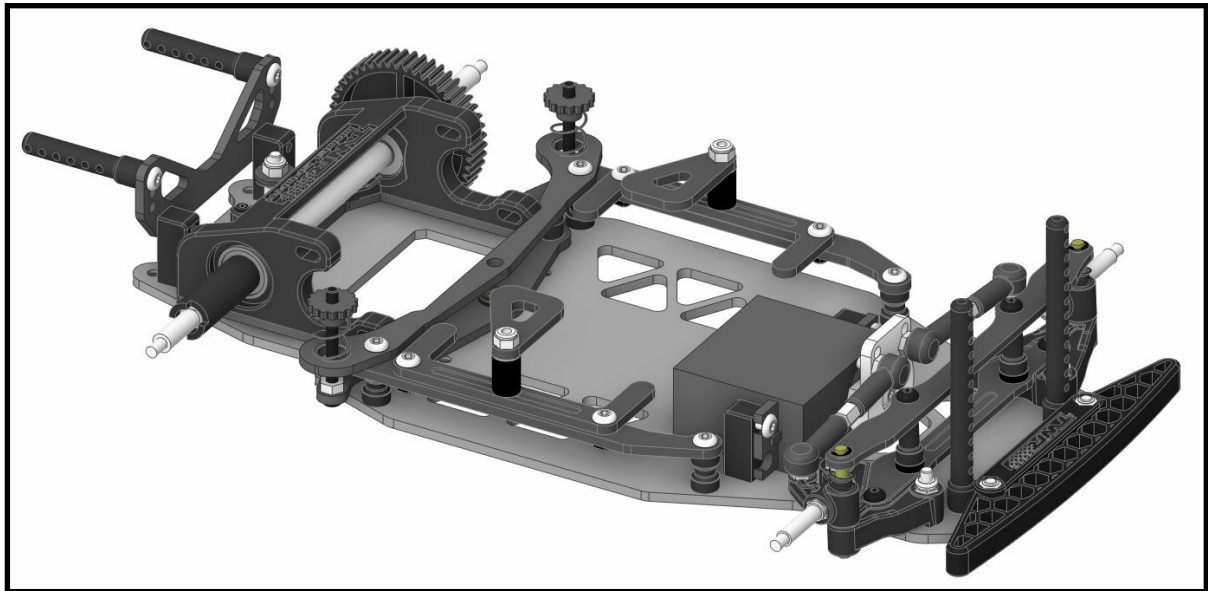


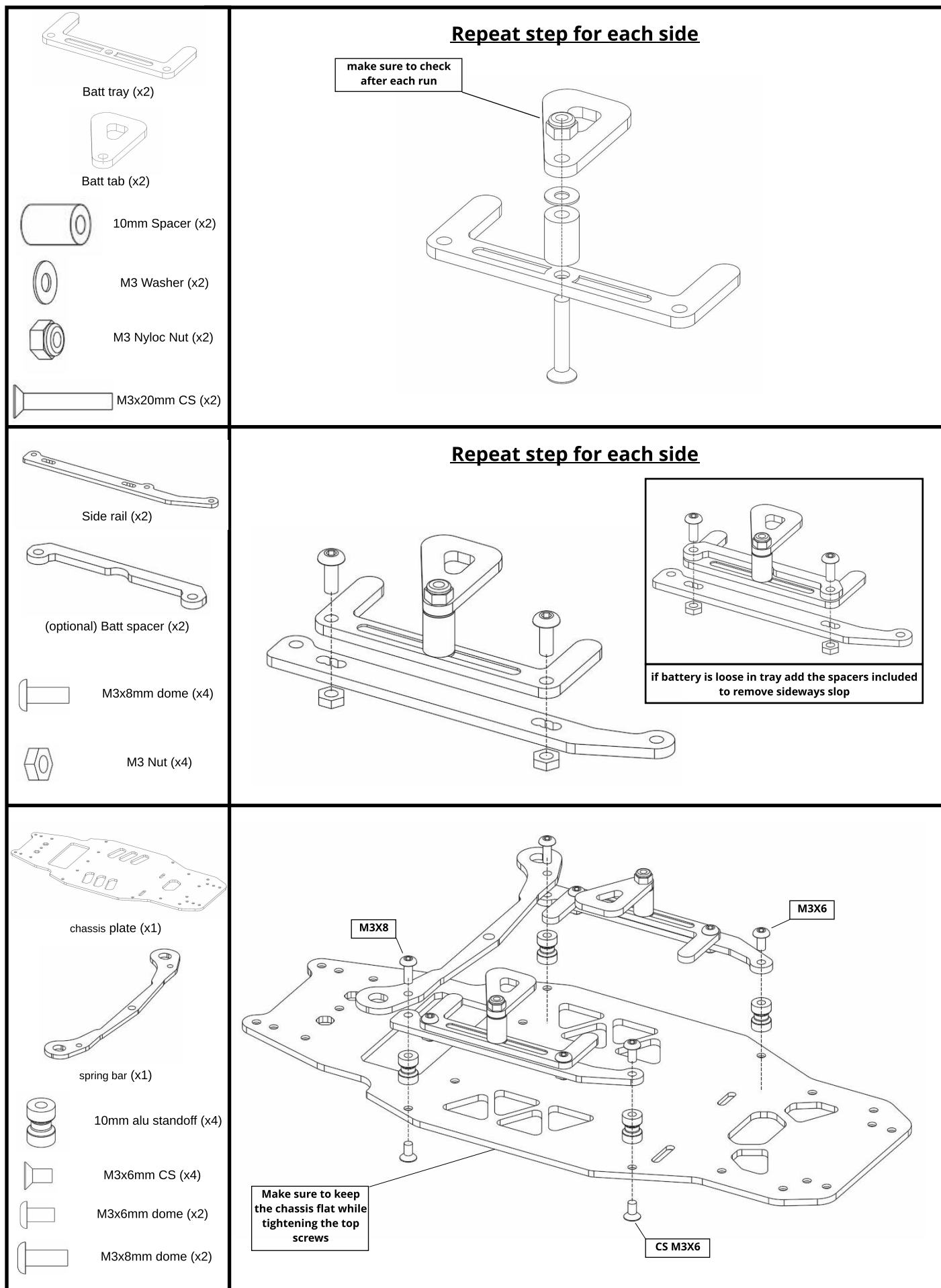


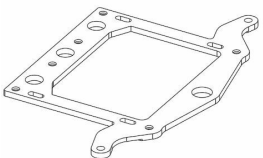
TWR
ACM-PRO



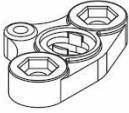
INSTRUCTION
MANUAL

All screws are to scale





Pod plate (x1)



rear guide (x1)



Balljoint U8475 (x1)



10x1 O'Ring (x1)



4X3 O'Ring (x1)



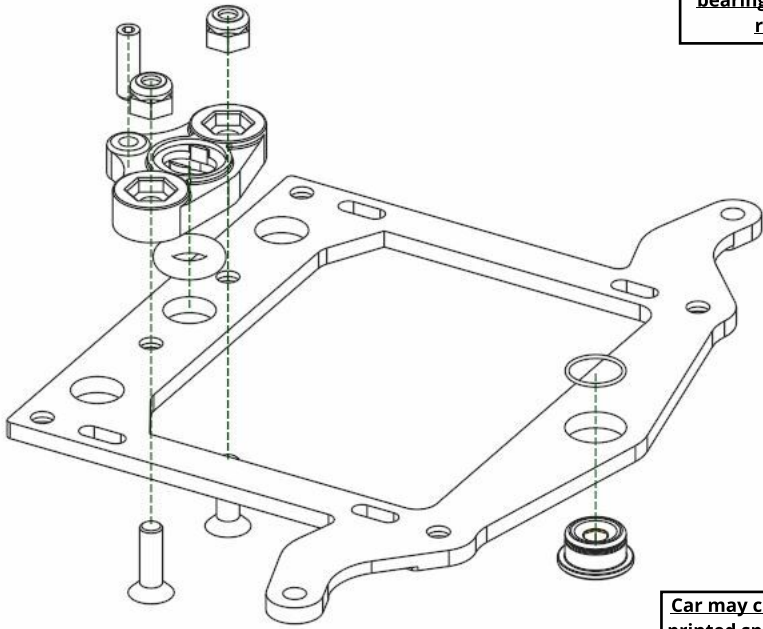
M3X10 (x1)



CS M3X10 (x2)

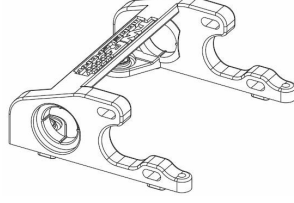


M3 Nyloc Nut (x2)



Use a small amount of bearing oil to Lubricate rear O-ring

Car may come with a small printed spacer to put above the o-ring to compress slightly if needed



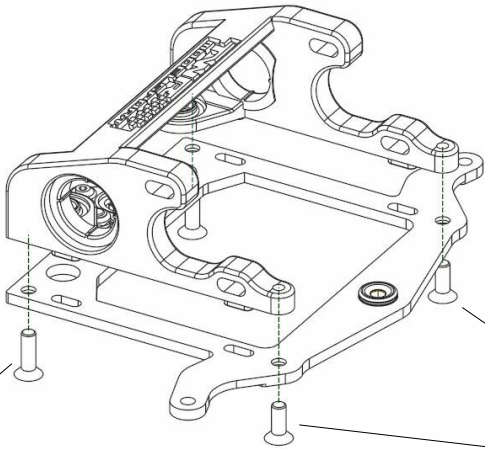
Pod (x1)



CS M3X8 (x2)



CS M3X10 (x2)



CS M3X10

M3X8 in the front longer screws will hit cross member and reduce roll



Guide pin (x1)



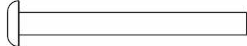
ride height shim (x1)



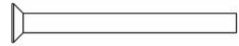
1mm washer (x1)



