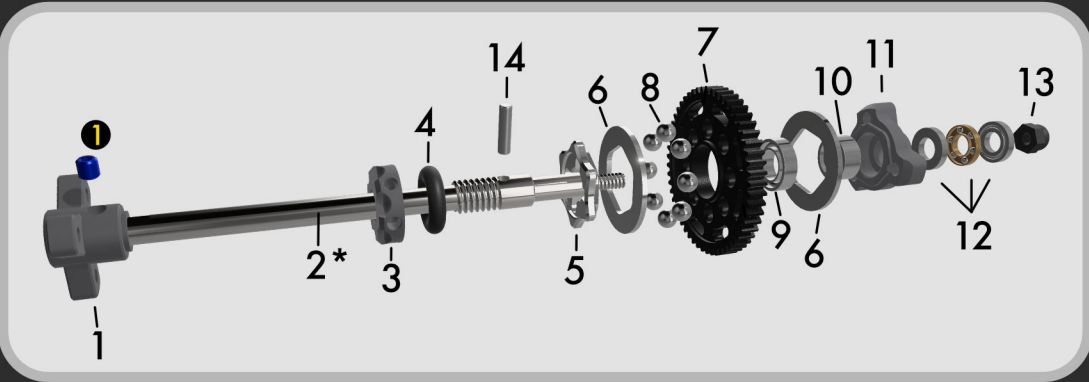


XBILITY
RC

The image features the word 'XBILITY' in a large, bold, 3D metallic font. The letters have a silver or chrome finish with a slight gradient and a beveled edge. Below the 'XBILITY' text, the letters 'RC' are visible in a smaller, similar 3D metallic font. The entire text is set against a dark gray background. Surrounding the text are several thin, yellow lines that resemble circuit board traces, with small yellow dots at various points, giving it a high-tech or digital aesthetic.

01 - DIFFERENTIAL

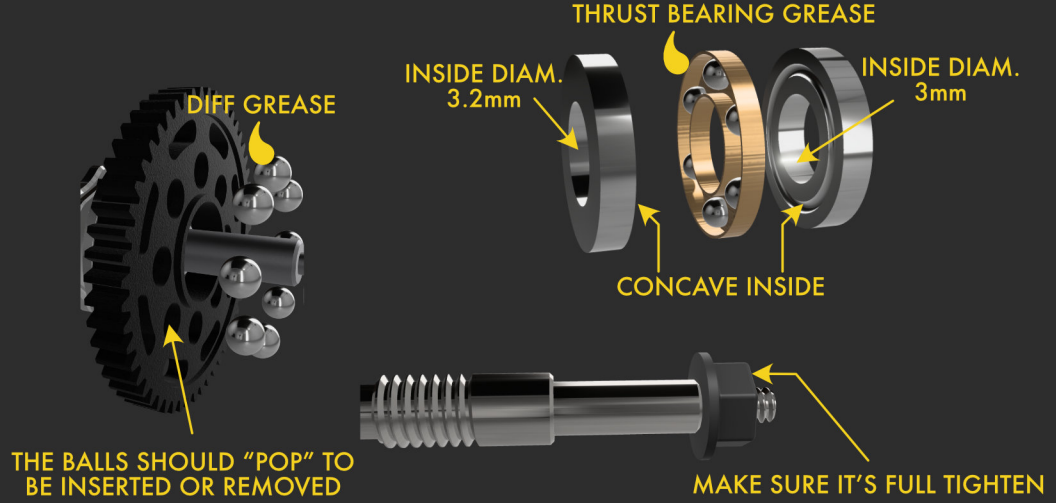


OPTIONAL*

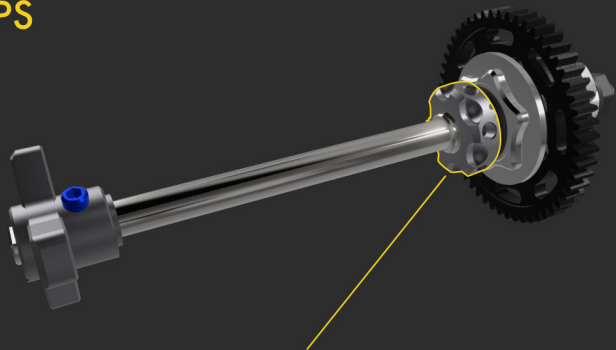
Titanium Shaft - XB1-014



01 - ASSEMBLY TIPS



01 - SETUP TIPS



TIGHTEN - MORE STEERING

LOOSEN - LESS STEERING

BAG 1 - CONTENT

PARTS

1	XB1-048-1	Diff Wheel Hub 1
2	XB1-048-2	Diff Aluminium Shaft
3	XB1-048-3	Diff Adjustor Hub
4	XB1-048-4	Oring 3x7x2
5	XB1-048-5	Diff Hub Pressure Plate
6	XB1-048-6	Diff Pressure Plate
7	XB1-048-7	Diff 64P 53T Spur Gear
8	XB1-048-8	Ceramic Balls
9	XB1-048-9	Bearing 4x7x2
10	XB1-048-10	Bearing 3x6x2.5
11	XB1-048-11	Diff Wheel Hub 2

