Do you want MORE ? We give you PLUS !!

The E4RS III had just finished its first outdoor season and we already provide him some PLUSSES !
Indeed, after the multiple places in ETS A-finale obtained by Patrick Gassauer and Léo Arnold, and the Netherlands national title obtained by Rob Janssen, the E4RS III receive this autumn a small update:
+++ steering +++ corner speed +++ predictable handling +++ success and victories! The E4RS III Plus is... a bit +++ than our E4RS III !
The E4RS III+ is an update of the E4RS III, which already obtained numerous succeses since its release many months ago. The modifications are made to increase the precision of the car, to improve its corner speed and principally to increase his steering angle.
The E4RS III and E4RS III+ have been created was designed hand-in-hand with our drivers, mostly in France, Switzerland and Germany with the unique purpose to provide you an ultra performing out-of-box RC car !

General Building Tips:

- Read the instruction manual before building.
- Clear a work area and try to work on a light color towel to avoid missing dropped parts.
- Don't forge the thread lock. Be certain to use thread-lock on all the machine screws that thread into metal. Put it on the screws that are secured with locknuts and the setscrews that secure the linkage stops, too. Don't skimp on the thread-lock or you'll be searching in the dirt for screws that vibrated loose.
- Don't over-tighten fasteners. Many assembly problems are caused by over-tightening screws or nuts. Don't use too large a grip. Please go slowly and feel the resistance build. Just snug it up.
- As you put more time and runs on the car, the suspension arms, and basically anything else that moves, can stretch and wear. Though we have a very rigorous quality control program and make every effort to ensure that the parts have the best possible fit when you get them. Unfortunately there is very little, or nothing we can do to prevent these parts from wearing out. When the arms begin to wear you will notice that some slop develops between the carrier or hub and the arms. This slop can be taken out by shimming the arm, hub or carrier. If you take a look at any of the factory driver's cars you will definitely find that they use shims to take up some of the slop that occurs over a period of time. The shims can also be used on the inside of the suspension arms in the same manner. When shimming the parts, care must be taken not to add too many shims. The parts must still move freely without binding.
- When it doesn't fit, please double check. If an assembly is not going together correctly, then either there really is a bad fit (e.g. a part is damaged or defective) or a mistake in assembly. Always re-read the instructions when there are any problems. If you cannot figure out what's wrong, always ask dealer, distributor or Team Magic. Don't use force beyond what the instructions call for.
- Using the right tools makes assembly much easier. The instructions below finely indicate you what tools to get to make things easier. We don't want to scare you by saying that all these tools are required, but you will have an easier time if you have them. Borrow them from a friend to check if necessary.
- The assembly is arranged so that you will open the bag and finish that bag before you go on to the next bag. Sometimes, you will have parts remaining at the end of a bag. These will become part of the following bags.

A Good Dealer Is Extremely Important!!

A good hobby dealer can help you with most assembly problems you might encounter. This is the main reason why you should buy your kits from a good dealer rather than from the cheapest dealer. Bring your problematic parts to the dealer and, most likely, you'll walk away soon thereafter with the problem solved. If you think that you really don't have the mechanical skills to complete the assembly, you may pay your dealer to finish the job for you. We can recommend good dealers to you if you need. Please send us mails for more information. Email: service@teammagic.com.tw

