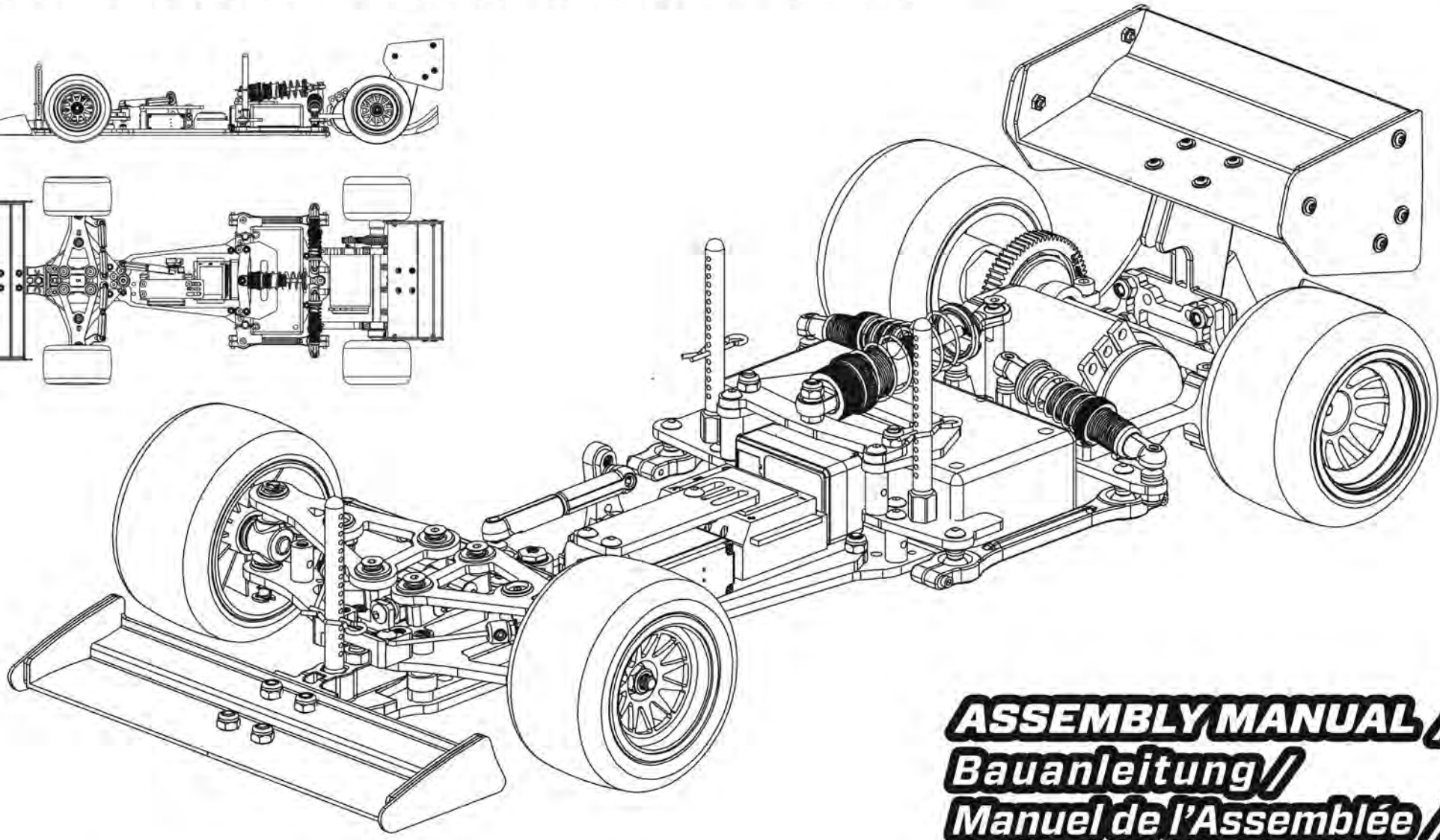
GRA1 PRO

RACING CHASSIS KIT

Carisma racing



ASSEMBLY MANUAL /
Bauanleitung /
Manuel de l'Assemblée /
取り扱い説明書 / 說明書

Picture Shown with 98T front and rear wing (Not Included)

CRF.1 PRO RACING CHASSIS KIT

Safety Precautions

THIS MODEL IS ONLY SUITABLE FOR PEOPLE 14 YEARS OLD AND UP.
THIS RADIO CONTROL MODEL IS NOT A TOY.
Beginner should seek advice from experienced person in order to assemble the model or parts correctly and to make best performance.
* Assemble this model or parts only in place out of children's reach, and take safe precautions before operating this model. User is fully responsible for the model assembly and safe operations.

Safety, Precautions, and Warnings

As the user of this product, you are solely responsible for operating it in a manner that does not endanger yourself and others or result in damage to the product or the property of others.
This model is controlled by a radio signal that is subject to interference from many sources outside your control. This interference can cause momentary loss of control so it is necessary to always keep a safe distance in all directions around your model, as this will help to avoid collisions or injury.

- Always operate your model in an open area away from cars, traffic, or people.
- Avoid operating your model on the street where injury or damage can occur.
- Never operate the model out into the street or populated areas for any reason.
- Never operate your model with low transmitter batteries.
- Carefully follow the directions and warnings for this product and any optional support equipments (chargers, rechargeable battery packs, etc.) that you use.
- Keep all chemicals, small parts and anything electrical out of the reach of children.
- Moisture causes damage to electronics. Avoid water exposure to all equipments not specifically designed and protected for this purpose.

Introduction

This is a sophisticated hobby product and not a toy. It must be operated with caution and common sense. User also requires some basic mechanical abilities.
Fail to operate this product in a safe and responsible manner could result in injury or do damage to the product or other properties. This product is not intended for use by children without direct adult supervision. The product manual contains instructions for safe operation and maintenance. It is essential to read and follow all the instructions and warnings in the manual prior to assembly, setup or use, in order to operate correctly and avoid damage or injury.

CE Compliance Information For The European Union

The associated regulatory agencies of the following countries recognize the noted certifications for this product as authorized for sale and use:

UK	DE	DK	BG	SE	CZ	ES	NL	SK	HU	RO	FR	PT
FI	EE	LV	LT	PL	AT	CY	SI	GR	MT	IT	IE	LU

Study the instructions thoroughly before assembly.

There are many small screws, nuts and similar parts. Please refer to the column on the left to know the exact size. To prevent trouble and finish the model with good performance, it is necessary to assemble each step exactly as shown.

Items Required for Completion

Transmitter: Steering wheel and throttle trigger are transformed into radio signals and sent to your car.

Receiver: Accepts signals from the transmitter and converts them into pulses to operate the model's servo and speed controller.

Recommendation: 15644 CARISMA CTX8000 2.4GZ RADIO SYSTEM W/2 X RECEIVER SET

Electronic Speed Controller: Accepts signals received from the receiver and controls the current going to the motor.

Recommendation:
15785 V70R Electronic Speed Control (ESC)

Steering Servo: Transforms signals received from the receiver into mechanical movements.

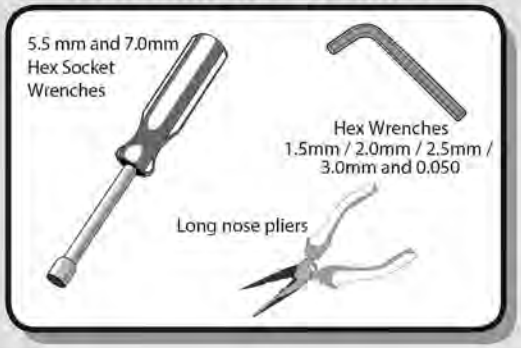
Recommendation: 15190 Servo MS-903WP

Battery pack and charger and 540 size BL motor

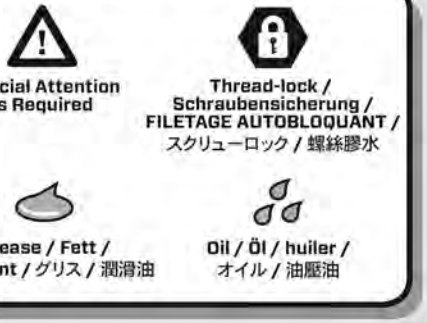
Recommendation: Shorty Pack LIPO battery

Carisma Online Shop: **www.carisma-shop.com**

Recommended Tools



Important

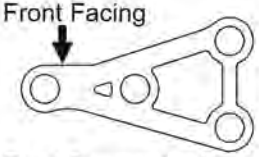


CF1P0101 x 6pcs
Suspension Pivot Ball Cup

Front Suspension Pivot Ball
TWSM00272 x 6pcs

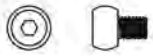
O-Ring OD: 7.4 X ID 5.8 X0.8mm
RBP-G00083 x 6pcs

Front Facing



Front Suspension Upper Arm
CBF-G00099 x 2pcs

MASM3059A x 2pcs

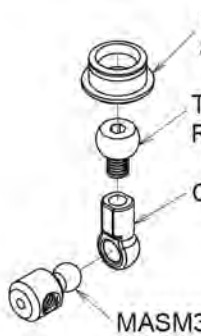


6mm Roll Bar Ball
TWSM00261 x 2pcs

CRF_4mm Roll Bar Ball Cup
CF1P0204 x 2pcs

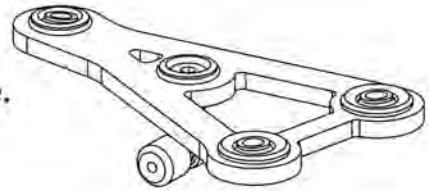
Press Onto Ball

x 6pcs

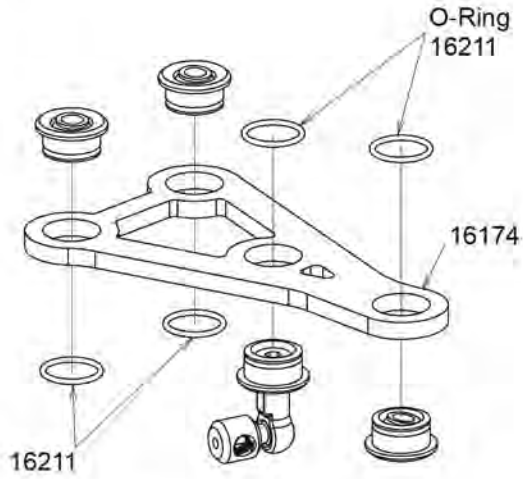


x 2pcs

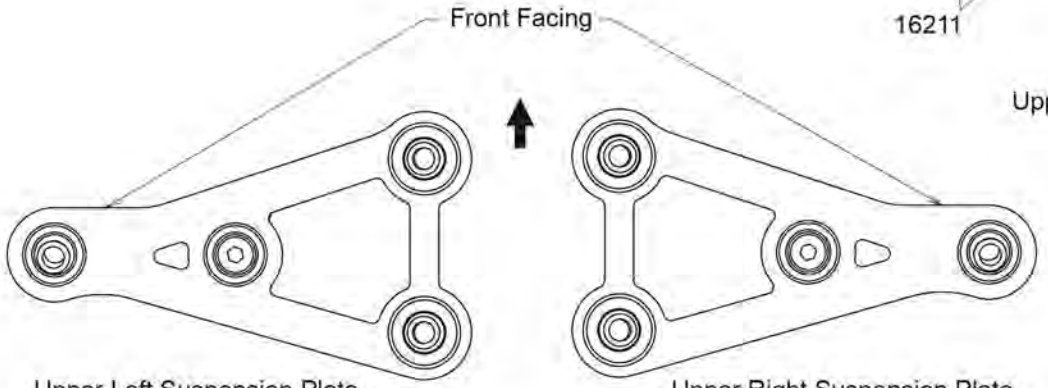
If the Pivot ball is tight after installation. Make the Carbon Hole slightly bigger until free.



Upper Right Suspension Plate



Upper Left Suspension Plate



Upper Left Suspension Plate

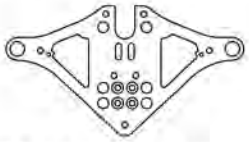
Upper Right Suspension Plate

A BAG A / BEUTEL A / SAC A / バッグ A / A袋

CF1P0101 x 2pcs
Suspension Pivot Ball Cup

Front Suspension Pivot Ball
TWSM00272 x 2pcs

O-RING OD: 7.4 X ID 5.8 X0.8mm
RBP-G00083 + 2pcs spare



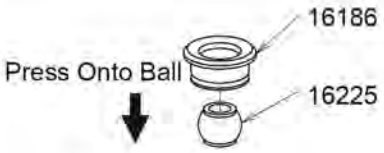
CBF-G00100 x 1pcs

Steering Stopper
MASM3089A x 2pcs

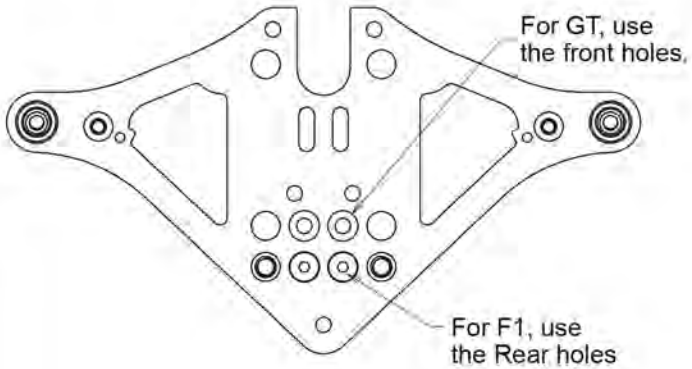
Front Ride Height Block
TWSM00266 x 1pcs

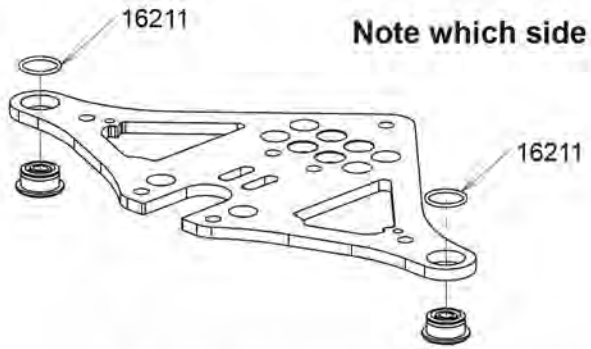
Flat Head Screw M3 x 6mm
TWSSW00009

SCREW 3X6 TM
SSW-G00552 x 2pcs



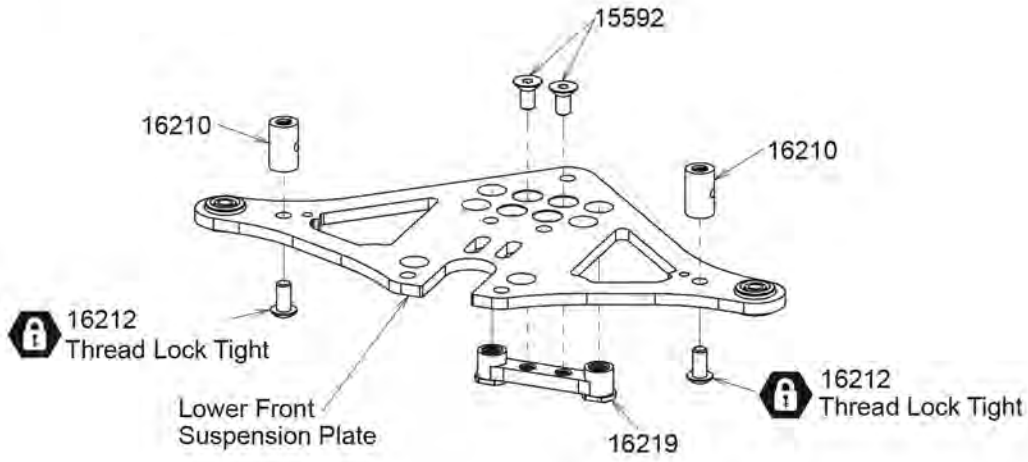
X 2pcs





Note which side up

If the Pivot Ball is tight after installation.
Make the carbon Hole slightly bigger until free.

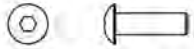


Ball Stud 4.8 x 6mm
TWSM00002 x 3pcs

Shim 3.1 x 6 x 0.5mm
TWSM00058 x 1pcs

Flat Head Screw M3 x 6mm
TWSSW00009 x 3pcs

M3 x 6mm Button head
SSW-G00552 x 2pcs



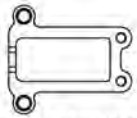
Button Head Screw M3 x 10mm
TWSSW00001 x 1pcs

Ball Bearing 5 x 8 x 2.5mm
MASMA146A x 2pcs 01

M3 Locknut
MASM1168A x 3pcs

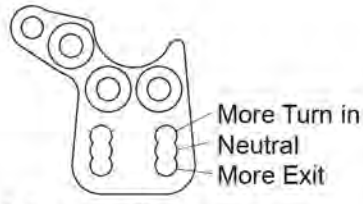
Steering Pivot Post
TWSM00267 x 1pcs

Ackermann Plate
CBF-G00113 x 1pcs

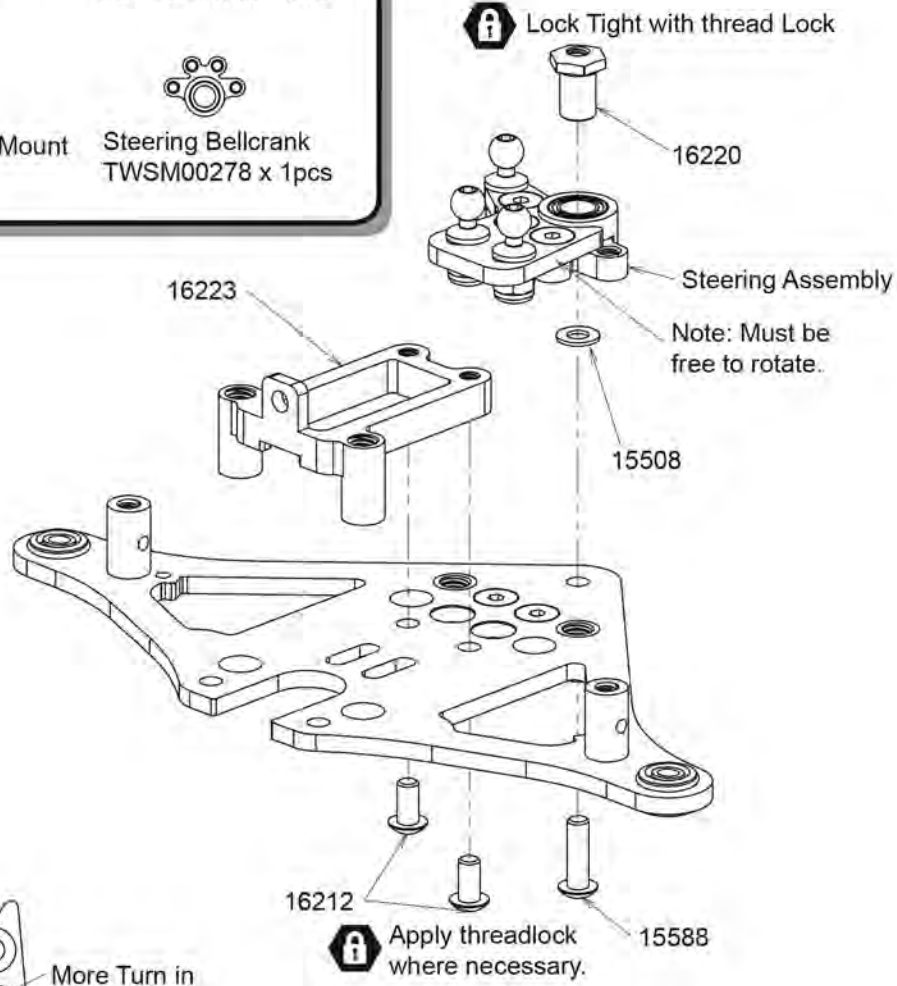


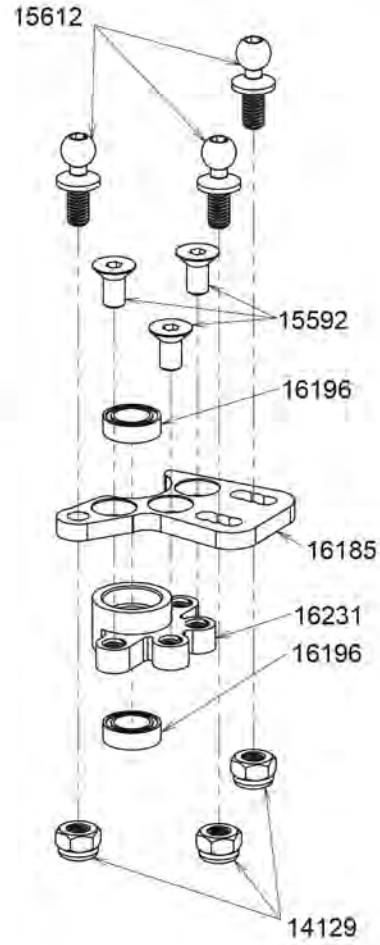
Front Caster Adjustor Mount
TWSM00270 x 1pcs