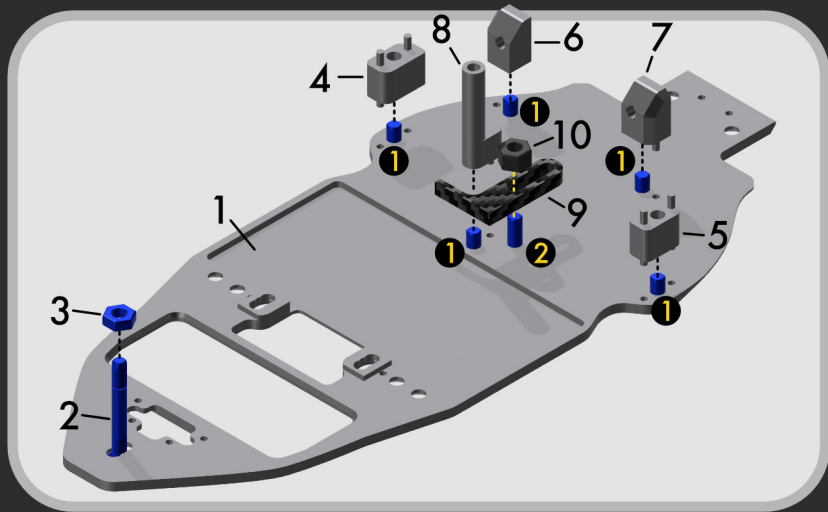
PARTS

12	XB1-048-12	Thrust Bearing
13	XB1-048-13	Lock Nut M2
14	XB1-048-14	1.5mm Shaft

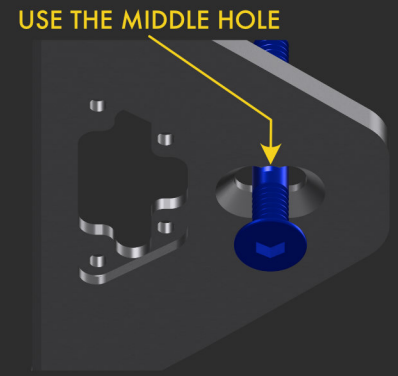
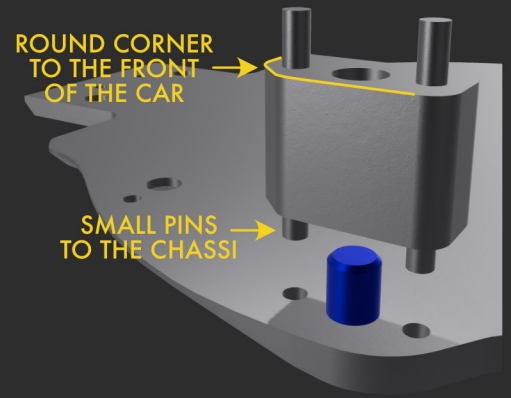
BOLTS

1	X-SSS-2.5-2	M2.5x2mm
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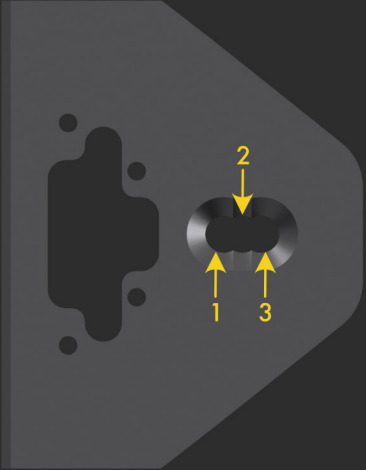
02 - REAR PLATE



02 - ASSEMBLY TIPS



02 - SETUP TIPS



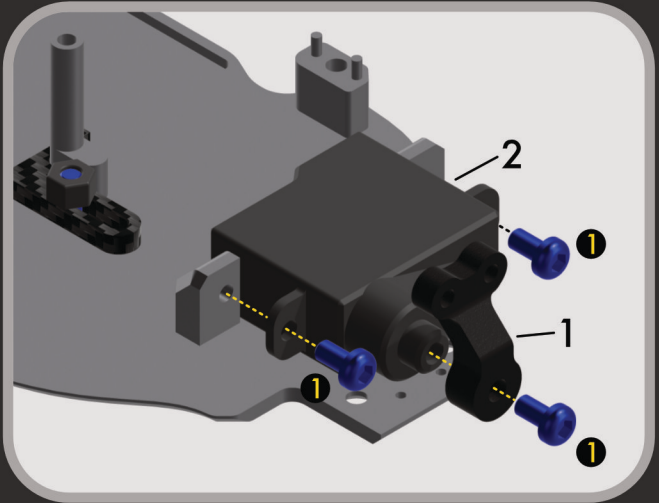
1	HARD REAR
2	STANDARD POSITION
3	SOFT REAR

BAG 2 - CONTENT

PARTS	1	XB1-001	Base Plate
	2	XB1-050	Rear Spring Bolt
	3	XB1-051	Rear Spring Nut
	4	XB1-057	Left Side Link Tower
	5	XB1-058	Right Side Link Tower
	6	XB1-020	Left Servo Mount
	7	XB1-021	Right Servo Mount
	8	XB1-025	Center Damper Tower
	9	XB1-022	Battery Adjust Plate
	10	XB1-024	4mm Lock Nut