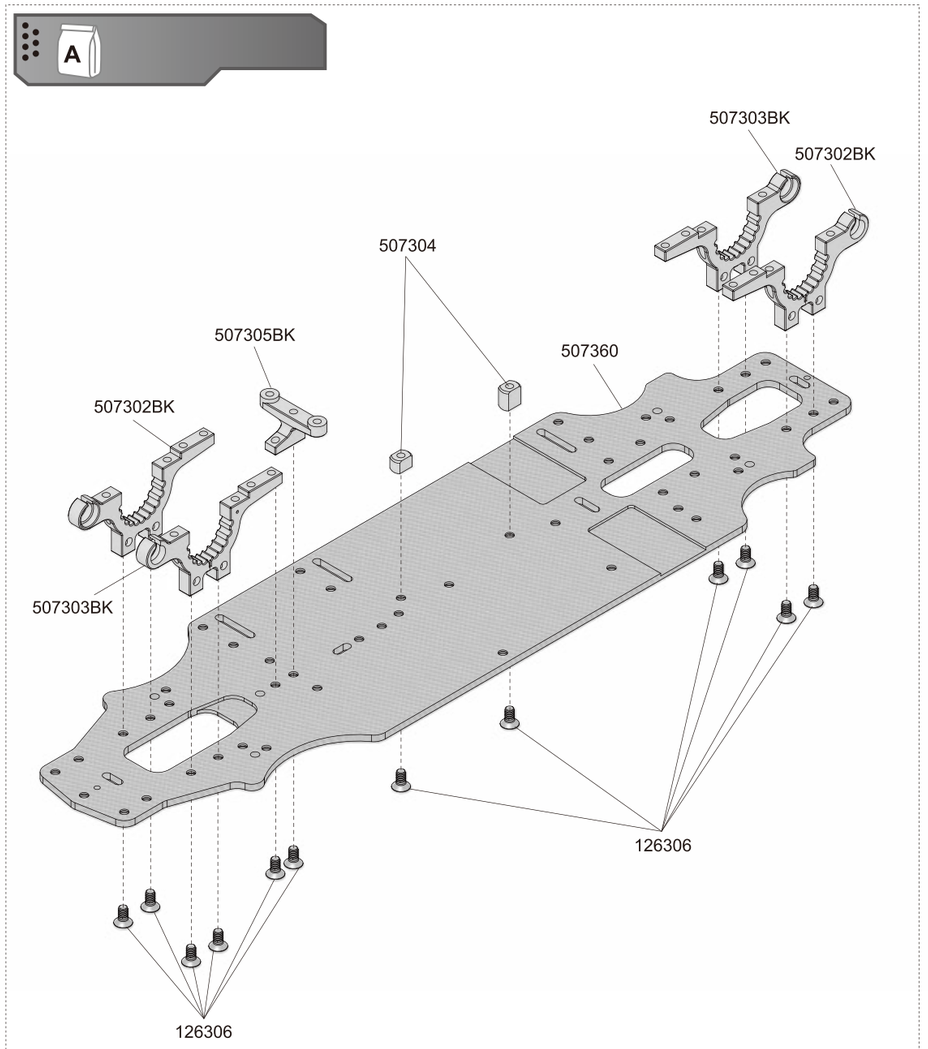
116203
E-clip 5

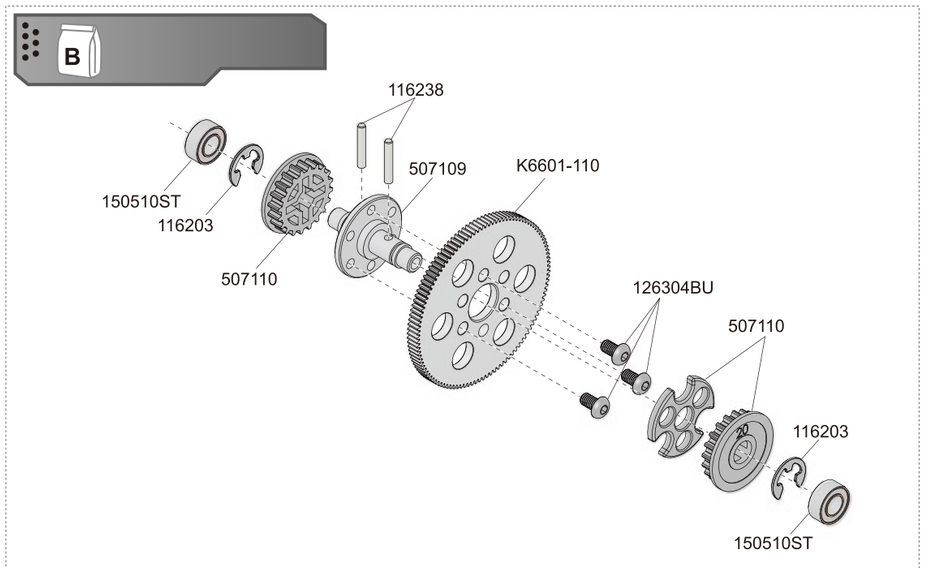
116238
2x12.8mm Pin

126304BU
M3X5mm BH Screw

126306
3x6mm Steel FH Screw

150510ST
5x10x4mm Steel Bearing





116228
2x9.0mm Pin

126304BU
M3X4mm BH Screw

126308
3x8mm Steel Flat
Head Screw

126312C
3X12mm CAP Screw

130129
5.2x12x0.2mm Shim

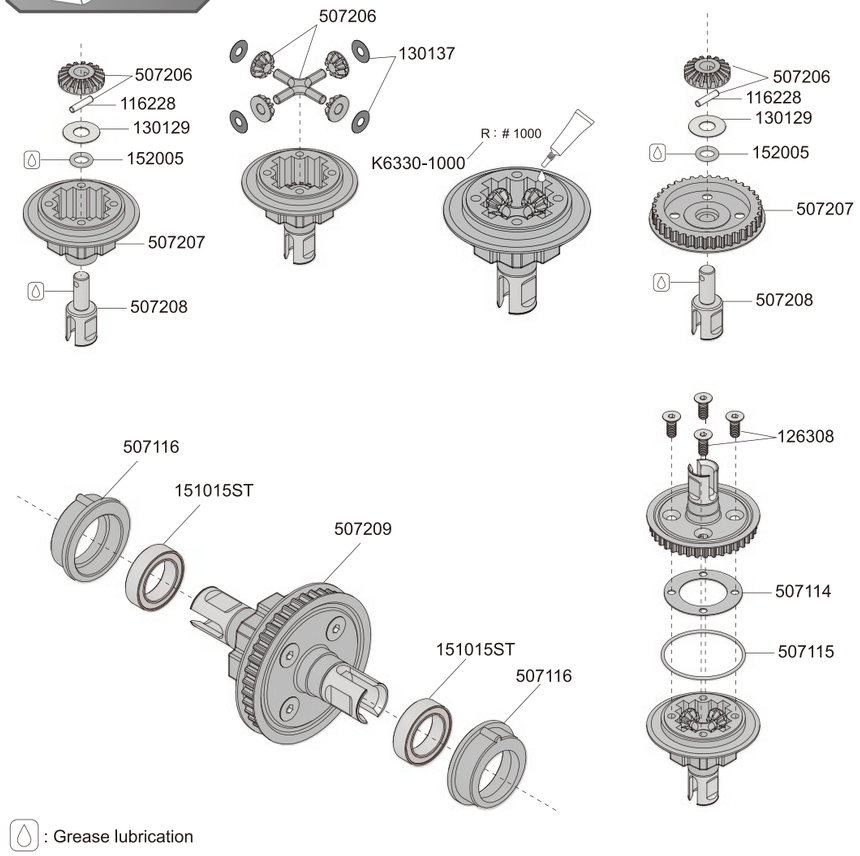
130137
3.1x8x0.3mm Washer

151015ST
10x15x4mm Steel
Bearing

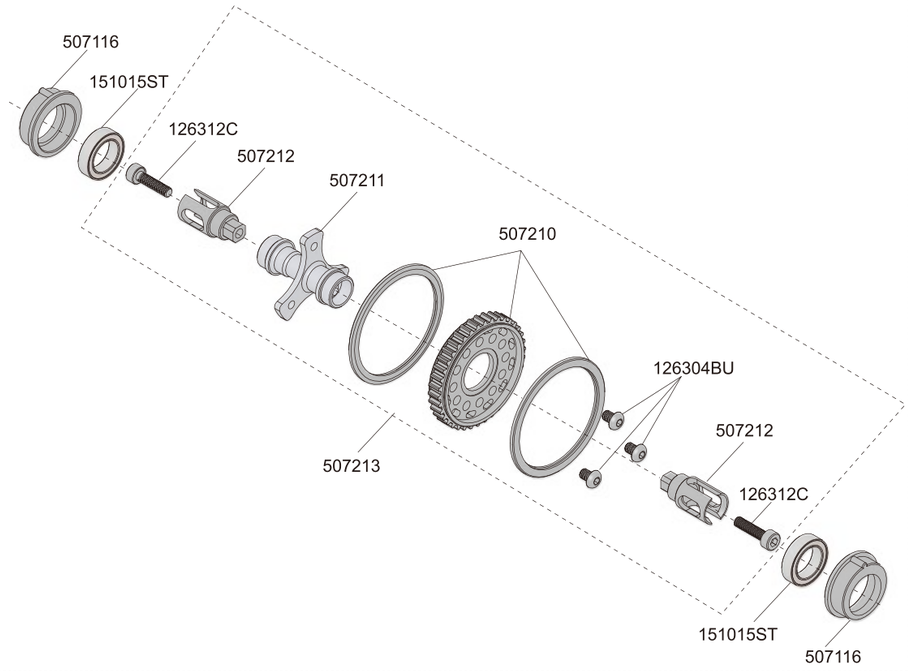
152005
4.7x1.42 O-RING

C

Rear



Front



130114
3X6X1mm Washer

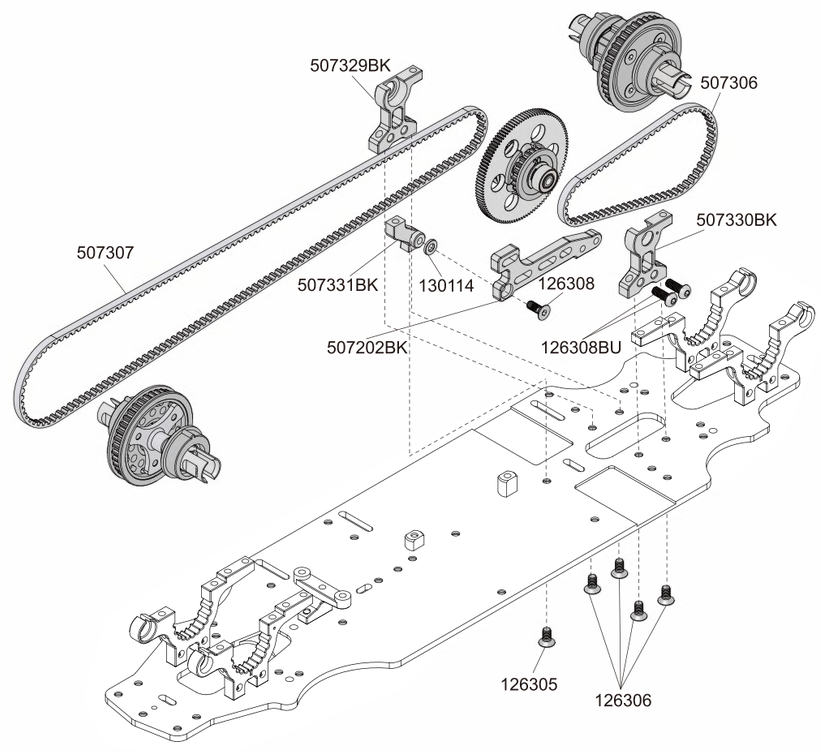
126305
3x5mm Steel FH
Screw

126306
3x6mm Steel F.H.
Screw

126308
3x8mm Steel F.H.
Screw

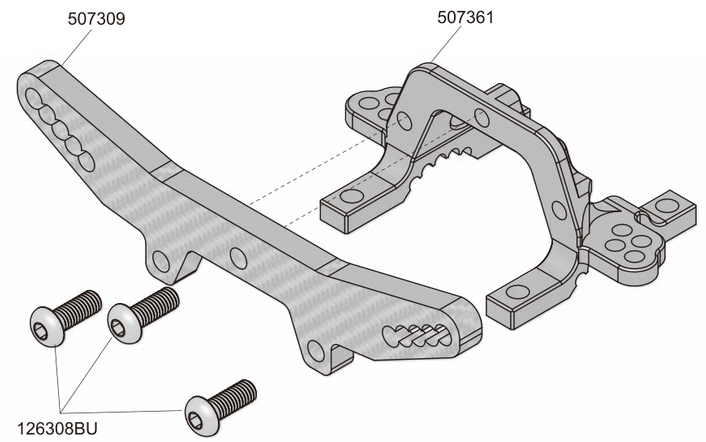
126308BU
3X8mm Button
Head Screw

D



E

Front



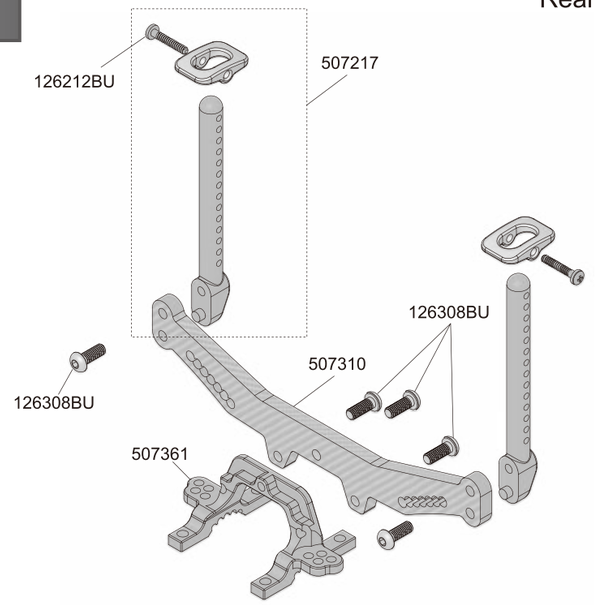
126212BU
2X12mm BH Screw

126306BU
3x6mm Button
Head Screw

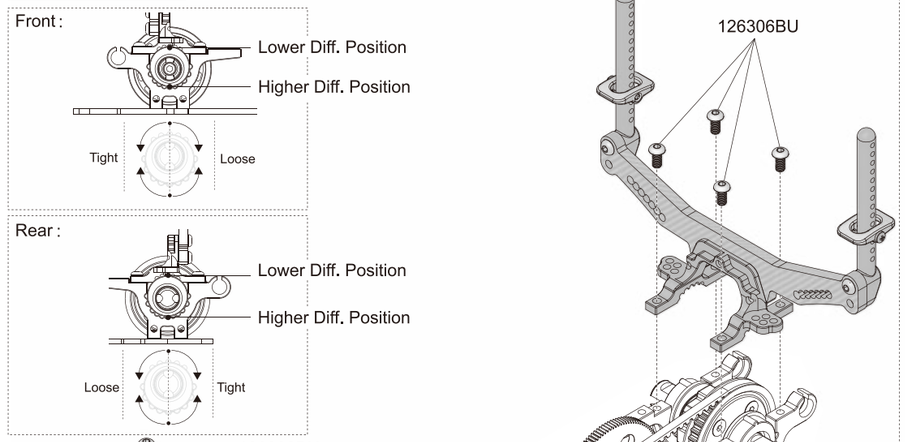
126308BU
3x8mm Steel Button
Head Screw

E

Rear



E



126306BU
3x8mm Steel Button
Head Screw

126312BU
3x12mm Steel Button
Head Screw