Steering Bellcrank
TWSM00278 x 1pcs

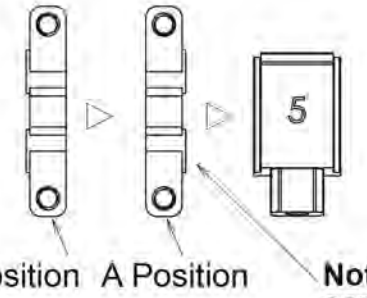


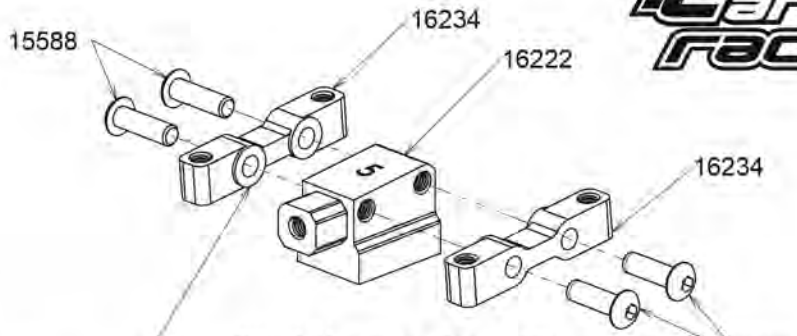
Ackermann Tuning Tips





B BAG B / BEUTEL B / SAC B / バッグ B / B袋





Start Up: use A position
Set up is -1.5 Degree Camber

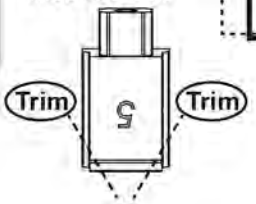
Note this detail
can add shims to adjust Camber

Castor Adjustment Table	
Spacer	Angle (deg)
0mm	0.500
0.5mm	2.000
1mm	3.500
1.5mm	5.000
2mm	6.500
2.5mm	8.000
3mm	9.500
3.5mm	11.000
4mm	12.500
4.5mm	14.000

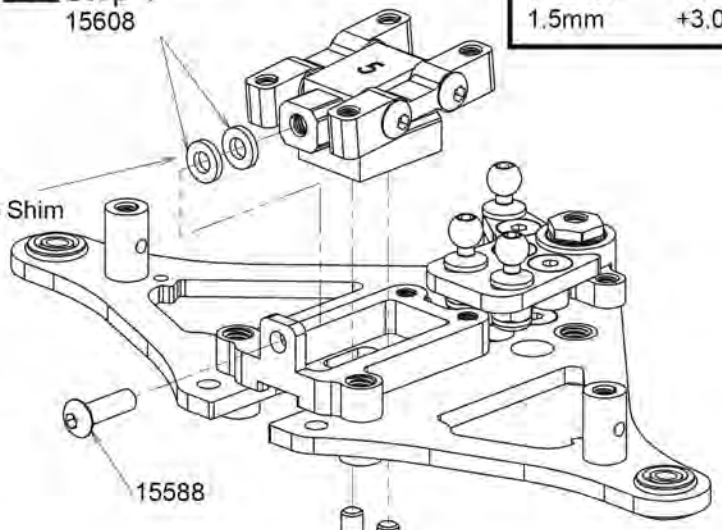
Camber Adjustment		
	[A] Position (deg)	[B] Position (deg)
0mm	-1.500(*)	-3.000
0.25mm	-0.750	-2.250
0.5mm	0.000	-1.500
0.75mm	+0.750	-0.750
1mm	+1.500	0.000
1.25mm	+2.250	+0.750
1.5mm	+3.000	+1.500

(*) = default

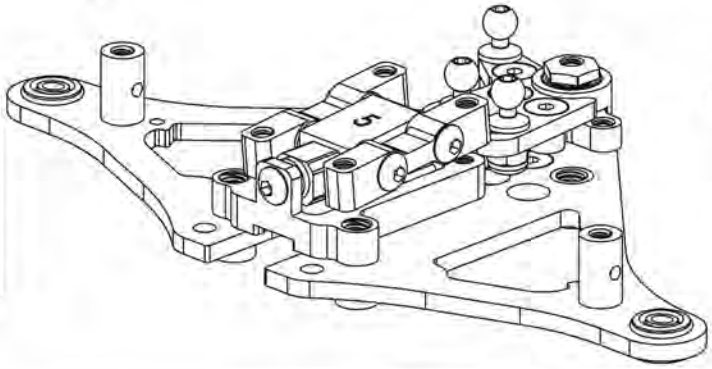
Need to modify the Caster Mount Block



Important!!
Step 1
15608



Important!!
Step 2



Set Up Tips:

Less Castor = More Turn In
More Castor = Less Turn In
More Camber = More Steering (within Limits)
Less Camber = Less Steering (within Limits)

C BAG C / BEUTEL C / SAC C / バッグ C / C袋

M3 SCREW NUT
MASM727A x 2pcs

3 x 5 x 4mm Washer
TWSM00258 x 2pcs

TWSM00005 x 2pcs

SSW-G00552 x 2pcs

Ball Stud, 4.8 x6mm
TWSM00002 x 2pcs

Flat Head Screw M3 x 10 mm
TWSSW00007 x 4pcs

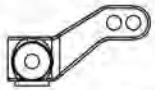
Steering KingPin
TWSM00271 x 2pcs

Front Wheel Axle
TWSM00274 x 2pcs

1.2mm Roll Bar
MASM3051A x 1pcs

E-Clips
MASM053A x 4pcs

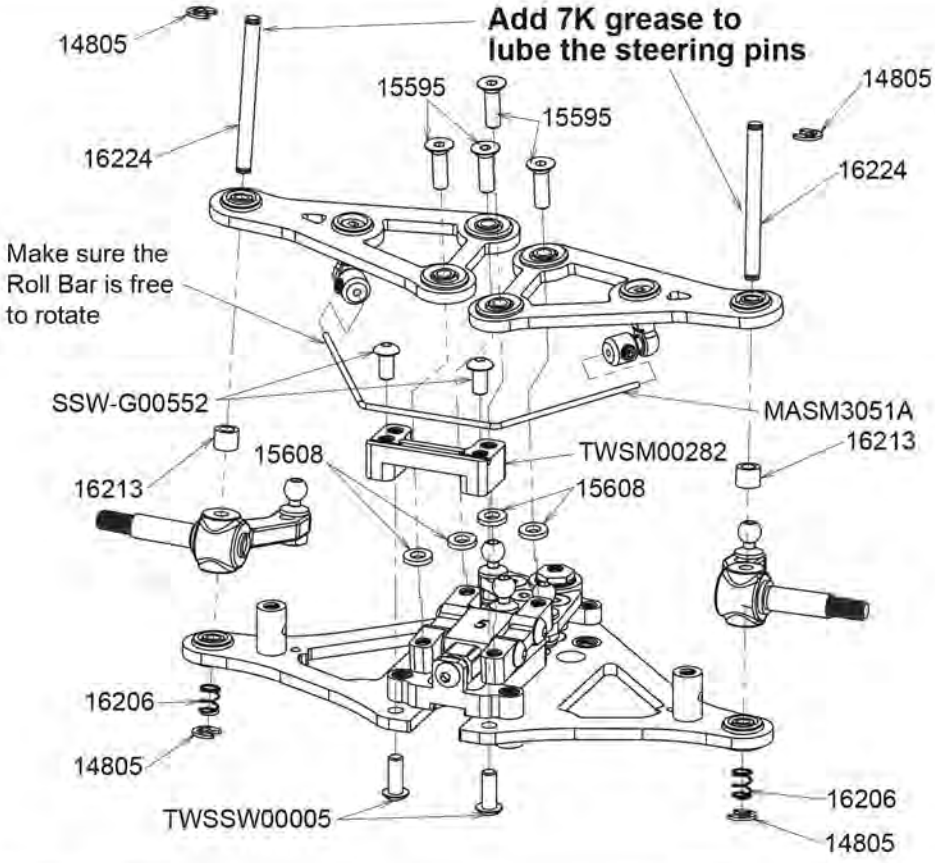
Spring
MASM3071A

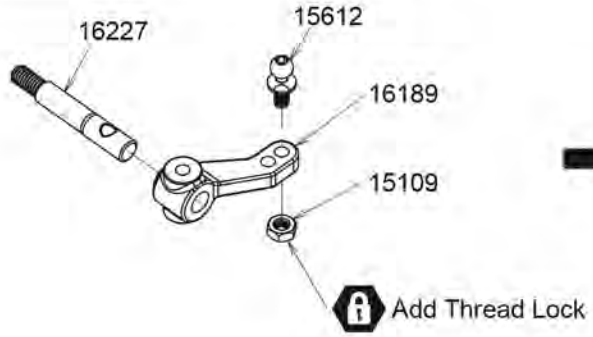


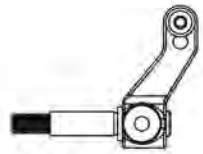
CRF_Steering Knuckle
CF1P0202 x 2pcs

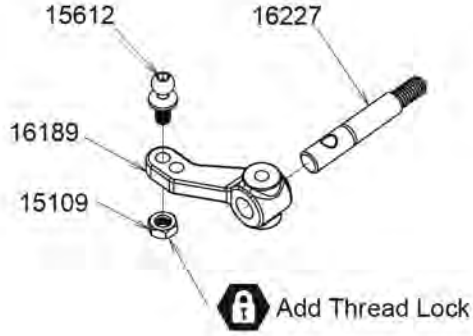
Shim 3.1 x 6 x 1mm
TWSM00059 x 4pcs

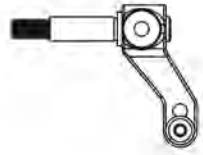
Roll Bar Bracket
TWSM00282 x 1pcs





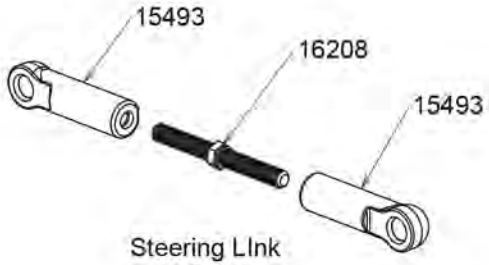




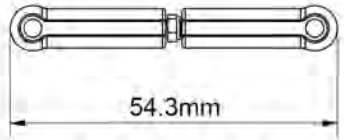


Ball End 4.8mm
GTB4P0501 x 4pcs

M3 x 30L TURNBUCKLE Thread Rod
MASM3074A x 2pcs

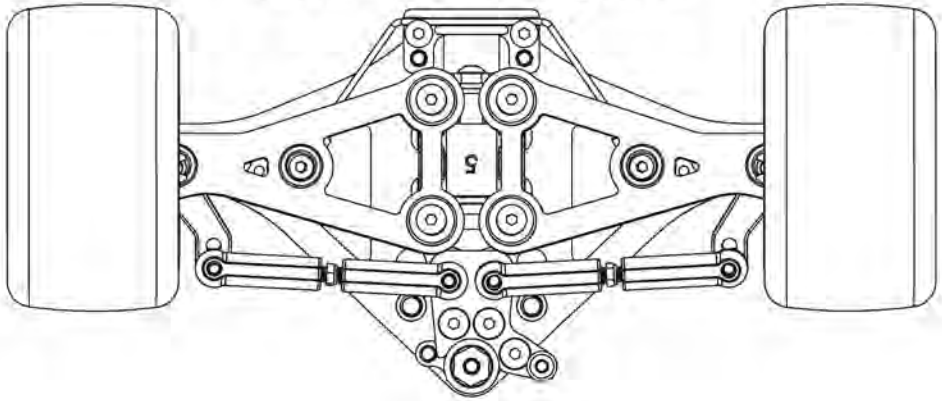


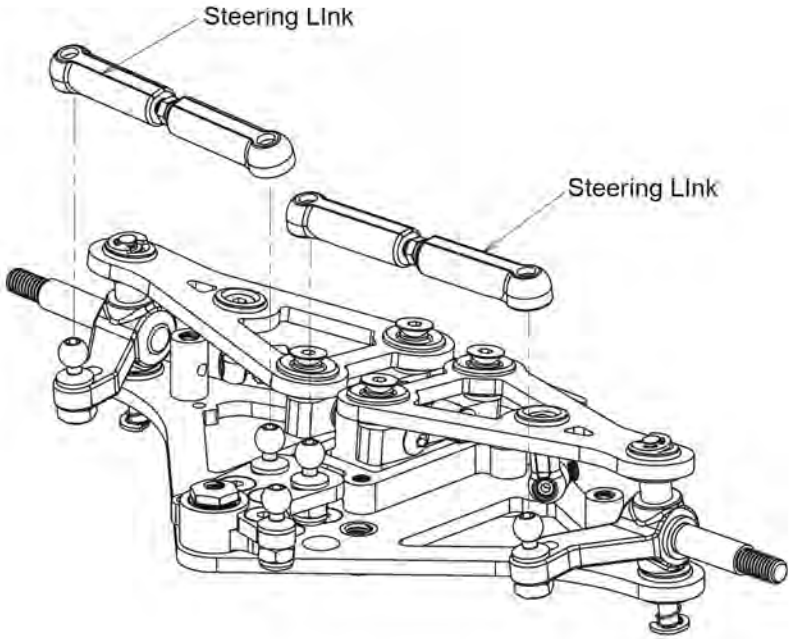
Steering LInk
x 2pcs



⚠ **Note Installation Direction**

Toe In = Front Wheels facing Inward
Toe Out = Front Wheels facing Outward





Locknut_M4_Black Zinc
MASM1011A x 1pcs

M3x3 SCREW SET
MASM038A x 1pcs

Rear Wheel Hub Pin
TWSM00291 x 1pcs

Diff Washer
TWSM00287 x 2pcs

Diff Balls 3.175
TWSM00295 x 12pcs

Diff Bearing 25 x 375 x 125
MASM3063A x 3pcs

Cone Washer
TWSM00290 x 4pcs

Hrust Bearing
MASM3064A x 1pcs

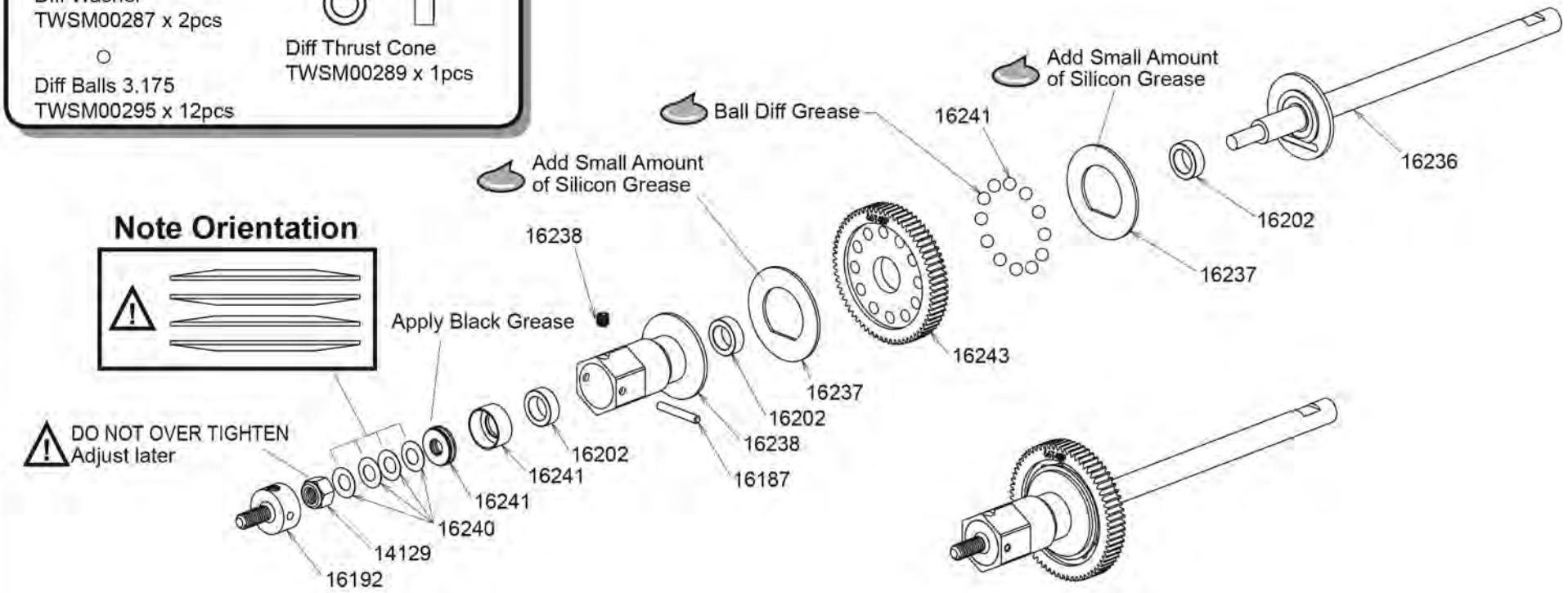
Diff Thrust Cone
TWSM00289 x 1pcs

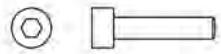
Rear Wheel Hub Cap
TWSM00293 x 1pcs

Rear Wheel Hub Righ
TWSM00288 x 1pcs

Ball Diff Axle
TWSM00286 x 1pcs

Spur Gear 66T48P
TWSM00294 x 1pcs



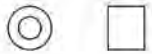


3 x 14cm
SSW-G00825 x 4pcs

Shim 3.1 x 6 x 1mm
TWSM00059 x 4pcs

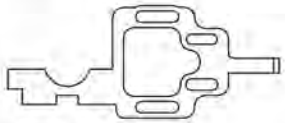
Bearing 6.35 x 9.525 x 3.175
MASM3068A x 2pcs

Shim 3.1 x 6 x 0.5mm
TWSM00058 x 4pcs



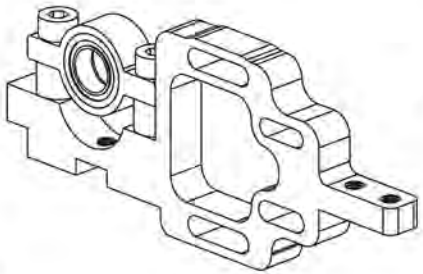
3 x 6 x 5mm Washer
TWSM00259 x 4pcs

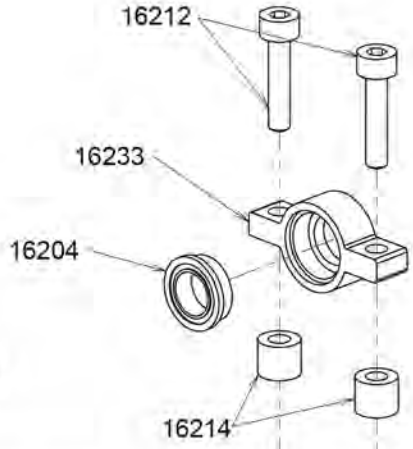
Rear Axle Bearing Holder
TWSM00280 x 2pcs



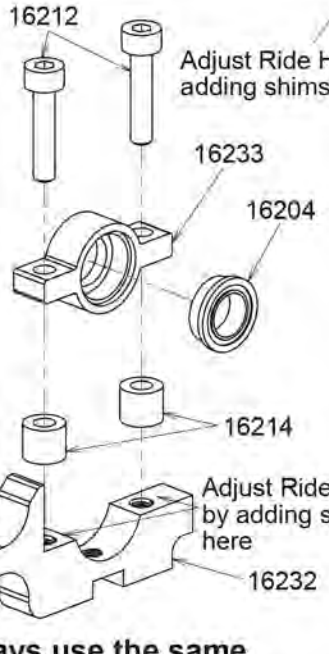
Motor Mount Plate
TWSM00265 x 1pcs

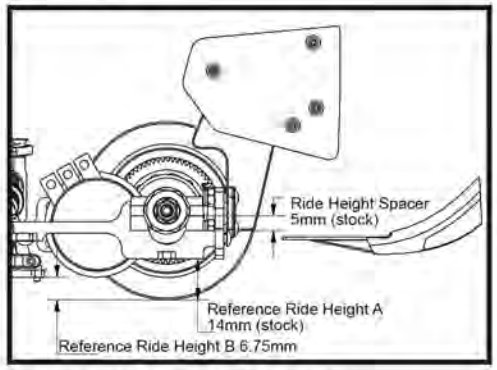
Motor Mount L
TWSM00279 x 1pcs



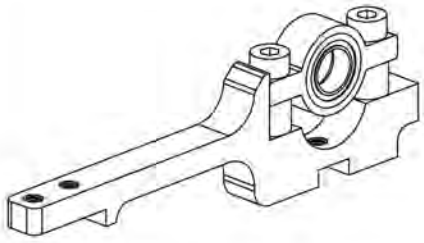


Spacer (mm)	Reference Ride Height A (mm)	Reference Ride Height B (mm)
4	15	7.75
4.5	14.5	7.25
5 (Stock)	14 (Stock)	6.75
5.5	13.5	6.25
6	13	5.75
6.5	12.5	5.25
7	12	4.75
7.5	11.5	4.25
8	11	3.75





To Measure Rear Ride Height
1st: remove the rear diffuser
2nd: Measure from the flat spot on the motor brackets to the ground surface



Always use the same size shim on each side.