BOLTS	1	X-FHS-2-4	M2x4mm
	2	X-FHS-2-6	M2x6mm

03 - SERVO



BAG 3 - CONTENT

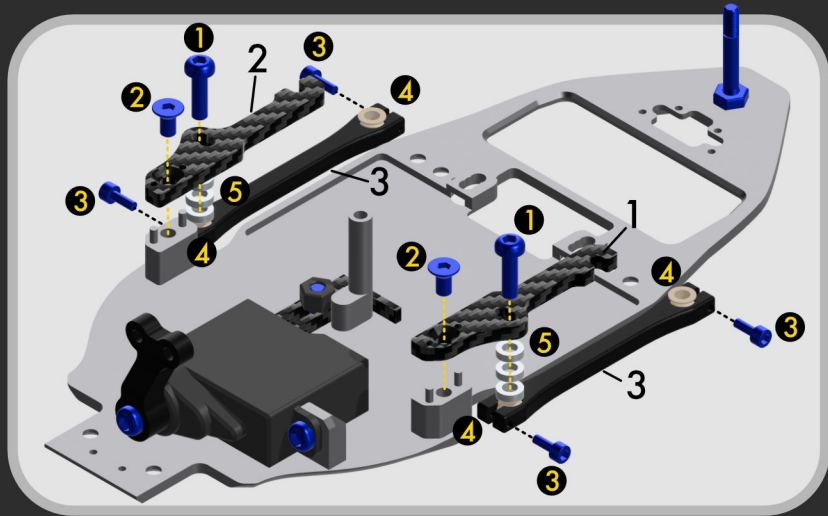
PARTS

1	TCM-1003	Servo
2	XB1-018	Servo Horn

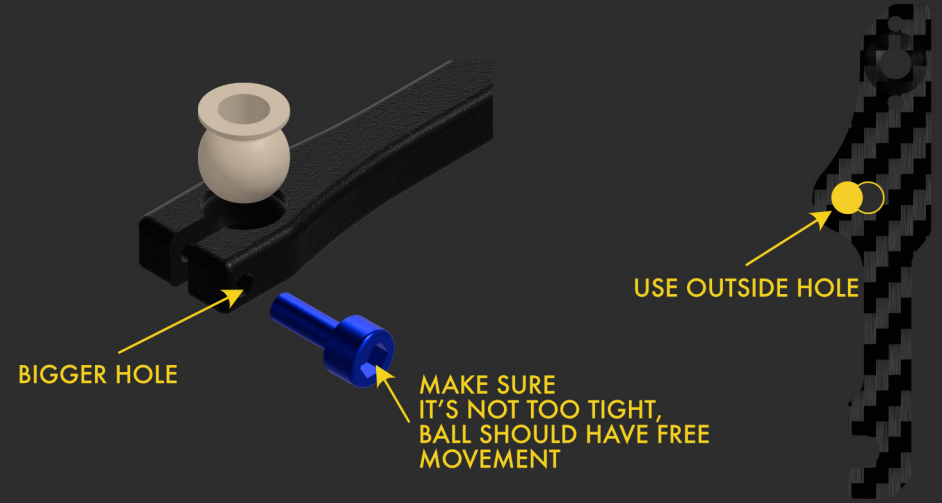
BOLTS

1	X-RHS-2-4	M2x4mm
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04 - SIDE LINKS



04 - ASSEMBLY TIPS



04 - SETUP TIPS



1	STANDARD POSITION
2	MORE IN-CORNER STEERING



3	STANDARD POSITION - EASIER TO DRIVE
4	LESS SHIMS = MORE IN-CORNER STEERING

BAG 4 - CONTENT

PARTS

1	XB1-026	Left Side Link Plate
2	XB1-027	Right Side Link Plate
3	XB1-030	Side Links

BOLTS

1	X-RHS-2-7	M2x7mm
2	X-FHS-2-4	M2x4mm
3	X-SHS-14-5	M1.4x5mm
4	X-PVB-F	Female Pivot Ball
5	X-WSH-2-4-1	2x4x1mm Shim

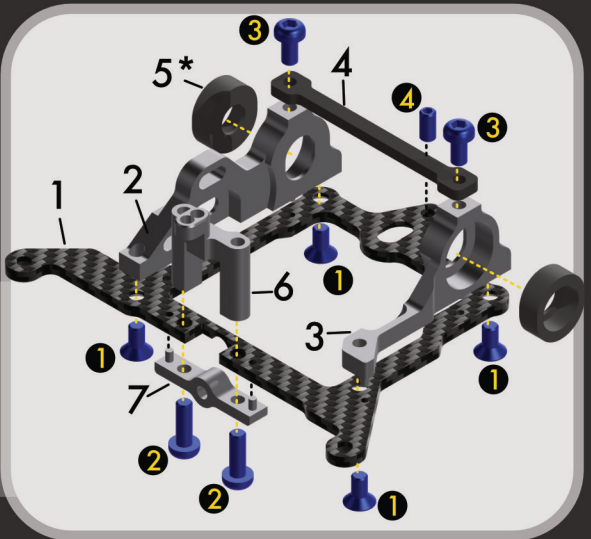
05 - REAR PLATE

OPTIONAL*

Ride Height Bush 1

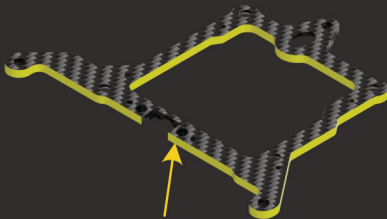


XB1-045



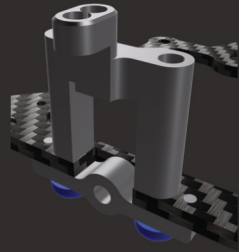
05 - ASSEMBLY TIPS

1st STEP



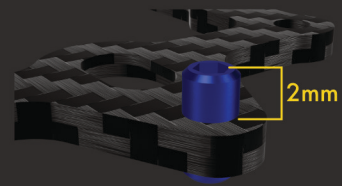
APPLY CA GLUE WITH COTTON SWAB ON THE EXTERIOR WALLS OF THE CARBON PLATE

2nd STEP



The assembly from the first step with several blue pins inserted into the carbon plate.

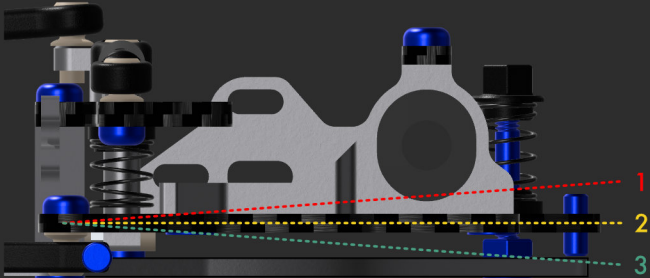
3rd STEP



2mm

05 - SETUP TIPS

POD SQUAT



1	LESS ON-POWER STEERING - INCREASE REAR TRACTION
2	STANDARD POSITION
3	MORE ON-POWER STEERING - DECREASE REAR TRACTION

BAG 5 - CONTENT

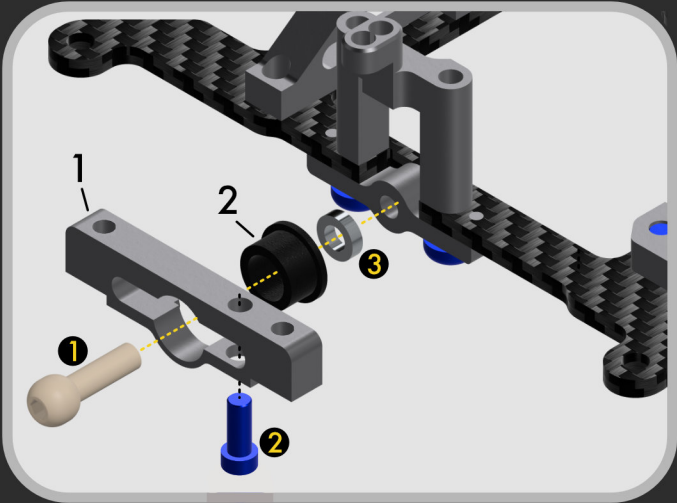
PARTS

1	XB1-002	Carbon Rear Plate
2	XB1-043	Right Motor Mount
3	XB1-042	Left Motor Mount
4	XB1-049	Motor Mount Bar
5	XB1-046	Ride Height Bush 2
6	XB1-039	Rear Damper Tower
7	XB1-038	Center Pivot Ball

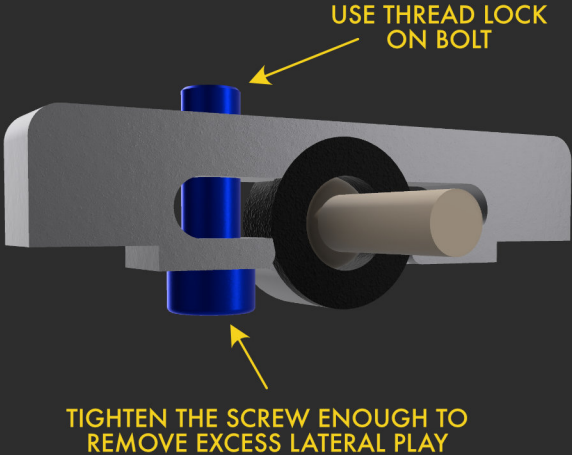
BOLTS

1	X-FHS-2-4	M2x4mm
2	X-RHS-2-6	M2x6mm
3	X-RHS-2-3	M2x3mm
4	X-SSS-2-5	M2x5mm

06 - PIVOT MOUNT (1)