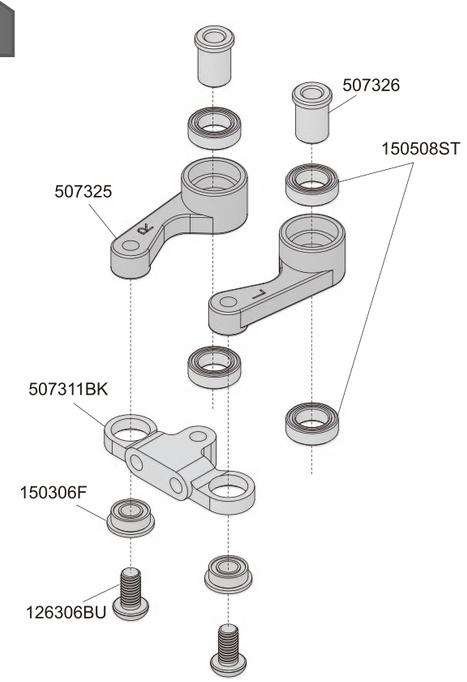
150306F
3x6x2.5mm Flanged
Bearing

150508ST
5x8x2.5mm Steel
Bearing

503117BK
5x4mm Ball Stud

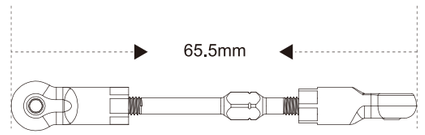
503127BK
5x10mm Ball Stud

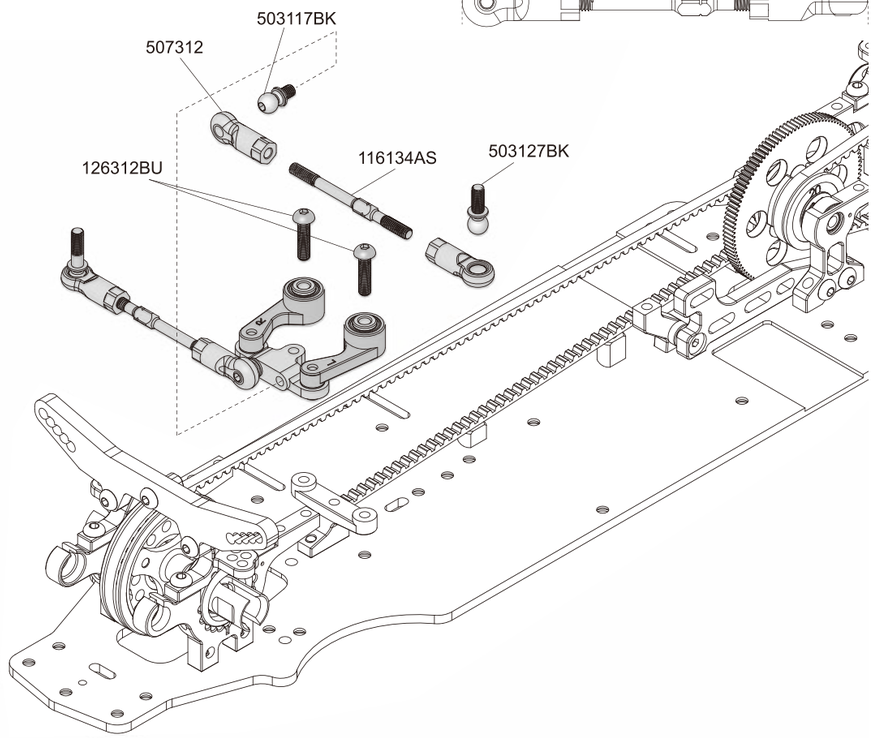
F



F

Front





126204BU
2x4mm Steel Button Head Screw

126307
3x7mm Steel FH Screw

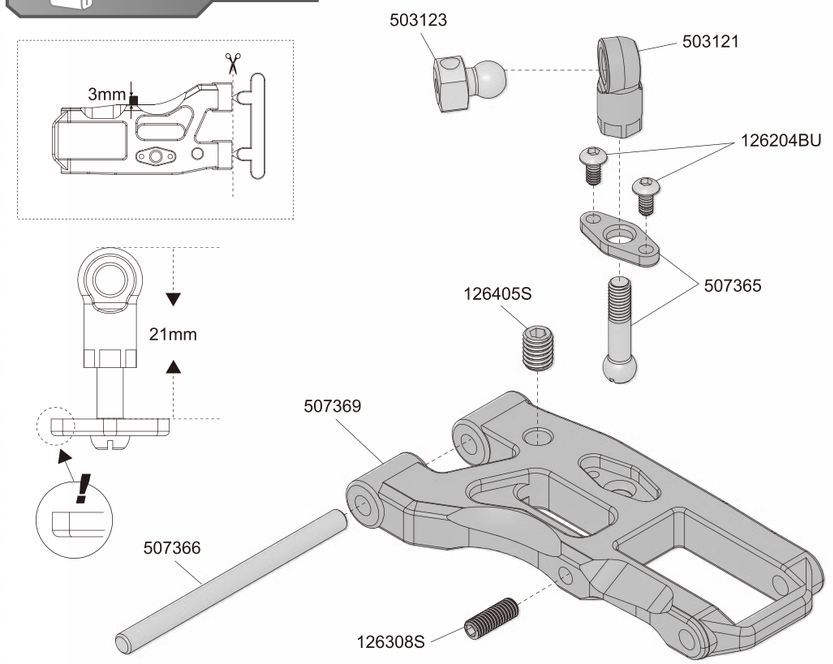
126308S
M3X8mm Set

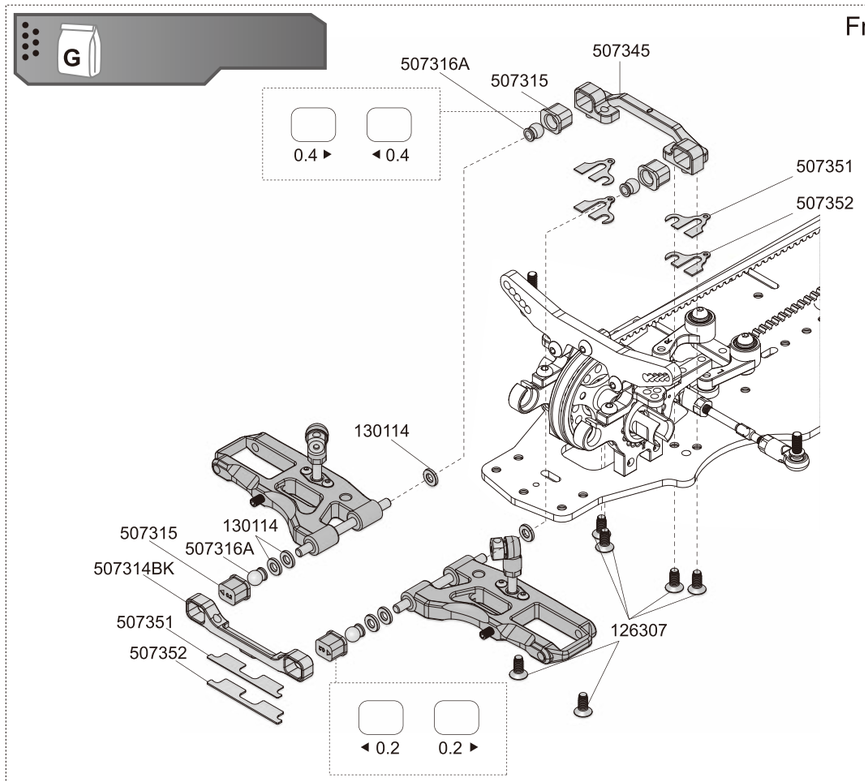
126405S
M4x5mm Set Screw

130114
3X6X1mm Washer

G

Front





126307
3x7mm Steel FH Screw

126310S
M3X10mm Set

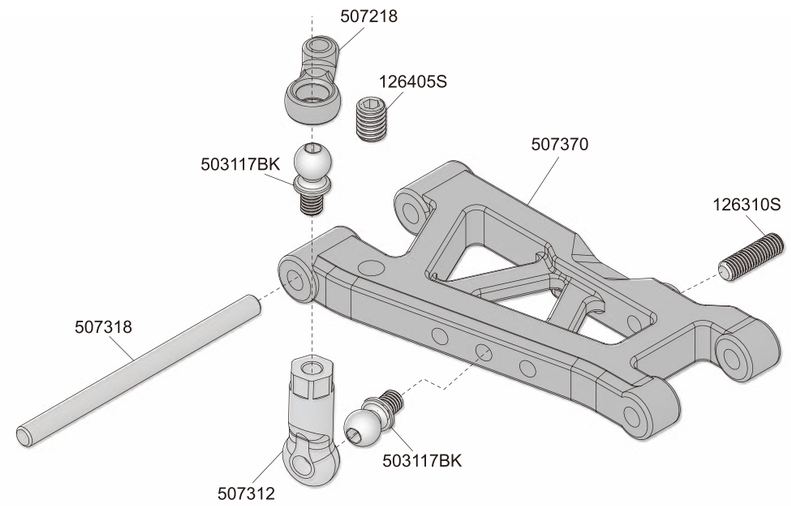
126405S
M4x5mm Set Screw

130114
3X6X1mm Washer

503117BK
5x4mm Ball Stud

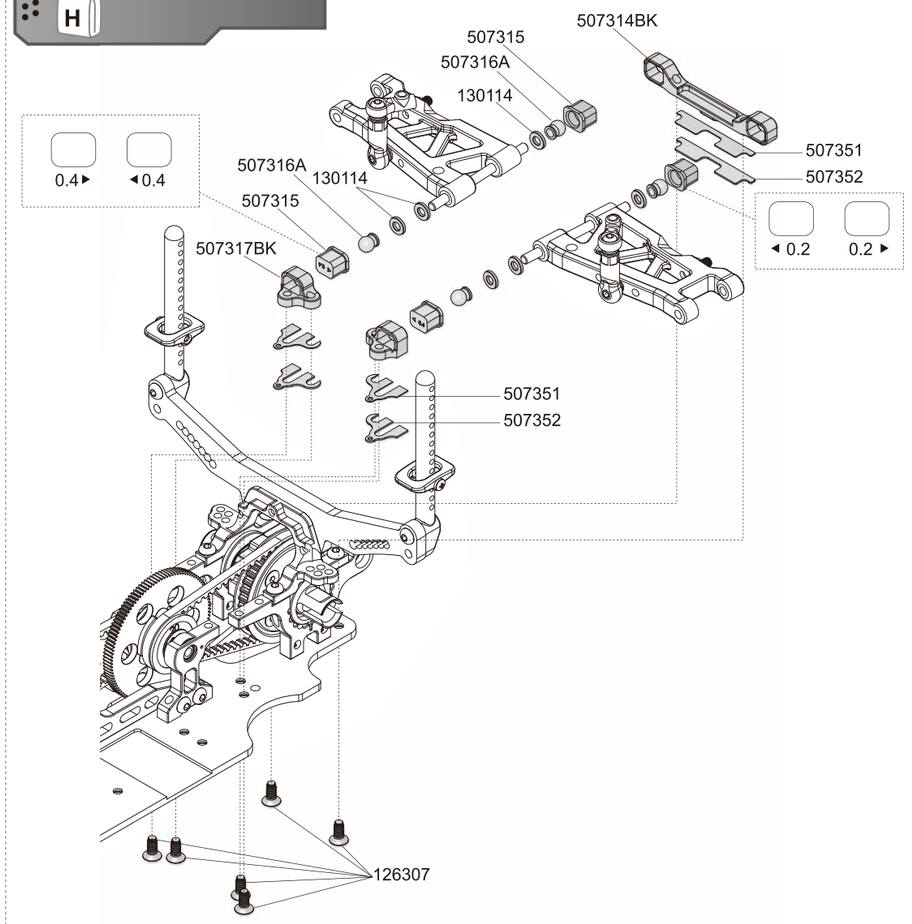
H

Rear



H

Rear



111165
3mm Flanged Nut

116240
2x9.8mm Pin

126206C
2x6mm Cap Screw

126303S
3x3mm Set Screw

126310BU
3x10mm Button Head Screw

130114
3X6X1mm Washer

150510ST
5x10x4mm Steel Bearing

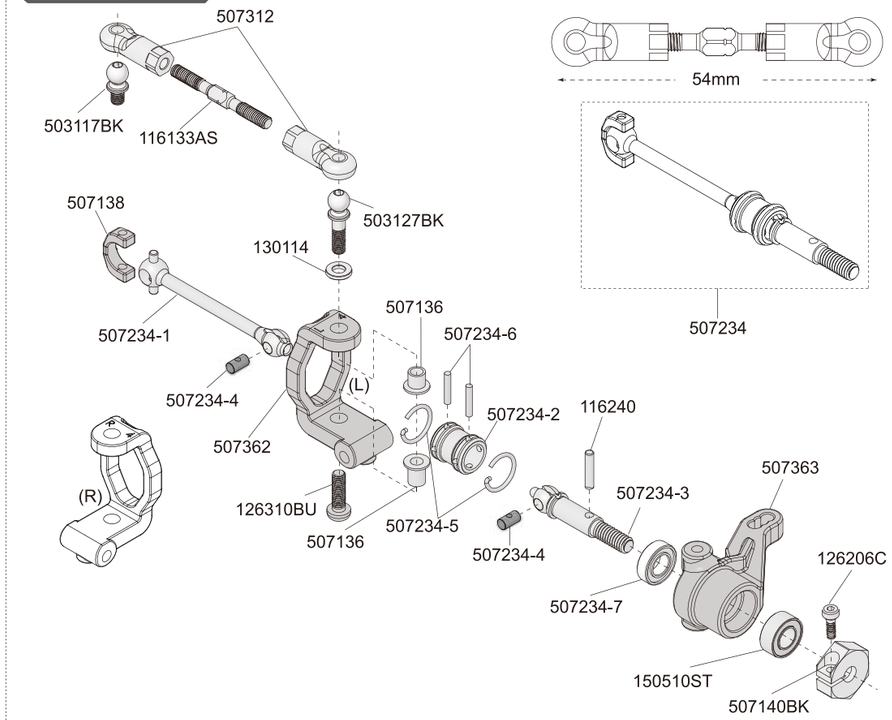
503117BK
5x4mm Ball Stud

503127BK
Steering Block
5x10mm Ball Stud

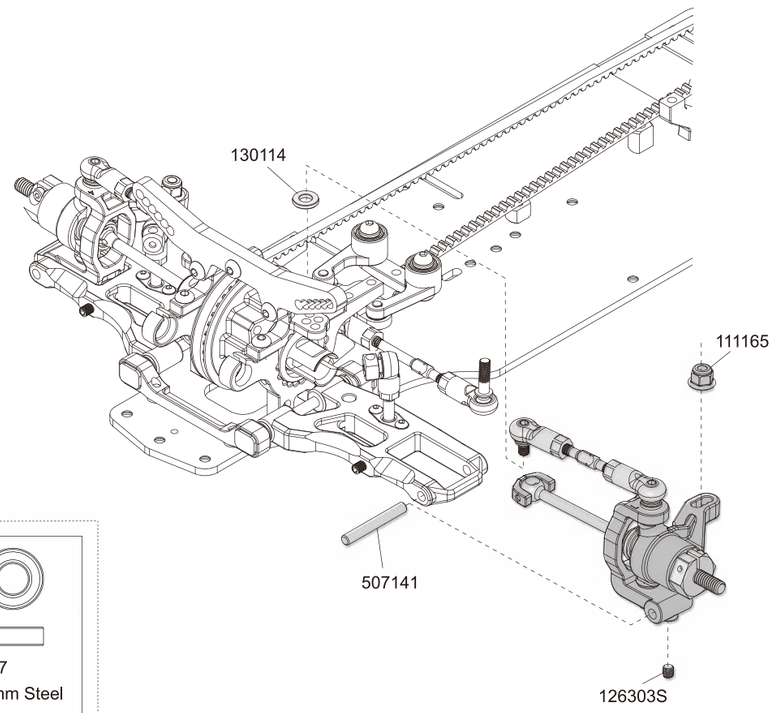
507234-6
1.5x8.5mm Pin