Shim 3.1 x 6 x 1mm
TWSM00059 x 4pcs

Ball Stud 4.8 x 8mm
TWSM00003 x 2pcs

M3 Locknut
MASM1168A x 2pcs

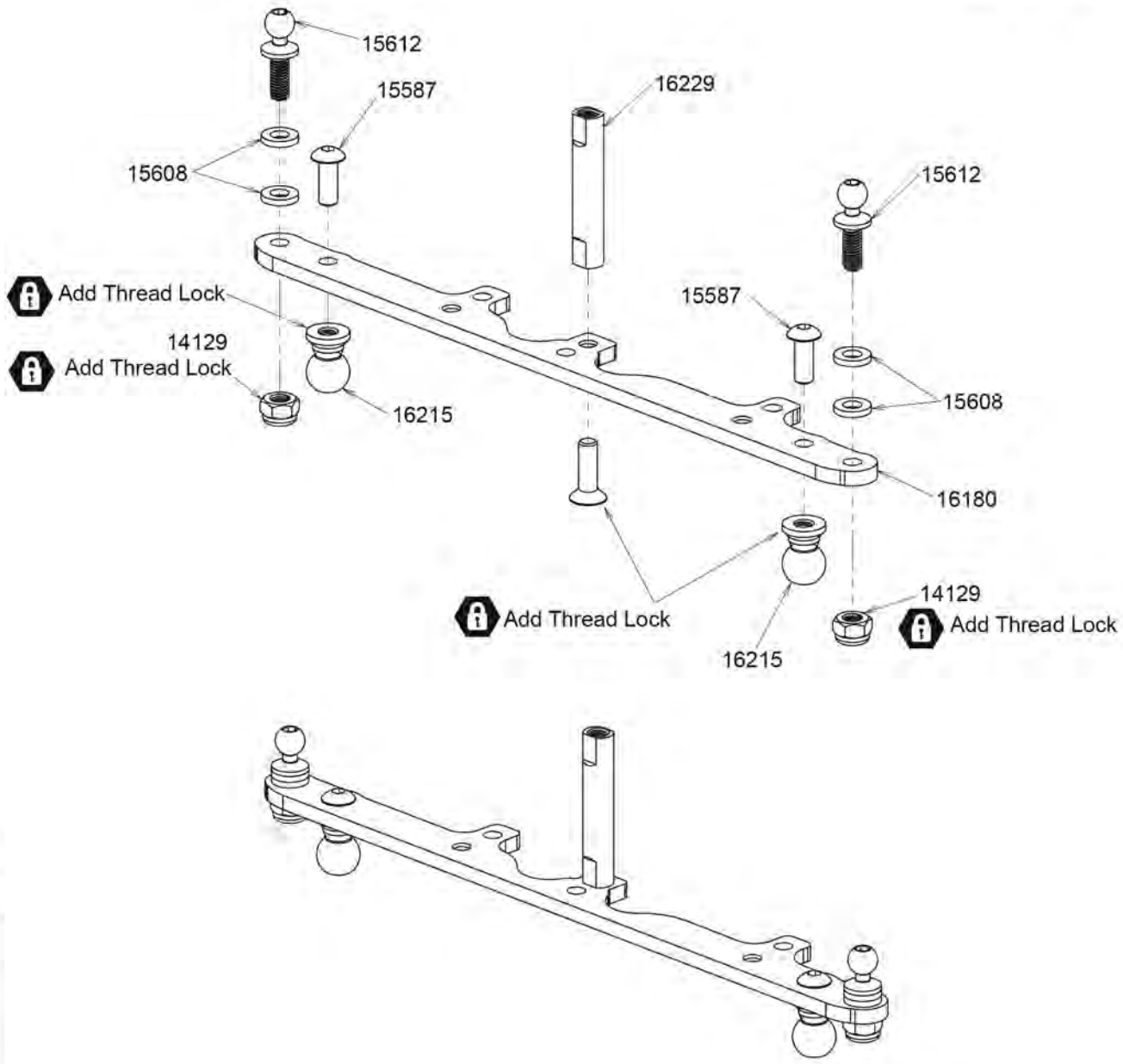
Flat Head Screw M3 x 10 mm
TWSSW00007 x 1pcs

支手軸
TWSM00276 x 1pcs

7mm Side Link Pivot Ball
TWSM00262 x 2pcs

Button Head Screw M3 x 8mm
TWSSW00005 x 2pcs

Rear Pod Lower Plate
CBF-G00106 x 1pcs



M4 x 4 Set Screw
MASM1207A x 1pcs

Flat Head Screw M3 x 6mm
TWSSW00009 x 2pcs

Button Head Screw M3 x 10mm
TWSSW00001 x 4pcs

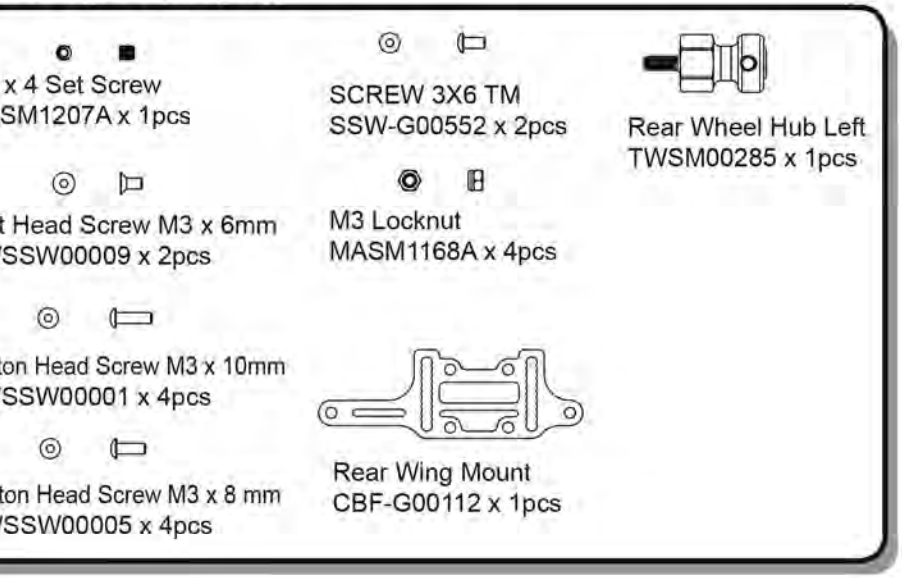
Button Head Screw M3 x 8 mm
TWSSW00005 x 4pcs

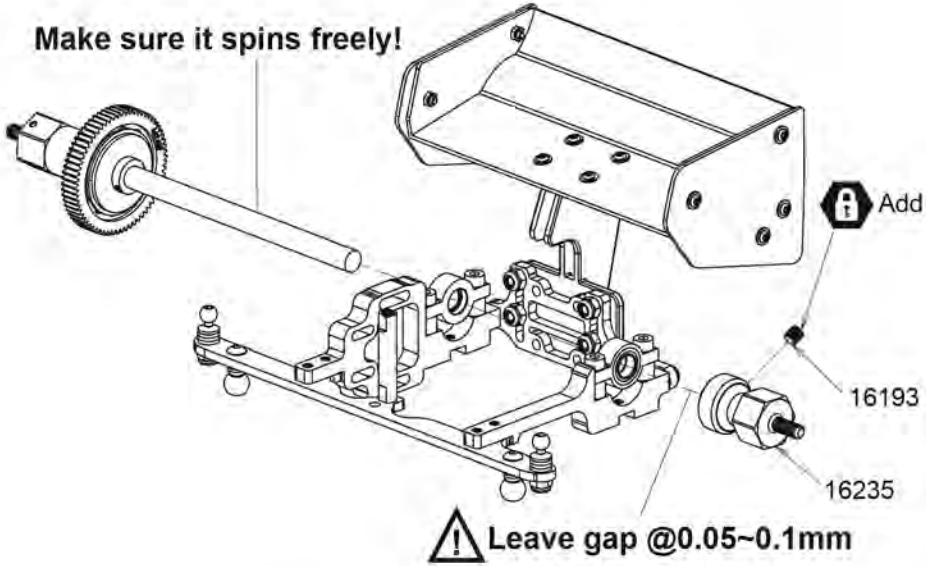
SCREW 3X6 TM
SSW-G00552 x 2pcs

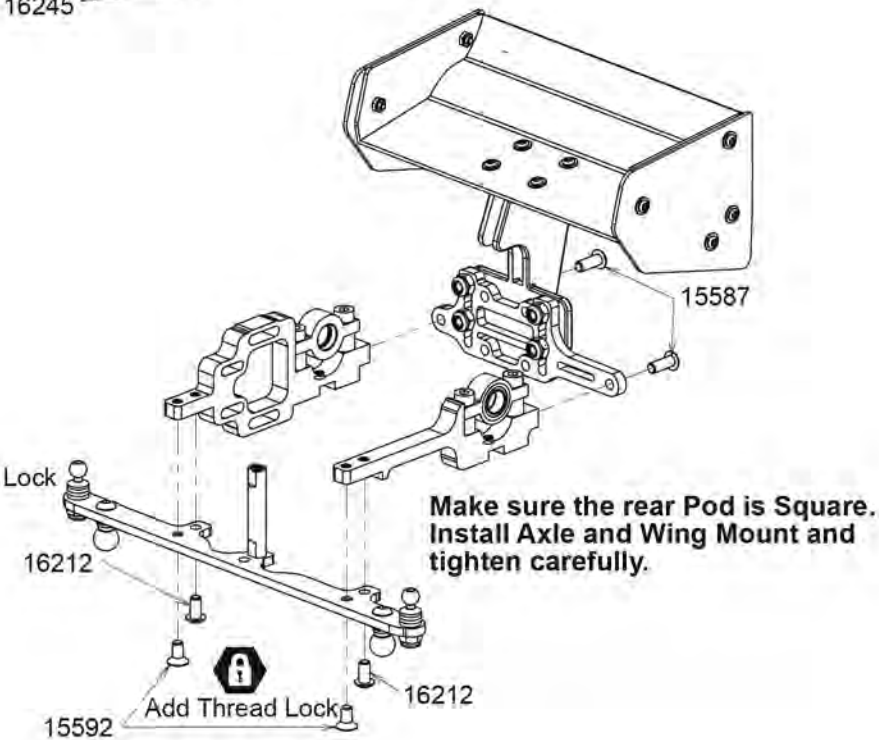
M3 Locknut
MASM1168A x 4pcs

Rear Wing Mount
CBF-G00112 x 1pcs

Rear Wheel Hub Left
TWSM00285 x 1pcs

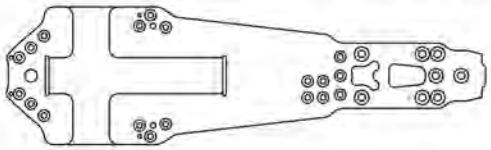






M3 Locknut
MASM1168A x 9pcs

Flat Head Screw M3 x 10 mm
TWSSW00007 x 7pcs

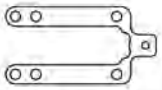


Main Chassis
CBF-G00102-L x 1pcs

Flat Head Screw M3 x 6mm
TWSSW00009 x 2pcs

SCREW 2X6KM
SSW-G00470 x 2pcs

Chassis Side Brace
CBF-G00103 x 2pcs

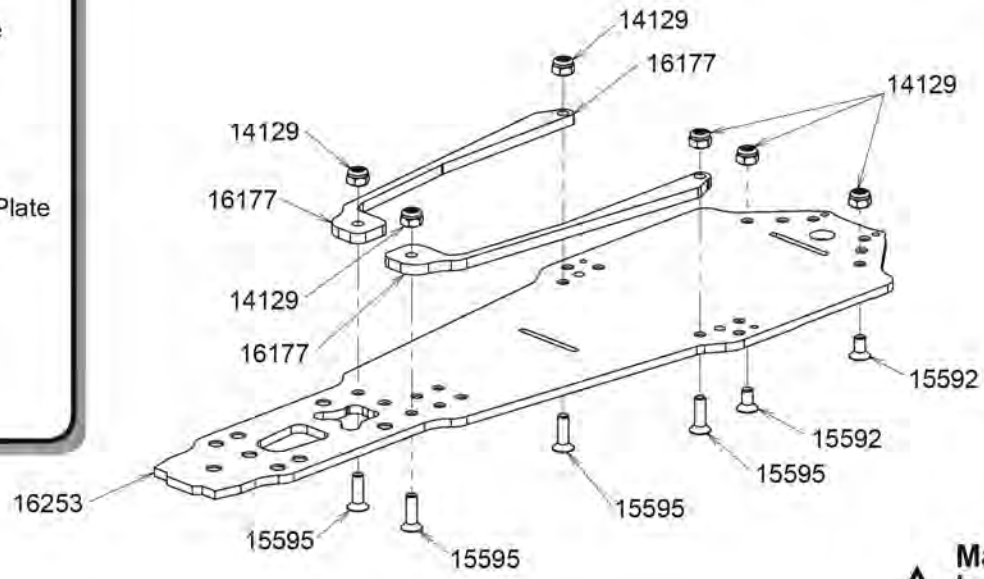


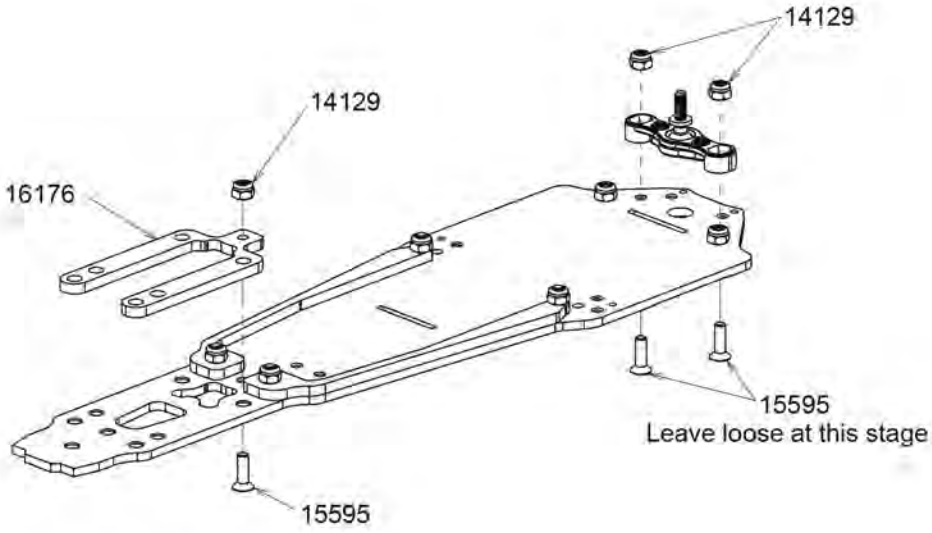
Chassis Brace Front
CBF-G00101 x 1pcs

7mm Rear Pod Pivot Ball
TWSM00263 x 1pcs

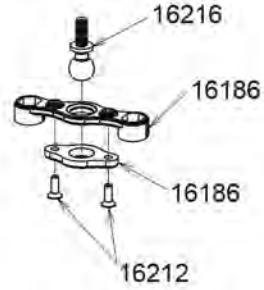
CRF_Center Pivot Plate
CF1P0102 x 1pcs

CRF_Center Pivot Top Plate
CF1P0103 x 1pcs





Make sure the Pivot Ball has Free Movement
Do NOT over tighten the two assembly screws



