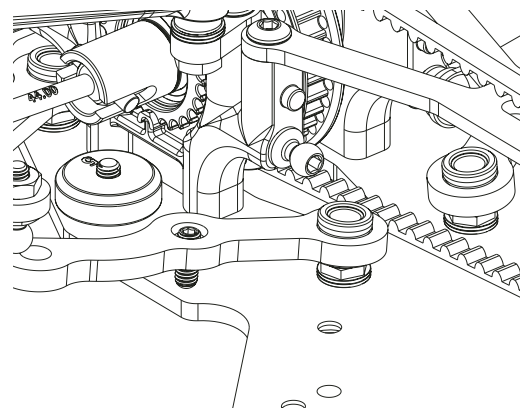
LOWER WISHBONE SPACERS

The kit setting is 1.0mm under all 8 wishbone lower balls.

Increasing the height of the arms = increased roll centres
lowering the height of the arms = decreased roll centres

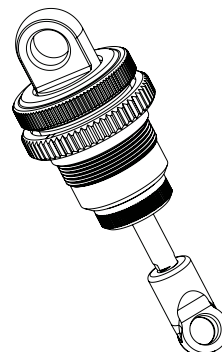
Increased roll centres help the car to be free and will rotate more. This helps when the traction is high or when the car has understeer. Decreasing the roll centres will make the car more stable and easier to drive, however on high grip tracks the car may have excessive understeer.

Anti-dive is commonly used to improve the cars handling going into corners as it makes the car more stable at lower speeds. You can achieve this by using a smaller washer at the front arms, this creates a downwards angle on the front arms.



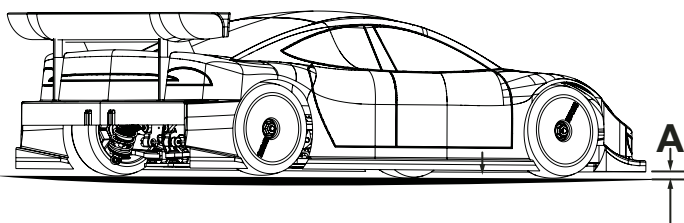
SHOCK OIL

The aim is to achieve improved handling over bumps and control the weight transfer of the car. If the track is particularly bumpy, increase the shock oil viscosity to help handling over bumps. If the traction is low, lowering the shock oil to improve weight transfer and generate more grip. If the traction is high, increasing the shock oil to make the car smoother and less unpredictable. In higher temperature, increase the shock oil to maintain a consistent rate in damping as warmer temperatures lower the viscosity of the oil. Our suggested range is between 300cSt and 500cSt, when using Core-Rc shock oil with kit pistons. The standard piston hole size is 1.1mm and if you are using larger holes it is likely thicker oil will be needed. If you are using a 3 hole piston then the hole size will need to be bigger to maintain similar ratings.



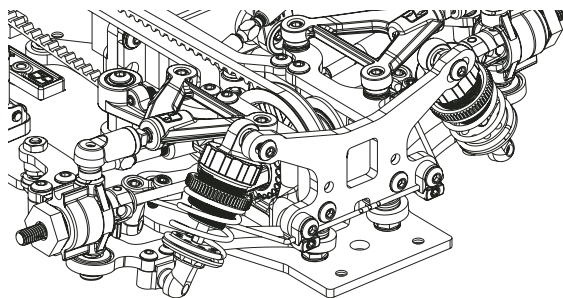
BODY HEIGHT

Height 'A' Should be set by adjusting the body hangers. For big adjustments move the pin up or down a hole. For smaller adjustments change which body hanger you are using. The 1 dot hanger is the lowest and the 3 dot hanger is the highest. We recommend starting with 7mm at 'B'. On a bumpy track you may need to increase this as the bodysell might catch on the track. We recommend a rear wing height of 115mm from the floor to the rear wing when the car is in race trim.



Anti-Roll Bars

Anti roll bars allow the tuning of roll stiffness and change the way that the weight is transferred. A stiffer rear roll bar will reduce entry steering but increase on power steering. A stiffer front roll bar will increase entry steering, but provide a smoother handling through the middle of the corner. The roll bars need to be set equally left to right. This is done by adjusting the drop link ball height. With the shocks off, check the roll bar lifts the opposite side when lifted to an equal height. A great tool for this is AX015.

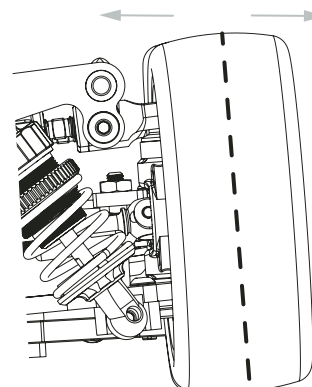


CAMBER

In general the aim is to run the correct amount of camber for the tyre being used and the track conditions. Typically this is between -1.0° and -2.5° .

Increasing the front and rear camber together will often result in more traction, but with a more sudden loss of grip when going beyond the limit. Less overall camber will offer a more progressive slide but may have less overall grip. More camber may be applied to the front or rear, normally resulting in more grip at that end of the car. The team suggest a starting camber of 2.0° Rear and 1.5° Front, increasing to 2° Front camber if more front grip/steering is required.