06 - ASSEMBLY TIPS



NEXT PAGE



BAG 6 - CONTENT

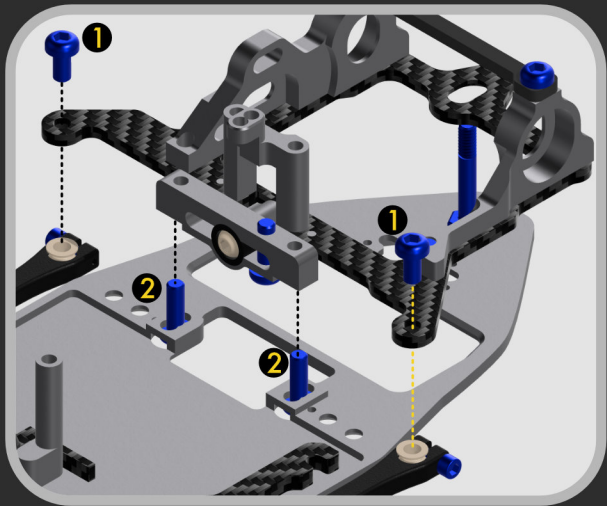
PARTS

1	XB1-032	Center Pivot Kit
2	XB1-031	Center Pivot Busher

BOLTS

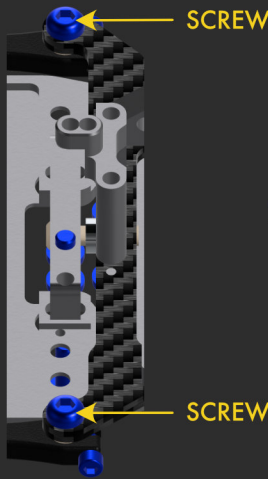
1	X-PVB-6	Pivot Ball 6mm
2	X-SHS-2-5	M2 Special Screw
3	X-WSH-2-4-1	2x4x1mm Shim

07 - PIVOT MOUNT (2)



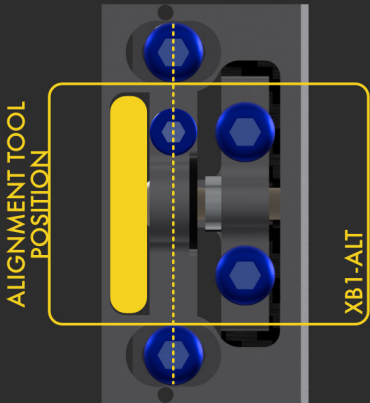
07 - ASSEMBLY TIPS

1st STEP



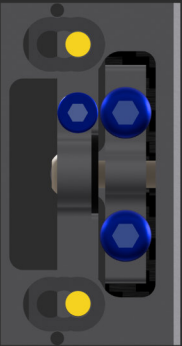
2nd STEP

USE THE ALIGNMENT TOOL
TO CORRECTLY POSITION THE PART

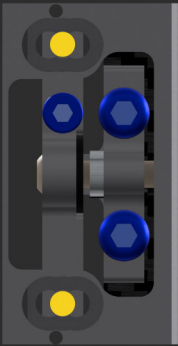


PLACE THE PART AGAINST
THE ALIGNMENT TOOL AND TIGHTEN

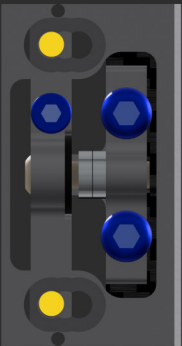
07 - SETUP TIPS



IMPROVED ROTATION
NO SHIM



STANDARD POSITION
1MM SHIM



MORE STABLE
2x 1MM SHIMS

BAG 7 - CONTENT

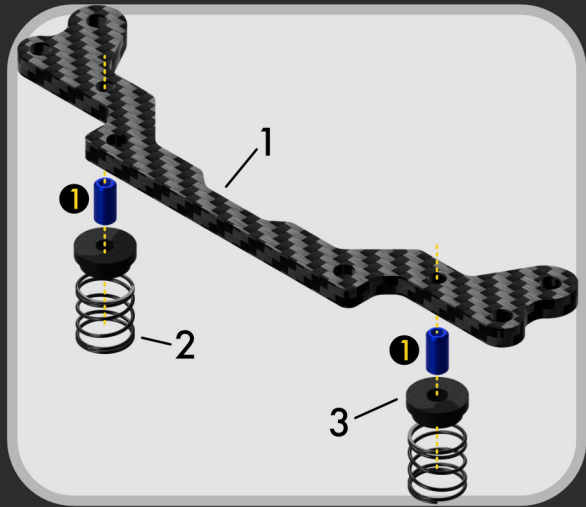
PARTS

1	XB1-ALT	Alignment Tool
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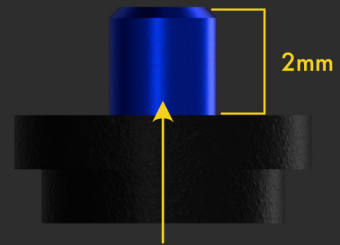
BOLTS

1	X-RHS-2-4	M2x4mm
2	X-SHS-2-5	M2 Special Screw

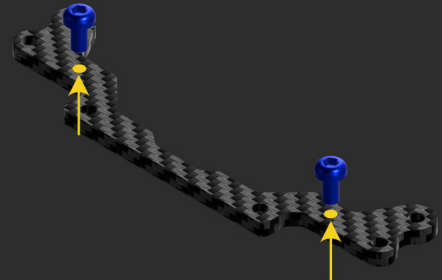
08 - REAR SUSPENSION (1)