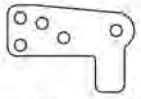
SCREW 3X6 TM
SSW-G00552

Button Head Screw M3 x 8mm
TWSSW00005 x 4pcs

Flat Head Screw M3 x 8mm
TWSSW00010 x 4pcs

Button Head Screw M3 x 10 mm
TWSSW00001 x 2pcs

10mm Shock Mounting Post
MASM3089A x 4pcs



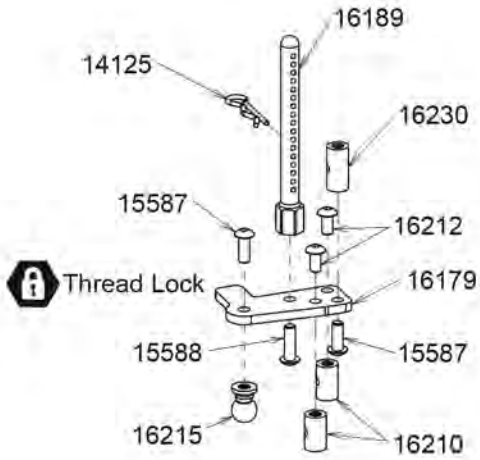
Battery Bracklet
CBF-G00105 x 2pcs

7mm Side Link Pivot Ball
TWSM00262 x 2pcs

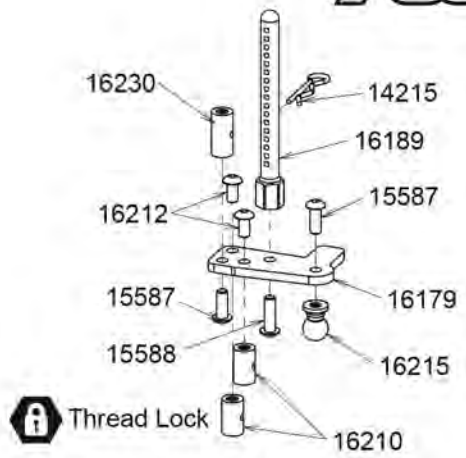
F1 Shock Mounting Post
TWSM00277 x 2pcs

Body Clip
MASM032A x 2pcs

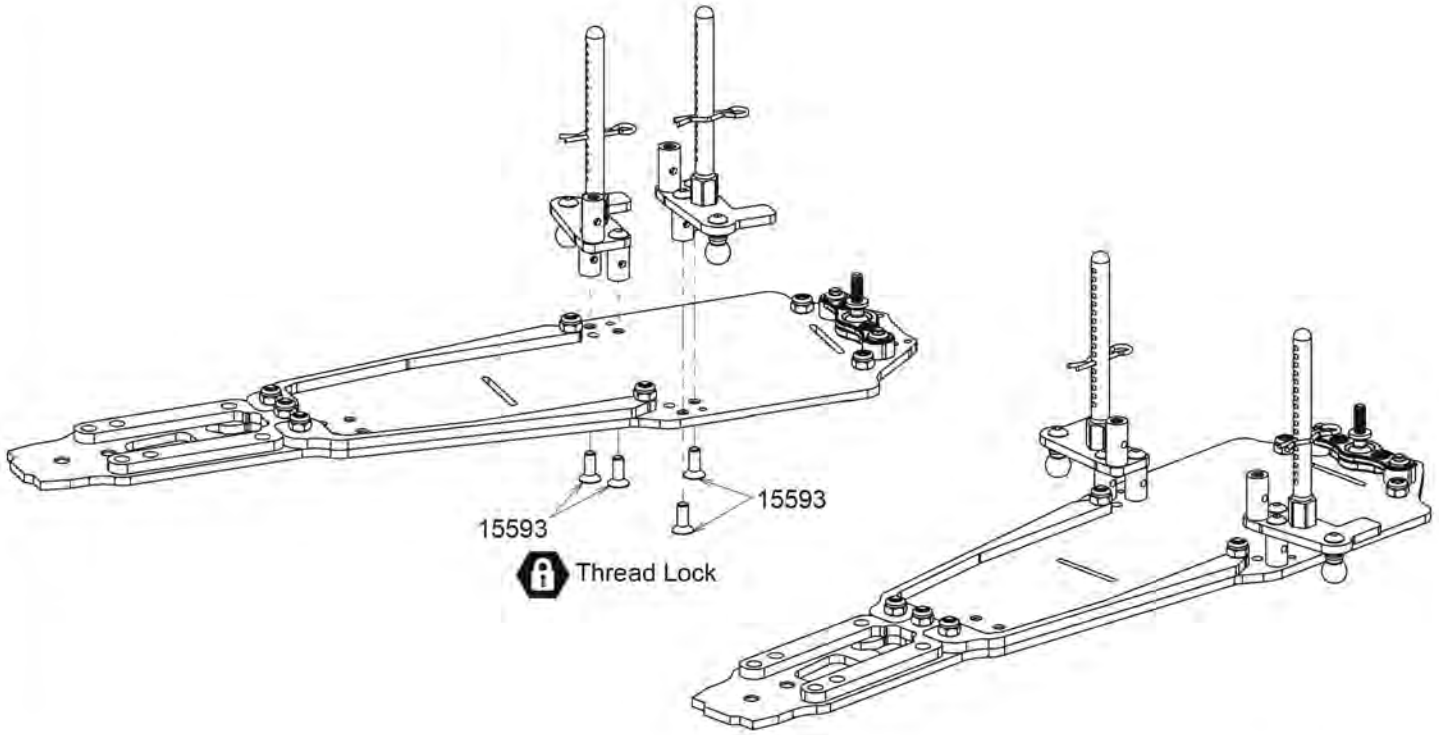
CRF_Body ost
CF1P0201 x 2pcs



RIGHT



LEFT



F BAG F / BEUTEL F / SAC F / バッグ F / F袋

Body Clip
MASM032A x 1pcs

Flat Head Screw M3 x 10mm
TWSSW00007 x 1pcs

M4 Locknut
MASM3069A x 2pcs

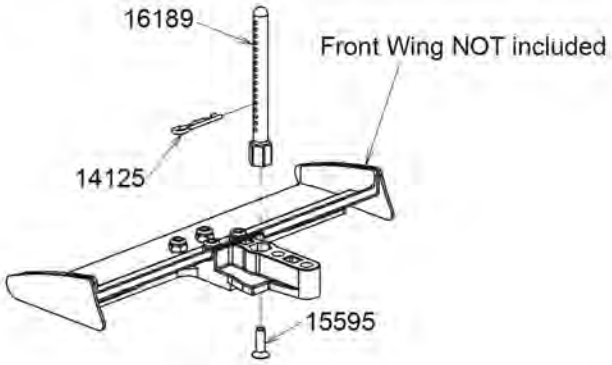
Flat Head Screw 4 x 18KM
SSW-G00823 x 2pcs

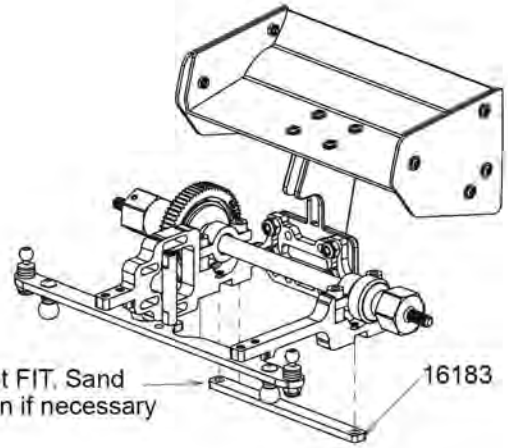
Button Head Screw 3 x 5TM
SSW-G00821 x 6pcs

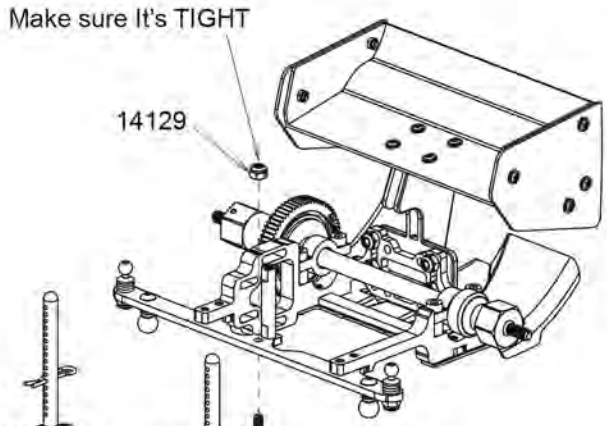
Body Post
CF1P0201 x 1pcs

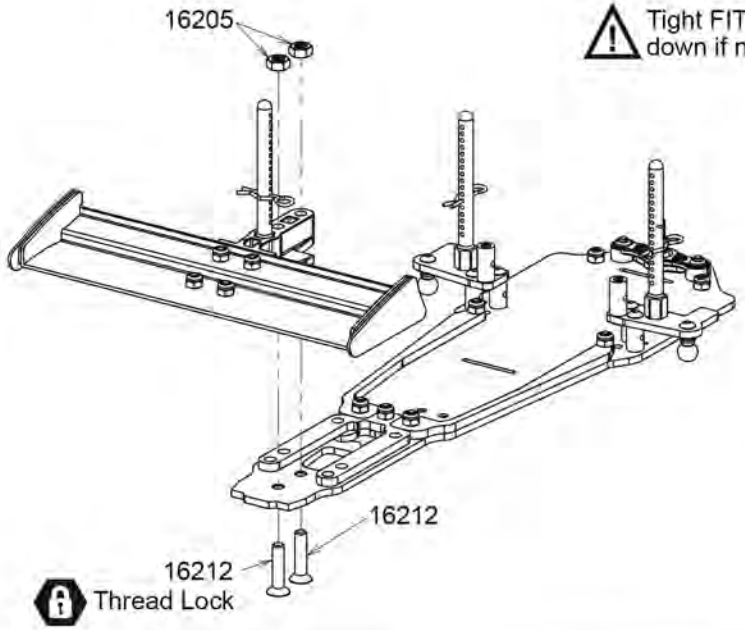
M3 Locknut
MASM1168A x 1pcs

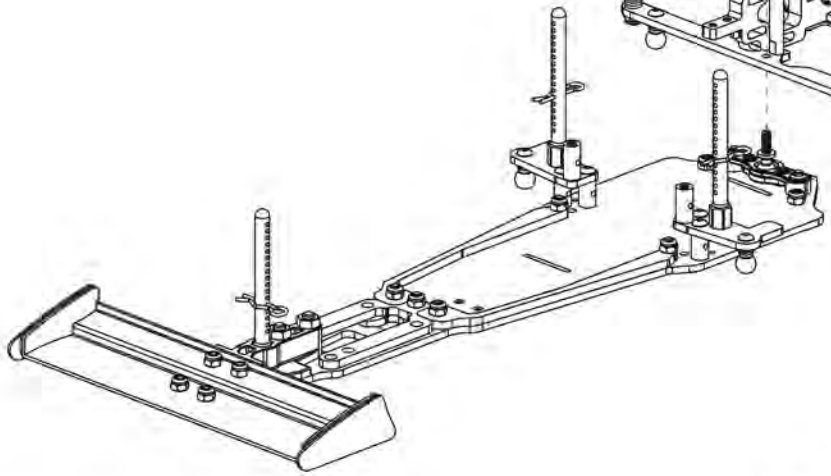
Rear Lower Motor Mount Plate
CBF-G00111 x 1pcs









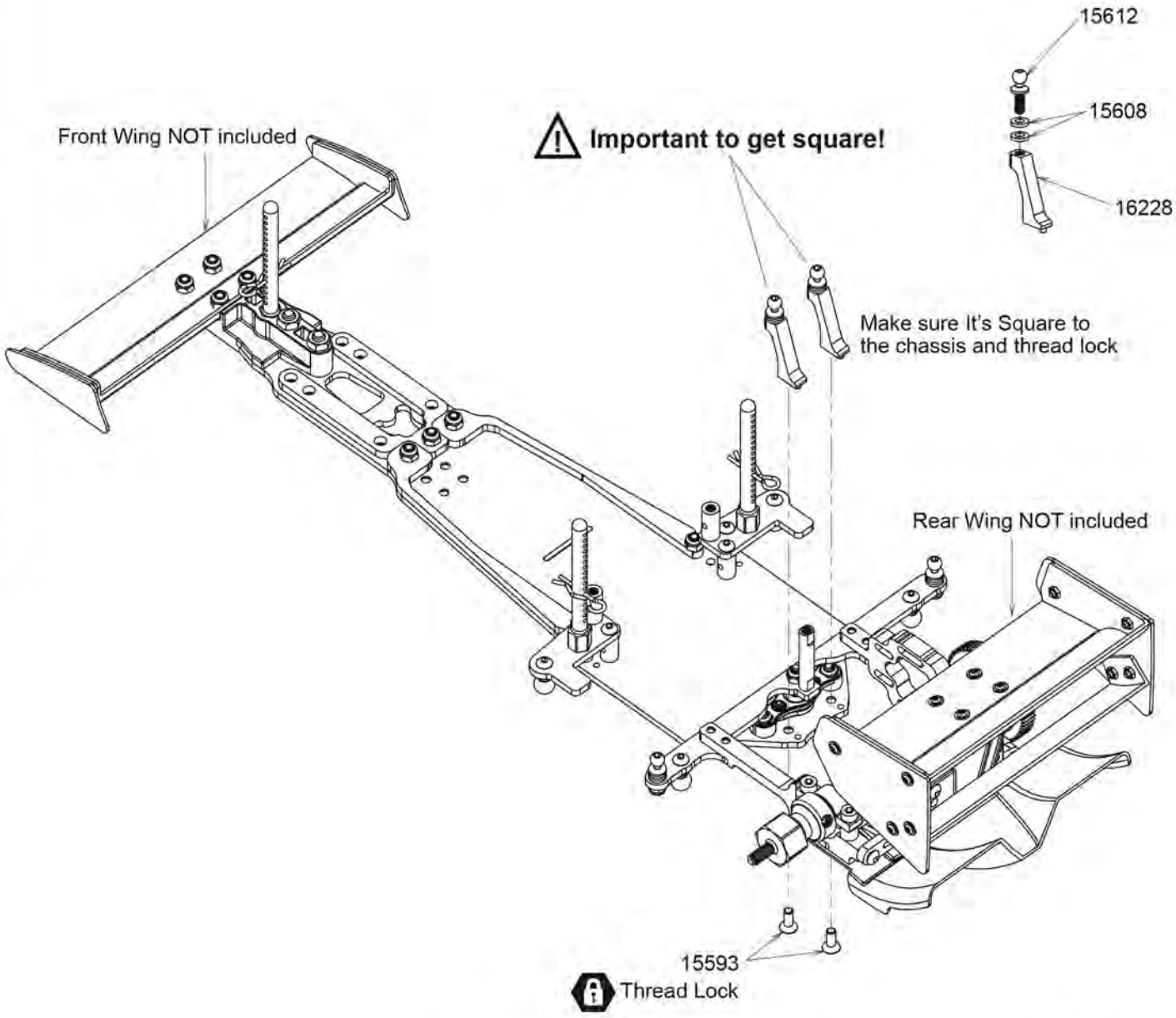


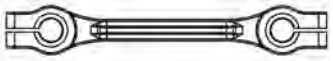
Ball Stud 4.8 x 8mm
TWSM00003 x 2pcs

Rear Side Damper Mount
TWSM00275 x 2pcs

Flat Head Screw M3 x 8mm
TWSSW00010 x 2pcs

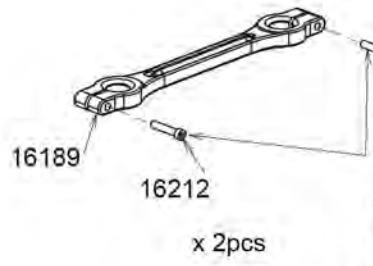
Shim 3.1 x 6 x 1mm
TWSM00059 x 4pcs





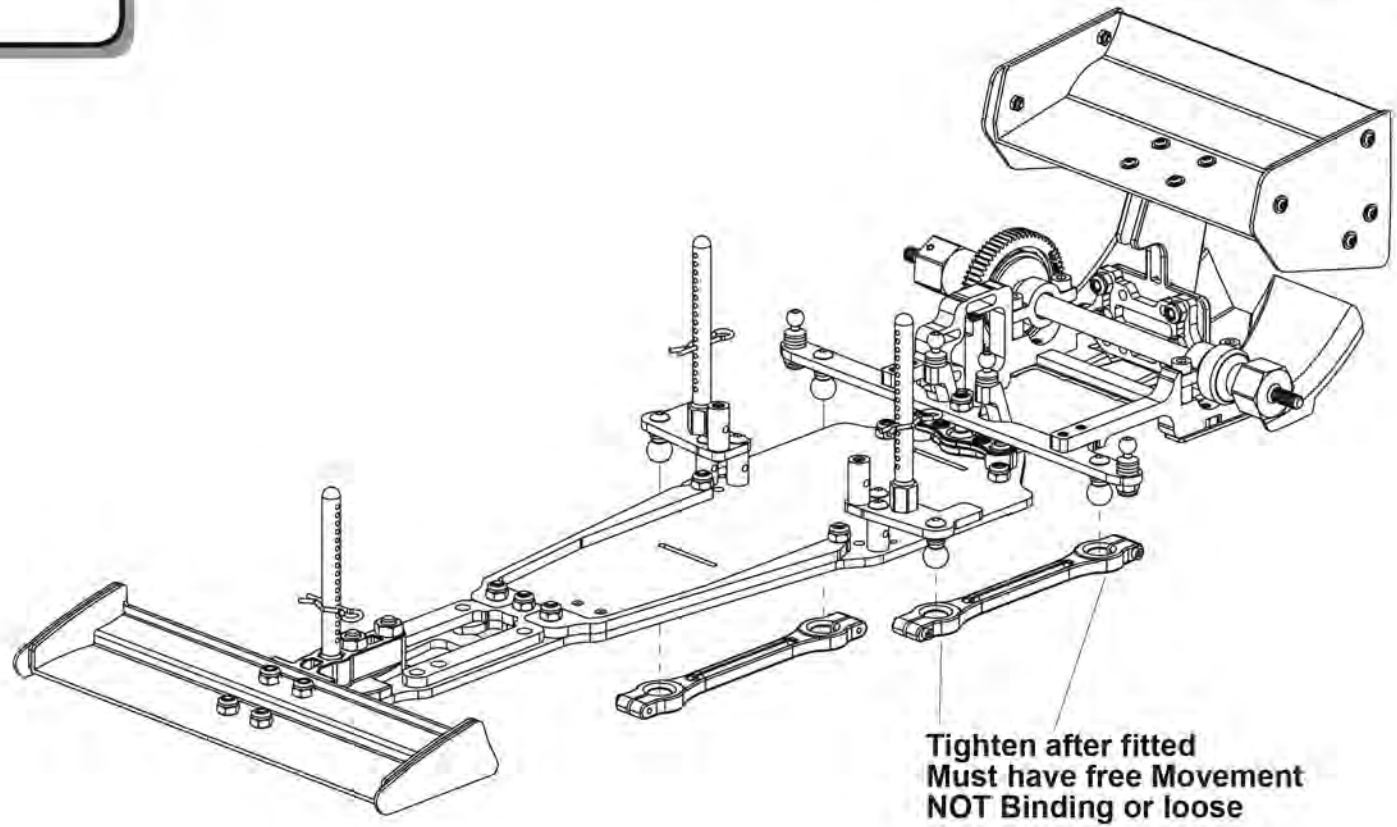
CRF_7mm Side Link
CF1P0203 x 2pcs

2 x 10CM
SSW-G00658



Leave Loose.
DO NOT OVER TIGHTEN

Tighten after fitted
Must have free Movement
NOT Binding or loose



Tighten after fitted
Must have free Movement
NOT Binding or loose

Shock O-Ring (Top Cap)
RBP-G00015 x 2pcs

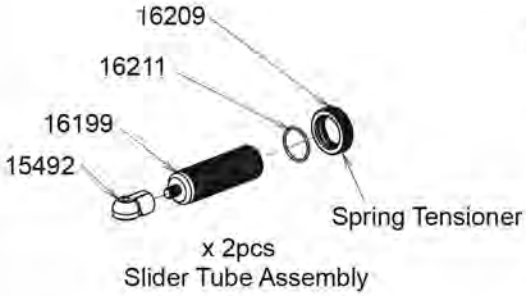
Ball End Sway Bar
GTB4P0503 x 4pcs

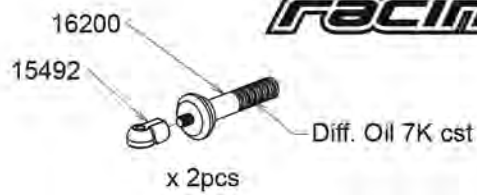
Rear Shock Body
MASM3060A x 2pcs

Rear Shock Shaft
MASM3061A x 2pcs

Spring Tensioner
MASM3075A x 2pcs

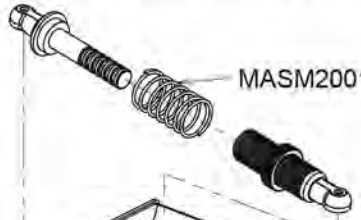
FRONT OIL SHOCK SPRING
MASM2001A x 2pcs



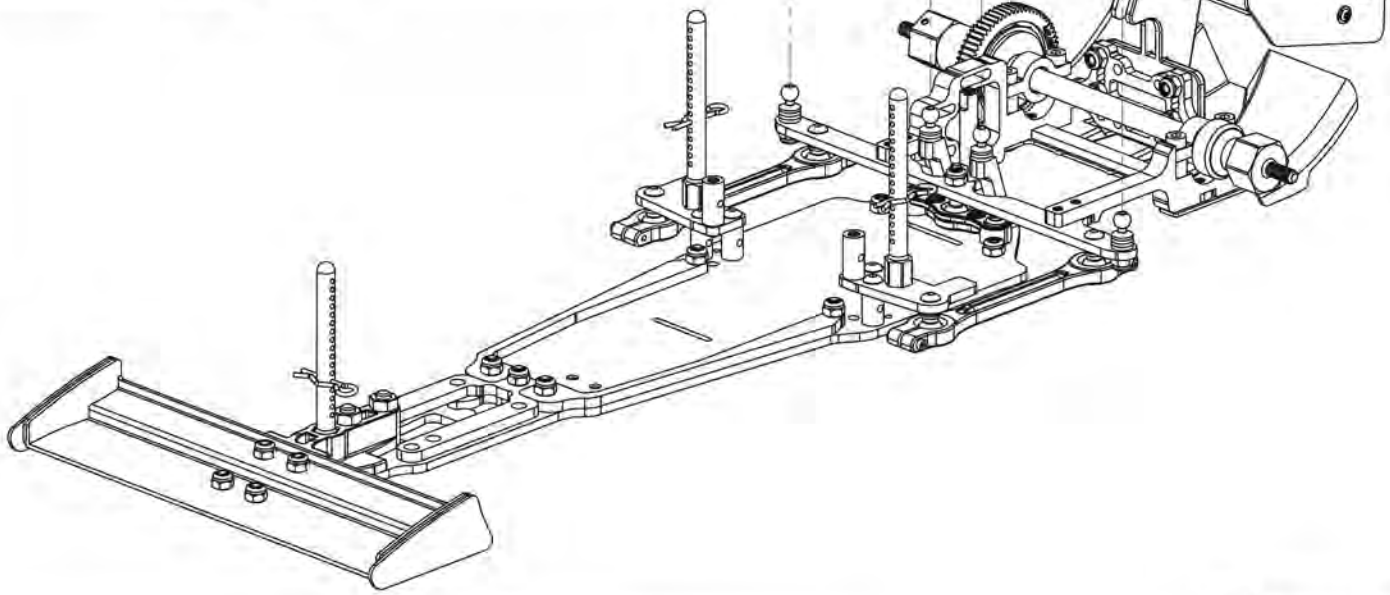


Add 7K CST Diff Grease to the slider shaft

Lighter Grease will have faster reaction left to right.
Heavier Grease will have a slower reaction left to right.