Negative Camber Positive Camber



OPTION PARTS



U7542 Ultra Short Alloy Spring Seat pr



U3582 Precision Balance Pivot Set



U3525 Alloy Wheel Hex - Medium pr
U4577 Alloy Wheel Hex - Wide pr



U7837 C/F Upper Bumper



U7827 Alloy LiPo Mount pr



U7400 Titanium Low Profile M4 Serrated Nut (pk4)



U7839 C/F LiPo Swivel pr



U8333 Wheel Hex Spacers 0.25, 0.5, 0.75mm - (pk12)



U7849 Alloy Servo Post



U8323 C/F Lipo Hook (pr)



U7855 Titanium Rear Axle pr



U8256 Alloy T Brace



U9008 Brass LiPo Hook (pr)



U8497 Anti Roll Bar Set - Vibe TC



U8882 Alloy Transmission Housings (pr)



U8258 Castor Gauge (pr)

**See Page 26 for
more Option Parts**

PARTS LIST

Chassis Parts

U4741	6mm Offset Servo Arms
U4773	Aerial Mount
U7738	Radius Arms pr - Mi7,FT,Mi8,FT8,Mi9
U7739	Body Post Spacers - Mi7,Mi8 (pr)
U7750	LiPo Mounting Mouldings set - Mi7-9,FT8,Mi9,Neon
U7773	Alloy Steering Pivots/Spacers - Mi7-9,Neon (pr)
U7790	Foam Bumper - Mi7,FT,Mi8,Mi9
U7848	Servo Post - Mi7,Neon
U7850	Body Post Set (4pcs) - Mi7,FT,Mi8,Neon
U8316	Front Bumper Mouldings - Mi8,FT8,Mi9,Neon
U8828	Inner Lipo Stop (pr) - Neon
U8835	Transmission Housing (pr) - Neon
U8839	Motor Mount - Neon
U8840	Alloy Layshaft Mount - Neon
U8842	Steering Pivot - Neon
U9082	S2 Centre Track Rod - Vibe TC
U9083	S2 FL Wishbone - Vibe TC
U9084	S2 FR Wishbone - Vibe TC
U9085	S2 RL Wishbone - Vibe TC
U9086	S2 RR Wishbone - Vibe TC
U9087	S2 Front Shock Mount - Vibe TC
U9088	S2 Rear Shock Mount - Vibe TC
U9089	S2 Chassis - Vibe TC
U9090	S2 Topdeck - Vibe TC
U9091	S2 Upper Link Mount Front (pr) - Vibe TC
U9092	S2 Steering Arm (pr) - Vibe TC
U9093	S2 Rear Toe Arm (pr) - Vibe TC
U9094	S2 Servo Mount - Vibe TC
U9097	S2 Bumper Stop - Vibe TC
U9098	Assembly Jig Kit - Vibe TC
U9099	S2 Upper Link Mount Rear (pr) - Vibe TC

Bodies & Decals

U9102	Decal - Vibe TC
U9103	Manual - Vibe TC
AX035	Aerox Touring Car Body Side Stiffeners
AX036	Aerox Touring Car Body Rear Stiffeners
MR33-RW05	MR33 Touring Rear Wing 0.5mm v2
MR33-TWS-05	MR33 Touring Car Wing Set 0.5mm (2)
MR33-TWS-07	MR33 Touring Car Wing Set 0.7mm (2)
MT018002H	Montech Wing Hard 1mm
MT018003M	Montech Wing Medium 0.75mm
MT019013	Montech Montecarlo Body - Std
MT019013L	Montech Montecarlo Body - Light Weight
MT019018	Montech YSOT Body Standard
MT019018L	Montech YSOT Body Light Weight
MT021001	Montech IMOLA TC Body - Standard
MT021001L	Montech IMOLA TC Body - Lightweight
MT021011	Montech Zero TC Body - Standard
MT021011L	Montech Zero TC Body - Lightweight
MT024008	Montech JULIA TC Body - Standard
MT024008L	Montech JULIA TC Body - Lightweight
MT024009	Montech 1/10th COMBO Wing Set - 0.75mm
U4806	Touring Car Wheel Arch Cutting Jig
U5119	Touring Car Wing + 2 End Plates - Clear
U5120	Touring Car Wing + 2 End Plates - Black
U5121	Touring Car Wing + 2 End Plates - Carbon
U8586	Schumacher Decal Sheet - Black - pk2
U8587	Schumacher Decal Sheet - Neon Blue - pk2
U8588	Schumacher Decal Sheet - Neon Green - pk2
U8589	Schumacher Decal Sheet - Neon Orange - pk2
U8590	Schumacher Decal Sheet - Neon Pink - pk2
U9102	Decal - Vibe TC
XTMTB0413-ETS	Xtreme Twister - ETS TC Body
XTMTB0413-L	Xtreme Twister - Light TC Body
XTMTB0413-UL	Xtreme Twister - Ultra Light TC Body
XTMTB0415-UL	Xtreme Twister Speciale - Ultra Light TC Body

Suspension

U3496	Ball Studs; Short - pk 4
U3497	Ball Studs; Long - pk 4
U4221	Turnbuckle Adjuster HTT - 24mm - pr
U4223	Turnbuckle Adjuster HTT - 45mm - pr
U4274	Pro Ball Stud Short - pk4
U4275	Pro Ball Stud Long - pk4
U4298	Turnbuckle HT - 35mm - pr
U4775	Pivot Ball 5.5mm - (4pcs)
U4904	Precision Ball Stud Short - pk4
U4905	Precision Ball Stud Long - pk4
U4968	Ball Sockets Low Profile -Eclipse,PC,A3 - pk4
U7733	Hub Carriers - Mi7,Mi8,FT8 (pr)
U7748	Upper Wishbone Mouldings - Mi7,Mi8,FT8 (pr)
U7808	M4 Turnbuckle - 24mm (pr)
U7833	Ball Stud Low (Short) (pk4)
U8185	Upper Wishbone Conversion - Mi8 ,Mi9
U8321	Ball Sockets Pro - Grey (pk8)
U8837	Lower Shock Mount (pr) - Neon
U9100	Outer Wishbone Socket (pk4) - Vibe TC
U9104	Up. Wishbone Outer Long Balljoint Assy - Mi7/Vibe
U9105	Up. Wishbone Outer Short Balljoint Assy - Vibe TC