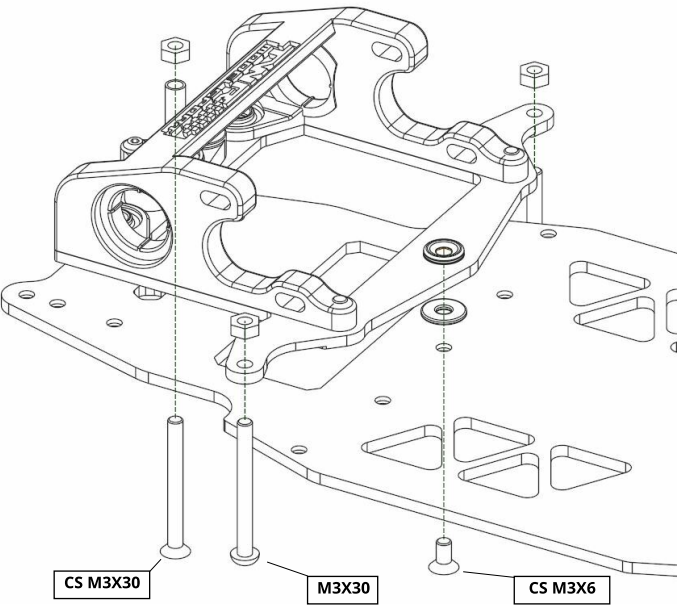
M3 Nut (x3)



M3X30 (x2)



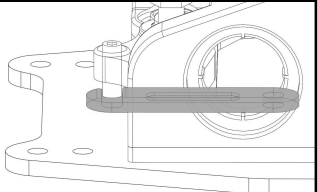
CS M3X30 (x1)