Adjust the preload spring tensioner on both side to make sure the chassis is flat and square (Tweak).
If the chassis is not flat/square. It will not have the maximum performance.
Also the cornering ability will be different left to right.
Please note: We do NOT want to preload the springs too much.
Small increment is only needed.



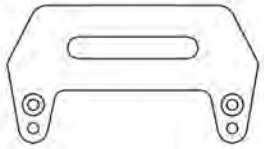
M3 Locknut
MASM1168A x 2pcs

Flat Head Screw M3 x 10 mm
TWSSW00007 x 2pcs

M3 Nut (Black Oxide)
MASM727A x 1pcs

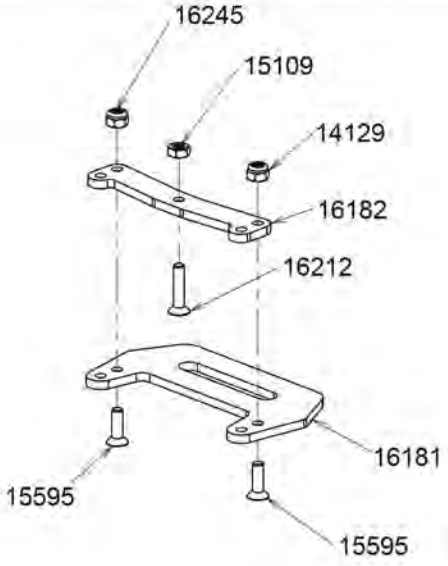
Flat Head Screw 3 x 14KM
SSW-G00822 x 1pcs

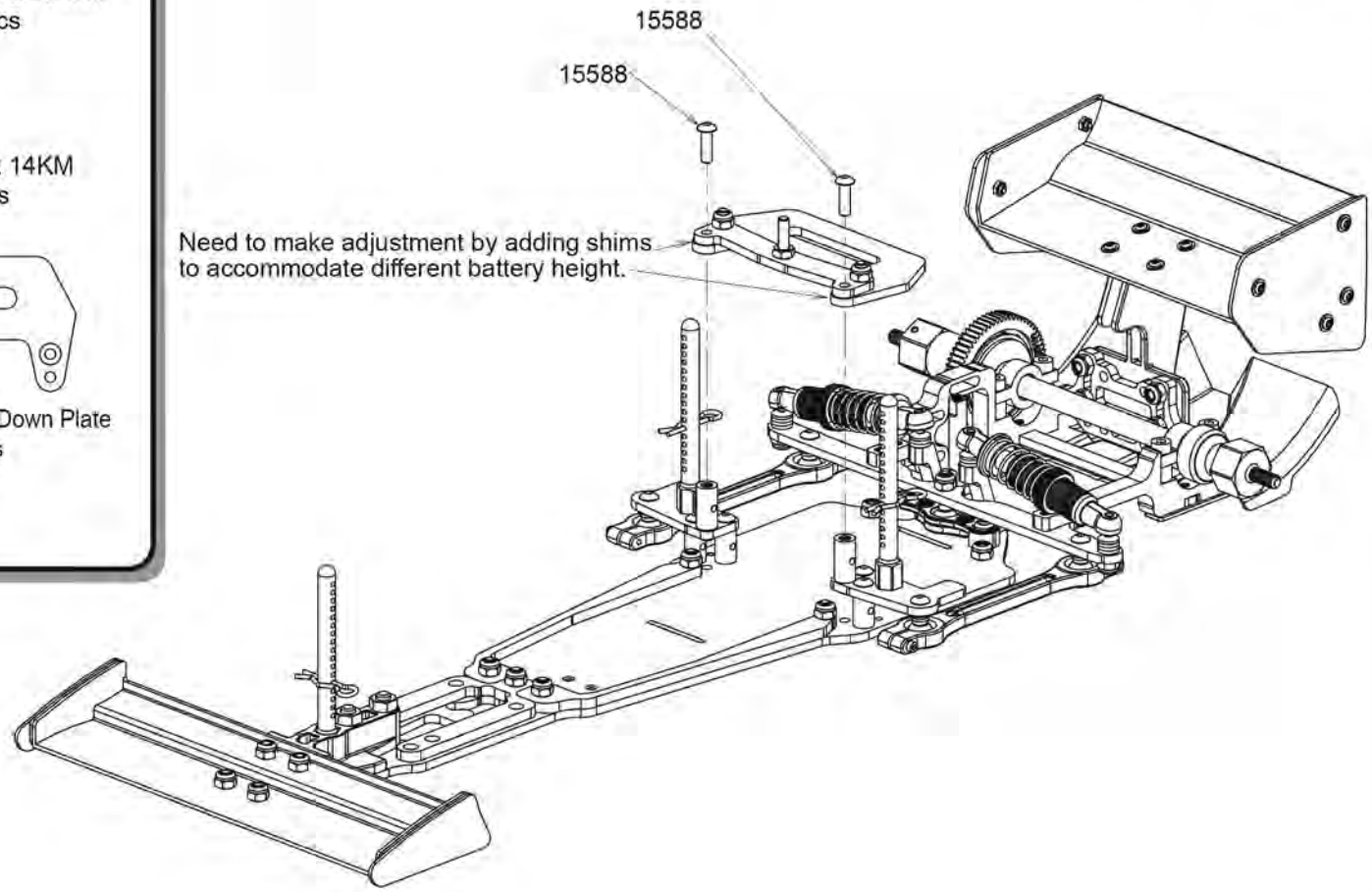
Button Head Screw M3 x 10 mm
TWSSW00001 x 2pcs



Formula Battery Hold Down Plate
CBF-G00108 x 1pcs

Center Shock Mount Plate
CBF-G00109 x 1pcs



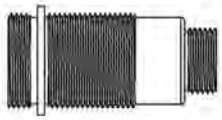


Note: Racer can choose to use
Tape to hold down the battery.

E-Clips
MASM053A x 2pcs

GT14BPR0P0101 x 1pcs

REAR SHOCK SHAFT
MASM1685A x 1pcs



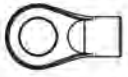
REAR SHOCK BODY x 1pcs
MASM1683A

SHOCK PLASTIC BUSHING
GT14BP0806-01 x 1pcs

O RING ID2.9 *1.78MM
RBP-G00014 x 2pcs

SHOCK SHAFT BUSHING
GT14BP0805-01 x 1pcs

OIL SHOCK BOTTOM CAP
MASM1688A x 1pcs

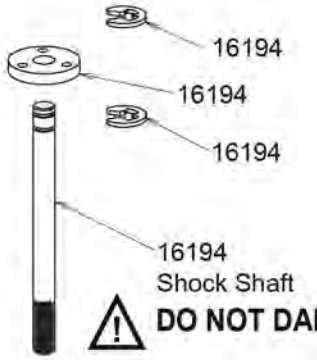


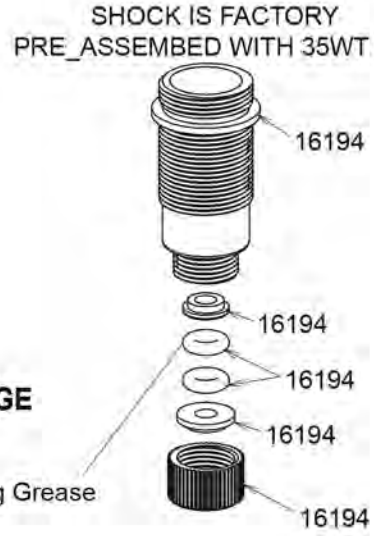
SHOCK END x 1pcs
GT14BP0804-01

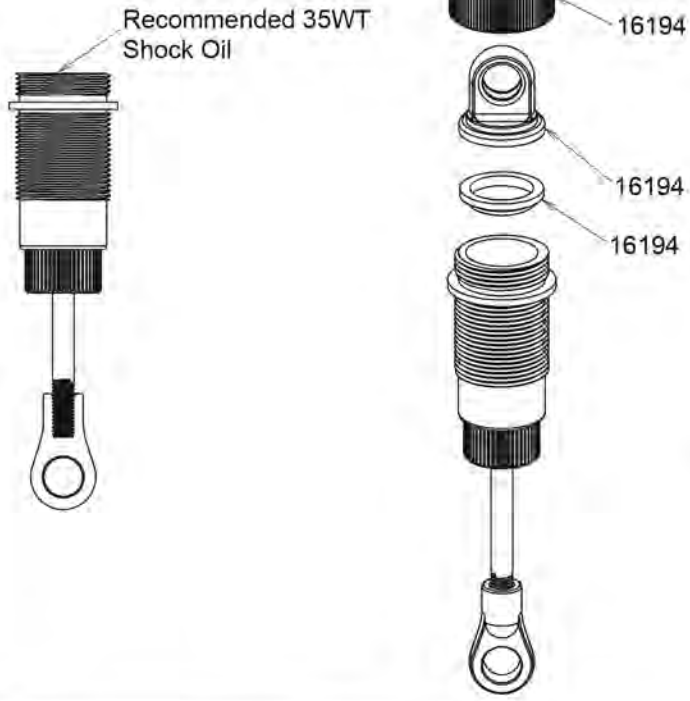
OIL SHOCK TOP CAP
MASM1687A x 1pcs

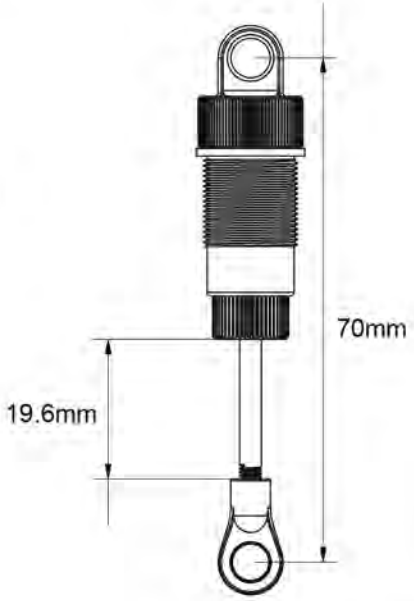
SHOCK TOP CAP
GT14BP0801-01 x 1pcs

Shock Diaphragm
RBP-G00010 x 1pcs



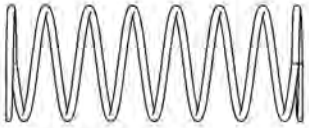






OIL SHOCK ADJUSTER
MASM1686A x 1pcs

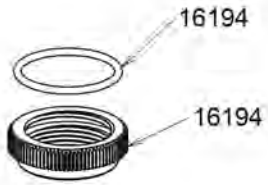
O RING OD15*ID13*1.0MM
RBP-G00012 x 1pcs

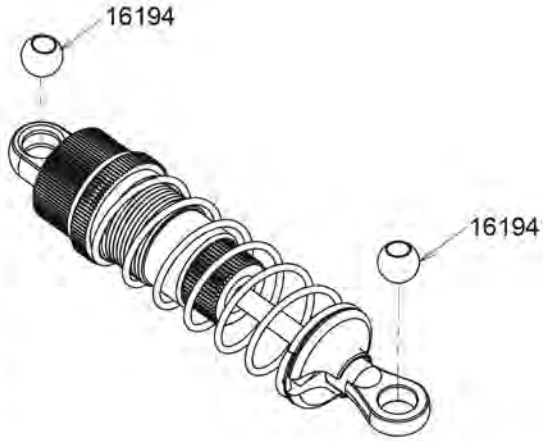


MASM3070A x 1pcs

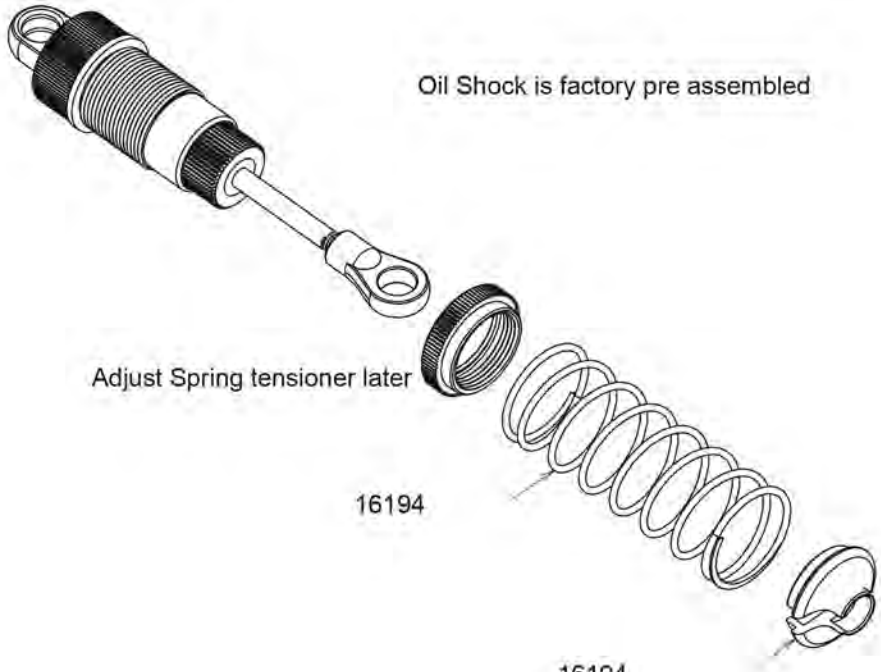
SPRING CUP
GT14BP0803-01 x 1pcs

5.8 BALL THROUGH
(5.79 X 4.6L)
MASM204A x 2pcs



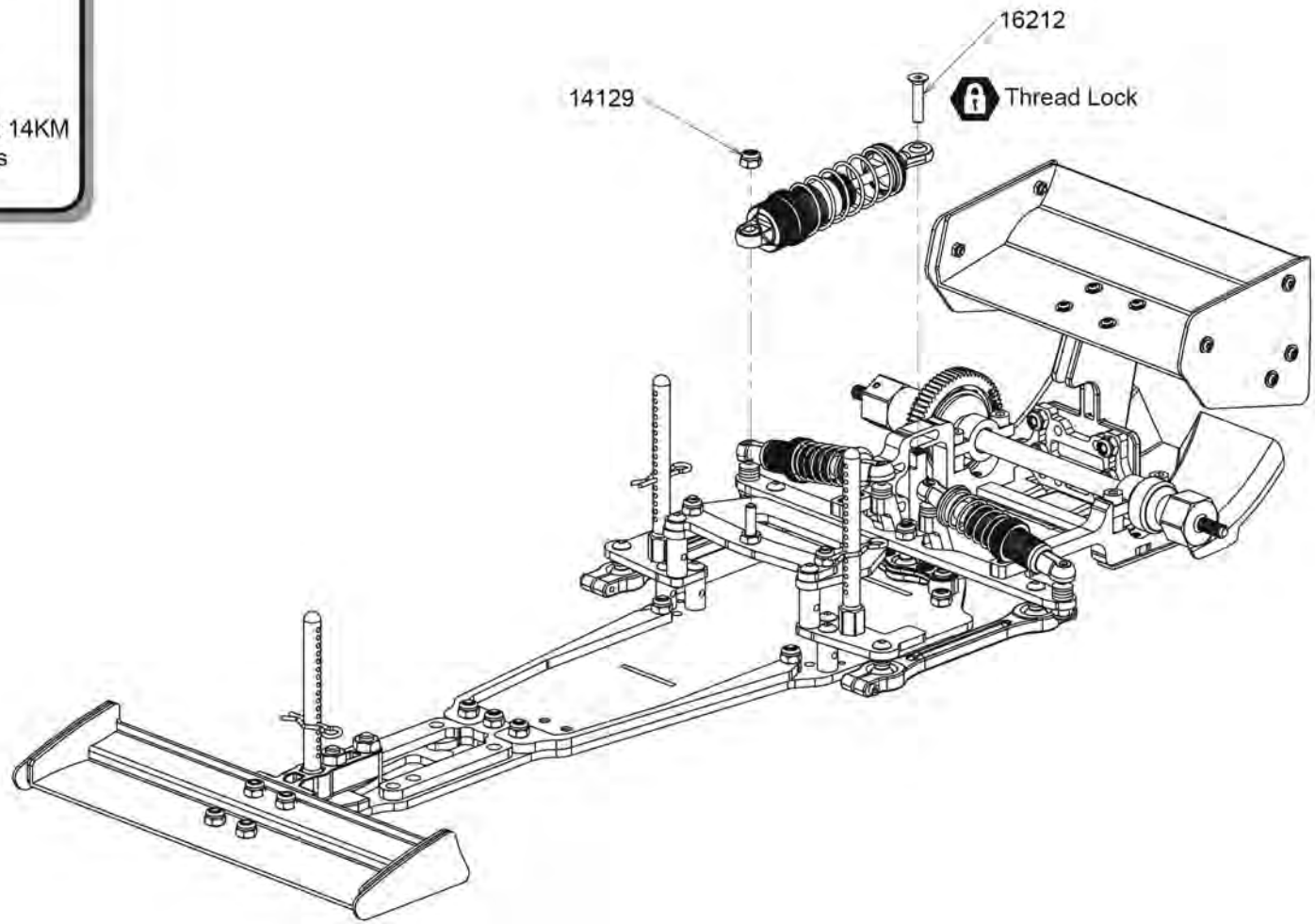


Oil Shock is factory pre assembled



M3 Lock Nut
MASM1168A x 1pcs

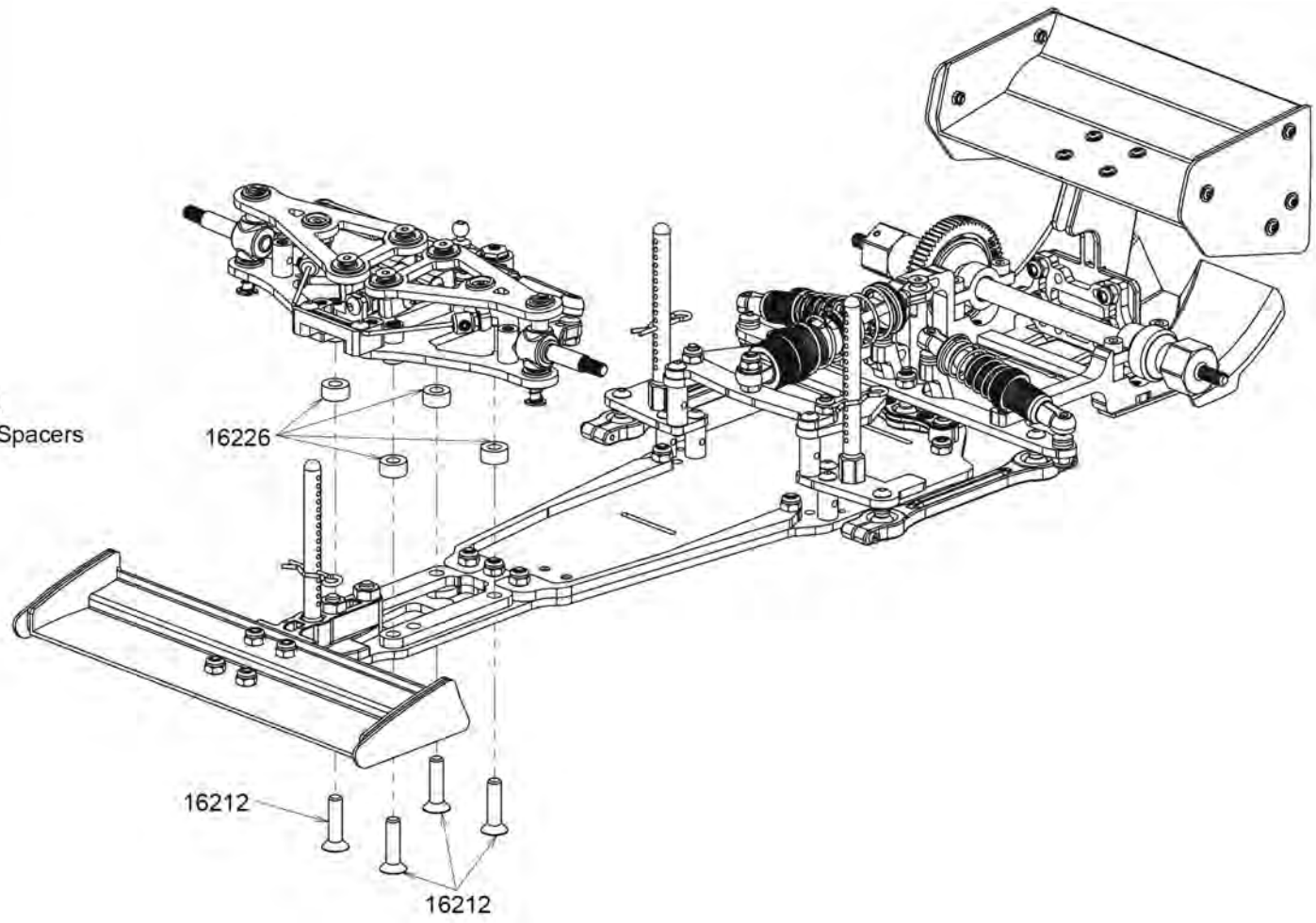
Flat Head Screw 3 x 14KM
SSW-G00822 x 1pcs