507234-7
5x10x3mm Steel Bearing

I Front



I Front



116219
3x6x2mm Alum. Washer

116240
2x9.8mm Pin

126206C
2x6mm Cap Screw

126304S
3x4mm Set Screw

130114
3X6X1mm Washer

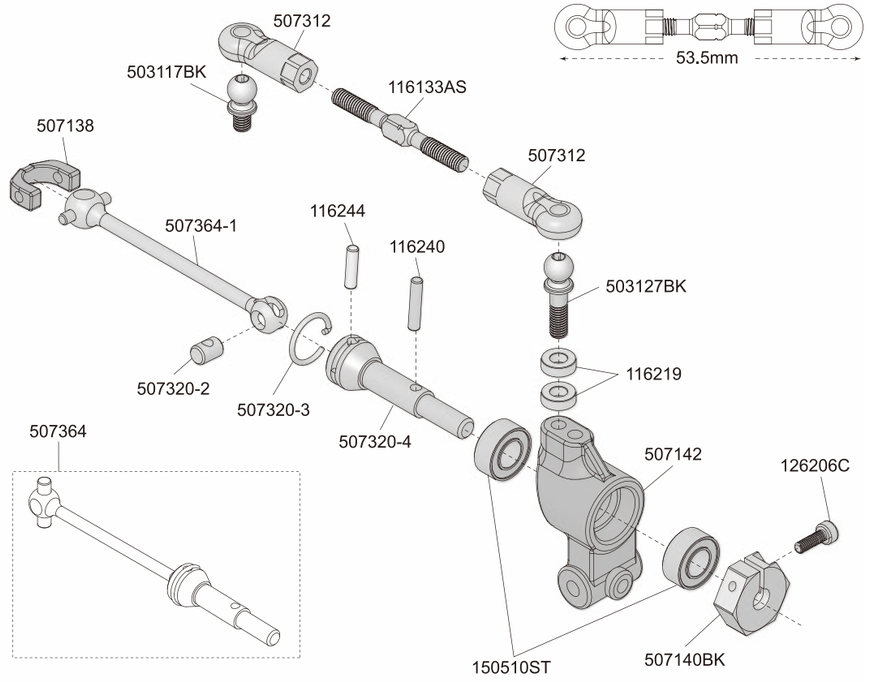
150510ST
5x10x4mm Steel Bearing

503117BK
5x4mm Ball Stud

503127BK
Steering Block
5x10mm Ball Stud

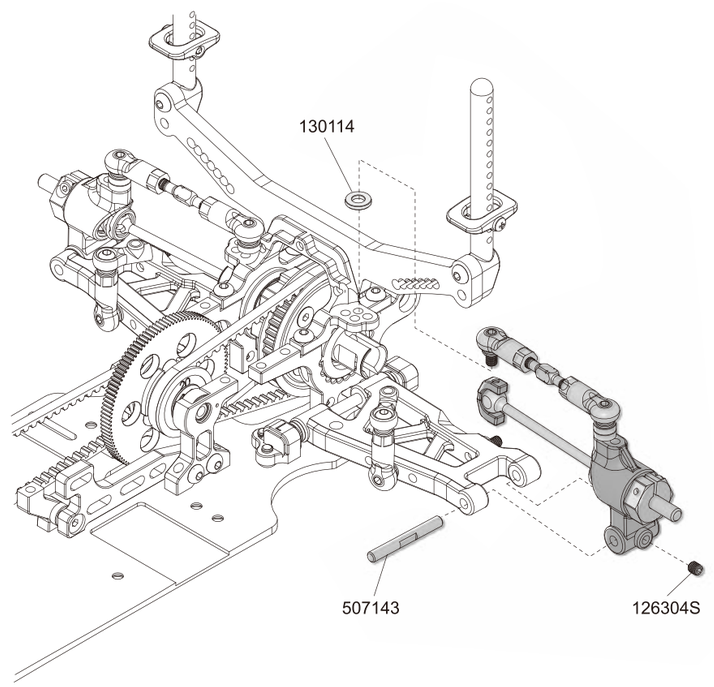
116244
2x7.8mm Pin

J Rear





J Rear



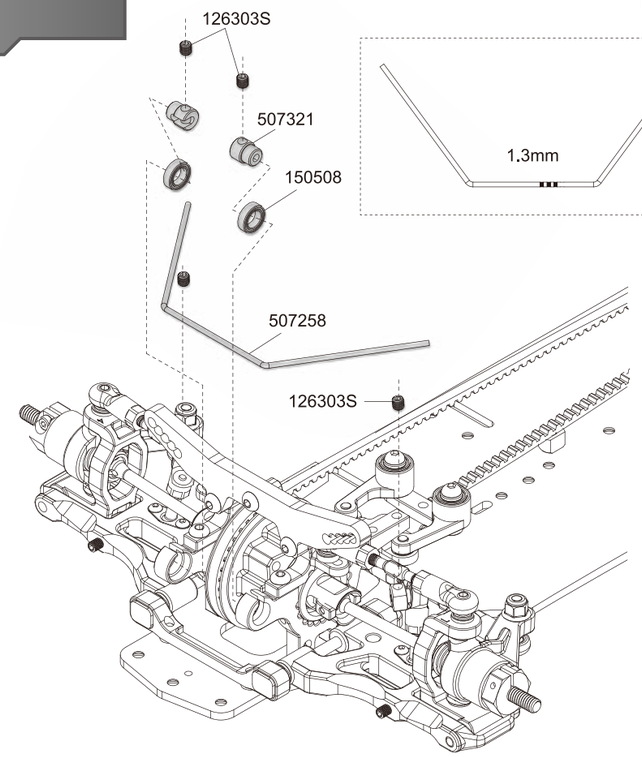
126303S
3x3mm Set Screw

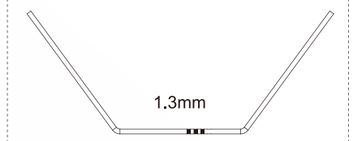
126304S
3x4mm Set Screw

150508
5x8x2.5mm Bearing

K

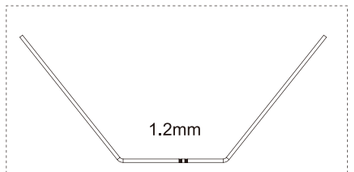
Front

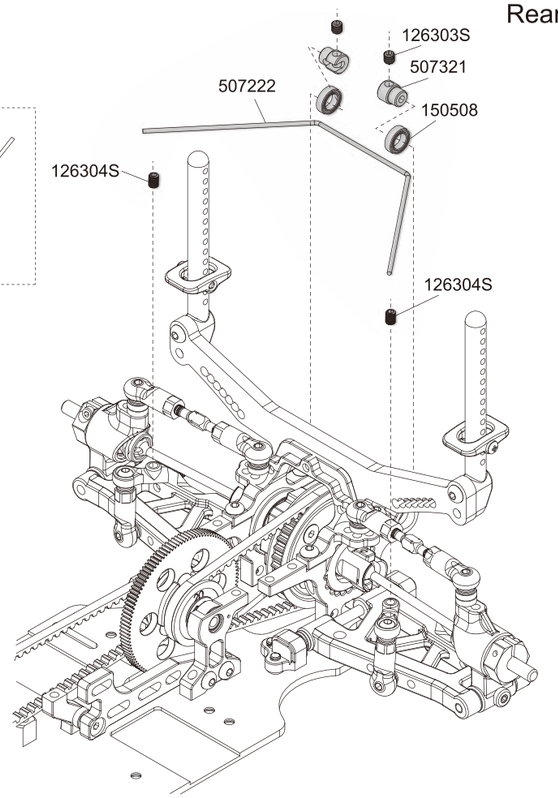




K

Rear





116219
3x6x2mm Alum.
Washer

126306
3x6mm Steel FH
Screw

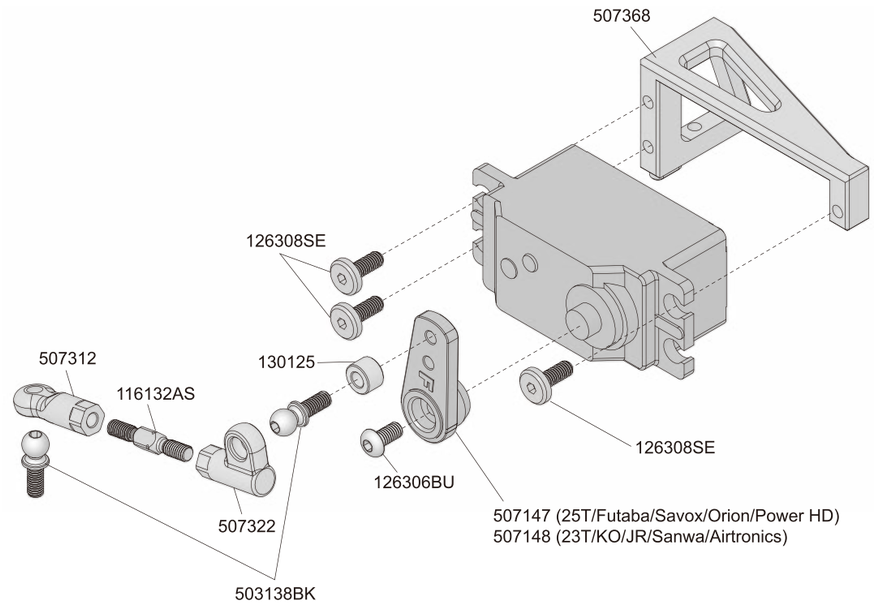
126306BU
3x6mm Steel Button
Head Screw

126308SE
3x8mm Steel Flat
Round Servo Mount
Screw

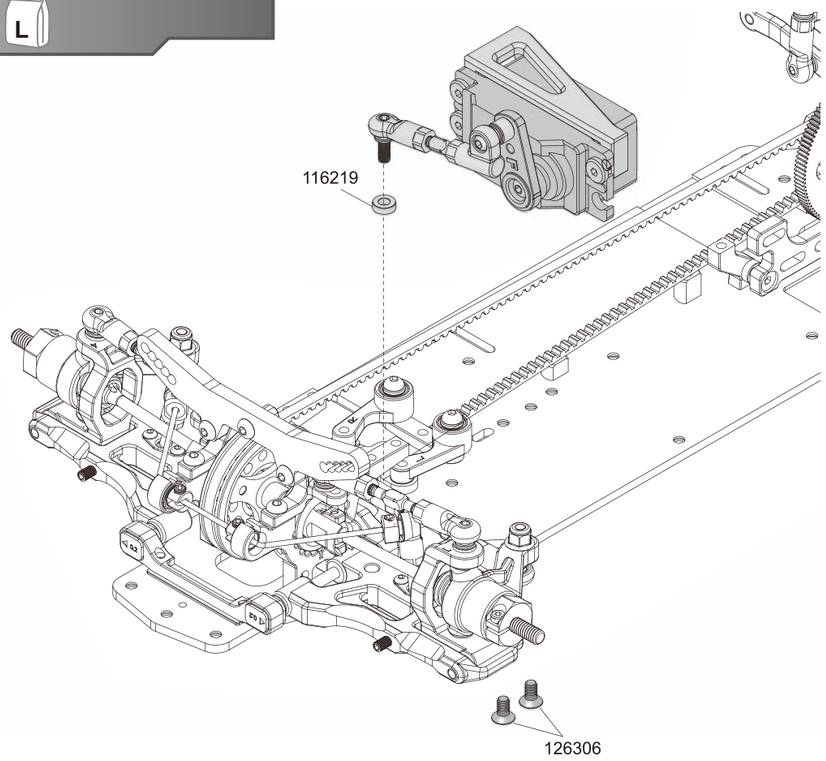
130125
3x6x4mm Alum.
Washer

503138BK
5x7mm Ball Stud

L



L

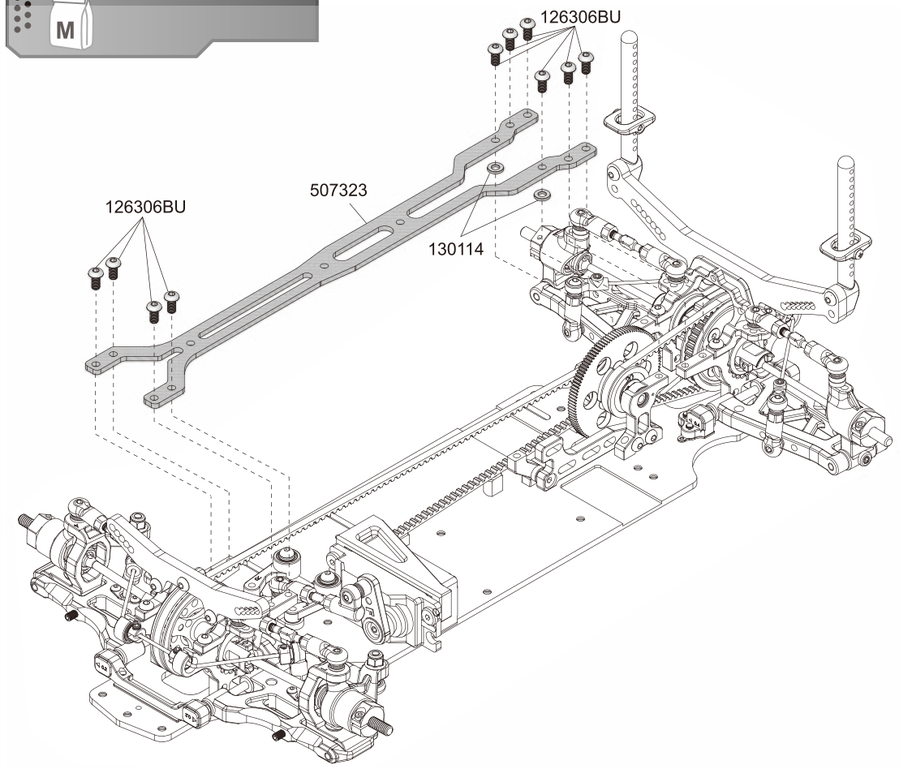


126306
3x6mm Steel FH
Screw

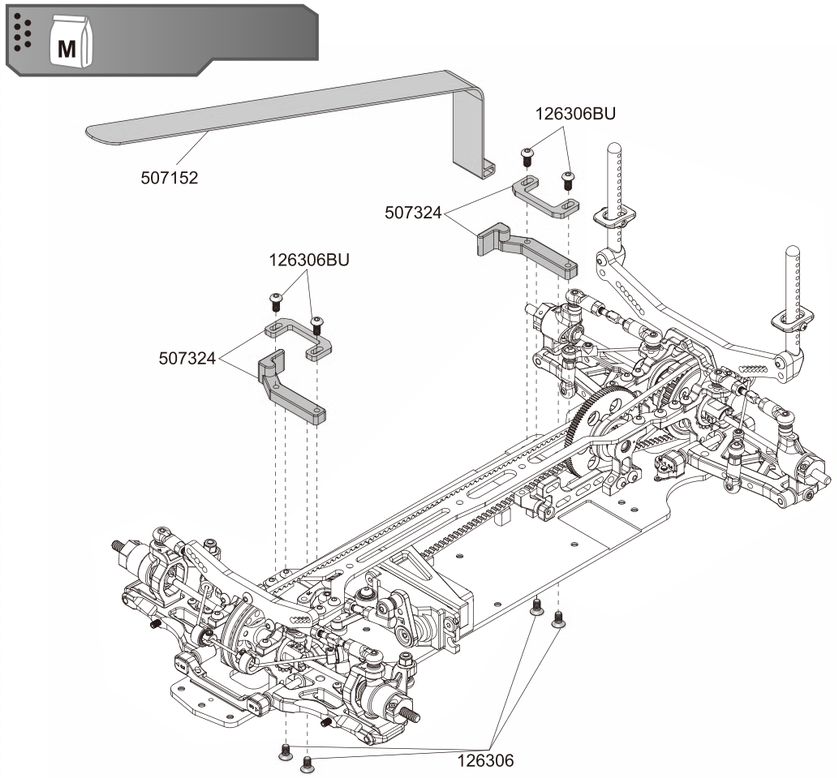