Transmission

U2153	Spacers and Pins - pin drive - SST (4 sets)
U2184	SPEED PACK - DiscSprings+DrivePins
U3838	Driveshaft; Steel Bone Rear 1pc - Mi4CX-Mi6
U4260	Gear Diff Housings - Mi5/evo,Neon
U4261	Gear Diff Bevel Gears - Mi5/evo,Mi6/evo,Neon
U4279	Gear Diff Rebuild Kit - Mi5/evo,Mi6/evo,Neon
U4712	Gear Diff O-Rings
U4879	Gear Diff Pulley, Cover and Fence - Mi6/evo
U7752	Rear Driveshaft Pins,Pivots - Mi7-8,FT,Neon
U7753	Double Joint Driveshaft V2 pr - Mi7,FT,Mi8,FT8
U7754	Double Joint Driveshaft Pins,Pivots V2-Mi7,8,FT-8
U7755	Double Joint Driveshaft Bone V2 - Mi7,FT,Mi8,FT8
U7756	Double Joint Driveshaft Axle V2 - Mi7-8,FT,FT8,Neon
U7757	Double Joint Driveshaft Tube V2 - Mi7-8,FT-8,Neon
U7778	Rear Driveshaft Axle - Mi7,FT,Neon
U7785	Diff End Float Shim 0.10mm (pk10)
U7786	Gear Diff Rebuild Kit - Mi7,Mi8,FT8,Neon
U8166	5.5mm Pivot Ball Socket pk8 - Mi7,Mi8,FT8,Neon
U8833	Eccentric (pr) - Neon
U8834	Layshaft Mount & Pulley Set - Neon
U8836	Spool Hub and Fence - Neon
U8860	Layshaft - Neon
U8885	Spool Output (pr) - Neon
U8886	Wheel Hex (pr) - Neon
U8887	Diff Output (pr) - Neon
U9095	117T x 3.0mm Belt - Vibe TC
U9101	Rear Driveshaft (pr) - Vibe TC

Pinions

CR4821	Pinion Gear 48DP 21T (7075 Hard)
CR4822	Pinion Gear 48DP 22T (7075 Hard)
CR4823	Pinion Gear 48DP 23T (7075 Hard)
CR4824	Pinion Gear 48DP 24T (7075 Hard)
CR4825	Pinion Gear 48DP 25T (7075 Hard)
CR4826	Pinion Gear 48DP 26T (7075 Hard)
CR4827	Pinion Gear 48DP 27T (7075 Hard)
CR4828	Pinion Gear 48DP 28T (7075 Hard)
CR4829	Pinion Gear 48DP 29T (7075 Hard)
CR4830	Pinion Gear 48DP 30T (7075 Hard)
CR4831	Pinion Gear 48DP 31T (7075 Hard)
CR4832	Pinion Gear 48DP 32T (7075 Hard)
CR4833	Pinion Gear 48DP 33T (7075 Hard)

PARTS LIST

Pinions Cont.

CR4834	Pinion Gear 48DP 34T (7075 Hard)
CR4835	Pinion Gear 48DP 35T (7075 Hard)
CR4836	Pinion Gear 48DP 36T (7075 Hard)
CR4837	Pinion Gear 48DP 37T (7075 Hard)
CR4838	Pinion Gear 48DP 38T (7075 Hard)
CR4839	Pinion Gear 48DP 39T (7075 Hard)
CR4840	Pinion Gear 48DP 40T (7075 Hard)
CR4841	Pinion Gear 48DP 41T (7075 Hard)
CR4842	Pinion Gear 48DP 42T (7075 Hard)
U7521	Pinion; Long Boss Steel 48dp - 21T
U7522	Pinion; Long Boss Steel 48dp - 22T
U7523	Pinion; Long Boss Steel 48dp - 23T
U7524	Pinion; Long Boss Steel 48dp - 24T
U7525	Pinion; Long Boss Steel 48dp - 25T
U7526	Pinion; Long Boss Steel 48dp - 26T
U7527	Pinion; Long Boss Steel 48dp - 27T
U8021	Pinion - Long Boss Hard Alloy 48DP - 21T
U8022	Pinion - Long Boss Hard Alloy 48DP - 22T
U8023	Pinion - Long Boss Hard Alloy 48DP - 23T
U8024	Pinion - Long Boss Hard Alloy 48DP - 24T
U8025	Pinion - Long Boss Hard Alloy 48DP - 25T
U8026	Pinion - Long Boss Hard Alloy 48DP - 26T
U8027	Pinion - Long Boss Hard Alloy 48DP - 27T
U8028	Pinion - Long Boss Hard Alloy 48DP - 28T
U8029	Pinion - Long Boss Hard Alloy 48DP - 29T
U8030	Pinion - Long Boss Hard Alloy 48DP - 30T
U8031	Pinion - Long Boss Hard Alloy 48DP - 31T
U8917	Pinion - Long Boss Hard Alloy 48DP - 32T
U8918	Pinion - Long Boss Hard Alloy 48DP - 33T
U8919	Pinion - Long Boss Hard Alloy 48DP - 34T
U8920	Pinion - Long Boss Hard Alloy 48DP - 35T
U8921	Pinion - Long Boss Hard Alloy 48DP - 36T
U8922	Pinion - Long Boss Hard Alloy 48DP - 37T
U8923	Pinion - Long Boss Hard Alloy 48DP - 38T
U8924	Pinion - Long Boss Hard Alloy 48DP - 39T
U8925	Pinion - Long Boss Hard Alloy 48DP - 40T
U8926	Pinion - Long Boss Hard Alloy 48DP - 41T
U8927	Pinion - Long Boss Hard Alloy 48DP - 42T

Bearings & Balls

U2148	Ball Bearing - 5x10x4 Shield - (pr)
U2189	Wheel Bearings 5x10x4 Shield +Shim Set (8pcs)
U3016	Ball Bearing - 10x15x4 - Shield (pr)
U3075	Ball Bearing - 4x8x3mm Red Seal - (pr)
U7326	Ball Bearing - 5x10x3 Shield - (pr)
U8320	Ball Bearing 3/16"x5/16" Yellow (pr)