Flat Head Screw 4 x 16KM
SSW-G00809 x 4pcs

Front 4mm Ride Height Spacer
TWSM00273 x 4pcs

When adjusting the front ride height
ONLY adjust via these Ride Height Spacers



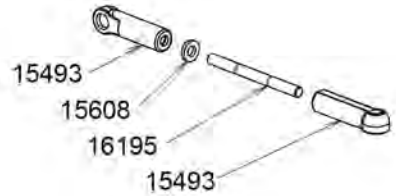
H BAG H / BEUTEL H / SAC H / バッグ H / H袋

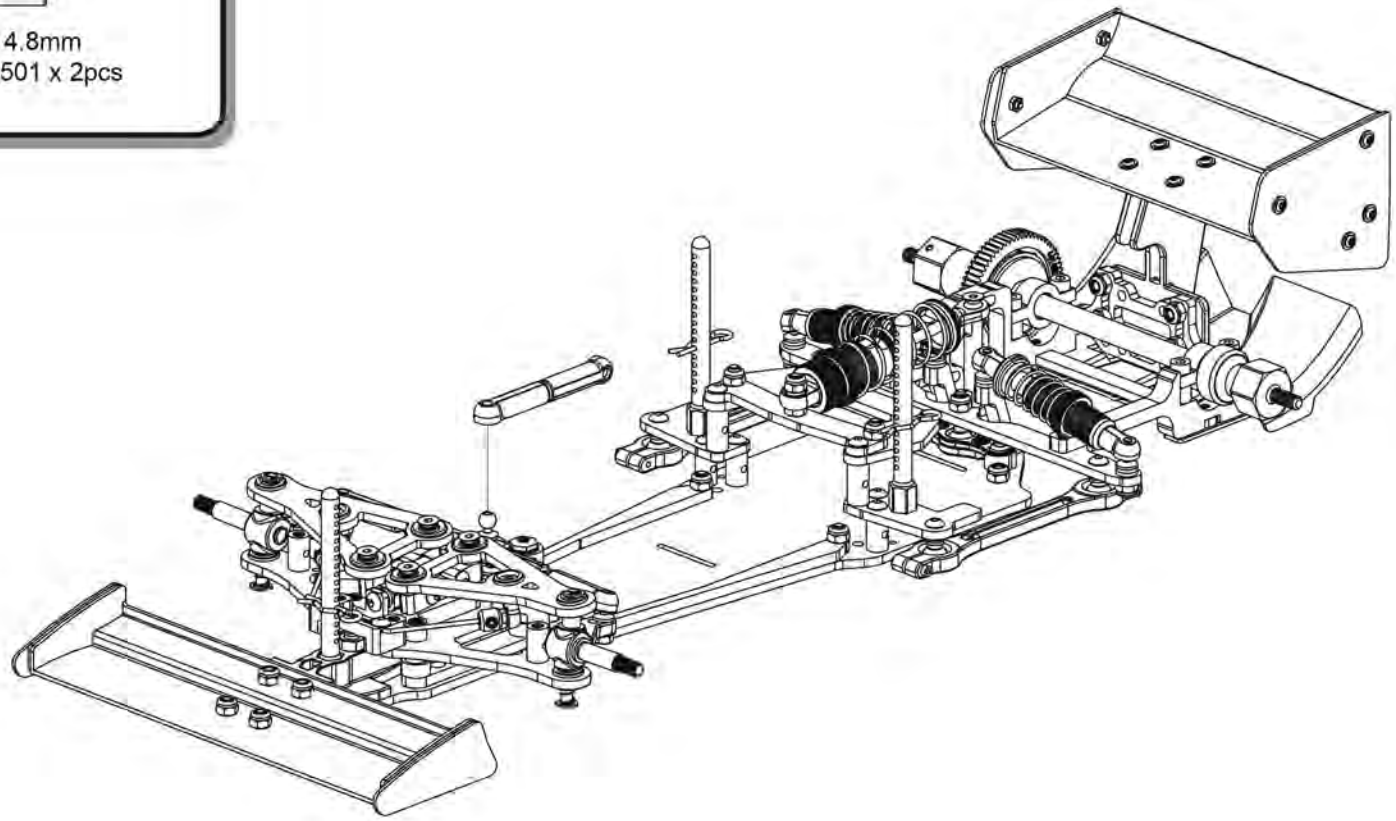
◎ ‖

Shim 3.1 x 6 x 1mm
TWSM00059 x 1pcs

转向丝杆M3X30L
MASM1762A x 1pcs

Ball End 4.8mm
GTB4P0501 x 2pcs

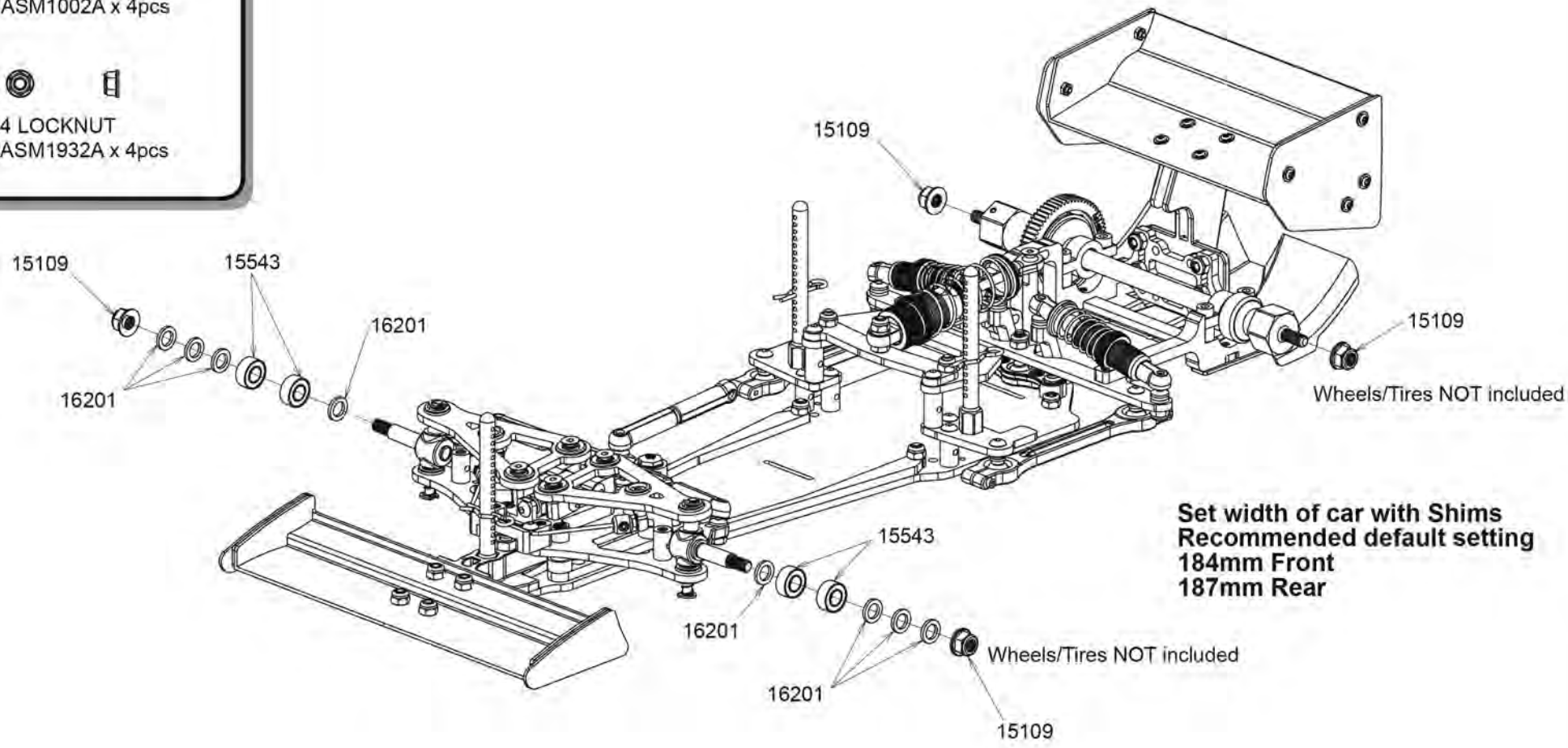




◎
介子5. 2X8X1
MASM3062A x 8pcs

◎
轴承5X10X4
MASM1002A x 4pcs

M4 LOCKNUT
MASM1932A x 4pcs

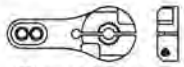


Set width of car with Shims
Recommended default setting
184mm Front
187mm Rear

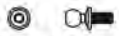
Servo Support Plate
CBF-G00104 x 1pcs

Servo Mount Front
TWSM00264 x 1pcs

Servo Mount Rear
TWSM00268 x 1pcs



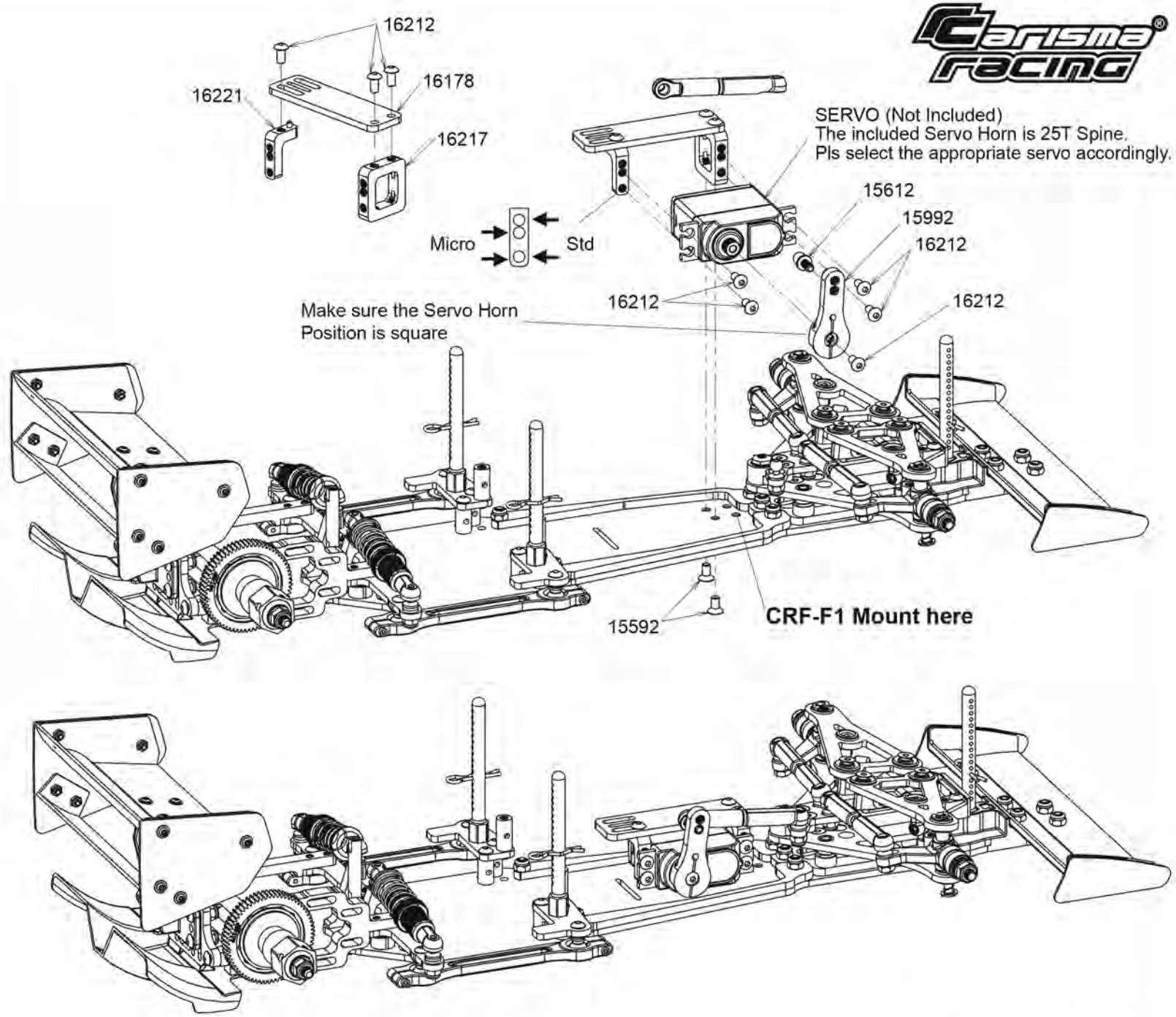
Servo Horn
15992 x 1pcs
This Servo Horn is 25T Spine