08 - ASSEMBLY TIPS



USE CA GLUE TO
FIX SETSCREW TO
SPRING COLAR



USE NORMAL M2 SCREW
TO OPEN THREAD HOLE
FOR THE SET SCREW

08 - SETUP TIPS

SPRING CHART

1*	EXTRA SOFT	
2*	SOFT	
3	MEDIUM (STANDARD)	
4*	HARD	
5*	EXTRA HARD	

OPTIONAL SIDE SPRINGS*

SPRING

SOFTER	LESS REACTIVE REDUCE ON-POWER STEERING
STIFFER	MORE REACTIVE IMPROVE ON-POWER STEERING

BAG 8 - CONTENT

PARTS

1	XB1-036	Damper Plate
2	XB1-041-S	Medium Side Spring
3	XB1-040	Side Spring Tentitioner

BOLTS

1	X-SSS-2-4	M2x4mm
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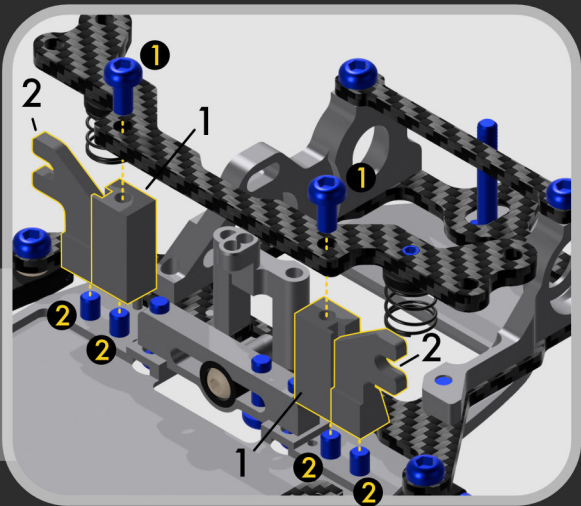
09 - REAR SUSPENSION (2)

OPTIONAL*

Riser Shim



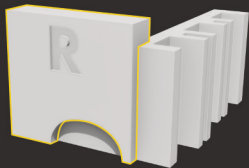
XB1-065



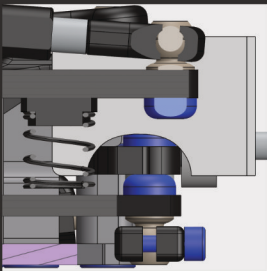
NEXT PAGE



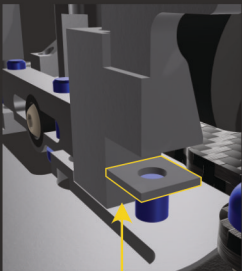
09 - SETUP TIPS



USE THE MARKER TOOL
TO MAKE A CUT ON THE
BODY SUPPORT



REAR VIEW OF THE
RIGHT SIDE



USE THE OPTIONAL*
SHIMS TO RAISE THE
BODY CLIPS

DUE TO THE FACT THAT BODY CLIPS
HAVE DIFFERENT MEASURES, MAKE
SURE THE CLIP IS ATTACHED TO THE
BODY SHELL BEFORE MAKING
THE MARKING