126306BU
3x6mm Steel Button
Head Screw

130114
3X6X1mm Washer

M



M



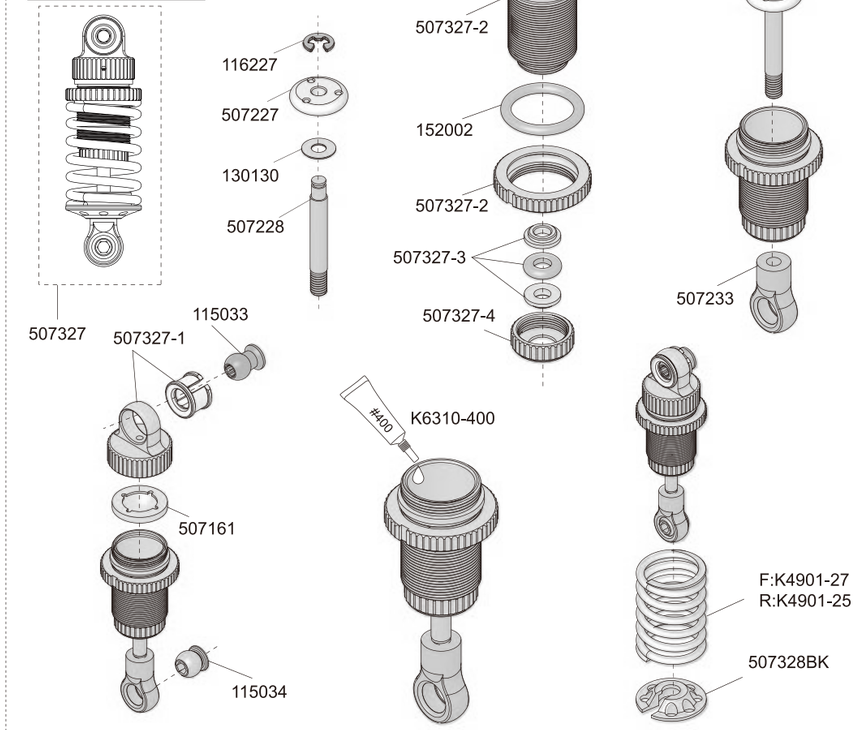
116219
3x6x2mm Alum.
Washer

116227
E-clip 2.0

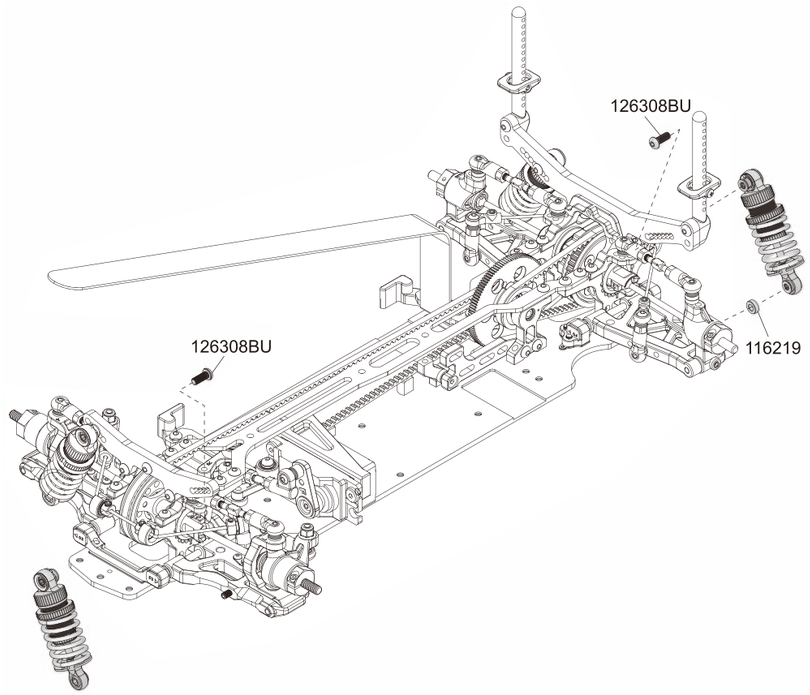
126308BU
3x8mm Steel Button
Head Screw

130130
2.6X6X0.3mm
Washer

N



N



111007ST
3mm Steel Locknut

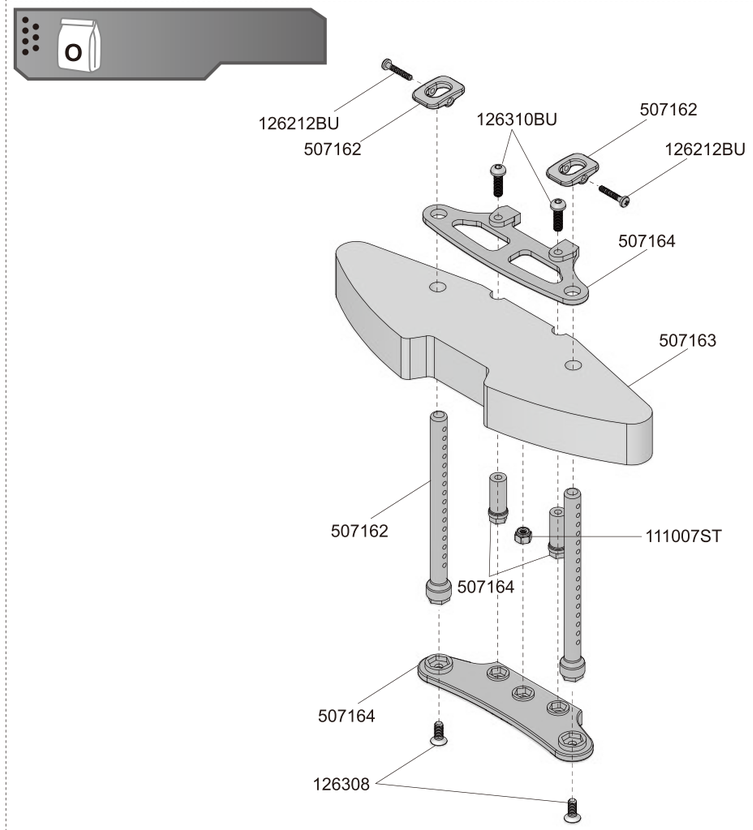
126212BU
2X12mm BH Screw

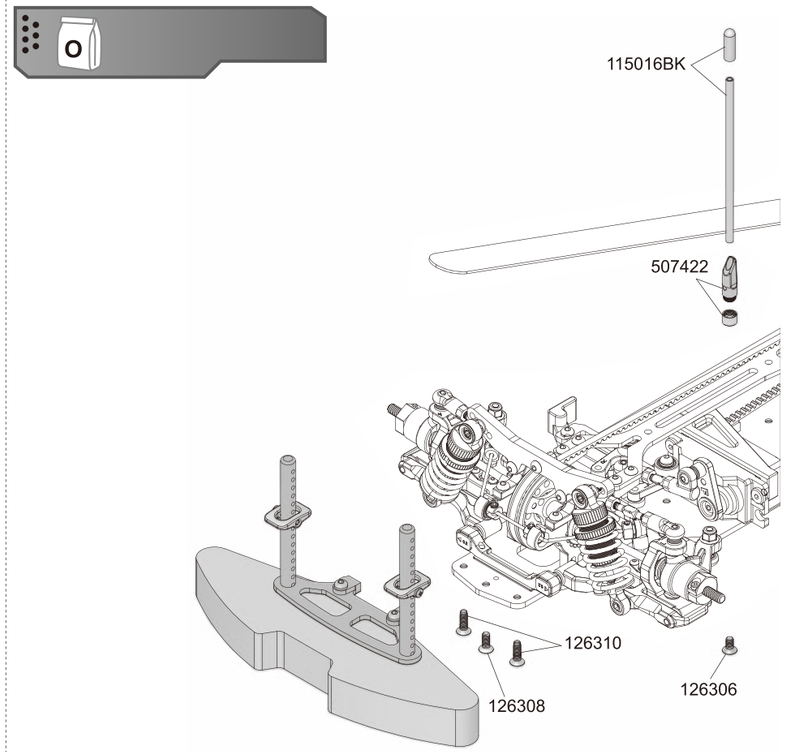
126306
3x6mm Steel FH Screw

126308
3x8mm Steel F.H. Screw

126310
3x10mm Steel FH Screw

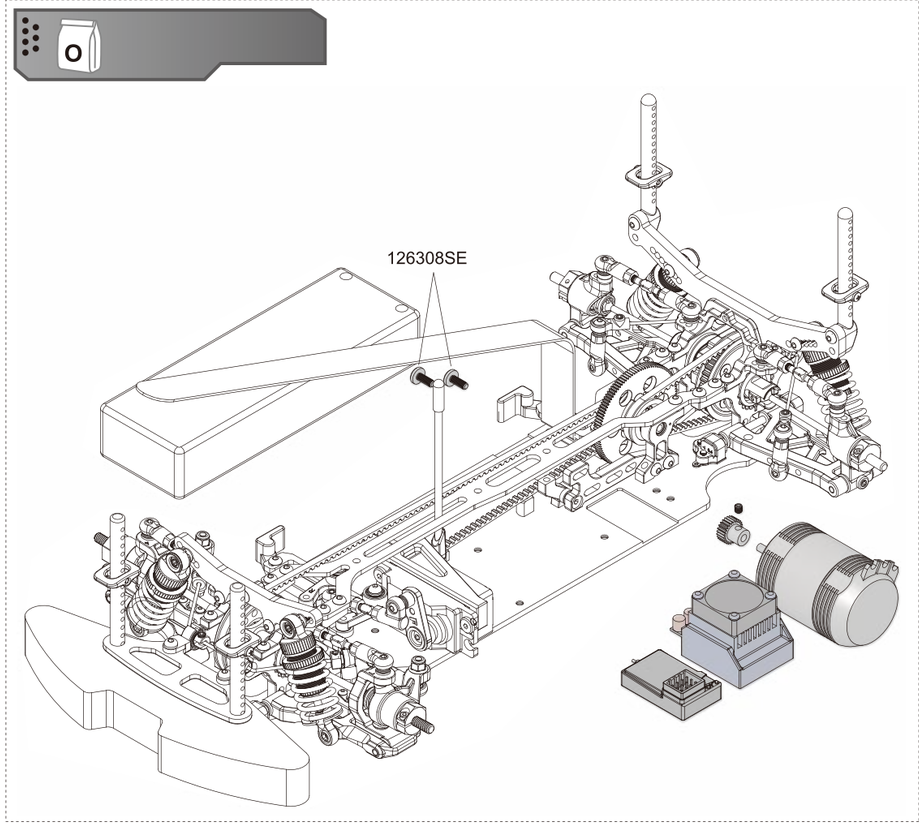
126310BU
3x10mm Button Head Screw

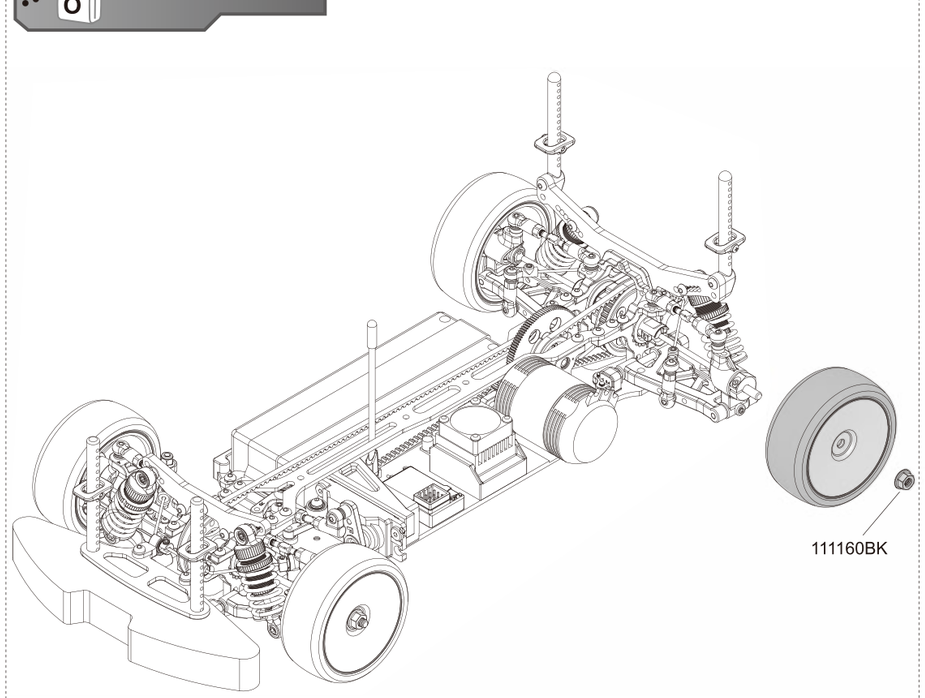




111160BK
4mm Special Wheel Lock Nut-Black

126308SE
3x8mm Steel Flat Head Screw





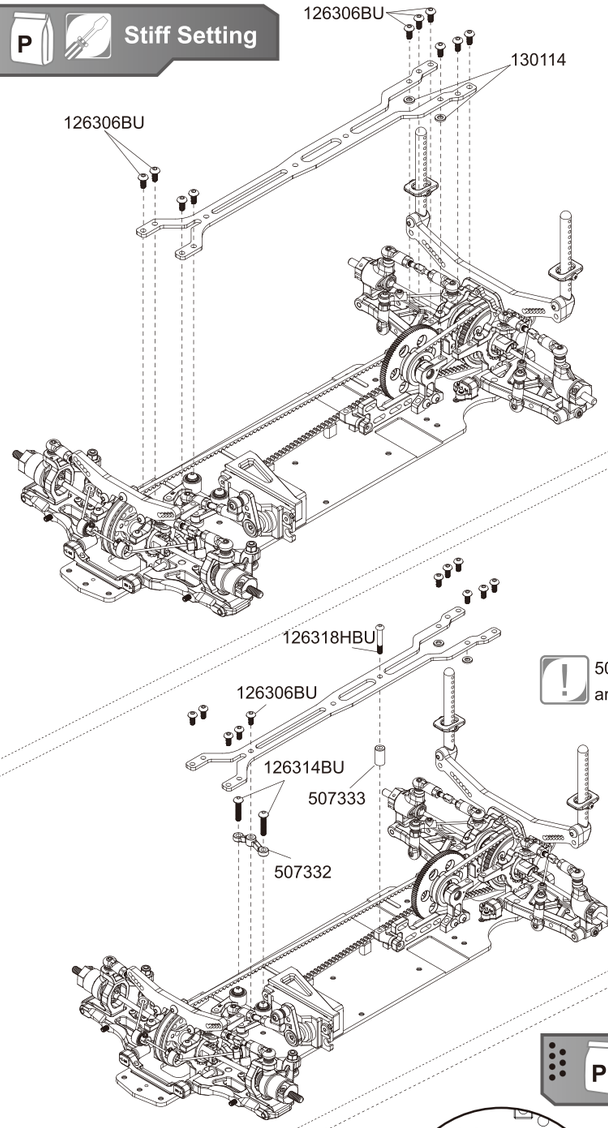
126314BU
3x14mm Steel Button Head Screw

126306BU
3x6mm Steel FH Screw

126318HBU
3x18mm Steel Button Head Screw

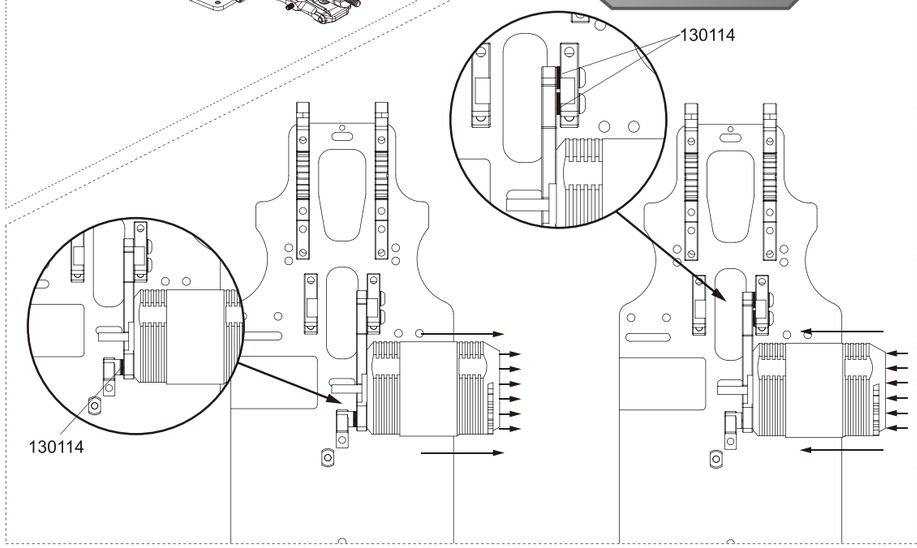
130114
3X6X1mm Washer

Stiff Setting



507332 and 507333 are optional parts for flex setting

Motor Position Setting



E4RS III+ SETUP SHEET

Date: _____ Driver: _____