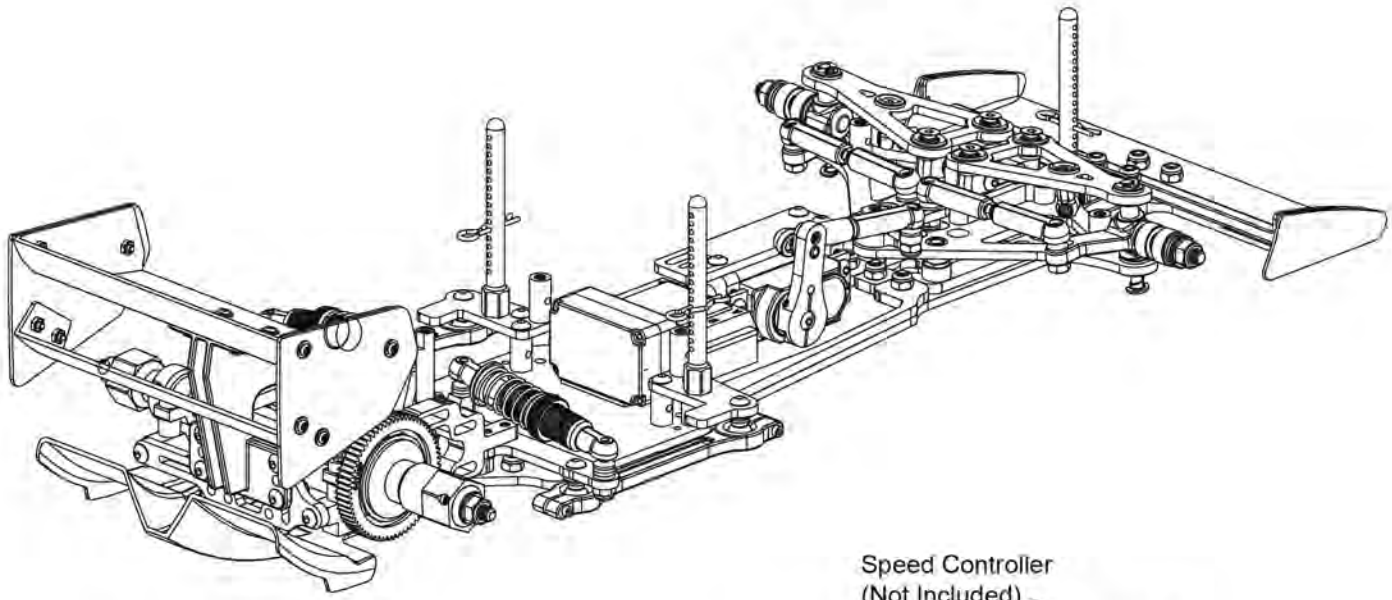


Ball Stud 4.8 x 6mm
TWSM00002 x 1pcs

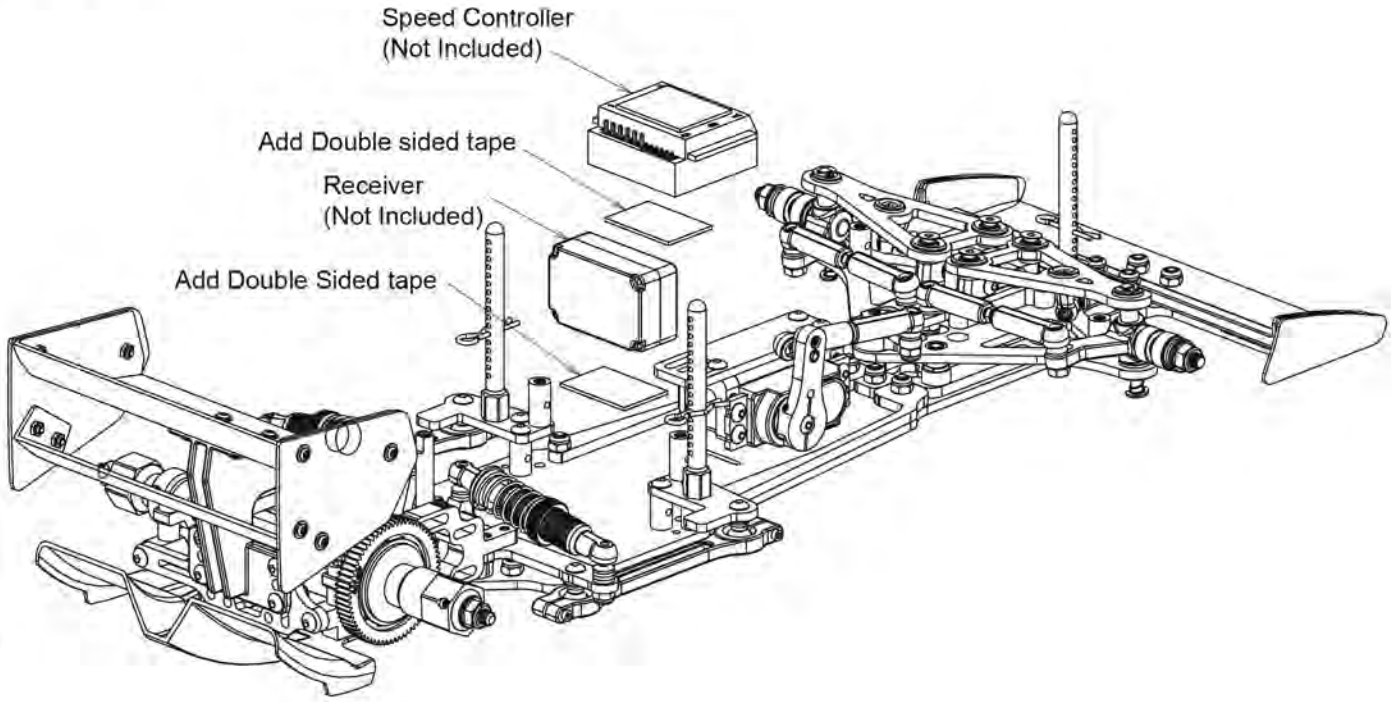
SCREW 3X6 TM
SSW-G00552 x 8pcs

Flat Head Screw M3 x 6mm
TWSSW00009 x 2pcs

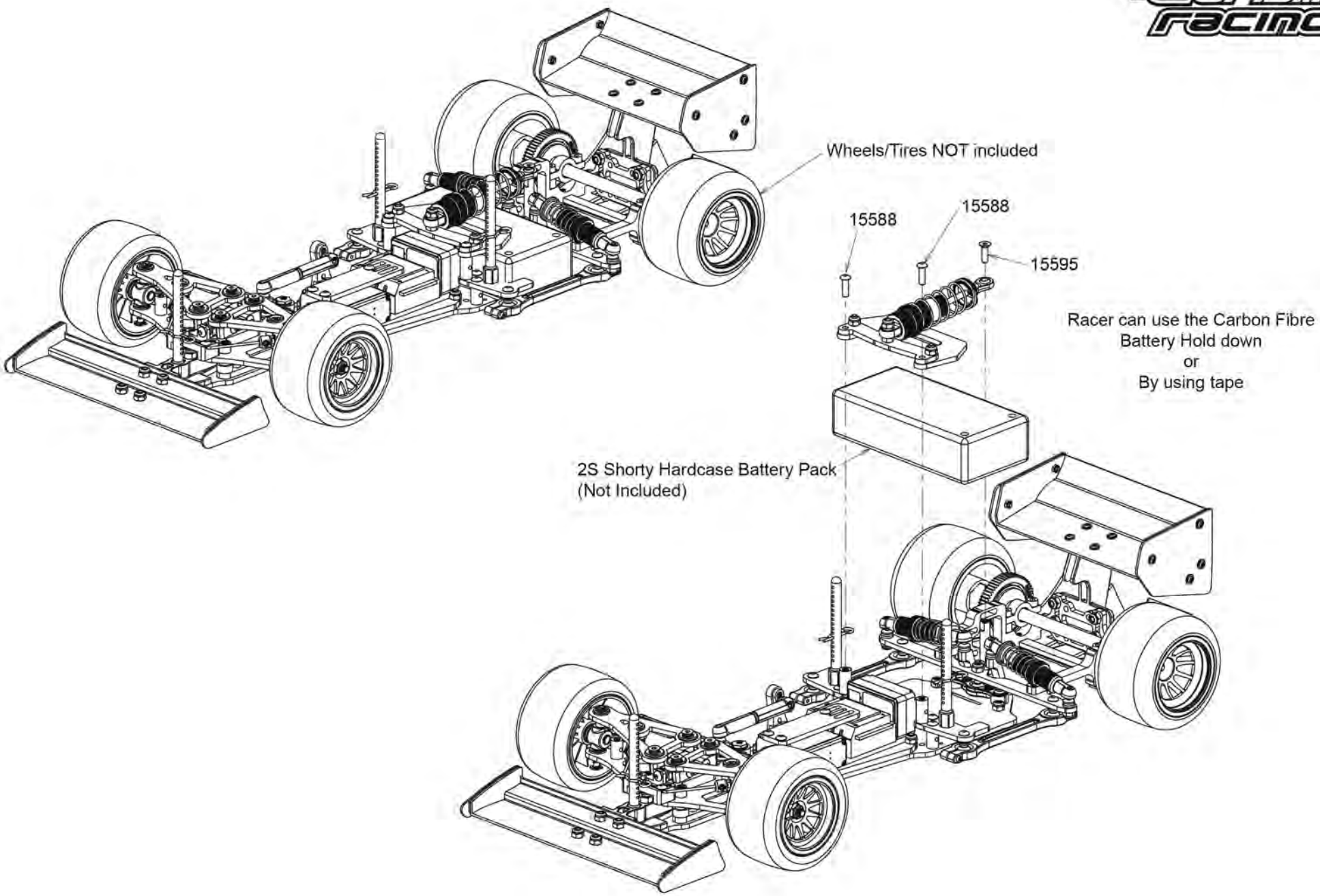


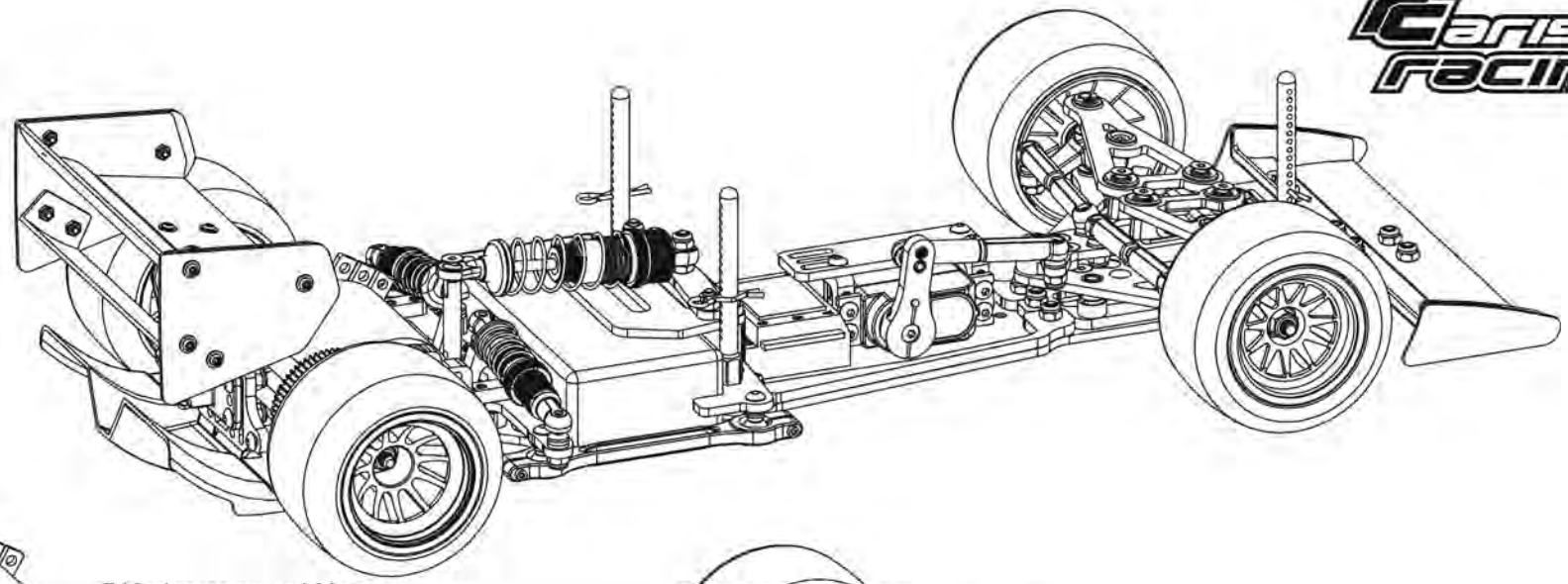


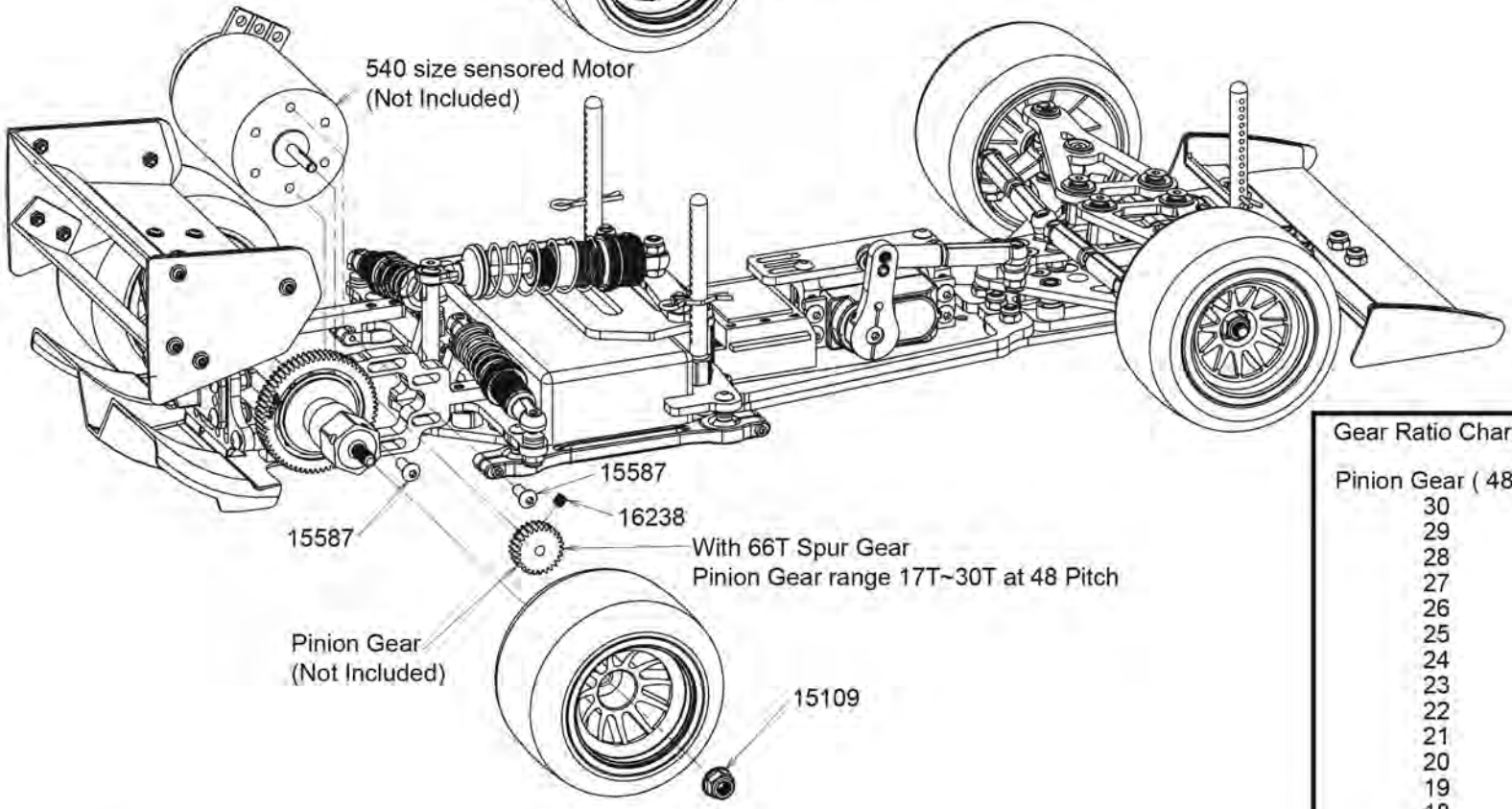
Always use flexable wires for
ESC, Servo, Senser Cable
and Motor Cables
Very critical for maximum
performance



Recommended Speed Controller Unit
Carisma Racing Item:
15785 V70R Sensored ESC


Wheels/Tires NOT included
15588
15588
15595
Racer can use the Carbon Fibre
Battery Hold down
or
By using tape
2S Shorty Hardcase Battery Pack
(Not Included)

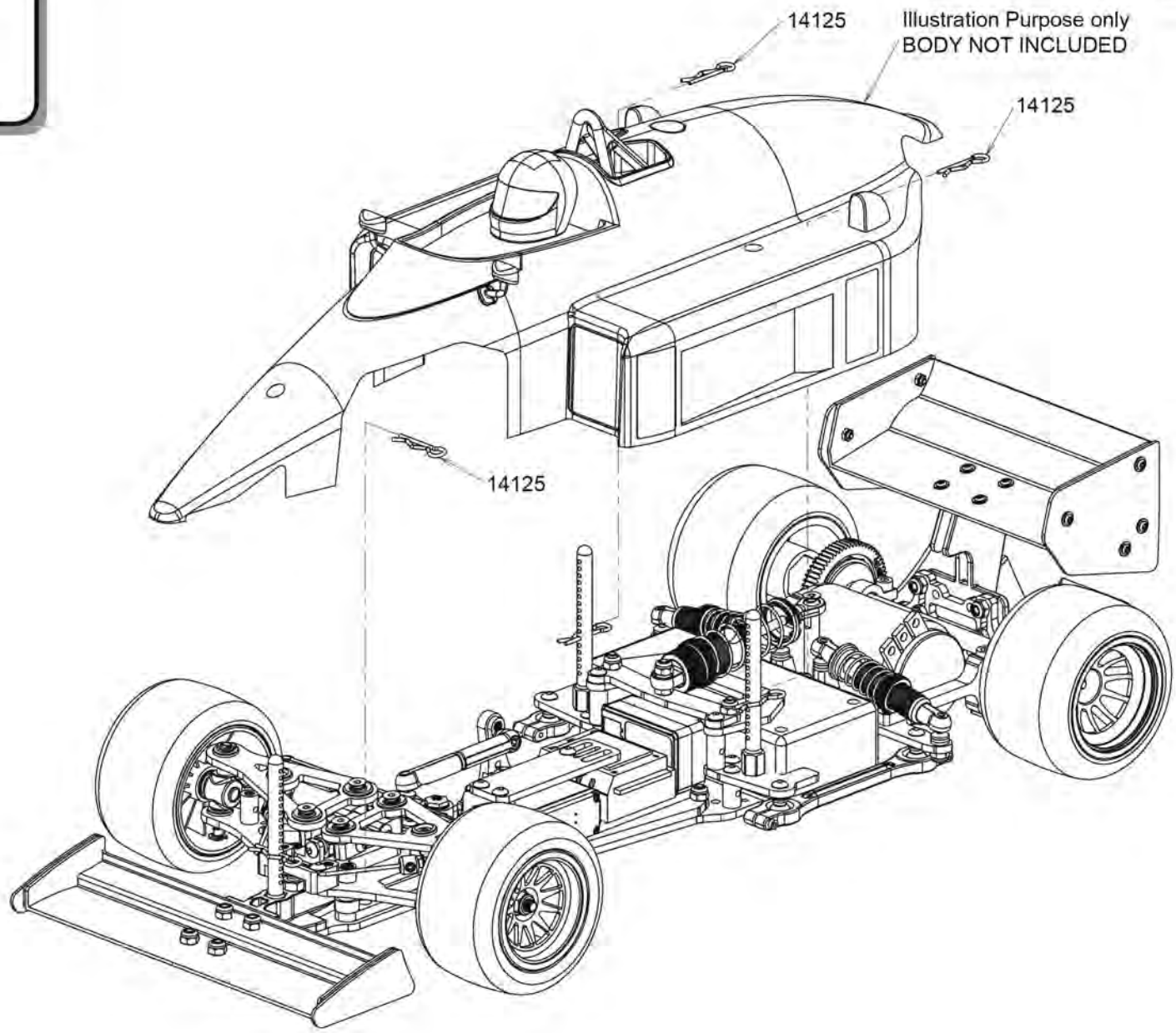


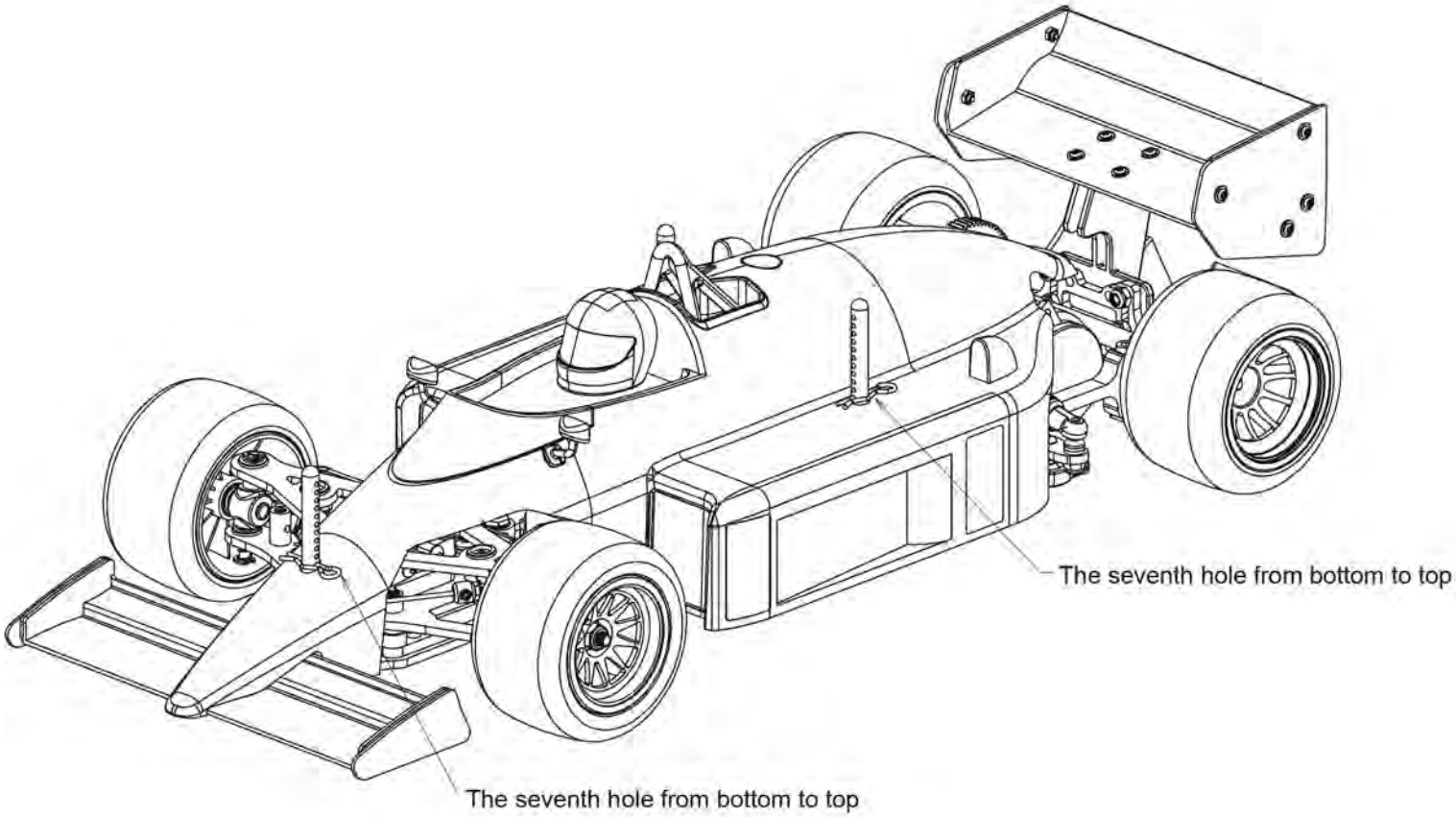


Gear Ratio Chart

Pinion Gear (48P)	Spur Gear (48P)	
30	66	2.200
29	66	2.276
28	66	2.357
27	66	2.444
26	66	2.538
25	66	2.640
24	66	2.750
23	66	2.870
22	66	3.000
21	66	3.143
20	66	3.300
19	66	3.474
18	66	3.667
17	66	3.882