Shock Absorbers

U4557	Shock Seal Cap 1pr - Mi5evo,Mi7,FT8,Mi9,Neon
U7463	Ultra Short Shock Seal O Ring pk4 - Mi6-9,FT8,Neon
U7530	Ultra Short Shock Diaphragm pk4 - Mi6-8,FT8,Neon
U7533	Ultra Short Shock Collar O Rings pr-Mi6-8,FT8,Neon
U7537	Ultra Short Shock Piston 4H pr - Mi6-9,FT8,Neon
U7545	Ultra Short Shock Shims (3.3x6.7x0.05)-Mi6-9,FT8,N
U7561	Ultra Short Shock Spring Seat (pr)
U7782	Ultra Short Shock Rebuild Kit
U8379	Shock Set - Mi8,FT8 (pk4)
U8831	Shock Body (pr) - Neon
U8832	Shock Top (pr) - Neon
U8838	Shock Shaft (pr) - Neon
U9096	Alloy Shock Collar (pr) - Vibe TC

Springs

CR840	CORE RC Hi Response TC Spring 1.9 - White
CR841	CORE RC Hi Response TC Spring 2.1 - Red
CR842	CORE RC Hi Response TC Spring 2.3 - Green
CR843	CORE RC Hi Response TC Spring 2.5 - Blue
CR844	CORE RC Hi Response TC Spring 2.6 - Black
CR845	CORE RC Hi Response TC Spring 2.7 - Orange
CR846	CORE RC Hi Response TC Spring 2.8 - Yellow
CR847	CORE RC Hi Response TC Spring 2.9 - Purple
CR848	CORE RC Hi Response TC Spring 2.2-2.9 Brown
CR849	CORE RC Hi Response TC Spring 3.1 - Grey
CR850	CORE RC Hi Response TC Spring 3.3 - Pink
CR851	CORE RC Hi Response TC Spring 3.5 - Grn/Yellow
CR852	CORE RC Hi Response TC Spring Set - Soft
CR853	CORE RC Hi Response TC Spring Set - Med
CR854	CORE RC Hi Response TC Spring Set - Hard

Hardware

CR024	CORE RC - Serrated M4 Steel Wheel Nut pk4
U1547	SPEED PACK - M3 Nuts
U1633	SPEED PACK - Small Pins (pk)
U2947	SPEED PACK - M2.5 Washers (pk8)
U3021	SPEED PACK - M3x6 Csk Hd - (pk10)
U3022	SPEED PACK - M3x8 Csk Hd - (pk10)
U3023	SPEED PACK - M3x10 Csk Hd - (pk10)
U3753	SPEED PACK - M2.5x6 Button Hd pk8
U3754	SPEED PACK - M2.5x10 Csk Hd pk8
U4124	SPEED PACK - Shims 5 x 7 x 0.4mm - pk6
U4281	Steering Post pk3 - Mi5/evo
U4652	SPEED PACK M3x2.5 Grub Screws (10pcs)
U4707	Short Ball Gripper - Grey (pk8)
U4835	SPEED PACK - M3 Steel Nut Black (pk8)
U4836	SPEED PACK Grub Screw M3x8mm Cup Point
U4837	SPEED PACK M2.5x10 Cap Hd (pk8)
U7104	SPEED PACK - M3x8 Button Hd (pk10)
U7105	SPEED PACK - M3x10 Button Hd (pk10)
U7106	SPEED PACK - M3x12 Button Hd (pk10)
U7107	SPEED PACK - M3x16 Button Hd (pk10)
U7114	SPEED PACK - M3x12 Cap Hd (pk10)
U7122	SPEED PACK - M3x12 Csk Hd (pk10)
U7225	SPEED PACK M2 Steel Washer (pk10)
U7538	SPEED PACK M2x6 CSK pk 10
U7611	SPEED PACK - M3x14 Button Hd (pk10)
U7689	M3 Brass Inserts - pk10
U7707	M3 Steel Washers (pk10)
U7743	M2.5 X 8 Button Screws (pk10)
U7751	M3x8 Grub Screw Dome End (pk4)
U7795	M3x2 Grub Screw (pk10)
U8133	6 x 1 'O'ring pk10 - Mi7-8,Icon/2,E4-5,A3,FT8,Neon
U8168	5 x 1 'O'ring (pk10)
U8275	Plastic Washer Set 1,1.5,2,3,4mm (20 pcs)
U8309	M3x6 Stainless Steel Cap Head (pk10)
U8345	O'Ring 5x1.5 Red (pk 10)
U8352	M3x14 Csk Hd (pk10)
U8536	M3x4 Grub Screw Cup Point - (pk10)
U8898	M2.5 Thread Inserts (pk10)