CS M3X30

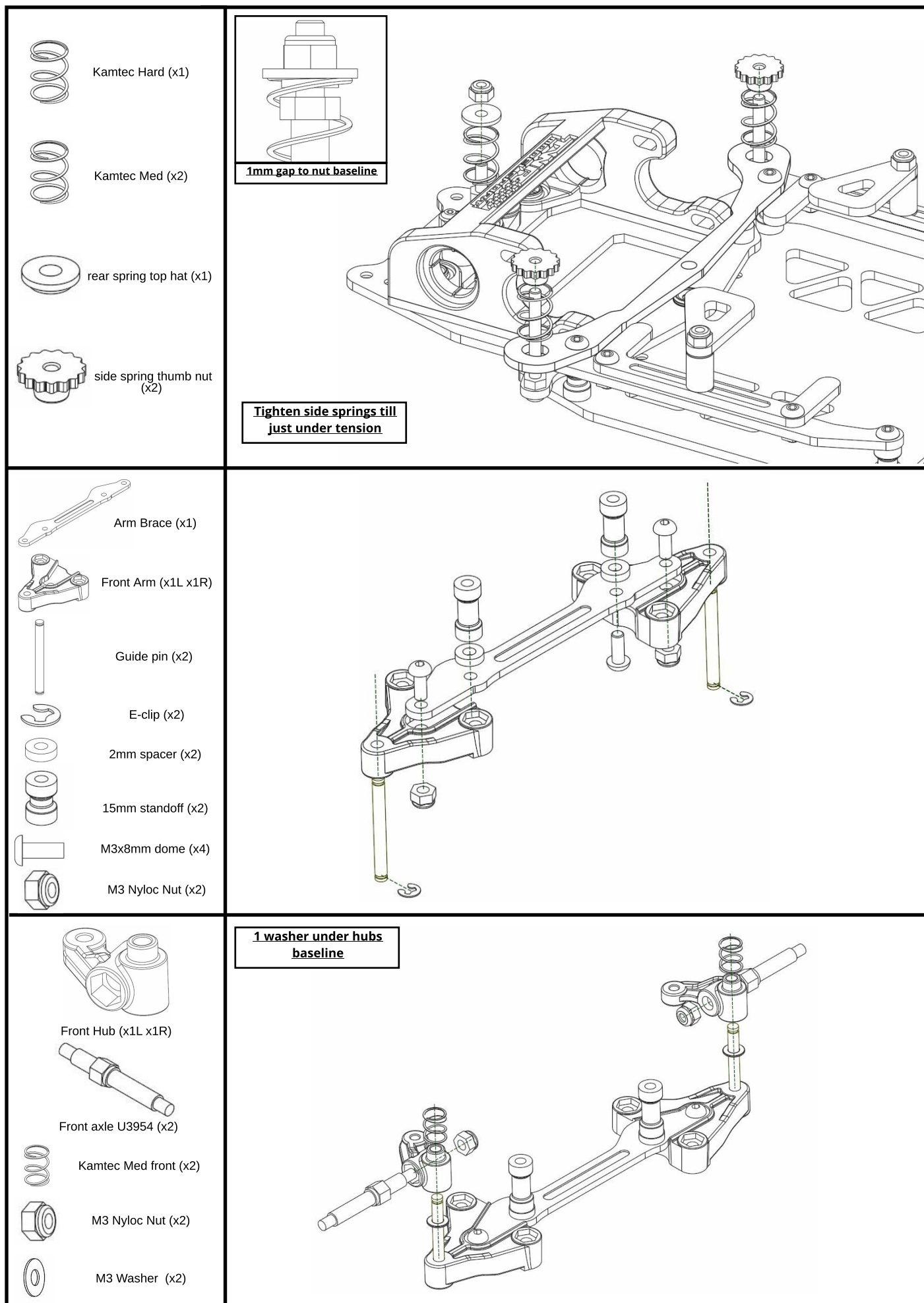
M3X30

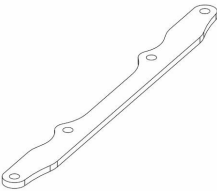
CS M3X6



Use the Front ride height shim (1.6mm) to set droop for kit setup

RIDE HEIGHT		
Droop	47mm Tyre	46mm Tyre
1mm	6mm	5mm
1.6mm	5.4mm	4.4mm
2mm	5mm	4mm





Kingpin Brace (x1)

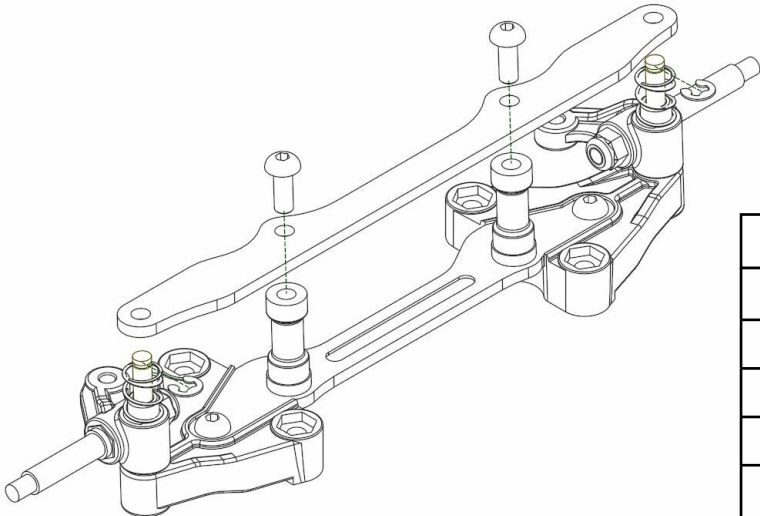


M3x8mm dome (x4)



E-clip (x2)

No Dot Brace Kit setup



CAMBER OPTIONS

Dot	Offset	Camber
1	-.25mm	-.5°
2	-.5mm	-.1°
3	-.75mm	-.1.5°
4	-.1mm	-.2°



1.6mm Ride height shim (x2)



M3 Nyloc Nut (x2)

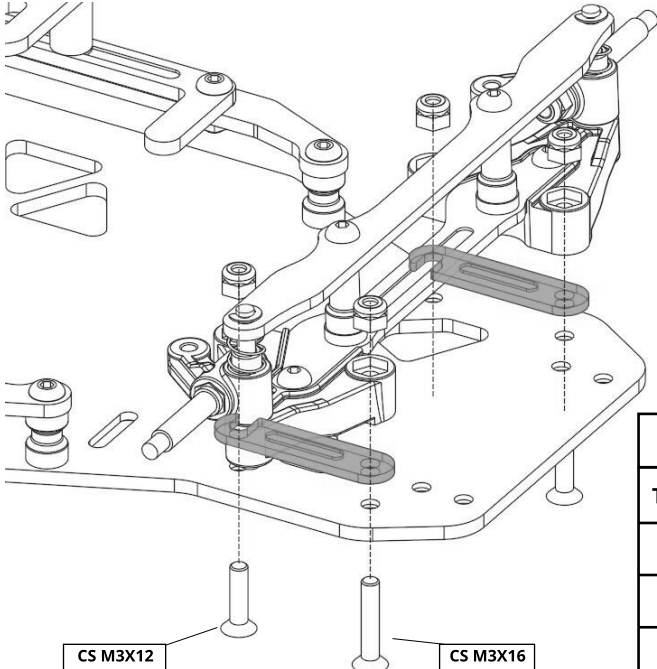


M3x16mm (x2)



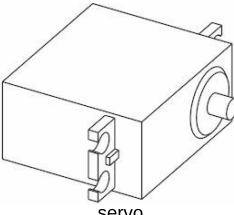
M3x12mm (x2)