Body Clip
MASM032A x 3pcs




The seventh hole from bottom to top
The seventh hole from bottom to top

SPT Number	UPC Code	Descriptions	Part Number	Quantity	UNIT
14129	4892793141291	M3 LOCK NUT SET	MASM1168A	10	PCS
14805	4892793148054	E-CLIPS 2.3	MASM053A	4	PCS
15109	4892793151092	M3 Nut	MASM727A	3	PCS
		M4 FLANGED LOCK NUT	MASM1932A	4	PCS
15492	4892793154925	4XS Ø4.8 SWAY BAR BALL END SET	GTB4P0503	4	PCS
15493	4892793154932	4XS Ø4.8 BALL END SET(LONG)	GTB4P0501	6	PCS
15543	4892793155434	4XS BALL BEARING (5 X 10 X 4MM)	TWSM00091	4	PCS
16260	4892793162609	SHIM SET (3.1X6X0.5MM)	TWSM00058	5	PCS
15587	4892793155878	4XS BUTTON HEAD SCREW M3 X8MM	TWSSW00005	10	PCS
15588	4892793155885	4XS BUTTON HEAD SCREW M3 X10MM	TWSSW00001	10	PCS
15589	4892793155892	4XS BUTTON HEAD SCREW M3 X12MM	TWSSW00002	10	PCS
15592	4892793155922	4XS FLAT HEAD SCREW M3 X6MM	TWSSW00009	10	PCS
15593	4892793155939	4XS FLAT HEAD SCREW M3 X8MM	TWSSW00010	10	PCS
15595	4892793155953	4XS FLAT HEAD SCREW M3 X 10MM	TWSSW00007	10	PCS
15608	4892793156080	4XS SHIM SET (3.1 X 6 X 1MM)	TWSM00059	20	PCS
15612	4892793156127	4XS Ø4.8 X 6MM & Ø4.8 X 8MM BALL STUD SET	TWSM00002	6	PCS
			TWSM00003	4	PCS
16174	4892793161749	CRF FRONT UPPER SUSPENSION ARM PLATE	CBF-G00099	2	PCS
16175	4892793161756	CRF FRONT LOWER SUSPENSION ARM PLATE	CBF-G00100	1	PCS
16176	4892793161763	CRF CHASSIS BARCE FRONT	CBF-G00101	1	PCS
16253	4892793162531	CRF MAIN CHASSIS PLATE	CBF-G00102	1	PCS
16177	4892793161770	CRF CHASSIS SIDE BRACE	CBF-G00103	2	PCS
16178	4892793161787	CRF SERVO SUPPORT PLATE	CBF-G00104	1	PCS
16179	4892793161794	CRF BATTERY BRACKET	CBF-G00105	2	PCS
16180	4892793161800	CRF REAR POD LOWER PLATE	CBF-G00106	1	PCS
16181	4892793161817	CRF F1 BATTERY HOLD DOWN PLATE	CBF-G00108	1	PCS
16182	4892793161824	CRF Center Shock Mount Plate	CBF-G00109	1	PCS
16183	4892793161831	CRF REAR LOWER MOTOR MOUNT PLATE	CBF-G00111	1	PCS
16184	4892793161848	CRF REAR WING MOUNT PLATE	CBF-G00112	1	PCS
16185	4892793161855	CRF ACKERMANN PLATE	CBF-G00113	1	PCS
16186	4892793161862	CRF PLASTIC PARTS SET A	CF1P0101	8	PCS
			CF1P0102	1	PCS
			CF1P0103	1	PCS
16187	4892793161879	CRF REAR WHEEL HUB LOCK PIN	TWSM00291	1	PCS
16188	4892793161886	MAIN SHOCK SPRING HARD (H)	MASM3070A	1	PCS
16189	4892793161893	CRF PLASTIC PARTS SET B	CF1P0201	4	PCS
			CF1P0202	2	PCS
			CF1P0203	2	PCS
16192	4892793161923	CRF REAR WHEEL HUB CAP ONLY	TWSM00293	1	PCS
16193	4892793161930	M4 SET SCREW	MASM1207A	1	PCS
16194	4892793161947	CRF REAR OIL SHOCK(ASSEMBLED)	MAT-SPT-SA-16194	1	PCS
16195	4892793161954	LONG SET SCREW	MASM1762A	1	PCS
16196	4892793161961	BEARING: 5 X 8 X 2.5MM	MASM146A	2	PCS
16197	4892793161978	CRF SHOCK SLIDER SPRING (M)	MASM2001A	2	PCS
16199	4892793161992	CRF SHOCK SLIDER BODY 9.4 x 33L	MASM3060A	2	PCS
16200	4892793162005	CRF SHOCK SLIDER SHAFT 13 X 36L	MASM3061A	2	PCS
16201	4892793162012	WASHER 5.2 X 8 X 1MM	MASM3062A	8	PCS
16202	4892793162029	DIFF BEARINGS .25"x .375"x .125"	MASM3063A	3	PCS
16203	4892793162036	THRUST BEARING 4 x 10mm (total 3 pcs)	MASM3064A	1	PCS
16204	4892793162043	BEARING 6.35x9.525x3.175_10.72x0.91	MASM3068A	2	PCS
16205	4892793162050	M4 NUT	MASM3069A	2	PCS
16206	4892793162067	CRF FRONT SPRING 3.5x0.3x4.25TxL5.7 (M)	MASM3071A	2	PCS
16208	4892793162081	M3X30L TURN BUCKLE	MASM3074A	2	SET
16209	4892793162098	CRF SHOCK SLIDER	MASM3075A	2	PCS
16210	4892793162104	THREADED ALUM POST 10MM(SHORT)	MASM3089A	6	PCS
16211	4892793162111	CRF O-RING SET	RBP-G00015	2	PCS
			RBP-G00083	8	PCS
16212	4892793162128	CRF HARDWARE BAG	SSW-G00470	4	PCS
			SSW-G00552	4	PCS
			SSW-G00553	4	PCS
			SSW-G00658	4	PCS

SPT Number	UPC Code	Descriptions	Part Number	Quantity	UNIT
16212	4892793162128	CRF HARDWARE BAG	SSW-G00809	4	PCS
			SSW-G00810	4	PCS
			SSW-G00821	4	PCS
			SSW-G00822	4	PCS
			SSW-G00823	4	PCS
			SSW-G00825	4	PCS
16213	4892793162135	WASHER 3x5x3.5MM	TWSM00258	2	PCS
16214	4892793162142	WASHER 3x6x5MM	TWSM00259	4	PCS
16215	4892793162159	CRF 7MM SIDE LINK PIVOT BALL	TWSM00262	4	PCS
16216	4892793162166	CRF 7MM REAR POD PIVOT BALL	TWSM00263	1	PCS
16217	4892793162173	CRF SERVO MOUNT FRONT	TWSM00264	1	PCS
16218	4892793162180	CRF MOTOR MOUNT PLATE	TWSM00265	1	PCS
16219	4892793162197	CRF FRONT RIDE HEIGHT BLOCK	TWSM00266	1	PCS
16220	4892793162203	CRF STEERING PIVOT POST	TWSM00267	1	PCS
16221	4892793162210	CRF SERVO MOUNT REAR	TWSM00268	1	PCS
16222	4892793162227	CRF FRONT CASTER MOUNT 5deg	TWSM00269	1	PCS
16223	4892793162234	CRF FRONT CASTER ADJUSTOR MOUNT	TWSM00270	1	PCS
16224	4892793162241	CRF STEERING KINGPIN	TWSM00271	2	PCS
16225	4892793162258	CRF FRONT SUSPENSION PIVOT BALL	TWSM00272	8	PCS
16226	4892793162265	CRF FRONT 4MM RIDE HEIGHET SPACER	TWSM00273	4	PCS
16227	4892793162272	CRF FRONT WHEEL AXLE(PAIR)	TWSM00274	2	PCS
16228	4892793162289	CRF REAR SIDE DAMPER MOUNT	TWSM00275	2	PCS
16229	4892793162296	CRF REAR SHOCK MOUNTING POST	TWSM00276	1	PCS
16230	4892793162302	THREADED ALUM POST 12.6MM(LONG)	TWSM00277	2	PCS
16231	4892793162319	CRF STEERING BELLCRANK	TWSM00278	1	PCS
16232	4892793162326	CRF MOTOR MOUNT(LEFT)	TWSM00279	1	PCS
16233	4892793162333	CRF REAR AXLE BEARING HOLDER	TWSM00280	2	PCS
16234	4892793162340	CRF UPPER FRONT SUSPENSION MOUNT	TWSM00284	2	PCS
16235	4892793162357	CRF REAR WHEEL HUB(LEFT)	TWSM00285	1	PCS
16236	4892793162364	CRF BALL DIFF AXLE	TWSM00286	1	PCS
16237	4892793162371	DIFF WASHER	TWSM00287	2	PCS
16238	4892793162388	CRF REAR WHEEL HUB SET(RIGHT)	TWSM00288	1	PCS
			TWSM00291	1	PCS
			TWSM00293	1	PCS
			MASM038A	1	PCS
16239	4892793162395	CRF BALL DIFF THRUST CONE	TWSM00289	1	PCS
16240	4892793162401	CRF CONE WASHER SET	TWSM00290	4	PCS
16241	4892793162418	CRF BALL DIFF HARDWARE SET	TWSM00287	2	PCS
			TWSM00295	12	PCS
			TWSM00290	4	PCS
			MASM3064A	1	PCS
			TWSM00289	1	PCS
16243	4892793162432	SPUR GEAR 66BT48P	TWSM00294	1	PCS
16244	4892793162449	DIFF BALLS 1/8"x1/8"	TWSM00295	12	PCS
16248	4892793162487	PAGANI ZONDA R CLEAR BODY SET	LCB-G00158	1	PCS
			LCB-G00159	1	PCS
			LCB-G00160	1	PCS
			LCB-G00161	1	PCS
			LCB-G00162	1	PCS
			LCB-G00163	1	PCS
			LCB-G00164	1	PCS
			LCB-G00165	1	PCS
			LCB-G00193	1	PCS
			LCB-G00194	1	PCS
			LCB-G00195	1	PCS
			LCB-G00196	1	PCS
			LCB-G00197	1	PCS
			ZDAP0101	1	PCS
			ZDAP0102	1	PCS
			ZDAP0103	1	PCS

SPT Number	UPC Code	Descriptions	Part Number	Quantity	UNIT
			ZDAP0104	1	PCS
			ZDAP0105	1	PCS
			ZDAP0106	1	PCS
			ZDAP0107	1	PCS
			ZDAP0108	1	PCS
			ZDAP0109	1	PCS
			ZDAP0110	1	PCS
			ZDAP0111	1	PCS
			ZDAP0112	1	PCS
			ZDAP0113	1	PCS
			ZDAP0114	1	PCS
			ZDAP0115	1	PCS
			ZDAP0116	1	PCS
16248	4892793162487	PAGANI ZONDA R CLEAR BODY SET	ZDAP0117	1	PCS
			ZDAP0118	1	PCS
			ZDAP0119	1	PCS
			ZDAP0120	1	PCS
			ZDAP0121	1	PCS
			ZDAP0122	1	PCS
			ZDAP0123	1	PCS
			DCC-G00414	1	PCS
			R8P0201	4	PCS
			DCL-G01127	32	PCS
			SSW-G00496	22	PCS
			MASM652A	12	PCS
			SSW-G00142	12	PCS
16249	4892793162494	PAGANI ZONDA R STICKER SHEET	DCC-G00414	1	PCS
			ZDAP0101	1	PCS
			ZDAP0102	1	PCS
			ZDAP0103	1	PCS
			ZDAP0104	1	PCS
			ZDAP0105	1	PCS
			ZDAP0106	1	PCS
			ZDAP0107	1	PCS
			ZDAP0108	1	PCS
			ZDAP0109	1	PCS
			ZDAP0110	1	PCS
16250	4892793162500	PAGANI ZONDA R PLASTIC PARTS SET	ZDAP0111	1	PCS
			ZDAP0112	1	PCS
			ZDAP0113	1	PCS
			ZDAP0114	1	PCS
			ZDAP0115	1	PCS
			ZDAP0116	1	PCS
			ZDAP0117	1	PCS
			ZDAP0118	1	PCS
			ZDAP0119	1	PCS
			ZDAP0120	1	PCS
			ZDAP0121	1	PCS
			ZDAP0122	1	PCS
			ZDAP0123	1	PCS
16251	4892793162517	CRF-GT FRONT BUMPER PLATE	CBF-G00114	1	PCS
16252	4892793162524	CRF-GT BATTERY HOLD DOWN PLATE	CBF-G00107	1	PCS
			LCB-G00168	1	PCS
			LCB-G00169	1	PCS
			LCB-G00170	1	PCS
16245	4892793162456	TEAM LOTUS TYPE 98T CLEAR BODY SET	LCB-G00171	1	PCS
			LCB-G00172	1	PCS
			LCB-G00173	1	PCS
			LCB-G00174	1	PCS
			LCB-G00175	1	PCS
			LCB-G00176	1	PCS
			LCB-G00177	1	PCS
			LCB-G00178	1	PCS
			DCL-G01127	8	PCS
			98TP0101	1	PCS
			98TP0102	1	PCS
			98TP0103	1	PCS
			98TP0104	1	PCS
			98TP0105	1	PCS
			98TP0106	1	PCS
16245	4892793162456	TEAM LOTUS TYPE 98T CLEAR BODY SET	98TP0107	1	PCS
			98TP0108	1	PCS
			98TP0109	1	PCS
			98TP0110	1	PCS
			MASM727A	8	PCS
			MASM652A	12	PCS
			MASM1168A	4	PCS
			SSW-G00142	12	PCS
			SSW-G00821	6	PCS
			TWSSW00005	2	PCS
			TWSSW00010	4	PCS
			DCC-G00415	1	PCS
16246	4892793162463	TEAM LOTUS TYPE 98T STICKER SHEET	DCC-G00415	1	PCS
			98TP0101	1	PCS
			98TP0102	1	PCS
			98TP0103	1	PCS
			98TP0104	1	PCS
16247	4892793162470	TEAM LOTUS TYPE 98T PLASTIC PARTS SET	98TP0105	1	PCS
			98TP0106	1	PCS
			98TP0107	1	PCS
			98TP0108	1	PCS
			98TP0109	1	PCS
			98TP0110	1	PCS

Option Parts

SPT Number	UPC Code	Descriptions	Part Number	Quantity	UNIT
16190	4892793161909	MAIN SHOCK SPRING MEDIUM (M)	MASM2185A	1	PCS
16191	4892793161916	MAIN SHOCK SPRING SOFT (S)	MASM1733A	1	PCS
16198	4892793161985	FRONT SUSPENSION SPRING HARD (H)	MASM3072A	2	PCS
16242	4892793162425	CRF SHOCK SLIDER SPRING(H)	MASM766A	2	PCS
			TWSM00282	1	PCS
			MASM3051A	1	PCS
			SSW-G00552	4	PCS
			MASM038A	2	PCS
16254	4892793162548	CRF OP ANTI ROLL BAR SET	CF1P0101	2	PCS
			TWSM00261	2	PCS
			CF1P0204	2	PCS
			MASM3059A	2	PCS
			RBP-G00083	2	PCS
16255	4892793162555	CRF REAR WEEEL HUB SPACER SHIM SET. (0.3)	MASM1269A	12	PCS
16256	4892793162562	CRF SHOCK SLIDER SPRING(S)	MASM1572A	2	PCS
16257	4892793162579	FRONT RIDE HEIGHT SPACER 4.5MM	TBSM00008	4	PCS
16258	4892793162586	FRONT RIDE HEIGHT SPACER 5 MM	TBSM00009	4	PCS
16259	4892793162593	CRF TINI SHOCK SHAFT(36.8mm)	MASM2437A	1	PCS
16262	4892793162623	CRF SHOCK SLIDER SPRINGS (SUPER HARD)	MASM717A	2	PCS
16263	4892793162630	CRF MAIN SHOCK SPRING (SUPER HARD)	MASM3094A	1	PCS

CRF.1 SETUP SHEET

NAME
RACE
TRACK
COUNTRY

DATE
ASPHALT ☐ CARPET ☐
TRACTION LOW ☐ MEDIUM ☐ HIGH ☐
LAYOUT TECH. ☐ MIXED ☐ FAST ☐

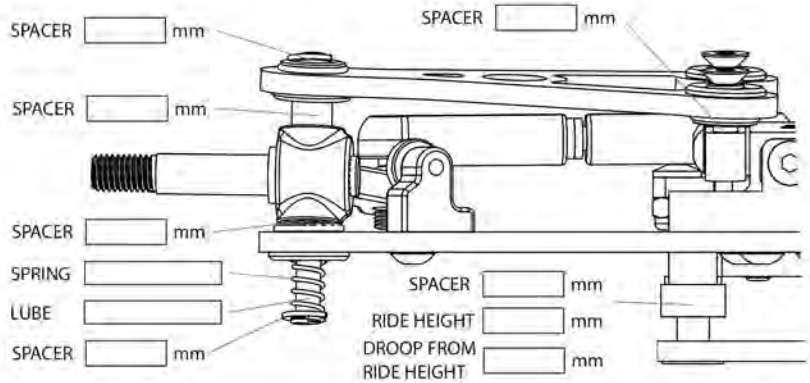
TEMPERATURE DEG C ☐ DEG F ☐
AIR ____ TRACK ____
TYRE CONTROL ____ OPEN ____
QUAL ____ FINISH ____

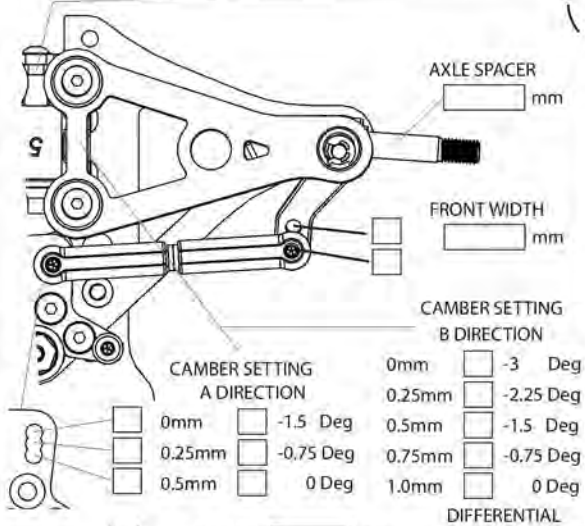
CASTOR SETTING

0mm ☐	0.5 Deg	2.5mm ☐	8.0 Deg
0.5mm ☐	2.0 Deg	3.0mm ☐	9.5 Deg
1.0mm ☐	3.5 Deg	3.5mm ☐	11 Deg
1.5mm ☐	5.0 Deg	4.0mm ☐	12.5 Deg
2.0mm ☐	6.5 Deg	4.5mm ☐	14.0 Deg

FRONT END

LOWER ARM WIDTH STD ☐ ——— ☐
UPPER ARM WIDTH STD ☐ ——— ☐





CAMBER SETTING A DIRECTION

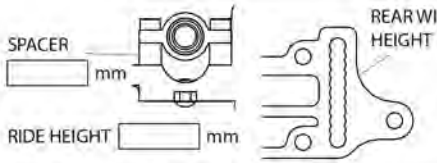
0mm ☐	-1.5 Deg	0mm ☐	-3 Deg
0.25mm ☐	-0.75 Deg	0.25mm ☐	-2.25 Deg
0.5mm ☐	0 Deg	0.5mm ☐	-1.5 Deg
		0.75mm ☐	-0.75 Deg
		1.0mm ☐	0 Deg

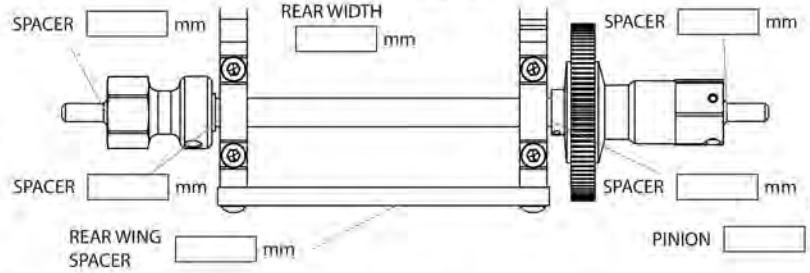
CAMBER SETTING B DIRECTION

FRONT WING ____ TOE ANGLE ____ IN ☐ OUT ☐
EXTRA FLAPS ____ STEERING LOCK (INSIDE WHEEL) ____

REAR END

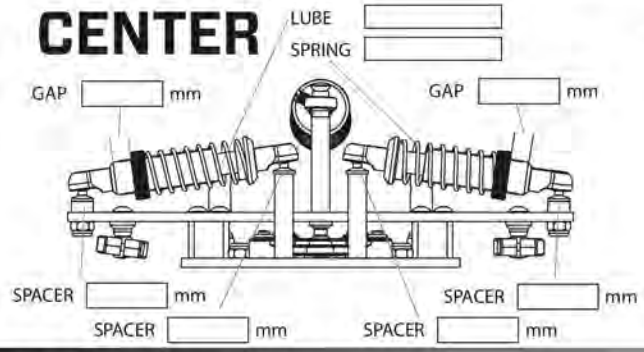
REAR WING ____

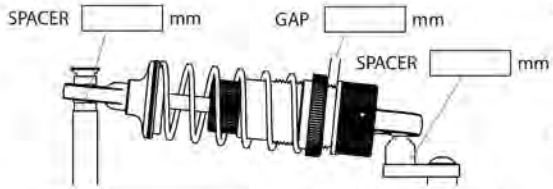




DIFFERENTIAL
BALL ☐
SETTING ____
GEAR ☐
OIL (cst) ____
SPOOL ☐
SPUR GEAR ____
PINION ____ GEAR RATIO ____

CENTER





SPRING ____ OIL ____
PISTON ____ REBOUND ____
OVERALL SHOCK LENGTH ____ mm

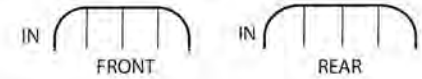
RIDE HEIGHT ____ mm
DROOP FROM RIDE HEIGHT ____ mm
CHASSIS ____ mm

ELECTRONICS

SERVO
ESC
BATTERY / g
RECEIVER
MOTOR
TIMING
ROTOR

TIRES

FRONT
REAR
ADDITTIVE
TIMINGS
WARMERS Deg / mins



NOTES

Note:

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