BAG 9 - CONTENT

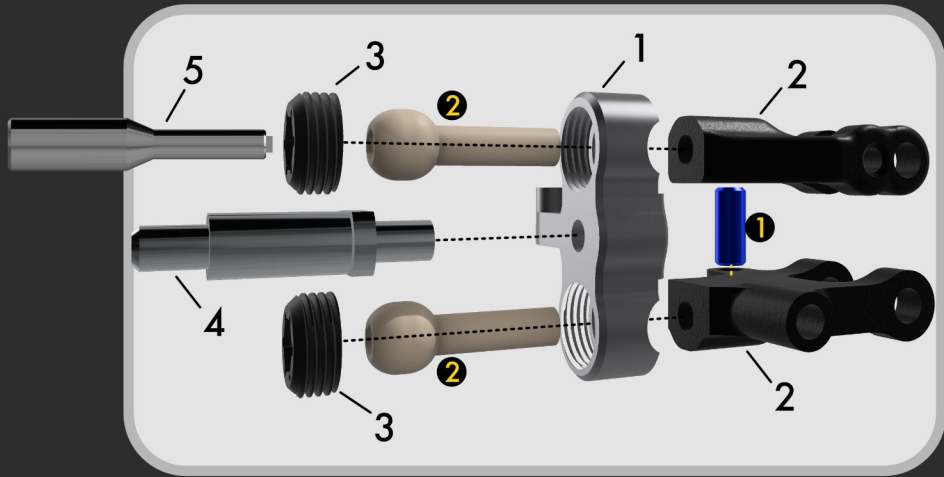
PARTS

1	XB1-033	Side Body Tower
2	XB1-034	Hard Body Mount
3	XB1-MRT	Body Clip Marker Tool

BOLTS

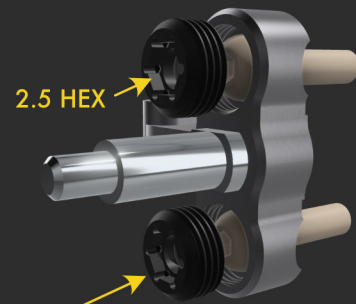
1	X-RHS-2-4	M2x4mm
2	X-FHS-2-4	M2x4mm

10 - KNUCKLES



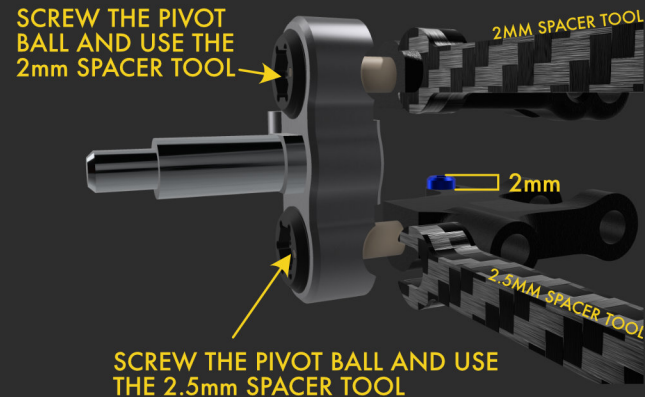
10 - ASSEMBLY TIPS

1st STEP



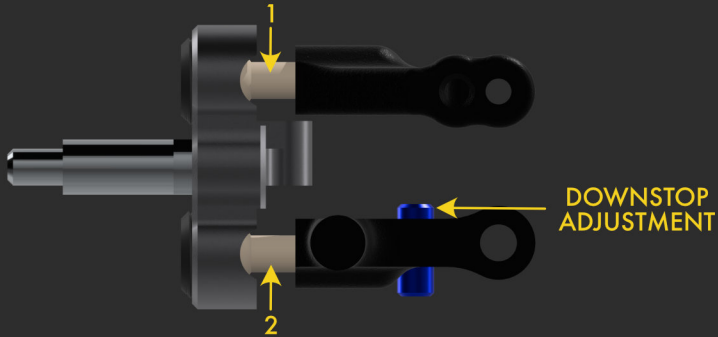
MAKE SURE
IT'S NOT TOO TIGHT,
BALL SHOULD HAVE FREE
MOVEMENT

2nd STEP



SCREW THE PIVOT BALL AND USE
THE 2.5mm SPACER TOOL

10 - SETUP TIPS



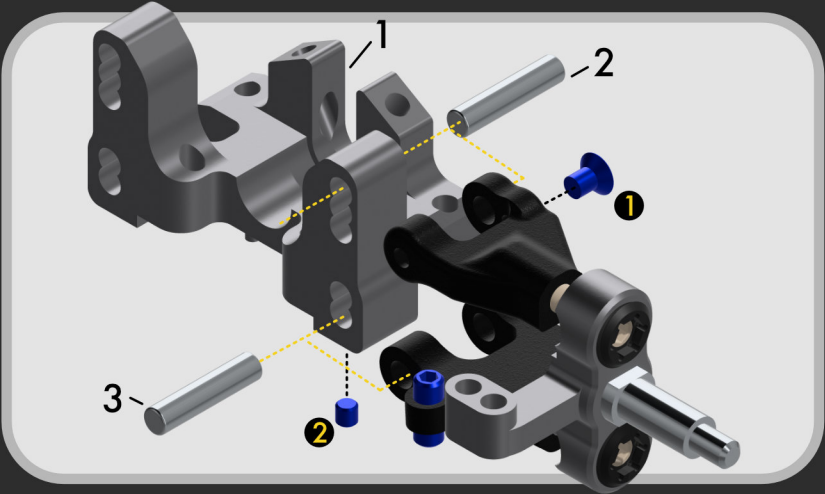
1	CAMBER ADJUSTMENT (STANDARD 2MM)
2	FRONT WIDTH ADJUSTMENT (STANDARD 2.5MM)

BAG 10 - CONTENT

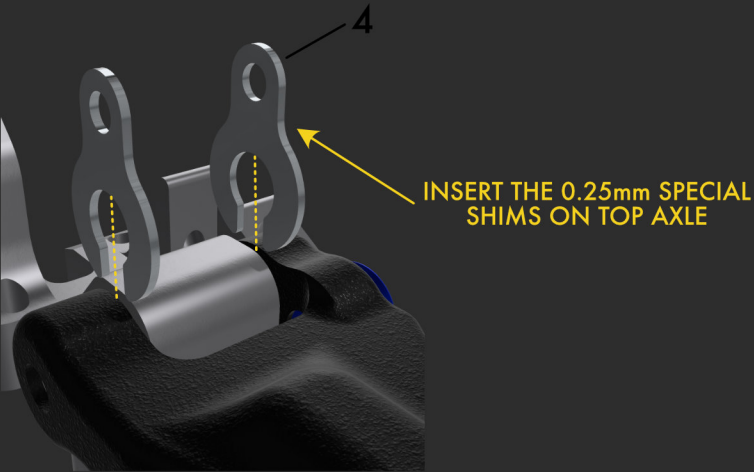
PARTS	1	XB1-013	Knuckle
	2	XB1-004	Arm
	3	XB1-015	Plastic Knuckle Ball Cap
	4	XB1-016	Wheel Axle
	5	XB1-KNK	Knuckle Tool

BOLTS	1	X-SSS-2-5	M2x5mm
	2	X-KSPVB	Knuckle Special Pivot Ball

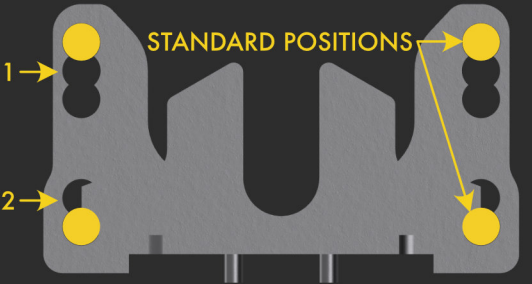
11 - FRONT



11 - ASSEMBLY TIPS

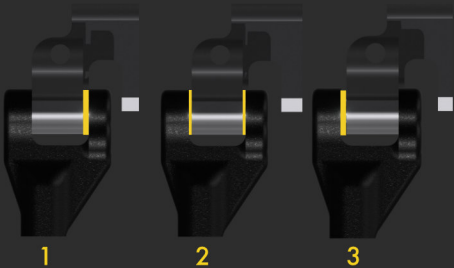


11 - SETUP TIPS



1	CAMBER GAIN ADJUSTMENT
2	ROLL CENTER ADJUSTMENT

CAR FRONT→



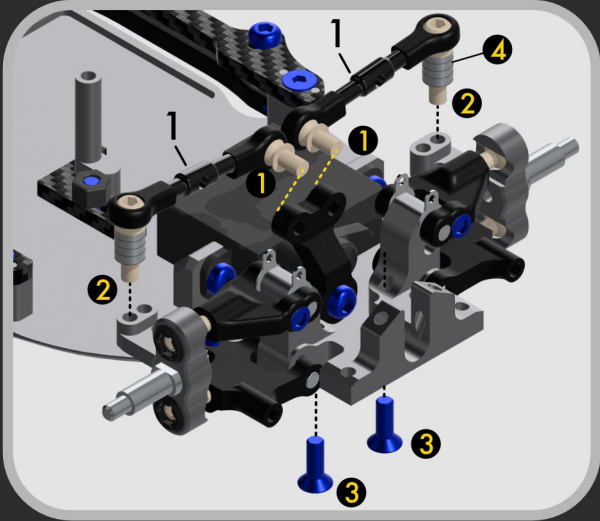
1	0° CASTER
2	STANDARD POSITION (1.5°)
3	3° CASTER

BAG 11 - CONTENT

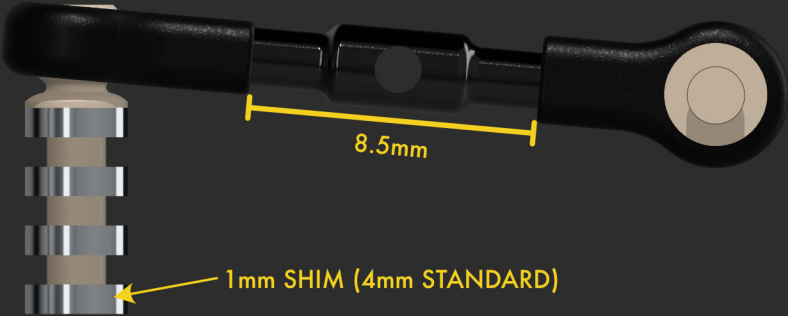
PARTS	1	XB1-003	Front Buckle
	2	XB1-009	9mm Axle
	3	XB1-009.5	9.5mm Axle
	4	XB1-008	0.25mm Caster Plate Shim