Event: _____ Track: _____

TRACK CONDITIONS

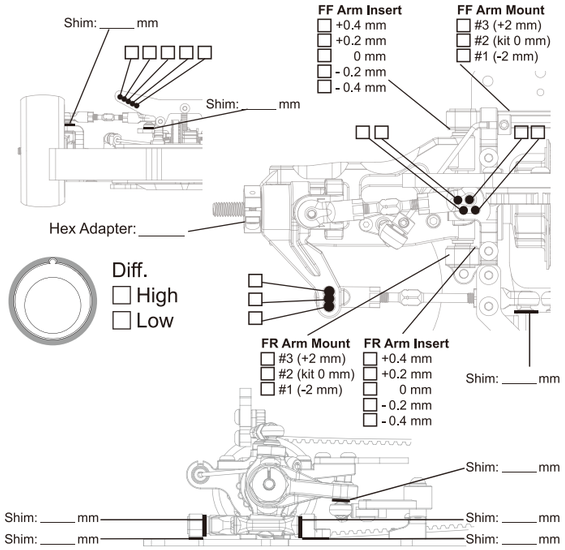
Type : ☐ Carpet ☐ Asphalt
Size: ☐ Open ☐ Med. ☐ Tight
Place : ☐ Indoor ☐ Outdoor
Traction: ☐ High ☐ Med. ☐ Low
Surface: ☐ Smooth ☐ Med. ☐ Bumpy
Track Temp/Air Temp: ____° / ____°
Note: _____

FRONT SUSPENSION

Track Width: ____ mm
Toe Angle: ____ °
Caster: ____ °
Camber: ____ °
Ride Height: ____ mm
Down Stop: ____ mm

☐ Gear Diff ____ wt
☐ One Way
☐ Spool

Anti-Roll Bar: ∅ ____ mm

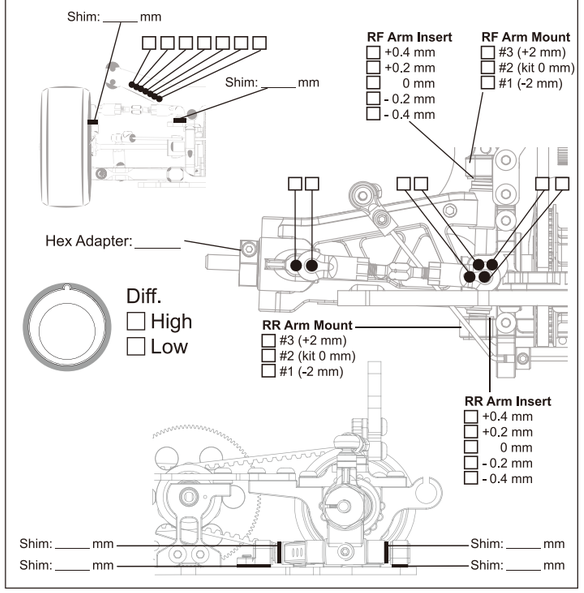


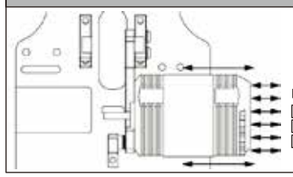
REAR SUSPENSION

Track Width: ____ mm
Toe Angle: ____ °
Camber: ____ °
Ride Height: ____ mm
Down Stop: ____ mm

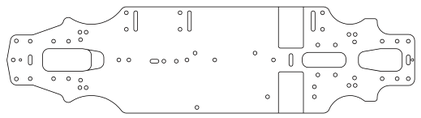
☐ Gear Diff ____ wt

Anti-Roll Bar: ∅ ____ mm

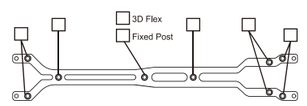




Motor Position :
☐ Inside (0mm)
☐ Outside (1mm)
☐ _____ mm



Chassis: ☐ 2.3 mm ☐ 2.5 mm ☐ Aluminum



Upper Deck: ☐ 2 mm ☐ 2.3 mm ☐ 2.5 mm

ELECTRONICS

Servo: _____
ESC: _____
Battery: _____

MOTOR

Brand: _____
Turns: _____
Timing: _____

ESC

Punch: _____