Arms have 2 deg caster



RIDE HEIGHT

Tyre Dia	With shim	No shim
42mm	3.15mm	4.75mm
43mm	4.15mm	5.75mm
44mm	5.15mm	6.75mm



servo



servo saver



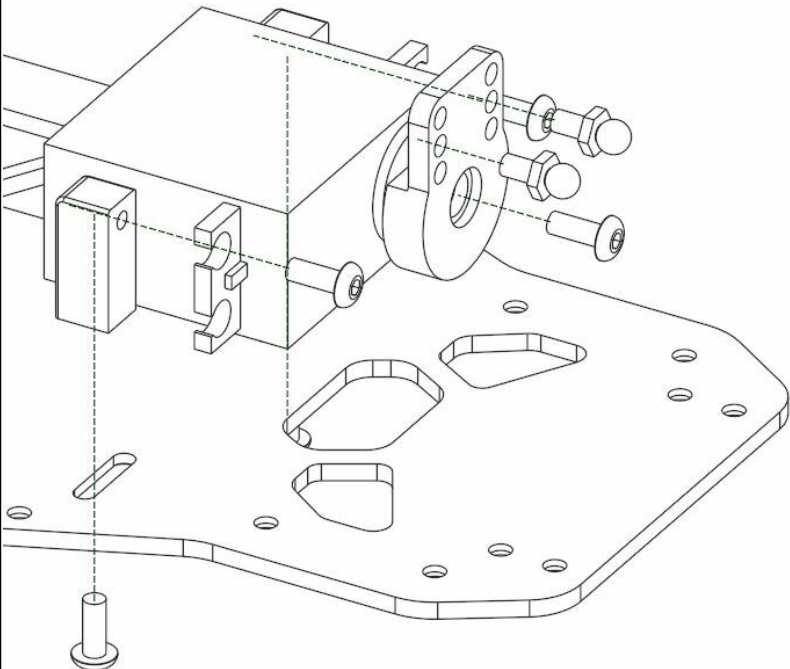
servo post (x2)