BOLTS	1	X-FHS-1.6-2	M1.6x2mm
	2	X-SSS-2-2	M2x2mm

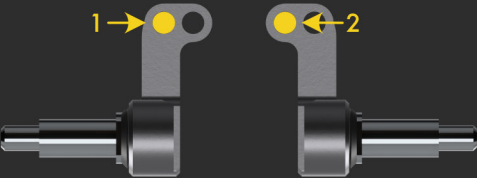
12 - STEERING LINKS



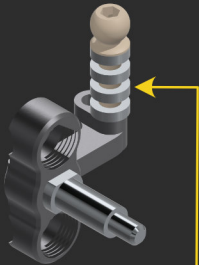
12 - ASSEMBLY TIPS



12 - SETUP TIPS



1	STANDARD POSITION LESS ACKERMANN
2	LESS AGRESSIVE MORE ACKERMANN



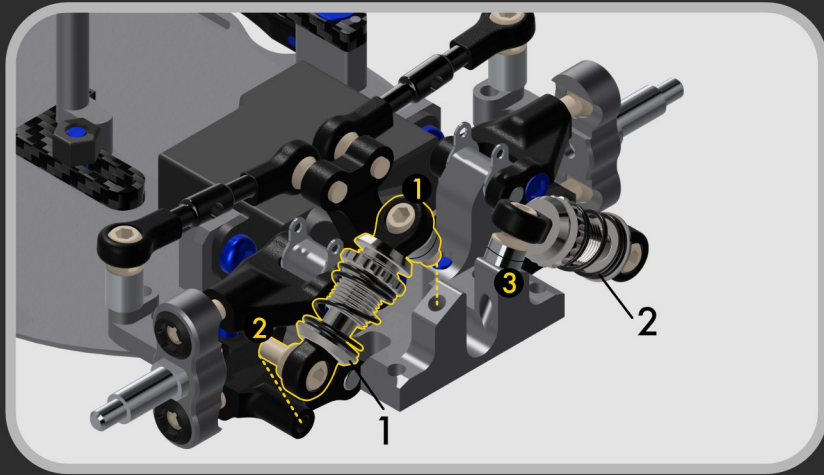
LESS SHIMS, THE CAR BECOMES
MORE RESPONSIVE
IN-CORNER STEERING

BAG 12 - CONTENT

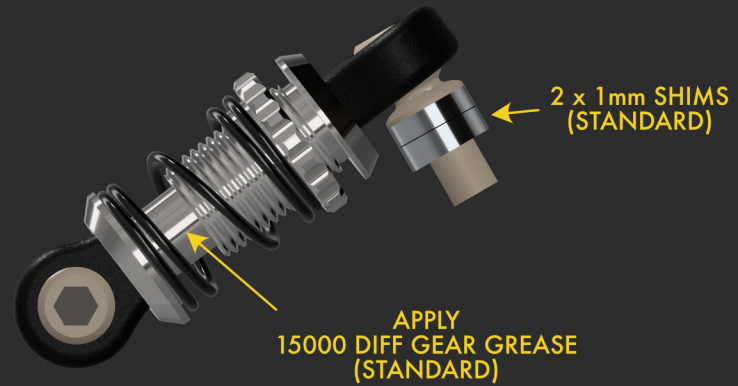
PARTS	1	XB1-019	Servo Link
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BOLTS	1	X-PVB-3	Pivot Ball 3mm
	2	X-PVB-7	Pivot Ball 7mm
	3	X-FHS-2-6	M2x6mm
	4	X-WSH-2-4-1	2x4x1mm Shim