Initial Brake: _____
Drag Brake: _____
☐ ESC Timing ☐ Turbo Timing
_____

DRIVE RATIO

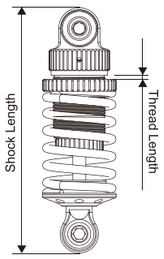
Spur / Pinion (T / T) X1.9 = _____

TIRES

Insert: _____
Wheel: _____
Shore/deg: _____
Compound: _____
Tire Temp: _____
Tire additive: _____
Treated Area

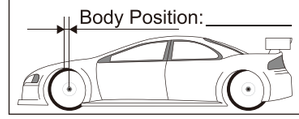


SHOCKS



Hole Size: F____ R____
Holes In Piston: F____ R____
Shock Oil WT: F____ R____
Shock Springs: F____ R____
Shock Rebound: F____ R____
Bladder Note: _____
Thread Length: F____ R____
Shock Length: F____ R____

BODY



Body Position: _____
Body: _____
Wing Height: _____
Wing Position: _____

E4RS III+ SETUP SHEET

Date: _____ Driver: _____

Event: _____ Track: _____

TRACK CONDITIONS

Type :	☐ Carpet	☐ Asphalt		Size:	☐ Open	☐ Med.	☐ Tight	
Place :	☐ Indoor	☐ Outdoor		Traction:	☐ High	☐ Med.	☐ Low	
Surface:	☐ Smooth	☐ Med.	☐ Bumpy	Track Temp/Air Temp:	____ ° / ____ °			

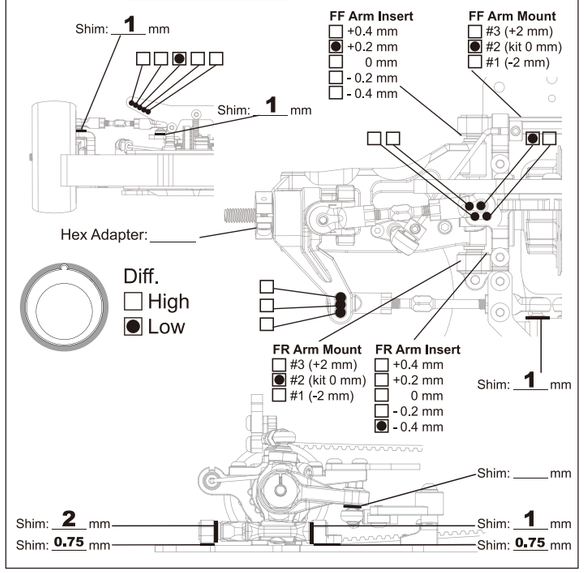
Note: _____

FRONT SUSPENSION

Track Width: 186 mm
Toe Angle: +1 °
Caster: 4 °
Camber: -2 °
Ride Height: 5 mm
Down Stop: 6 mm