PARTS LIST

Option Parts

AM348078	Spur Gear 48P - 78T	U7855	Titanium Rear Axle - Mi, Neon (pr)
AM348081	Spur Gear 48P - 81T	U8065	M3 Alloy Thread Insert pk8
AM348082	Spur Gear 48P - 82T	U8256	Alloy T Brace - Mi8, FT8, Mi9, Neon
AM348083	Spur Gear 48P - 83T	U8258	Castor Gauge - Mi8, FT8, Neon (pr)
AM348084	Spur Gear 48P - 84T	U8263	Alloy M3 Turnbuckle - 25mm - Black (pr)
AM348085	Spur Gear 48P - 85T	U8264	Alloy M3 Turnbuckle - 35mm - Black (pr)
AM348086	Spur Gear 48P - 86T	U8265	Alloy M3 Turnbuckle - 45mm - Black (pr)
AM640002	64 Ti Screw Allen Csk M3 x 6 (5)	U8323	C/F Lipo Hook - Mi8, FT8, Mi9, Neon (pr)
AM640003	64 Ti Screw Allen Csk M3 x 8 (5)	U8333	Wheel Hex Spacers 0.25, 0.5, 0.75mm - (pk12)
AM640004	64 Ti Screw Allen Csk M3 x 10 (5)	U8497	Anti Roll Bar Set - Vibe TC
AM640005	64 Ti Screw Allen Csk M3 x 12 (5)	U8709	Pro TC Alloy Impact Servo Saver
AM640006	64 Ti Screw Allen Csk M3 x 14 (5)	U8773	Brass Circular Weight 5g (pk4)
AM640030	64 Ti Screw Allen Round Head M3 x 4 - (5)	U8794	M3 Brass Black Thread Inserts - pk10
AM640033	64 Ti Screw Allen Round Head M3 x 8 (5)	U8882	Alloy Transmission Housings (pr) - Neon
AM640034	64 Ti Screw Allen Round Head M3 x 10 (5)	U8902	Rear Bodysell Supports (pr) - Mi8, Mi9
AM640035	64 Ti Screw Allen Round Head M3 x 12 (5)	U8903	Pro Ball Bearing 3/16 x 5/16 x 1/8 (pr)
AM640036	64 Ti Screw Allen Round Head M3 x 14 (5)	U9008	Brass LiPo Hook (pr) - Mi8, Mi9
AM640037	64 Ti Screw Allen Round Head M3 x 16 (5)	U9114	C/F Centre Track Rod - Vibe TC
AX011	Aerox Alloy Servo Arm - Offset 25T Futaba	U9115	C/F FL Wishbone - Vibe TC
AX012	Aerox Alloy Servo Arm - Offset 23T KO/Sanwa	U9116	C/F FR Wishbone - Vibe TC
AX030	Aerox On-Road Alloy Servo Arm - Offset 23T Sanwa	U9117	C/F RL Wishbone - Vibe TC
AX031	Aerox On-Road Alloy Servo Arm - Offset 25T Futaba	U9118	C/F RR Wishbone - Vibe TC
CR280	Ti Pro Ball Studs - Short - (pr)	U9119	C/F Chassis - Vibe TC
CR282	Ti Pro Ball Studs - Long - (pr)	U9120	C/F Top Deck - Vibe TC
CR304	Titanium Wheel Nuts M4 - pk4	U9121	C/F Upper Link Mount Front (pr) - Vibe TC
CR310	Alloy Csk Hex Screws M3 x 6 pk10	U9122	C/F Upper Link Mount Rear (pr) - Vibe TC
CR311	Alloy Csk Hex Screws M3 x 8 pk10	U9123	C/F Steering arm (pr) - Vibe TC
CR312	Alloy Csk Hex Screws M3 x 10 pk10	U9124	C/F Rear Toe Arm (pr) - Vibe TC
CR313	Alloy Csk Hex Screws M3 x 12 pk10	U9125	C/F Servo Mount - Vibe TCv
CR315	Alloy Button Head Hex Screws M3 x 8 pk10	U9198	C/F Front Shock Tower - Vibe TC
CR316	Alloy Button Head Hex Screws M3 x 10 pk10	U9199	C/F Rear Shock Tower - Vibe TC
CR320	Titanium Csk Hex Screws M3 x 6 pk10	U9200	C/F Set - Vibe TC
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		
CR328	Titanium Button Head Hex Screws M3 x 8 pk10		
CR329	Titanium Button Head Hex Screws M3 x 10 pk10		
CR330	Titanium Button Head Hex Screws M3 x 12 pk10		
CR465	Alloy Offset Servo Arm 23T - Sanwa/KO		
CR466	Alloy Offset Servo Arm 25T - Futaba		
CR697	Alloy Servo Arm Offset Short - 25T Futaba		
CR698	Alloy Servo Arm Offset Short - 23T SANWA		
U2862	Ceramic Bearing - 5x10x4 Shield - (pr)		
U3017	Ceramic Bearing - 10x15x4 - Shield - (pr)		
U3386	Ceramic Bearing - 4x8x3 Shield - (pr)		
U3525	Alloy Wheel Hex - Medium pr - Mi4-Mi8, FT, FT8, Neon		
U3582	Precision Balance Pivot Set		
U4235	M3 x 8mm Alloy Csk Screws pk10		
U4328	Impact Servo Saver 23T/25T		
U4329	Impact Servo Saver Mouldings		
U4330	Impact Servo Saver Springs		
U4725	Pro Ball Bearing - 5x10x4 Shield - (pr)		
U4726	Pro Ball Bearing - 5x10x3 Shield - (pr)		
U7313	Titanium Turnbuckle - 24mm - Silver - pr		
U7315	Titanium Turnbuckle - 35mm - Silver - pr		
U7317	Titanium Turnbuckle - 45mm - Silver - pr		
U7400	Titanium Low Profile M4 Serrated Nut (pk4)		
U7542	Ultra Short Alloy Spring Seat pr-Mi6-8, FT8, Neon		
U7725	Pro-Ball Bearing 10x15x4 Sealed - (pr)		
U7730	Pro-Ball Bearing 4x8x3 Sealed - (pr)		
U7812	Alloy Hub Carrier (Black) - Mi7, Mi8, FT8 (pr)		
U7827	Alloy LiPo Mount pr - Mi7, FT, Mi8, FT8, FT9, Mi9, Neon		
U7829	Titanium Ball Stud Low (Short) (pk4)		
U7837	C/F Upper Bumper - Mi7, FT, Mi8, FT8, FT9, Mi9, Neon		
U7839	C/F LiPo Swivel pr- Mi7-Mi9, FT, FT8/9, LD3, ST2, Neon		
U7849	Alloy Servo Post - Mi7, L1 EVO/R, Neon		
U7854	Alloy D/Joint Driveshaft Tube pr V2 -Mi7, 8, FT-8, Ne		

NOTES

Driver: Kit Build Track: N/A Event: N/A
Date: N/A Qualifying: N/A Final: N/A Best Lap: N/A

TRACK TYPE

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

TYRES

Side Wall Glue Height Ø N/A mm
Tyres N/A
Cleaner N/A
Additive N/A
Additive Time Front: N/A mins Rear: N/A mins
Heating Time Front: N/A mins Rear: N/A mins
Heating Temp Front: °C Rear: °C