13 - FRONT SHOCKS



13 - ASSEMBLY TIPS



13 - SETUP TIPS

SPRING CHART

1*	EXTRA SOFT	
2*	SOFT	
3	MEDIUM (STANDARD)	
4*	HARD	
5*	EXTRA HARD	

OPTIONAL FRONT SPRINGS*

BAG 13 - CONTENT

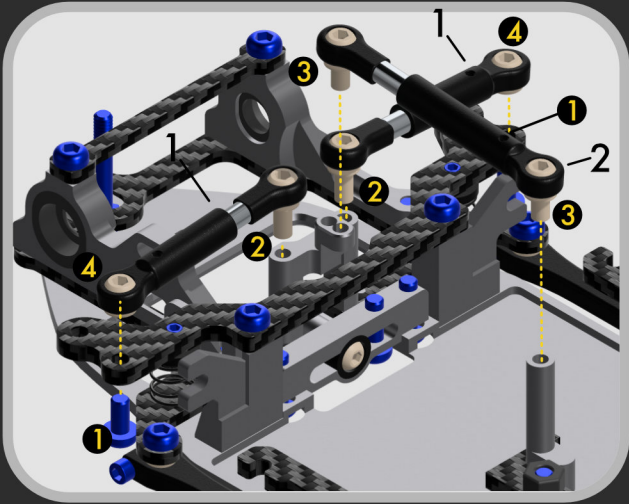
PARTS

1	XB1-017	Front Shock
2	XB1-041-F	Medium Front Spring

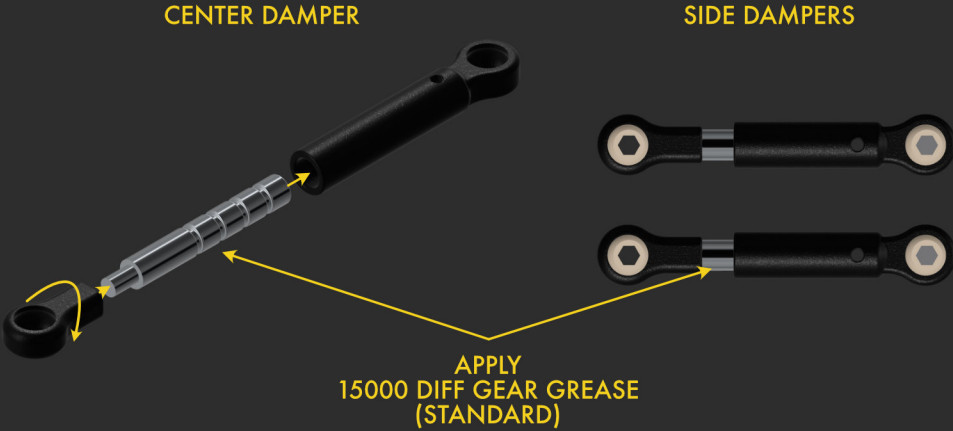
BOLTS

1	X-PVB-4	Pivot Ball 4mm
2	X-PVB-3	Pivot Ball 3mm
3	X-WSH-2-4-1	2x4x1mm Shim

14 - DAMPERS

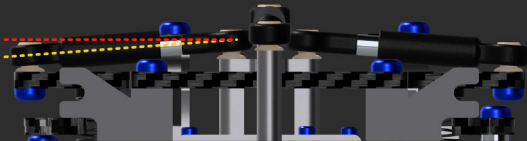


14 - ASSEMBLY TIPS



14 - SETUP TIPS

SIDE DAMPERS



GREASE	HIGH GRIP	USE HARDER GREASE
	LOW GRIP	USE SOFTER GREASE

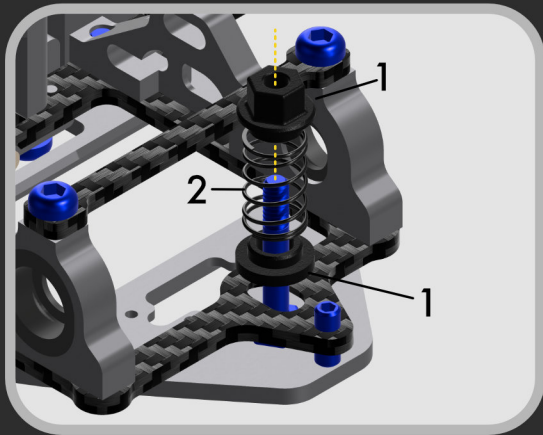
ANGLE	MORE ANGLE	STIFFER FEELING LESS ROLL
	MORE FLAT	SOFTER FEELING MORE ROLL

BAG 14 - CONTENT

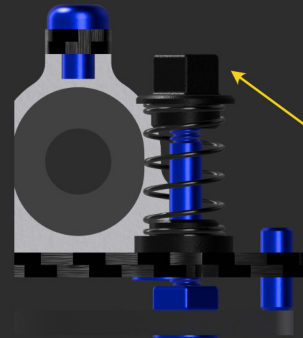
PARTS	1	XB1-037	Side Damper
	2	XB1-066	Center Damper

BOLTS	1	X-RHS-2-4	M2x4mm
	2	X-PVB-4	Pivot Ball 4mm
	3	X-PVB-3	Pivot Ball 3mm
	4	X-PVB-F	Female Pivot Ball

15 - REAR SPRING



15 - SETUP TIPS



TIGHTENING

INCREASES RIDE HEIGHT
REDUCES DROOP

LOOSENING

DECREASES RIDE HEIGHT
INCREASES DROOP

15 - SETUP TIPS

SPRING CHART

1*	EXTRA SOFT	
2*	SOFT	
3	MEDIUM (STANDARD)	
4*	HARD	
5*	EXTRA HARD	

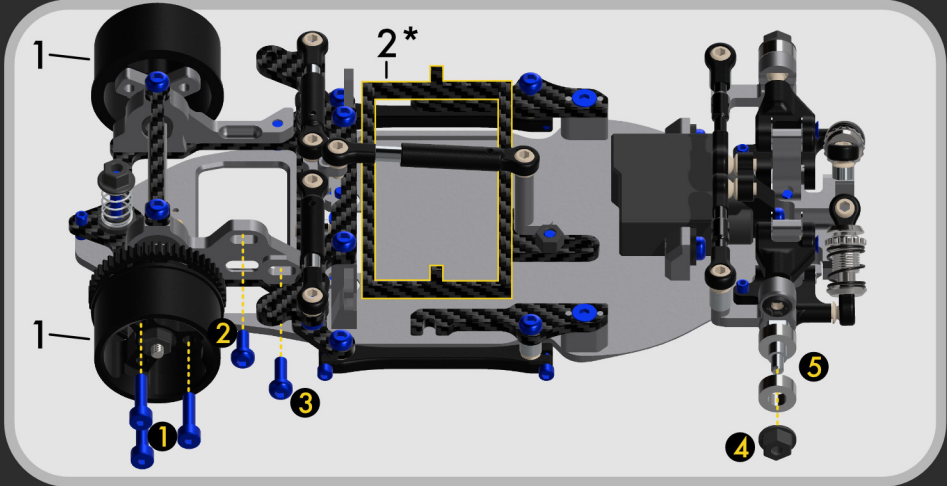
OPTIONAL REAR SPRINGS*

BAG 15 - CONTENT

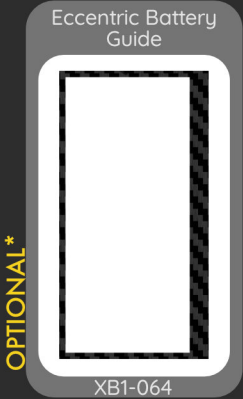
PARTS

1	XB1-052	Rear Shock Guide
2	XB1-041-R	Medium Rear Spring

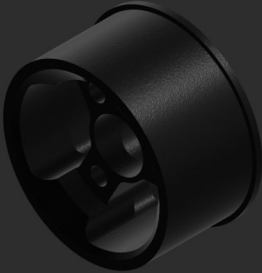
16 - FINAL ASSEMBLY



16 - CONSIDERATIONS



IF YOU USE THE 14MM RIM USE THE SHORTER SCREWS



NEXT PAGE

BAG 16 - CONTENT

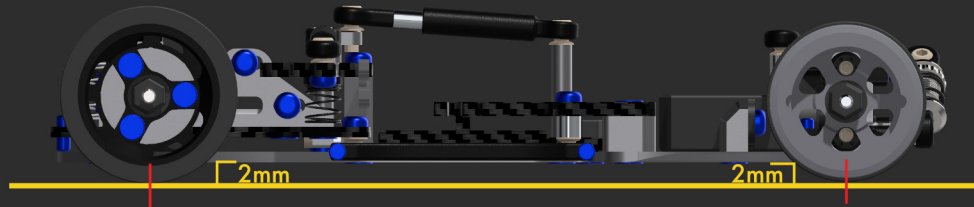
PARTS

1	XB1-061-11+3	11+3 Rear Rim
2	XB1-063	Center Battery Support

BOLTS

1	X-SHS-2-8	M2x8mm
2	X-RHS-2-5	M2x5mm
3	X-RHS-2-6	M2x6mm
4	X-LN-2	M2 Nut
5	X-RDB-3-6-2.5	3x6x2.5mm Bearing
6	X-SHS-2-5	M2x5mm

SETUP CONSIDERATIONS



HEIGHT MEASURES:

PLEASE MAKE SURE YOU
MAKE THE READING BELOW
THE REAR AND FRONT WHEEL AXLE



OUR LINKS