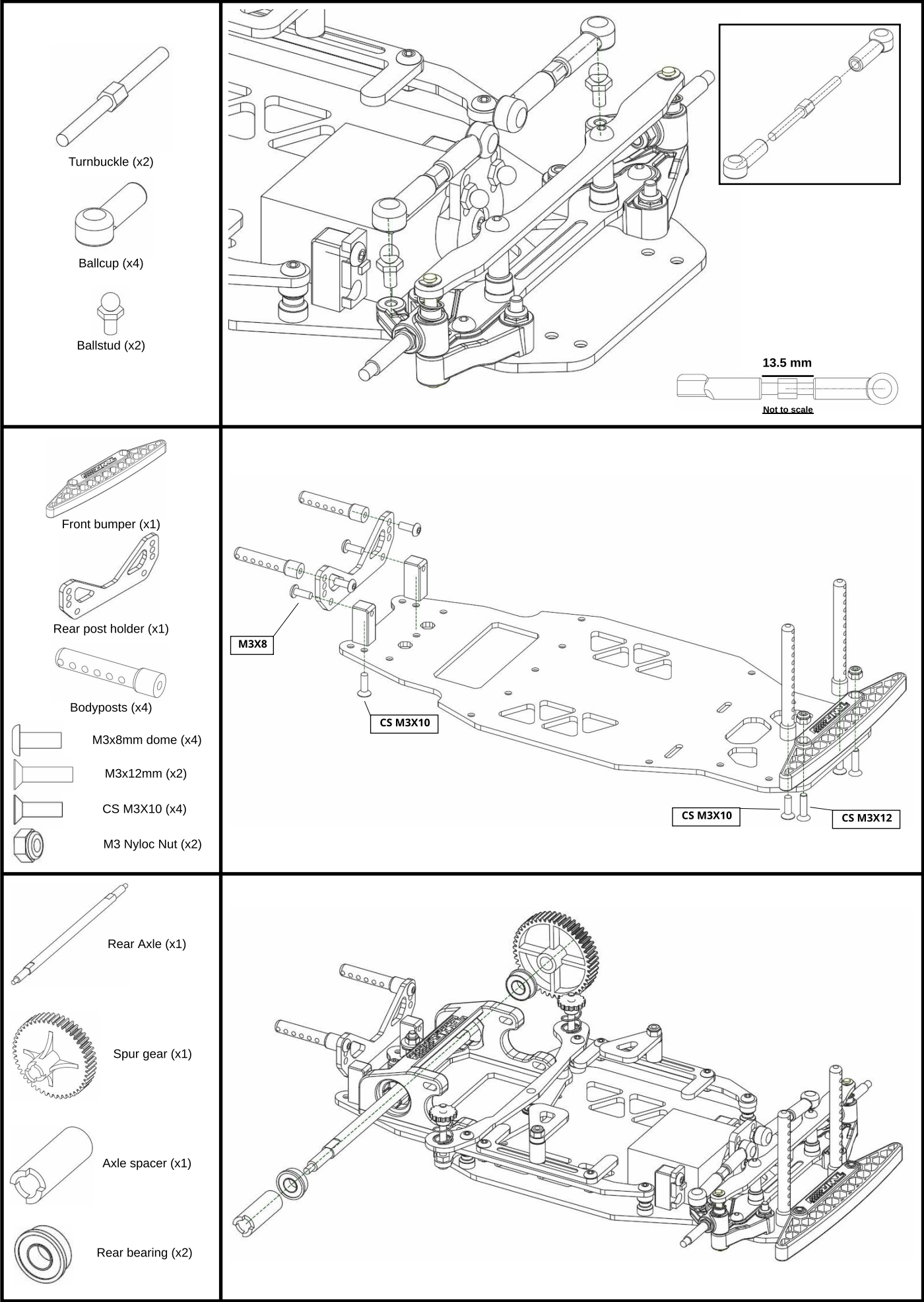


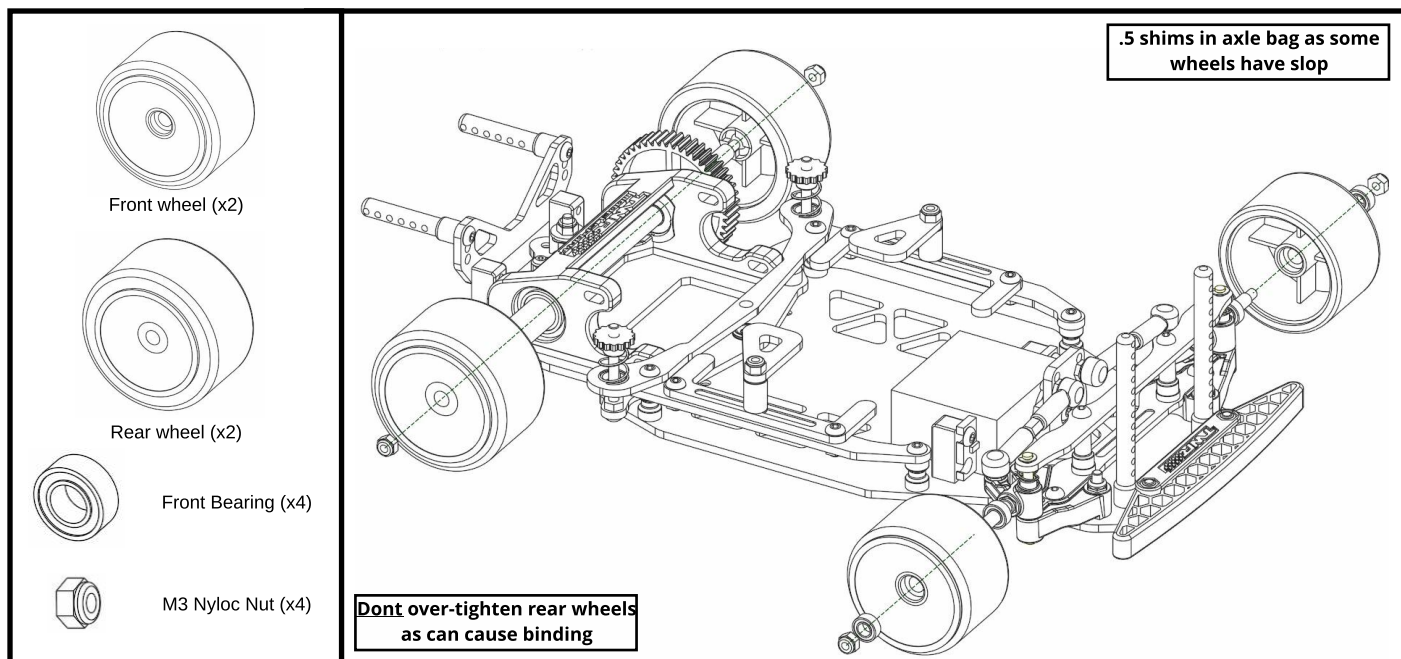
ballstud (x2)



M3x8mm dome (x5)







Roll out chart Calculated using 48T spur

Pinion	Tyre Diameter								
	42mm	43mm	44mm	45mm	46mm	47mm	48mm	49mm	50mm
14	38.5	39.4	40.3	41.2	42.1	43.1	44	44.9	45.8
15	41.2	42.2	43.2	44.2	45.2	46.1	47.1	48.1	49.1
16	44	45	46.1	47.1	48.2	49.2	50.3	51.3	52.4
17	46.7	47.8	49	50.1	51.2	52.3	53.4	54.5	55.6
18	49.5	50.7	51.8	53	54.2	55.4	56.5	57.7	58.9
19	52.2	53.5	54.7	56	57.2	58.4	59.7	60.9	62.2

Gear ratio chart Baseline setup 16p/48s

Pinion	Spur size						
	44T	45T	46T	47T	48T	49T	50T
14	3.14	3.21	3.29	3.36	3.43	3.50	3.57
15	2.93	3.00	3.07	3.13	3.20	3.27	3.33
16	2.75	2.81	2.88	2.94	3.00	3.06	3.13
17	2.59	2.65	2.71	2.76	2.82	2.88	2.94
18	2.44	2.50	2.56	2.61	2.67	2.72	2.78
19	2.32	2.37	2.42	2.47	2.53	2.58	2.63

DRIVER: BASELINE

Traction: Low  High

CIRCUIT: _____

Layout: Tight  Open

DATE: _____

Surface: Smooth  Rough



Gearing

Pinion:

Spur: 48

Roll out:

Spur Carrier: Kamtec plastic

Electronics

Motor:

Esc:

Battery:

Bodyshell

Body:

Wing:

Front Tyres

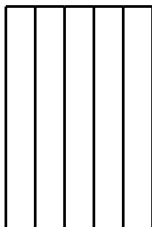
Compound:

Rim:

Diameter:

Sidewall Glue:

Additive:



Rear Tyres

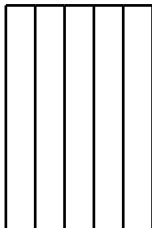
Compound:

Rim:

Diameter:

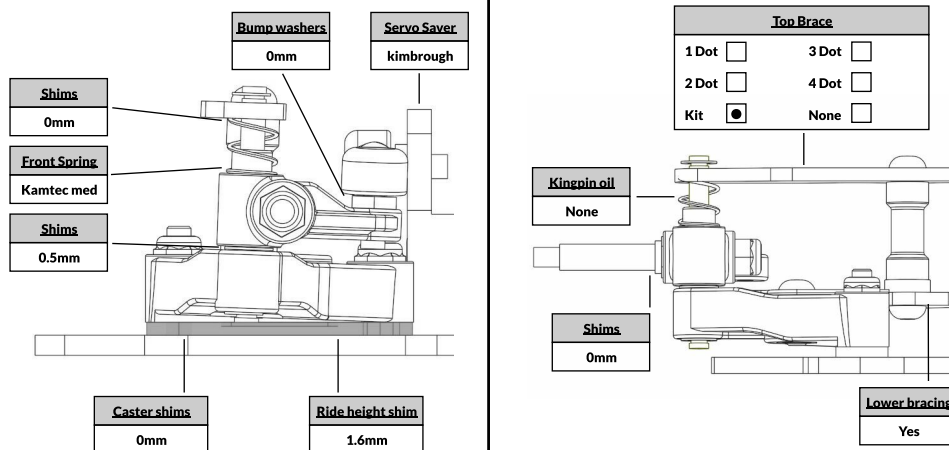
Sidewall Glue:

Additive:

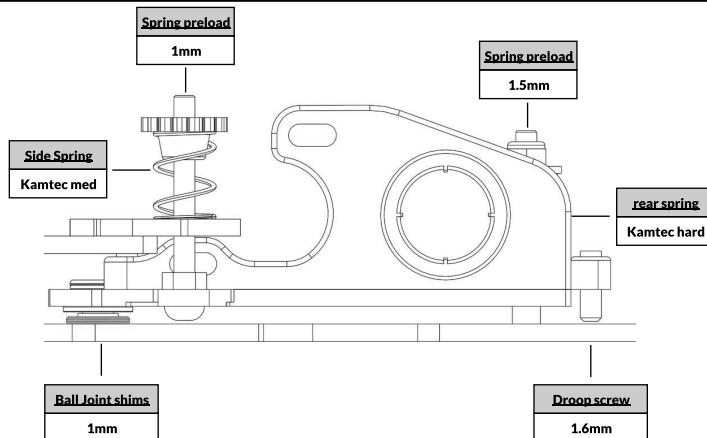


Notes

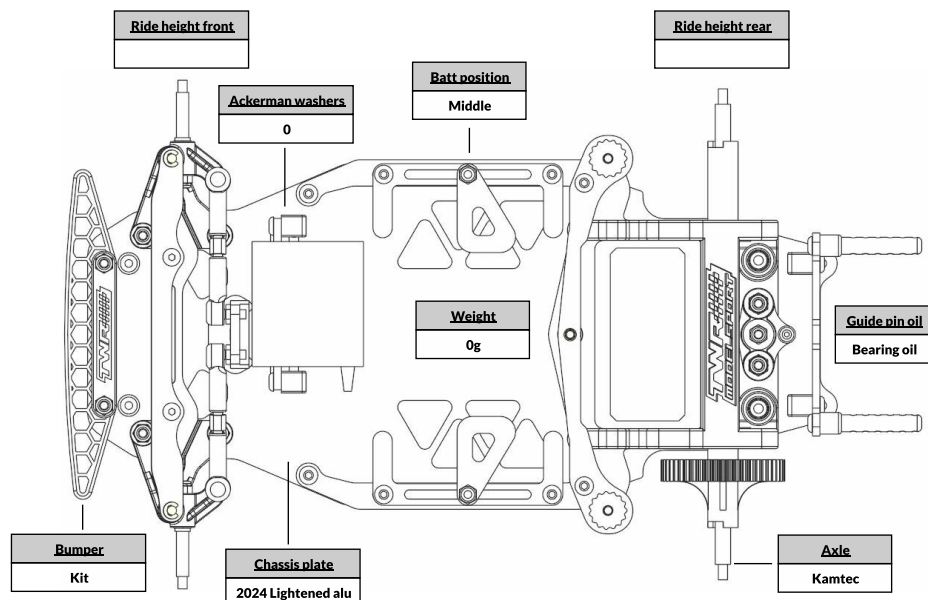
Front end



Rear end



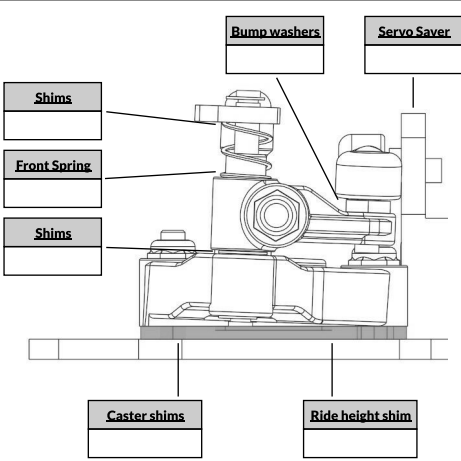
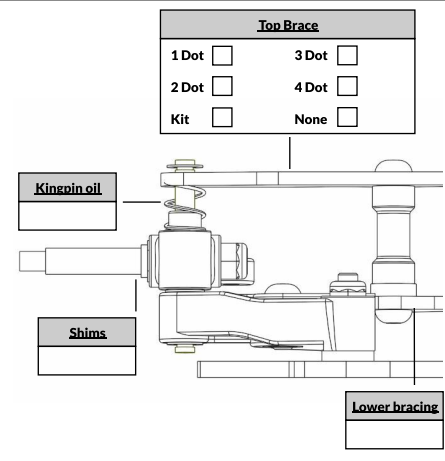
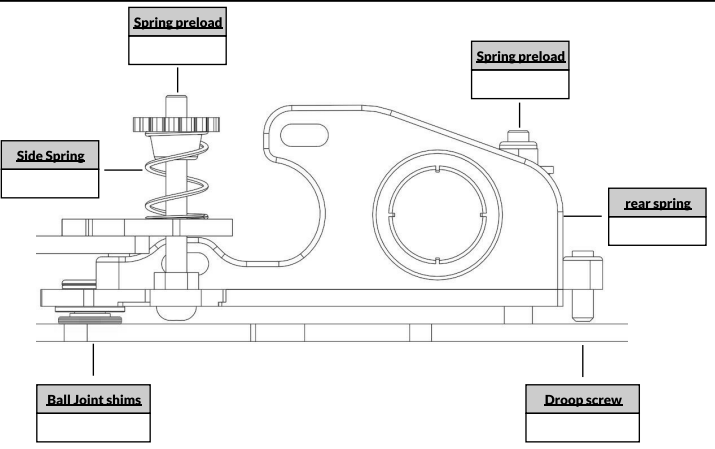
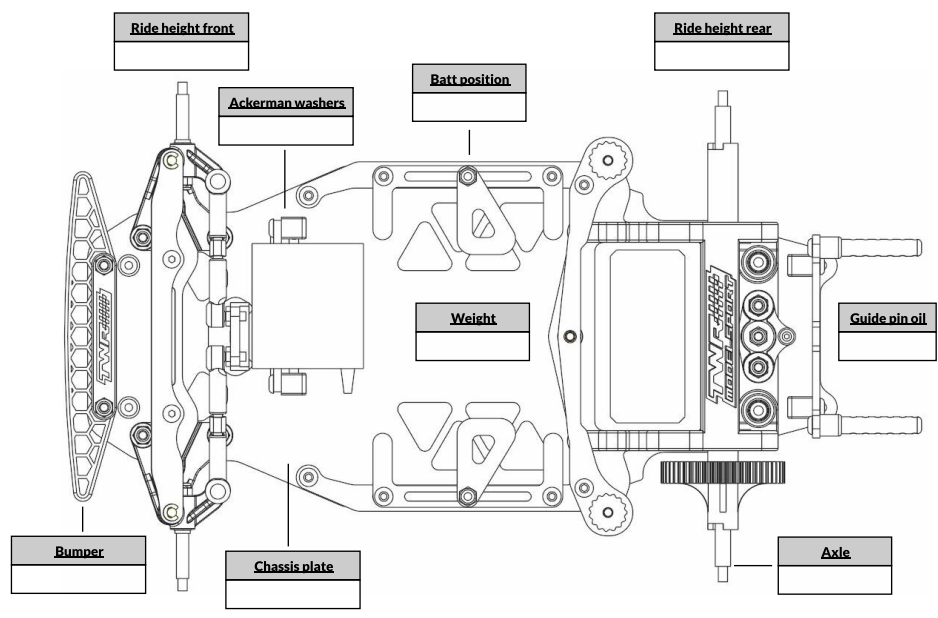
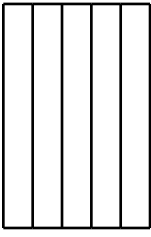
Chassis



DRIVER: _____
 CIRCUIT: _____
 DATE: _____

Traction: Low  High
 Layout: Tight  Open
 Surface: Smooth  Rough



Gearing		Front end	
Pinion: Spur: Roll out: Spur Carrier:			
Electronics		Rear end	
Motor: Esc: Battery:			
Bodyshell		Chassis	
Body: Wing:			
Front Tyres		Notes	
Compound: Rim: Diameter: Sidewall Glue: Additive:			
Rear Tyres			
Compound: Rim: Diameter: Sidewall Glue: Additive:	