☐ Gear Diff ____ wt
☐ One Way
◉ Spool

Anti-Roll Bar: ∅ 1.3 mm

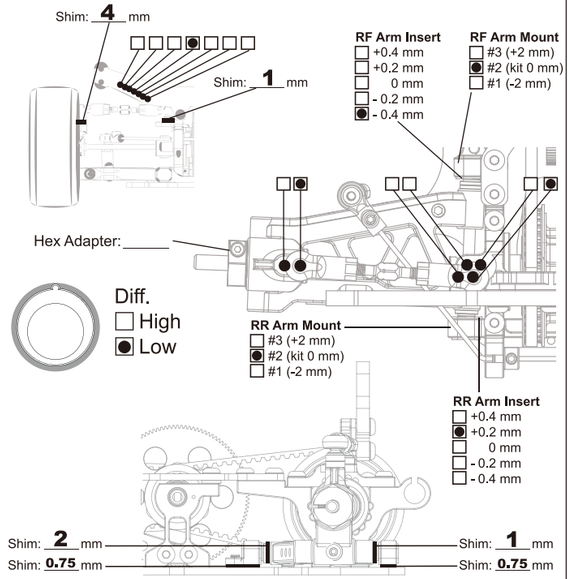


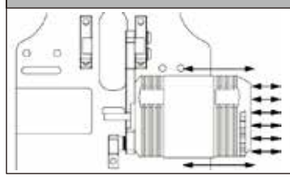
REAR SUSPENSION

Track Width: 189 mm
Toe Angle: -3 °
Camber: -1.5 °
Ride Height: 5.5 mm
Down Stop: 5 mm

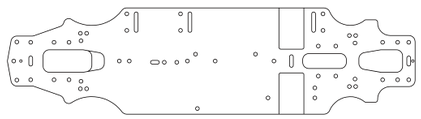
◉ Gear Diff 1000 wt

Anti-Roll Bar: ∅ 1.2 mm

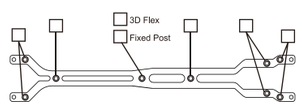




Motor Position :
☐ Inside (0mm)
☐ Outside (1mm)
☐ _____ mm



Chassis: ☐ 2.3 mm ☐ 2.5 mm ☐ Aluminum



Upper Deck: ☐ 2 mm ☐ 2.3 mm ☐ 2.5 mm

ELECTRONICS

Servo: _____
ESC: _____
Battery: _____

MOTOR

Brand: _____
Turns: _____
Timing: _____

ESC

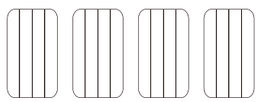
Punch: _____
Initial Brake: _____
Drag Brake: _____
☐ ESC Timing ☐ Turbo Timing
_____

DRIVE RATIO

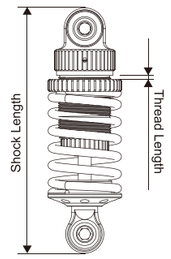
Spur 110 T / Pinion ____ T X1.9 = ____

TIRES

Insert : _____
Wheel : _____
Shore/deg : _____
Compound : _____
Tire Temp : _____
Tire additive : _____
Treated Area

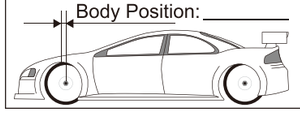


SHOCKS



	F	R
Hole Size:	1.1 mm	1.1 mm
Holes In Piston:	3	3
Shock Oil WT:	400	400
Shock Springs:	k-factory 27	k-factory 25
Shock Rebound:		
Bladder Note:		
Thread Length:		
Shock Length :		

BODY



Body: _____
Wing Height: _____
Wing Position: _____

E4RS III+ Parts List

PARTS

Item No.	Item Description
111007ST	3mm Steel Locknut (10)
111160BK	4mm Special Wheel Lock Nut-Black (4)
111165	3mm Flanged Nut(10)
115016BK	Antenna Rod (2) BLACK
115033	5.8mm Hex Socket Steel Ball-Long Neck (6)
115034	5.8mm Hex Socket Steel Ball-Short Neck (6)
116132AS	3x20mm Alum. 7075 Adjustable Rod (2)
116133AS	3x30mm Alum. 7075 Adjustable Rod (2)
116134AS	3x40mm Alum. 7075 Adjustable Rod (2)
116203	E-clip 5 (10)
116219	3x6x2mm Alum. Washer (6)
116227	E-clip 2.0 (10)
116228	2X9.0mm Pin(10)
116238	2x12.8mm Pin (10)
116240	2x9.8mm Pin (10)
116244	2x7.8mm Pin (10)
126204BU	2x4mm Steel Button Head Screw (6)
126206C	2x6mm Cap Screw (6)
126212BU	2X12mm BH Screw(10)
126303S	3x3mm Set Screw (6)
126304BU	M3X4mm BH Screw(10)
126304S	3x4mm Set Screw (6)
126305	3x5mm Steel FH Screw (6)
126306	3x6mm Steel FH Screw (6)
126306BU	3x6mm Steel Button Head Screw (6)
126307	3x7mm Steel FH Screw (6)
126308	3x8mm Steel F.H. Screw (6)
126308BU	3x8mm Steel Button Head Screw (6)
126308S	M3X8mm Set(10)
126308SE	3x8mm Steel Flat Round Servo Mount Screw (6)
126310	3x10mm Steel F.H. Screw (6)
126310BU	3x10mm Button Head Screw (6)
126310S	3x10mm Set Screw (6)
126312BU	3x12mm Button Head Screw (6)
126312C	3x12mm Cap Screw (6)
126314BU	3x14mm Button Head Screw (6)
126318HBU	3X18mm Button Head Screw (Half Thread)(6)
126405S	M4x5mm Set Screw(6)
130114	3X6X1mm Washer(10)
130125	3x6x4mm Alum. Washer (6)
130129	5.2x12x0.2 Washer (10)
130130	2.6X6X0.3mm Washer(10)
130137	3.1x8x0.3mm Washer (10)
150306F	3x6x2.5mm Flanged Bearing (2)
150508	5x8x2.5mm Bearing (2)
150508ST	5x8x2.5mm Steel Bearing(4)
150510ST	5x10x4mm Steel Bearing (4)
151015ST	10x15x4mm Steel Bearing (4)
152002	O-RING 11.2 x 1.7 (10)
152005	O-Ring 4.7X1.4mm(10)
503117BK	E4 5x4mm Ball Stud (6)-Black
503121	E4 Short Ball Cup (6)
503123	E4 Alum. Anti-Roll Bar Ball (4)
503127BK	E4 Steering Block 5x10mm Ball Stud (4)-Black
503138BK	E4 5x7mm Ball Stud (6)-Black
507109	Alum. Spur Gear Holder
507110	20T Pulley (2)
507114	Diff. Case Gasket (4)
507115	Diff. Case O-ring (4)
507116	Belt Tension Adjuster (4)
507136	Bushing For Caster Block (2+2)
507138	Universal Driveshaft Plastic Pin Cover (8)
507140BK	Alum. Wheel Adapter-BK (4)
507141	Caster Block Pin (2)
507142	Rear Hub Carrier (2)
507143	Rear Hub Carrier Pin (2)
507147	Servo Arm (Futaba) (2)
507148	Servo Arm (Ko,Sanwa) (2)
507152	Quick Release Battery Strap
507161	Shock Membrane (4)
507162	Front Body Support (2)
507163	Foam Bumper
507164	Bumper Mount Set

Item No.	Item Description
507202BK	Aluminum 7075 - Motor Mount Black
507206	Light Weight Bevel Gear Set (4)
507207	Light Weight Diff. Case
507208	Light Weight Alum. Diff. Joint (2)
507209	Light Weight Gear Diff. Set
507210	Front Spool 38T Pulley
507211	Front Spool Pulley Holder
507212	Front Spool ST Steel Joints (2)
507213	Front Spool Set
507217	Rear Body Support (2)
507218	Anti-Roll Bar Ball Cup (4)
507222	Rear Anti-Roll Bar 1.2mm (1)
507227	Shock Piston 3 Holes (1.1mm)(4)
507228	Low CG Shock Shaft (2)
507233	Low CG Shock Ball End & Nylon Set (4)
507234	Universal Driveshaft Nunchaku Type (2)
507234-1	Drive Shaft Only for Nunchaku (2)
507234-2	Joint for Nunchaku (2)
507234-3	Wheel Axel for Nunchaku (2)
507234-4	Joint Hinge Pin for Nunchaku (4)
507234-5	G-Clip for Nunchaku (4)
507234-6	1.5x8.5mm Pin for Nunchaku (4)
507234-7	5x10x3mm Bearing for Nunchaku (2)
507258	Front Anti Roll Bar 1.3mm
507302BK	FR/RL Lower Bulkhead
507303BK	FL/RR Lower Bulkhead
507304	Center Battery Guides (2)
507305BK	Steering Lower Floating Mount
507306	Rear Belt
507307	Front Belt
507309	4mm Front Shock Tower
507310	4mm Rear Shock Tower
507311BK	Alum. Middle Steering Plate
507312	5mm Ball Cup (6)
507314BK	FF/RR Suspension Mount
507315	Suspension Mount Inserts (0,0.2,0.4)
507316A	Alum. Suspension Mount Pivot Ball (4)
507317BK	FR/RF Suspension Mount
507318	Rear Suspension Axle (2)
507320-2	Pivot for 507320 (4)
507320-3	G-Clip for Universal Driveshaft (4)
507320-4	Steel Universal Joint Outdriver (2)
507321	Anti-Roll Bar Retainers (2)
507322	"L" Type Servo Ball Cup (2)
507323	2.0mm Upper Deck
507324	Battery Mount System
507325	Plastic Steering Levers
507326	Steering Lever Post (2)
507327	Shock Absorber Set (2)
507327-1	Shock Upper Cap (2)
507327-2	Shock Body Set (2)
507327-3	Shock Small O ring Set (4)
507327-4	Shock Lower Cap (2)
507328BK	Lower Spring Cups with lowered spring height (4)
507329BK	Right Middle Axle Mount
507330BK	Left Middle Axle Mount
507331BK	Motor Plate Support-BK
507332	"Y" Chassis Stiffener
507333	Flex Point Poster (1+1)
507345	One-Piece FR Suspension Mount "0" #2
507351	Suspension Mount Spacer Set 0.25mm (2+4)
507352	Suspension Mount Spacer Set 0.5mm (2+4)
507360	E4RS III Plus - Carbon Chassis 2.5mm
507361	E4RS III Plus Bulkhead Upper Mount
507362	Caster Block 4° - HARD (2)
507363	Steering Block (2)
507364	Lightweight Steel CVD Driveshaft (2)
507364-1	Steel Driveshaft Only (2)
507365	Front Anti-roll Bar Rod (2)
507366	Front Suspension Axle (2)
507368	Lightweight Alum. One Piece Servo Mount
507369	Front Suspension Arm -Plus (2)
507370	Rear Suspension Arm -Plus (2)
507422	Antenna Rod Mount
K4901-25	LX Touring Shock Spring 13x23.5mm #25
K4901-27	LX Touring Shock Spring 13x23.5mm #27
K6310-400	K Factory Shock Oil 70ml/2.5oz #400
K6330-1000	K Factory Diff Oil 40ml #1000
K6601-110	Special Precision 64P Spur Gear 110T