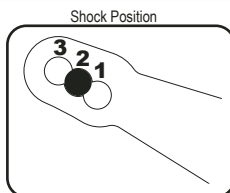
Notes:

FRONT

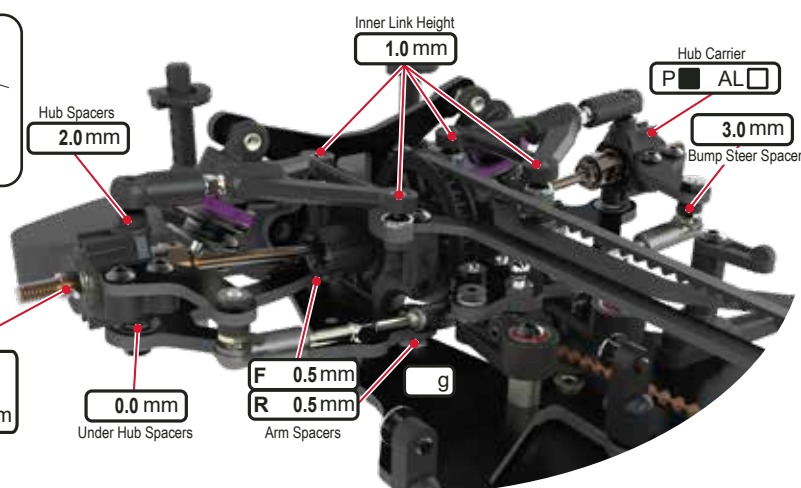
KEY: CF = Carbon Fibre, AL = Aluminium, P = Plastic, F = Front, R = Rear
H = High, L = Low, Y = Yes, N = No, V = Vertical, H = Horizontal

Ride Height 5.1 mm
Droop 23.0 mm
Camber deg
Toe -1/Side deg
Anti Roll Bar ☐ 1.1 ☐ 1.2 ☐ 1.3 ☐ 1.4
Spool Height ☐ ↑ ☐ ↓
Servo Horn Height 22 mm Saver ☐
Steering Travel in out

Notes:



Hex Choice
Kit ☒ AL ☐
Wide ☐
Spacers mm

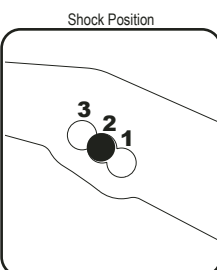


REAR

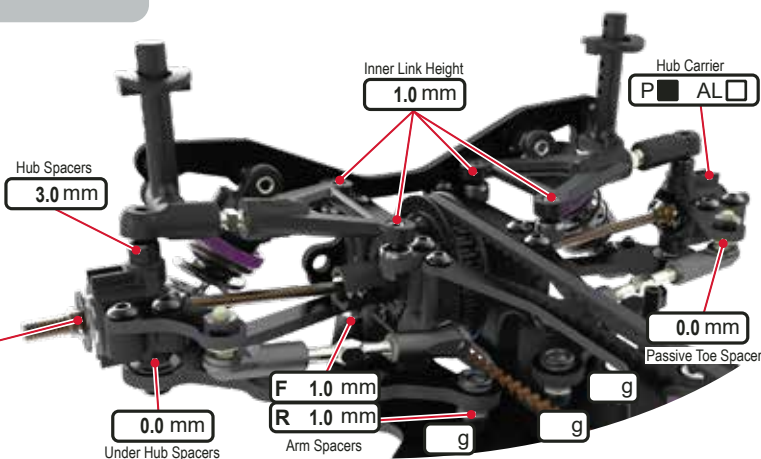
KEY: CF = Carbon Fibre, AL = Aluminium, P = Plastic, Ti = Titanium, F = Front, R = Rear
H = High, L = Low, Y = Yes, N = No, V = Vertical, H = Horizontal

Ride Height 5.3 mm
Droop 22.4 mm
Camber deg
Toe 3/Side deg
Anti Roll Bar ☐ 1.1 ☐ 1.2 ☐ 1.3 ☐ 1.4
Diff Height ☐ ↑ ☐ ↓
Diff Oil 1000 cSt

Notes:



Hex Choice
Kit ☒ AL ☐
Wide ☐
Spacers mm



BODYSHELL

Body N/A
Wing N/A
Wing Height N/A mm
Splitter Height N/A mm
Body Weight N/A g
Body Offset Fwd N/A mm
Wing Offset Rwd N/A mm
Wing End Plates ☐
Front Post ☐ 1dot ☒ 2dot ☐ 3dot ☐ Pin Hole ☐ 5
Rear Post ☐ 1dot ☒ 2dot ☐ 3dot ☐ Pin Hole ☐ 6

Notes:

CHASSIS

PTFE Tape ☐
Total Weight g
Weight Distribution
Forwards %
Chassis Material
S2 ☐ C/F ☐
TopDeck Material
S2 ☐ C/F ☐

Notes:

ELECTRONICS

E.S.C. N/A + g
Servo N/A
RX N/A + g
LiPo N/A + g
Motor N/A Spacers mm
Rotor Dia. N/A mm
Timing N/A deg
Pinion N/A t
Spur 81 t
Ratio

SHOCKS

KEY: x = Stroke, e = external
V = Vented (Drilled), S = Sealed

	FRONT	REAR
Cap Type	V <input checked="" type="checkbox"/> S <input type="checkbox"/>	V <input checked="" type="checkbox"/> S <input type="checkbox"/>
Oil	400 cSt	400 cSt
Piston	Kit <input checked="" type="checkbox"/>	Kit <input checked="" type="checkbox"/>
Spring	Core-RC Blue	Core-RC Orange
Length (x)	<input type="text"/> mm	<input type="text"/> mm
Rebound	<input type="text"/> mm	<input type="text"/> mm
Limiters (e)	<input type="text"/> mm	<input type="text"/> mm

Notes:

Driver: Test Driver

Track: N/A

Event: Baseline Tarmac/Asphalt Setup

Date: N/A

Qualifying: N/A

Final: N/A

Best Lap: N/A

TRACK TYPE

Grip Level ☐ High ☒ Medium ☐ Low

Type ☐ Tight ☐ Open ☒ Mixed

Condition ☐ Flat ☐ Bumpy ☒ Mixed

Surface ☒ Tarmac (Asphalt) ☐ Carpet

Track Temp °C

Weather

TYRES

Side Wall Glue Height Ø N/A mm

Tyres RU0569

Cleaner Triple 9

Additive MR33V3

Additive Time Front: 20 mins Rear: 20 mins

Heating Time Front: 18 mins Rear: 18 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 5.3 mm

Droop 22.6mm

Camber 1.5 deg

Toe 1/Side deg

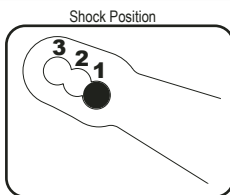
Anti Roll Bar ☐ 1.1 ☐ 1.2 ☒ 1.3 ☐ 1.4

Spool Height ☐ ↑ ☐ ↓

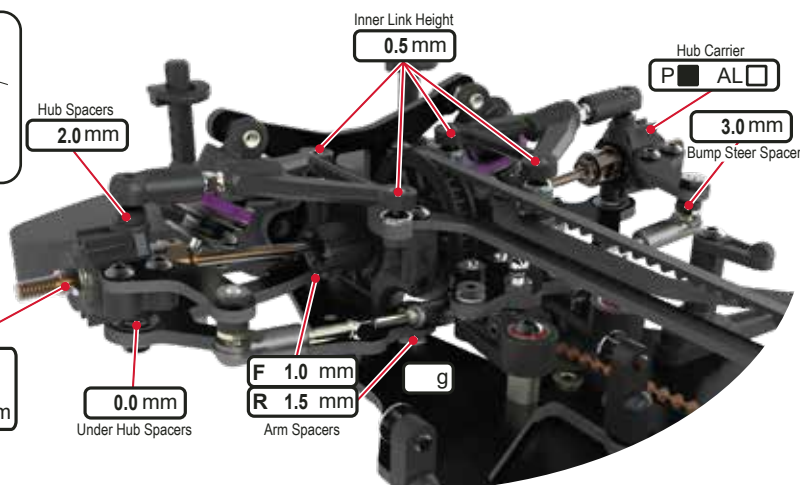
Servo Horn Height mm Saver ☐

Steering Travel 22 in out

Notes:



Hex Choice
Kit ☒ AL ☐
Wide ☐
Spacers mm



REAR

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

Ride Height 5.5 mm

Droop 22.4mm

Camber 2 deg

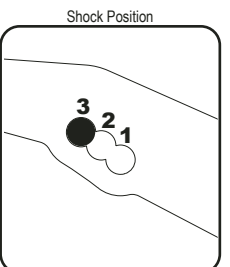
Toe 3/Side deg

Anti Roll Bar ☐ 1.1 ☐ 1.2 ☒ 1.3 ☐ 1.4

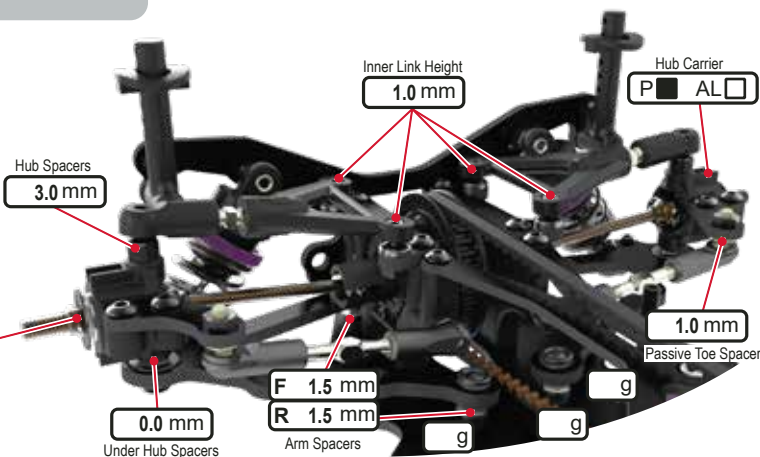
Diff Height ☐ ↑ ☐ ↓

Diff Oil 2000 cSt

Notes:



Hex Choice
Kit ☒ AL ☐
Wide ☐
Spacers mm



BODYSHELL

Body XTMTB0415-L

Wing Standard

Wing Height 114.5mm

Splitter Height 8 mm

Body Weight N/A g

Body Offset Fwrd 1.5 mm

Wing Offset Rwrdr N/Amm

Wing End Plates ☐

Front Post ☐ 1dot ☐ 2dot ☐ 3dot ☐ Pin Hole ☐ 5

Rear Post ☐ 1dot ☐ 2dot ☐ 3dot ☐ Pin Hole ☐ 6

Notes:

CHASSIS

PTFE Tape ☐

Total Weight g

Weight Distribution

Forwards %

Chassis Material

S2 ☒ C/F ☐

TopDeck Material

S2 ☒ C/F ☐

Notes:

ELECTRONICS

E.S.C. LRP Flow X + g

Servo Highest BLP650

RX Sanwa RX482 + g

LiPo Aerox 6500 + g

Motor Hobbywing 17.5T Spacers mm

Rotor Dia. N/A mm

Timing N/A deg

Pinion N/A t

Spur 81 t

Ratio

SHOCKS

KEY: x = Stroke, e = external
V = Vented (Drilled), S = Sealed

FRONT REAR

Cap Type ☐ V ☐ S ☐ V ☐ S

Oil 400 cSt 350 cSt

Piston ☐ Kit ☐ Kit

Spring Core-RC Blue Core-RC Yellow

Length (x) mm mm

Rebound mm mm

Limiters (e) mm mm

Notes:

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 _____

TYRES

Side Wall Glue Height Ø _____ mm
Tyres _____
Cleaner _____
Additive _____
Additive Time Front: _____ mins Rear: _____ mins
Heating Time Front: _____ mins Rear: _____ mins
Heating Temp Front: _____ °C Rear: _____ °C

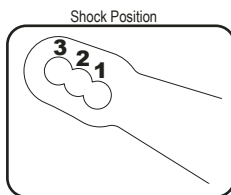
Notes:

FRONT

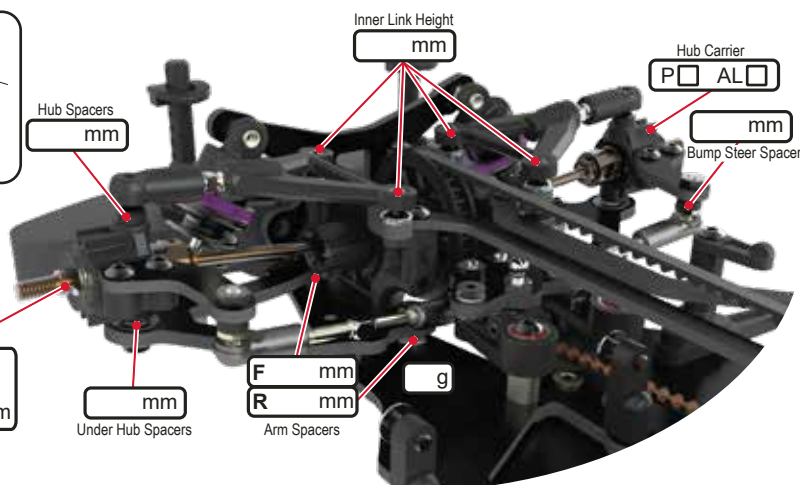
KEY: CF = Carbon Fibre, AL = Aluminium, P = Plastic, F = Front, R = Rear
H = High, L = Low, Y = Yes, N = No, V = Vertical, H = Horizontal

Ride Height _____ mm
Droop _____ mm
Camber _____ deg
Toe _____ deg
Anti Roll Bar ☐ 1.1 ☐ 1.2 ☐ 1.3 ☐ 1.4 ☐
Spool Height ☐ ↑ ☐ ↓
Servo Horn Height _____ mm Saver ☐
Steering Travel _____ in _____ out

Notes:



Hex Choice
Kit ☐ AL ☐
Wide ☐
Spacers _____ mm

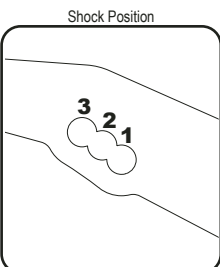


REAR

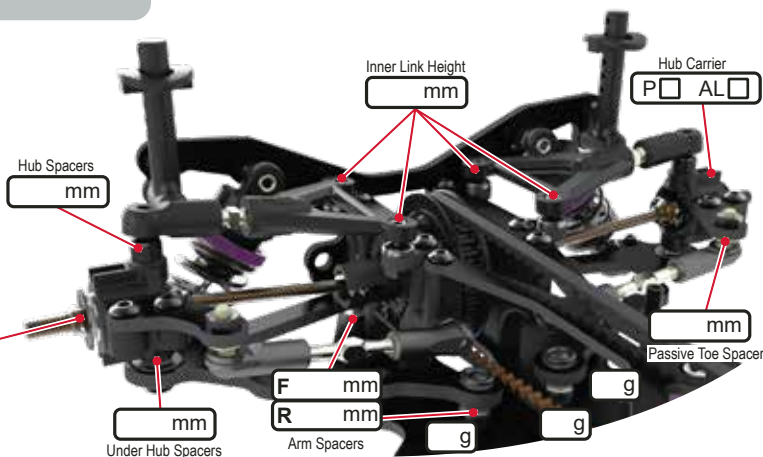
KEY: CF = Carbon Fibre, AL = Aluminium, P = Plastic, Ti = Titanium, F = Front, R = Rear
H = High, L = Low, Y = Yes, N = No, V = Vertical, H = Horizontal

Ride Height _____ mm
Droop _____ mm
Camber _____ deg
Toe _____ deg
Anti Roll Bar ☐ 1.1 ☐ 1.2 ☐ 1.3 ☐ 1.4 ☐
Diff Height ☐ ↑ ☐ ↓
Diff Oil _____ cSt

Notes:



Hex Choice
Kit ☐ AL ☐
Wide ☐
Spacers _____ mm



BODYSHELL

Body _____
Wing _____
Wing Height _____ mm
Splitter Height _____ mm
Body Weight _____ g
Body Offset Fwrd _____ mm
Wing Offset Rwrd _____ mm
Wing End Plates ☐
Front Post ☐ 1dot ☐ 2dot ☐ 3dot ☐ Pin Hole ☐
Rear Post ☐ 1dot ☐ 2dot ☐ 3dot ☐ Pin Hole ☐
Notes:

CHASSIS

PTFE Tape ☐
Total Weight _____ g
Weight Distribution
Forwards _____ %
Chassis Material
S2 ☐ C/F ☐
TopDeck Material
S2 ☐ C/F ☐
Notes:

ELECTRONICS

E.S.C. _____ + g
Servo _____
RX _____ + g
LiPo _____ + g
Motor _____ Spacers _____ mm
Rotor Dia. _____ mm
Timing _____ deg
Pinion _____ t
Spur _____ t
Ratio _____

SHOCKS

KEY: x = Stroke, e = external
V = Vented (Drilled), S = Sealed

	FRONT	REAR
Cap Type	<input type="checkbox"/> V <input type="checkbox"/> S	<input type="checkbox"/> V <input type="checkbox"/> S
Oil	_____ cSt	_____ cSt
Piston	Kit <input type="checkbox"/>	Kit <input type="checkbox"/>
Spring	_____	_____
Length (x)	_____ mm	_____ mm
Rebound	_____ mm	_____ mm
Limiters (e)	_____ mm	_____ mm

Notes: