

Instruction & Setup Manual

507002

Thank you for choosing the Team Magic E4RSII EVO. Before you start building the E4RSII EVO, we suggest you read though the instruction manual first. Be sure to check all assembly and performance tips before you start. We hope you enjoy the fine building processes.

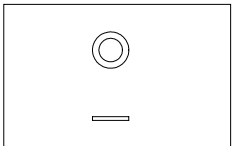
General Building Tips:

- 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.

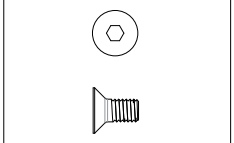
A Good Dealer Is Extremely Important!!

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

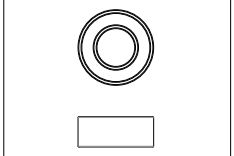
E4RS EVO II
E4 Racing Spec. the Second Generation



116226
3.1X4.8X0.5mm
Washer



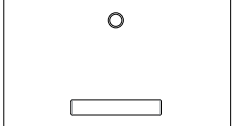
126306
3x6mm Steel FH
Screw



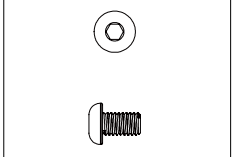
150510ST
5x10x4mm Steel
Bearing



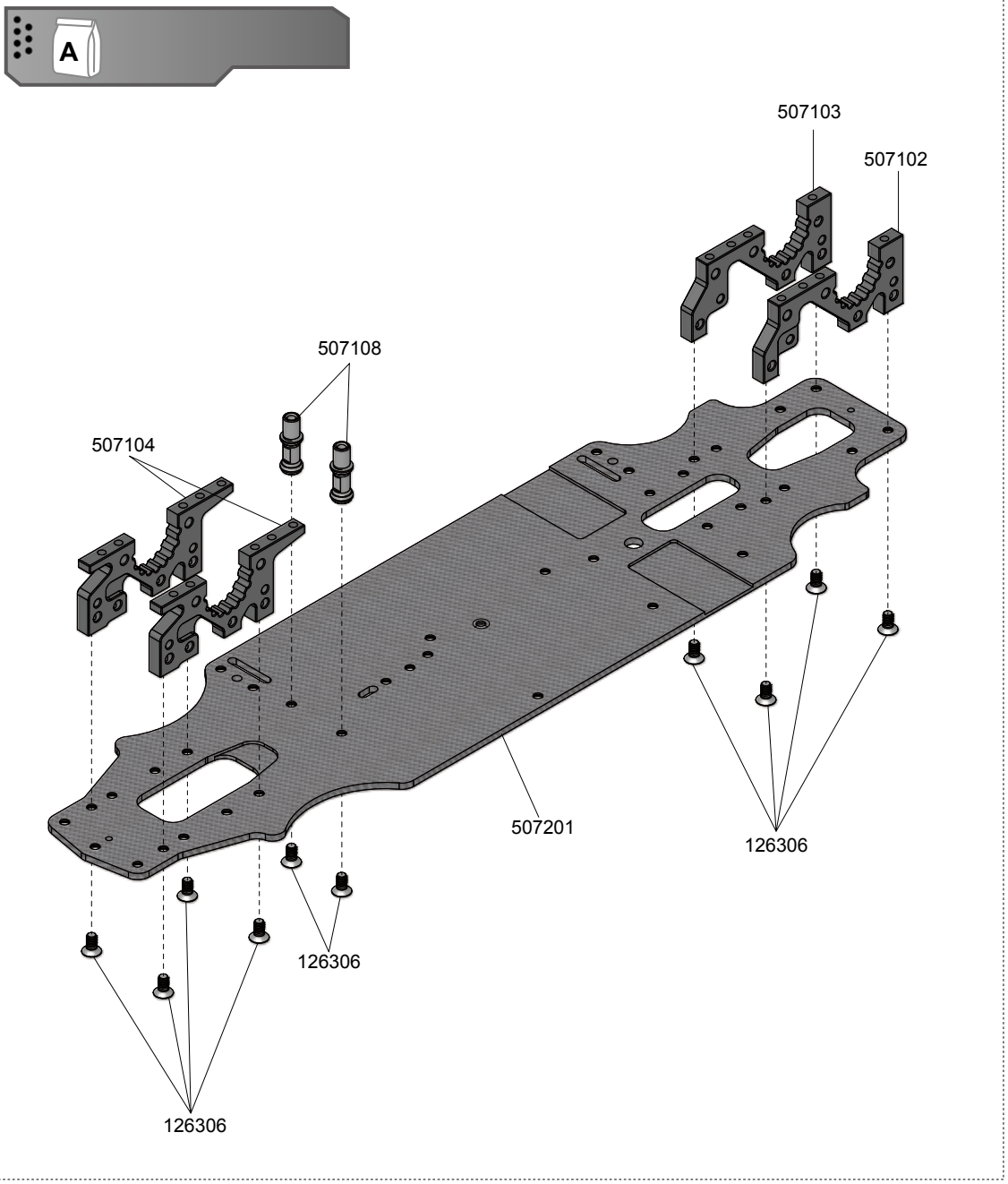
116203
E-clip 5

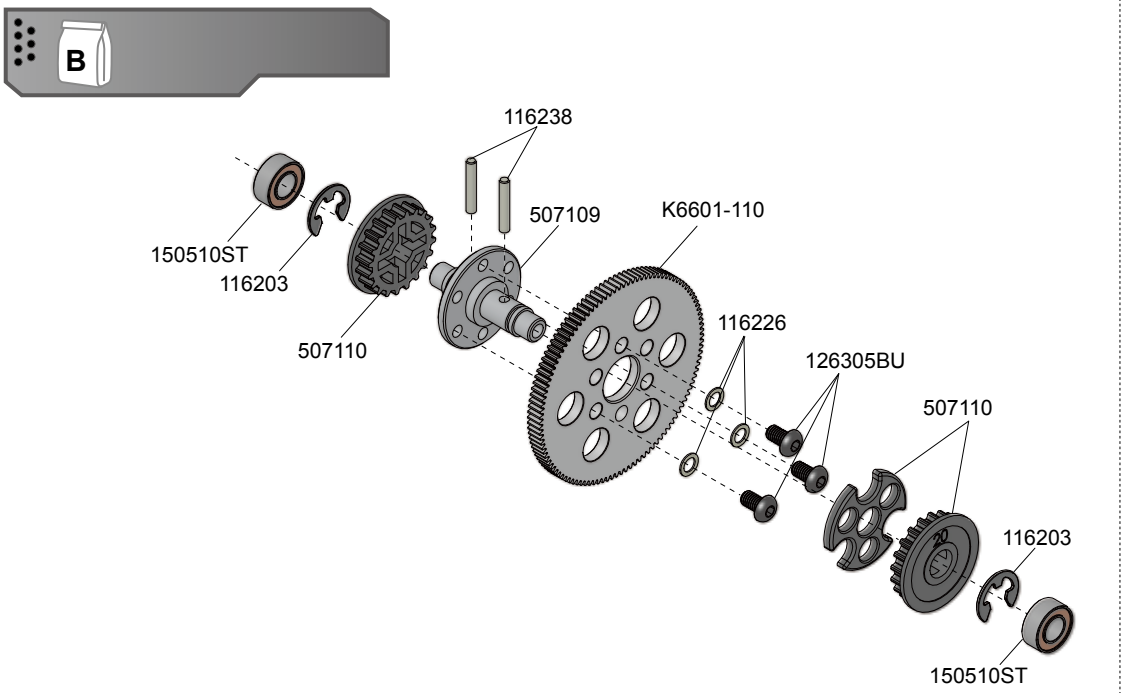


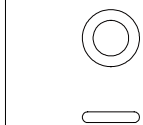
116238
2x12.8mm Pin



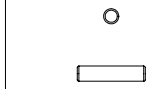
126305BU
M3X5mm BH Screw



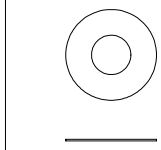




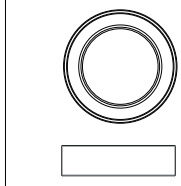
152005
4.7x1.42 O-RING



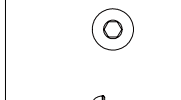
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2x9.0mm Pin



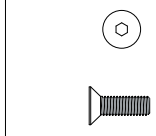
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5.2x12x0.2mm Shim



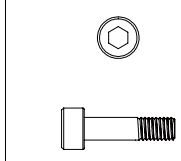
151015ST
10x15x4mm Steel Bearing



126304BU
M3X4mm BH Screw

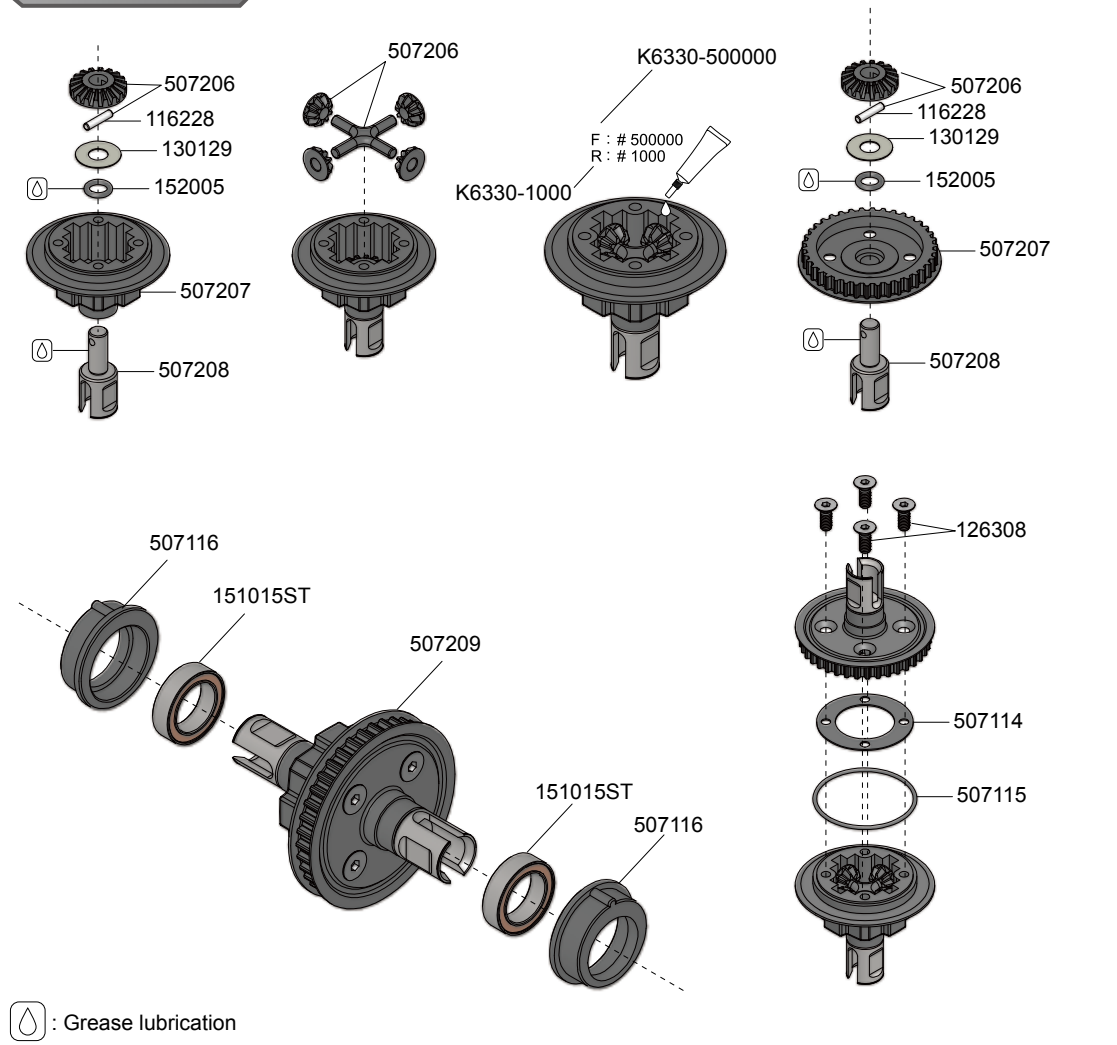


126308
3x8mm Steel Flat Head Screw

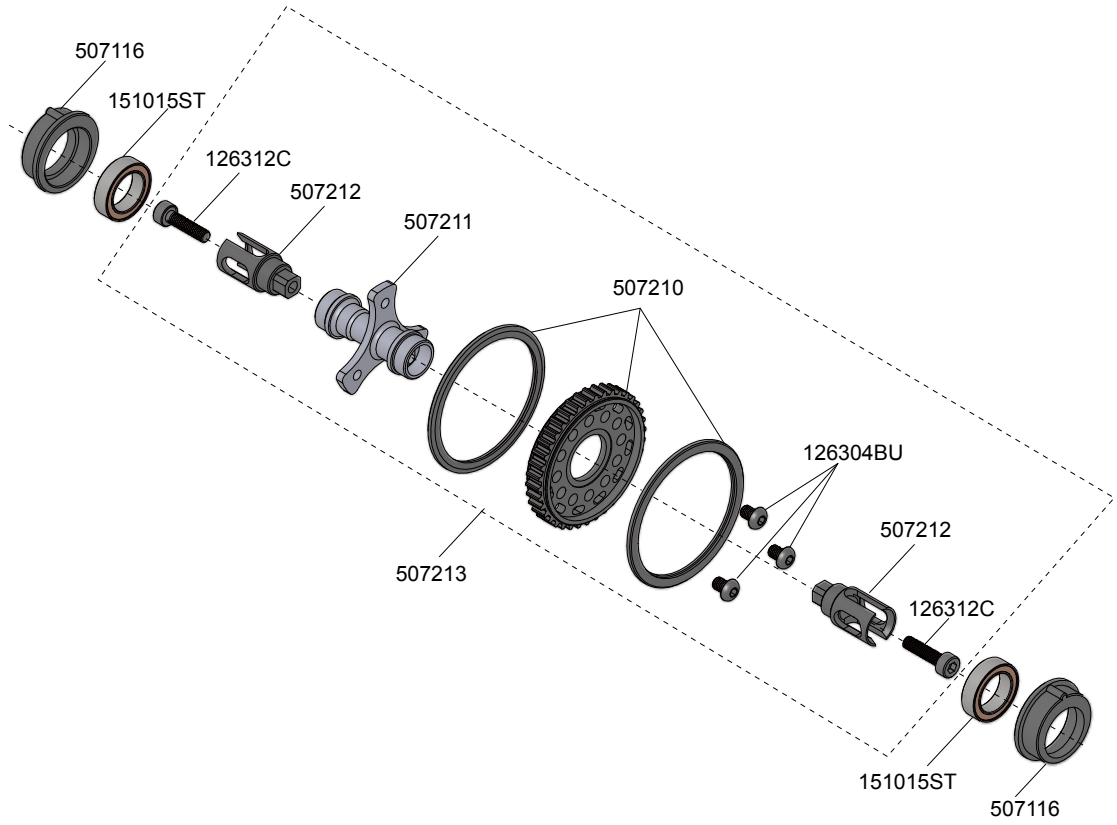


126312C
3X12mm CAP Screw





Front Spool Ver.

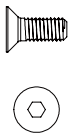




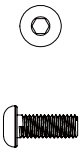
126306
3x6mm Steel F.H. Screw



126306BU
3x6mm Steel Button Head Screw



126308
3x8mm Steel F.H. Screw

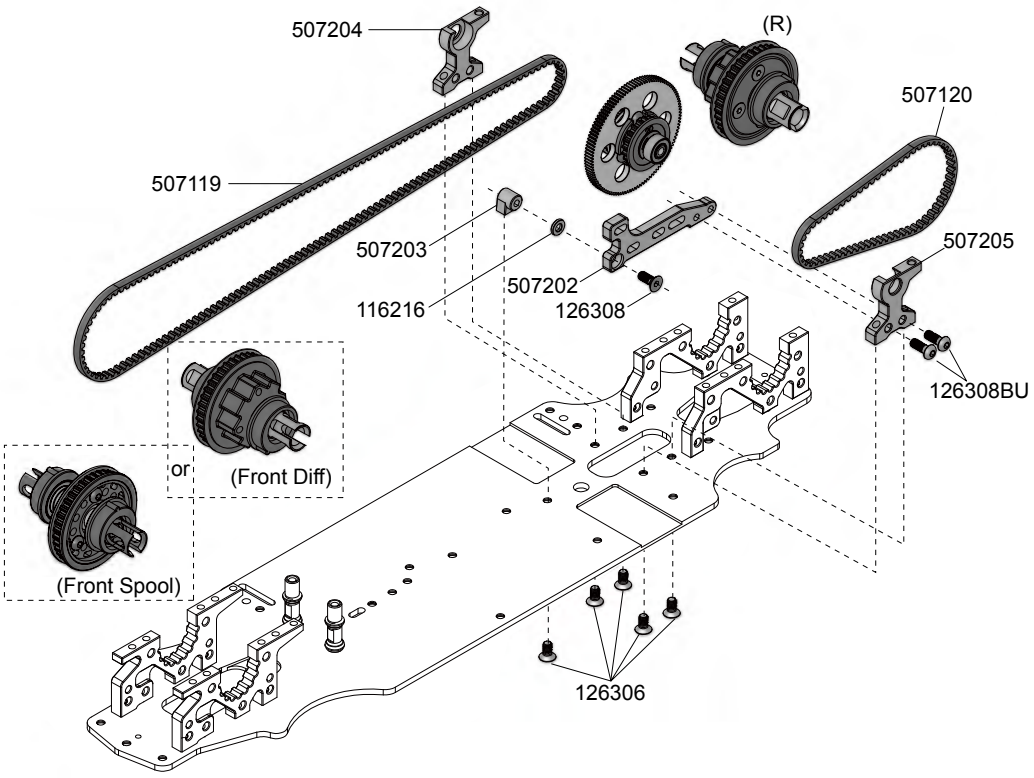


126308BU
3X8mm Button Head Screw



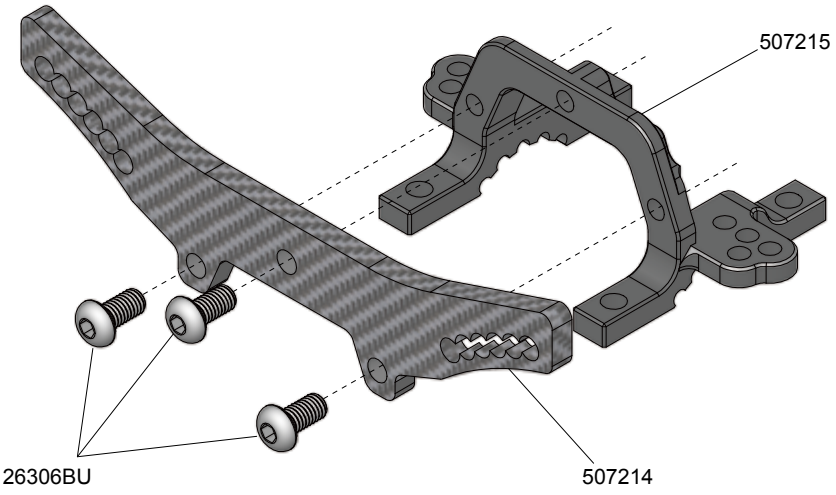
116216
3X6X1mm Washer

D



E

Front







126308BU
3x8mm Steel Button Head Screw





126212BU
2X12mm BH Screw

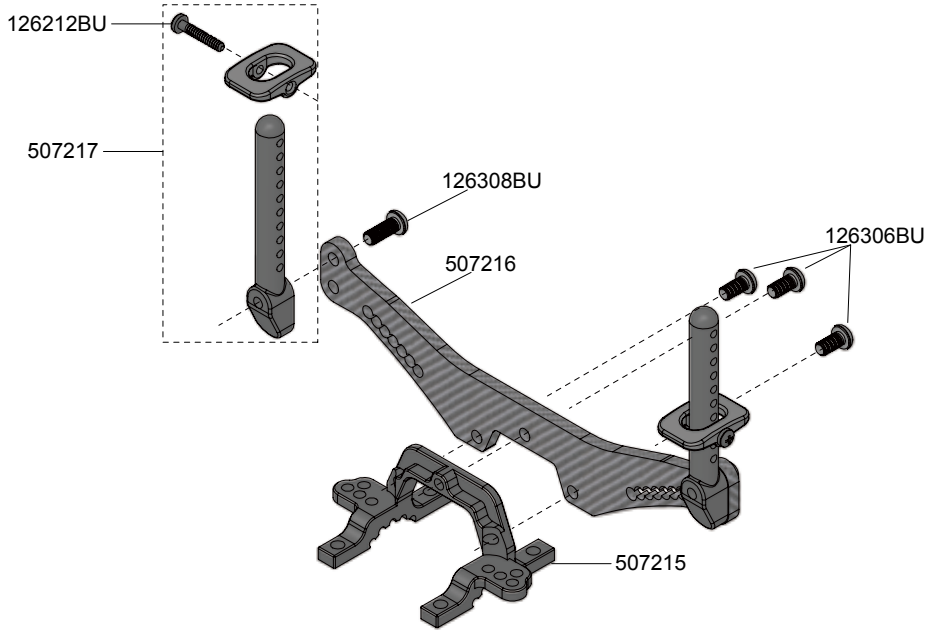




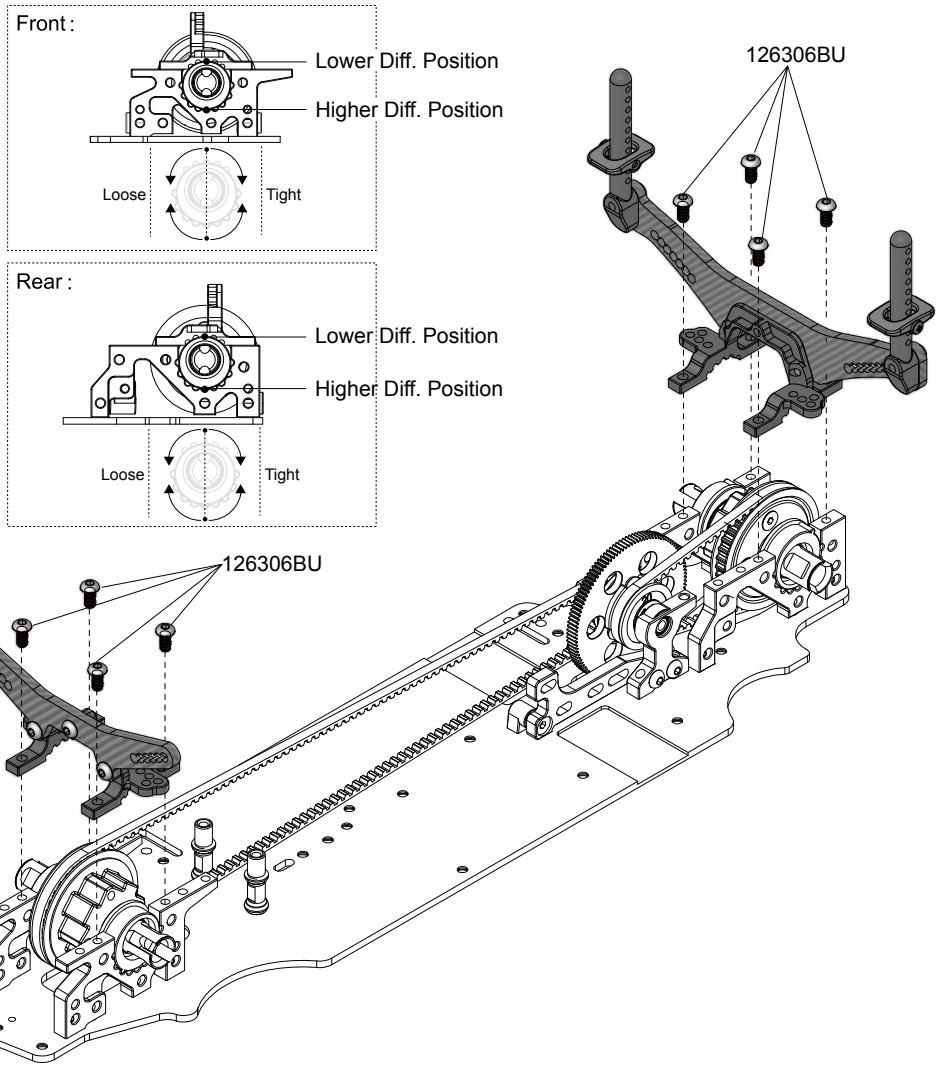
126306BU
3x6mm Button Head Screw



Rear





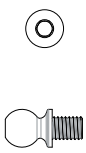




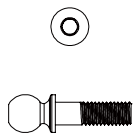
150508ST
5x8x2.5mm Steel Bearing



150306ST
3x6x2.5mm Steel Bearing



503117
5x4mm Ball Stud



503127
5x10mm Ball Stud

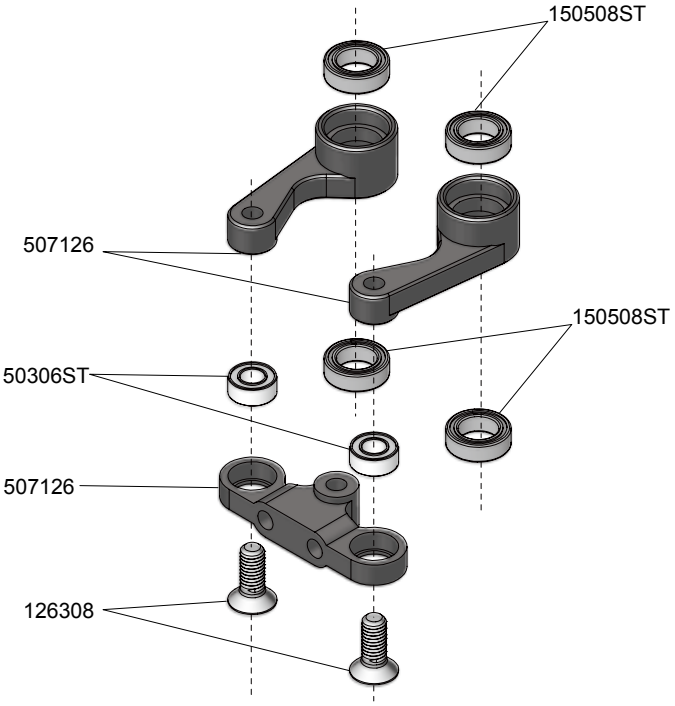


126308
3x8mm Steel F.H. Screw

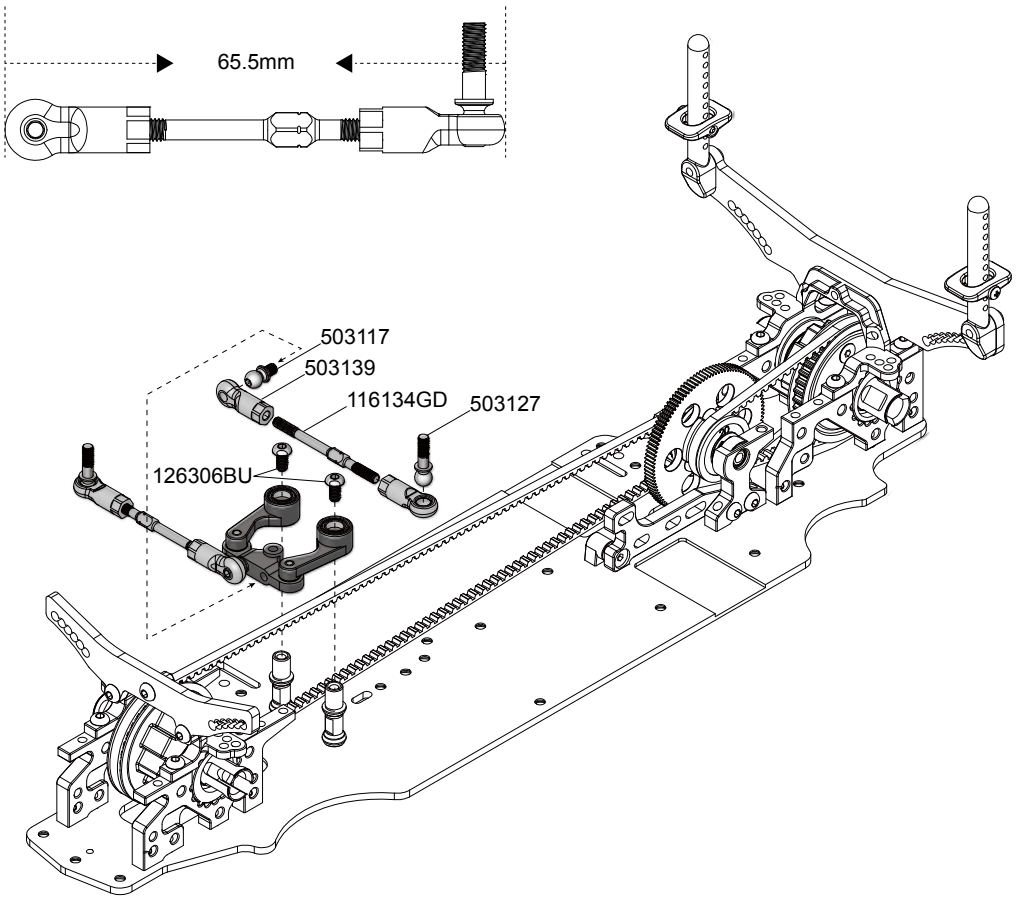


126306BU
3x8mm Steel Button Head Screw

F



F





130114
3X6X1mm Washer



126408S
4x8mm Set Screw



126308S
M3X8mm Set



126204BU
2x4mm Steel Button Head Screw



126316BU
M3X16mm BH Screw

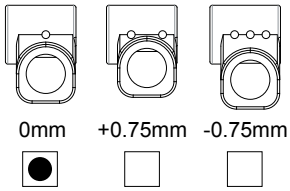


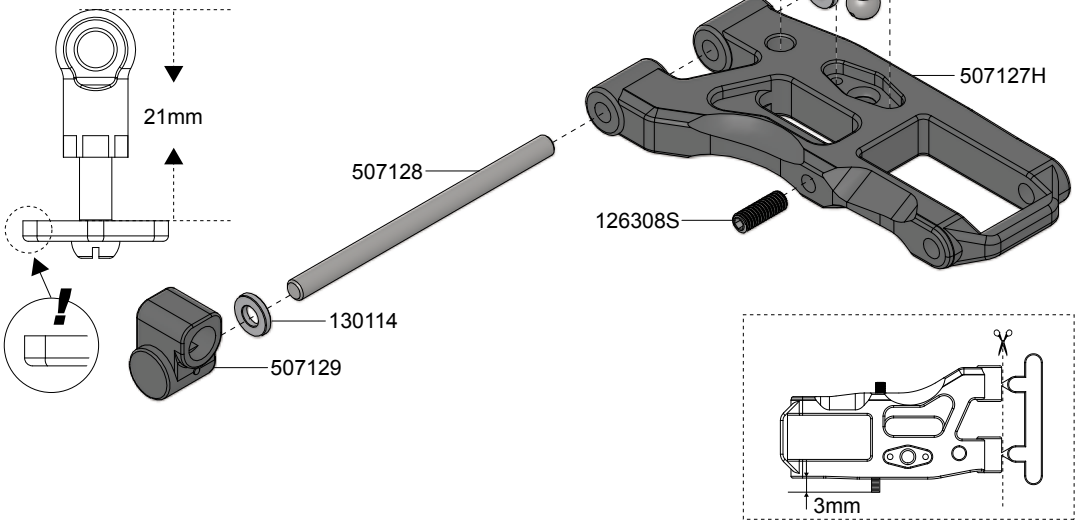
130124
3x7.5x1.5mm Washer

G

Front

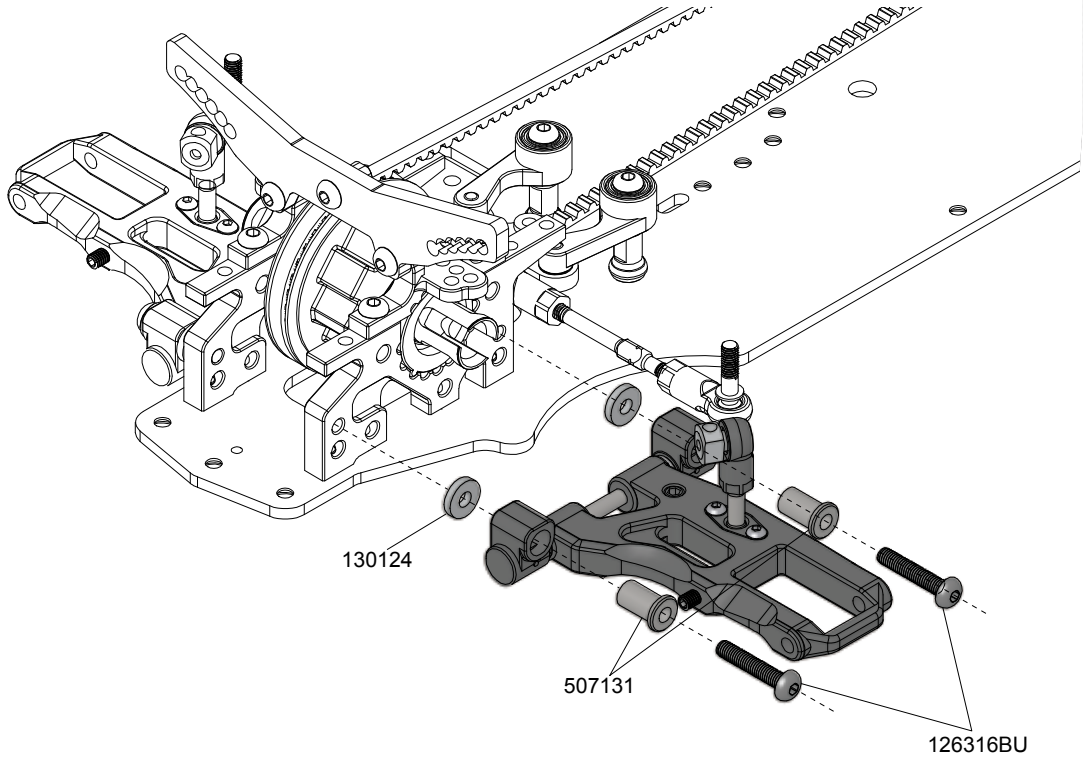
Roll Center Position





G

Front

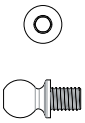




126408S
4x8mm Set Screw



130114
3X6X1mm Washer



503117
5x4mm Ball Stud



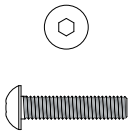
126310S
M3X10mm Set



130124
3x7.5x1.5mm Washer



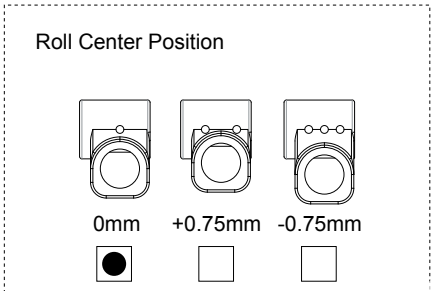
126316BU
M3X16mm BH Screw

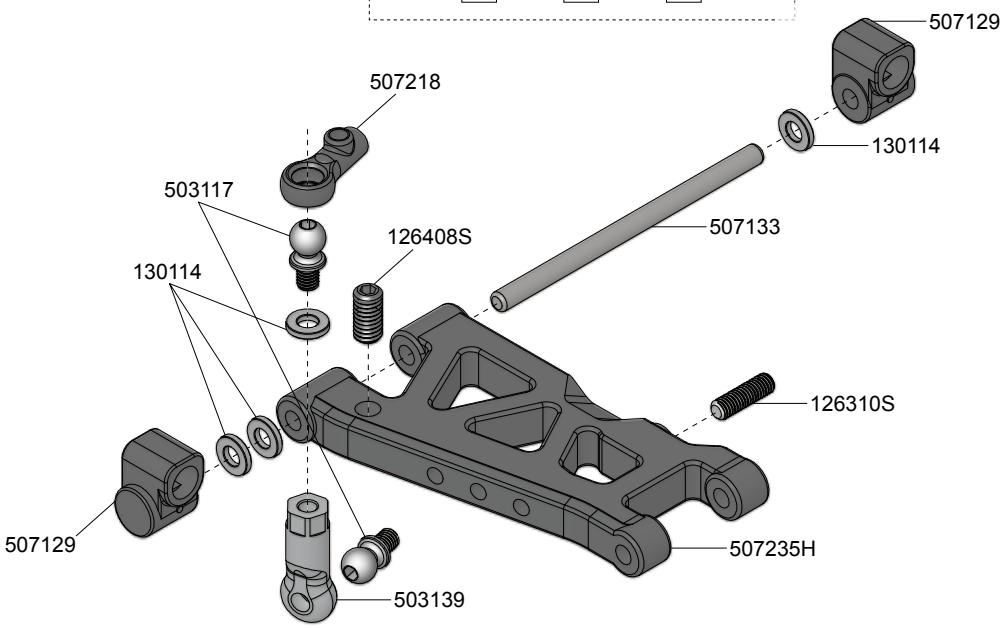


126314BU
3x14mm Button
Head Screw



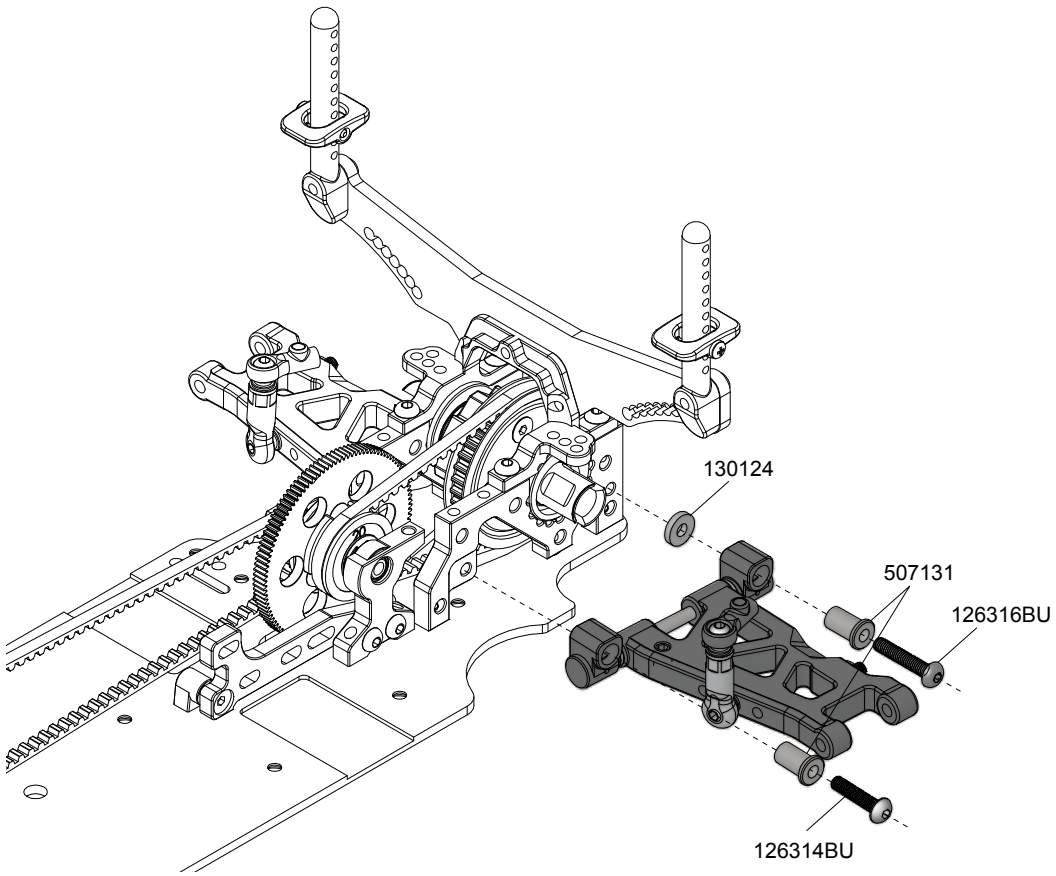
Rear







Rear



130114
3X6X1mm Washer

150510ST
5x10x4mm Steel Bearing

116240
2x9.8mm Pin

126206C
2x6mm Cap Screw

503127
Steering Block
5x10mm Ball Stud

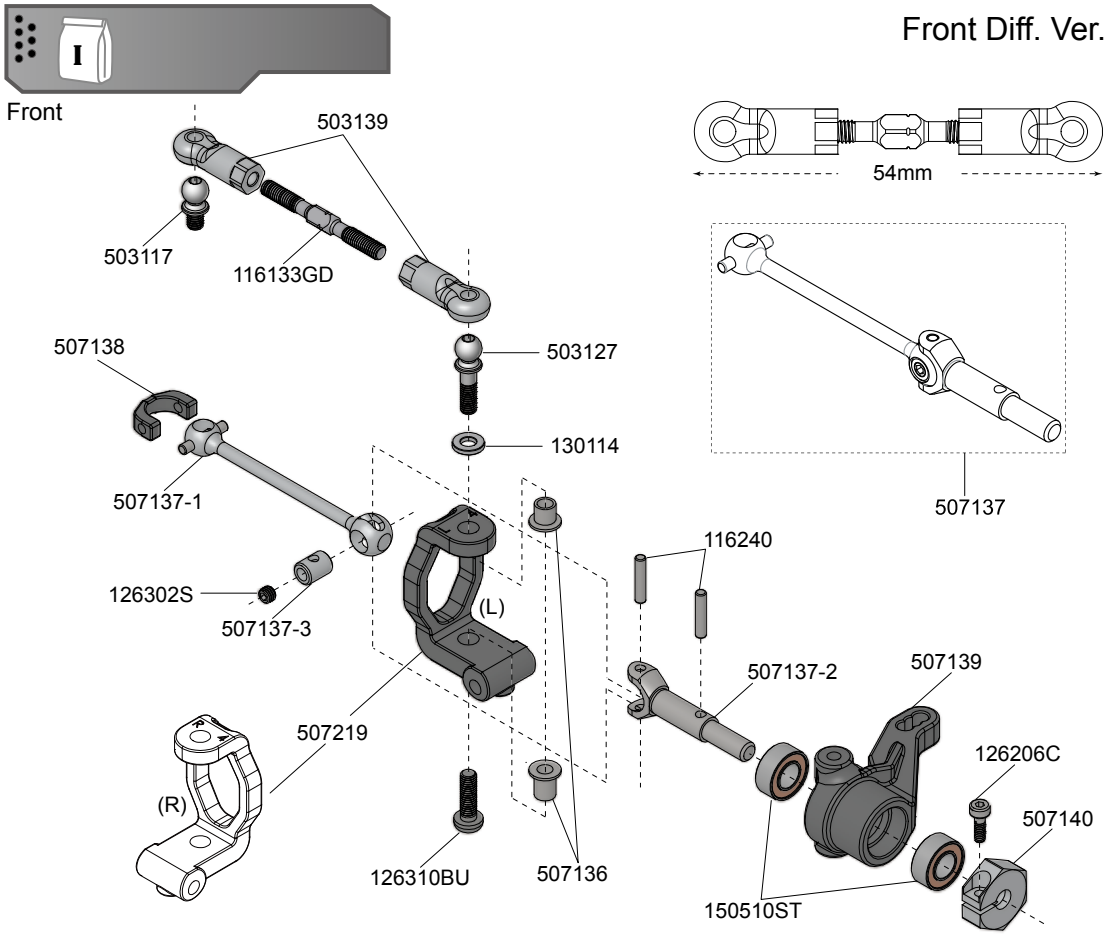
126310BU
3x10mm Button Head Screw

126302S
3x2mm Set Screw

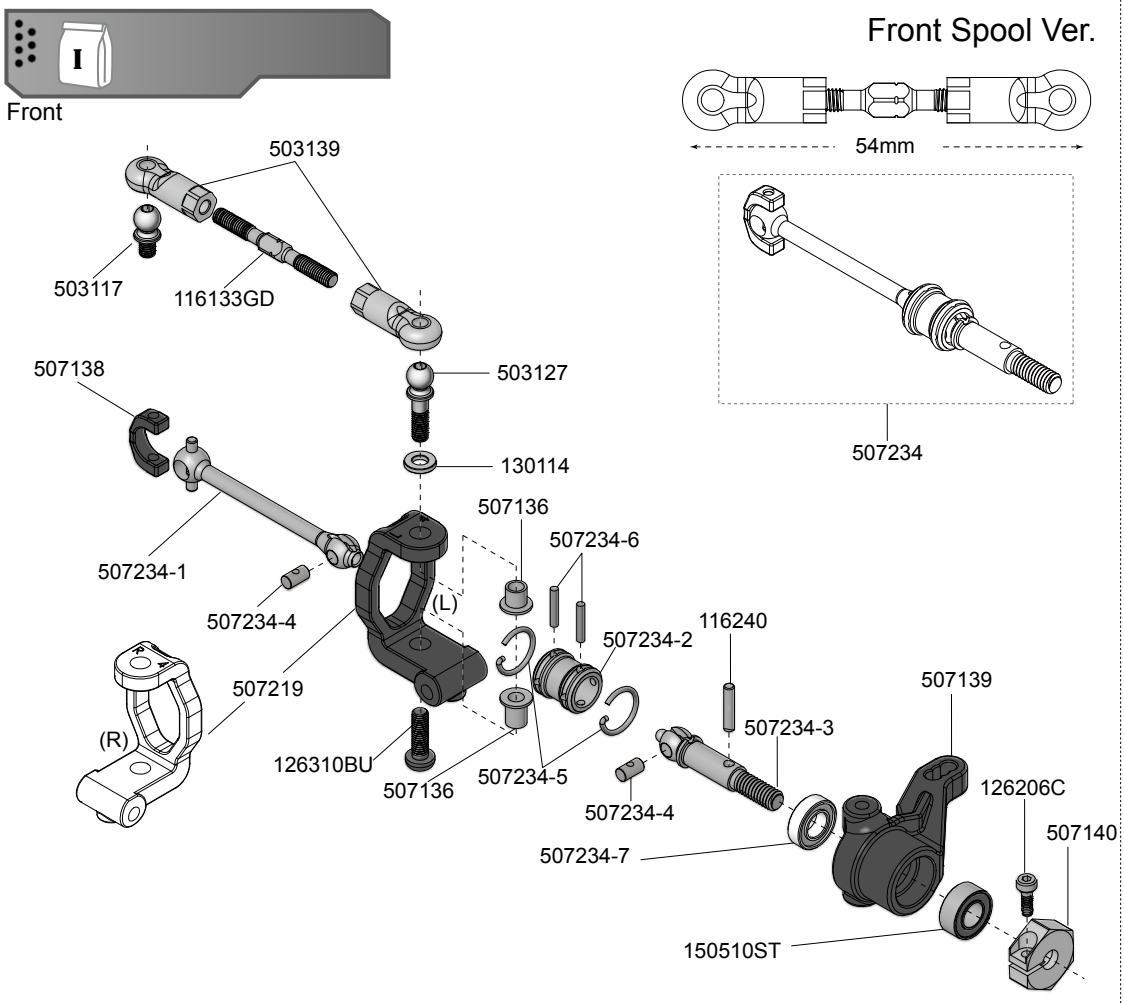
507234-7
5x10x3mm Steel Bearing

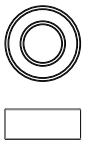
503117
5x4mm Ball Stud

Front Diff. Ver.



Front Spool Ver.





150510ST
5x10x4mm Steel
Bearing



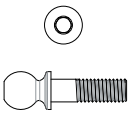
116240
2x9.8mm Pin



126206C
2x6mm Cap Screw



116219
3x6x2mm Alum.
Washer



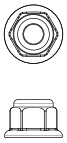
503127
Steering Block
5x10mm Ball Stud



126302S
3x2mm Set Screw



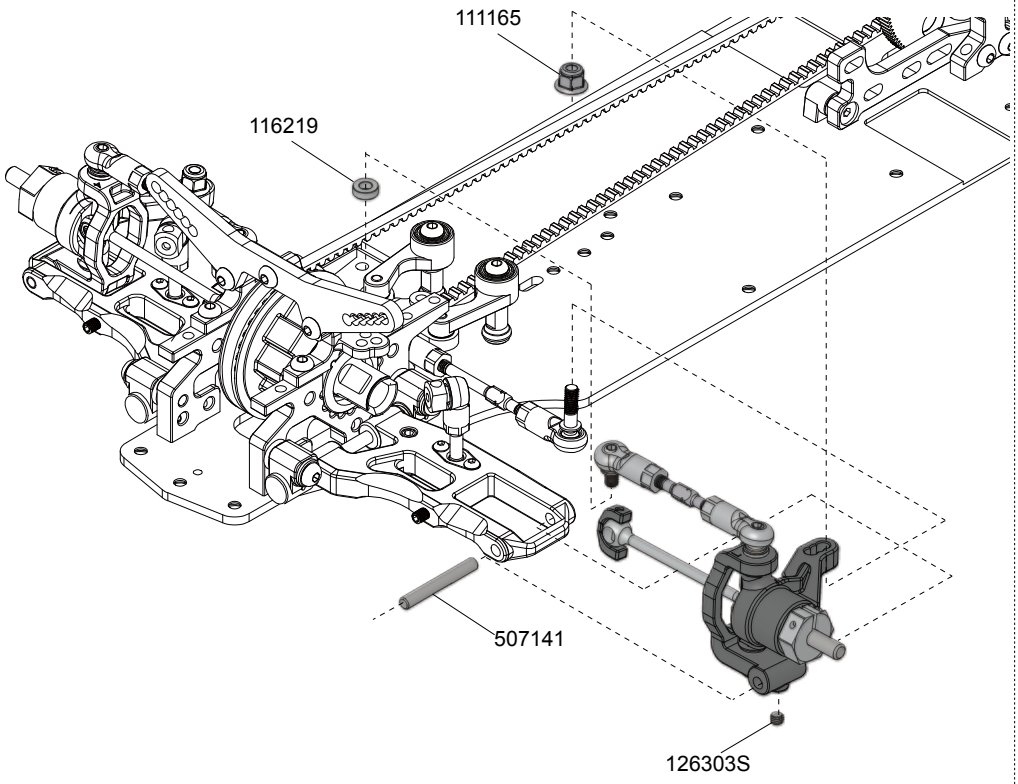
126303S
3x3mm Set Screw



111165
3mm Flanged Nut

I

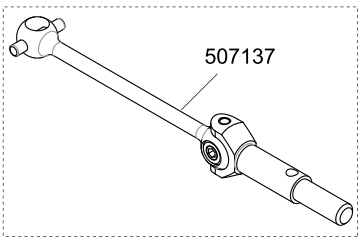
Front



J

Rear









126303S
3x3mm Set Screw





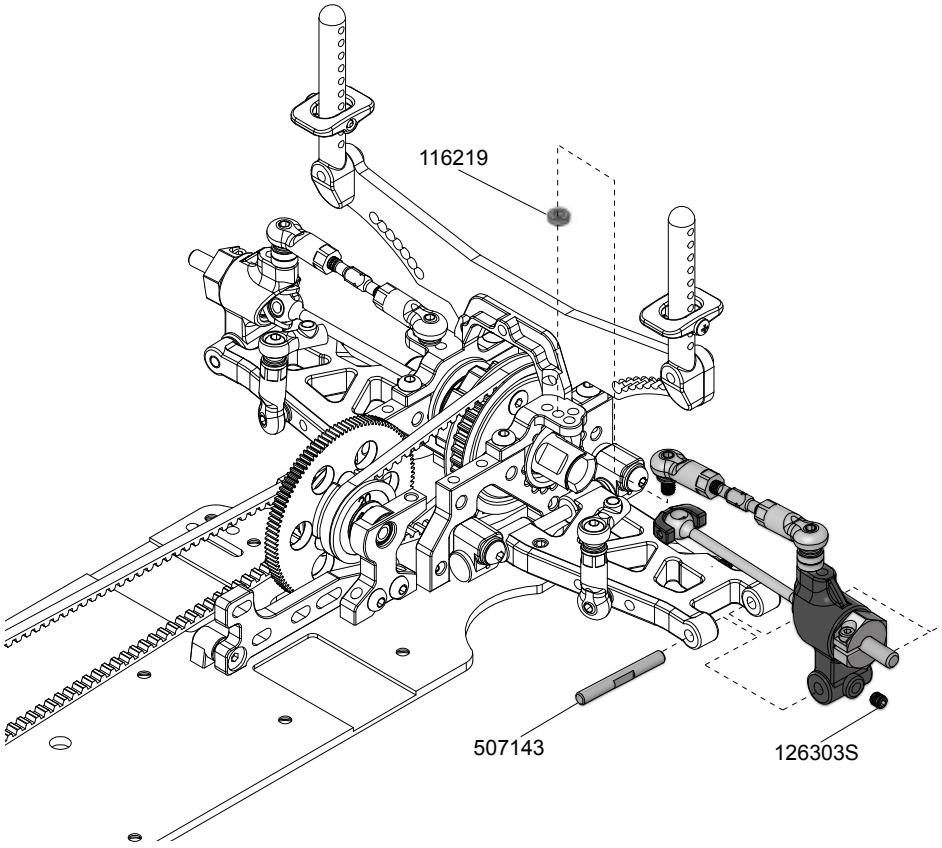
126308BU
3x8mm Steel Button Head Screw



116219
3x6x2mm Alum. Washer

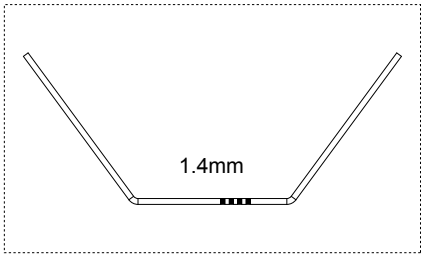
J

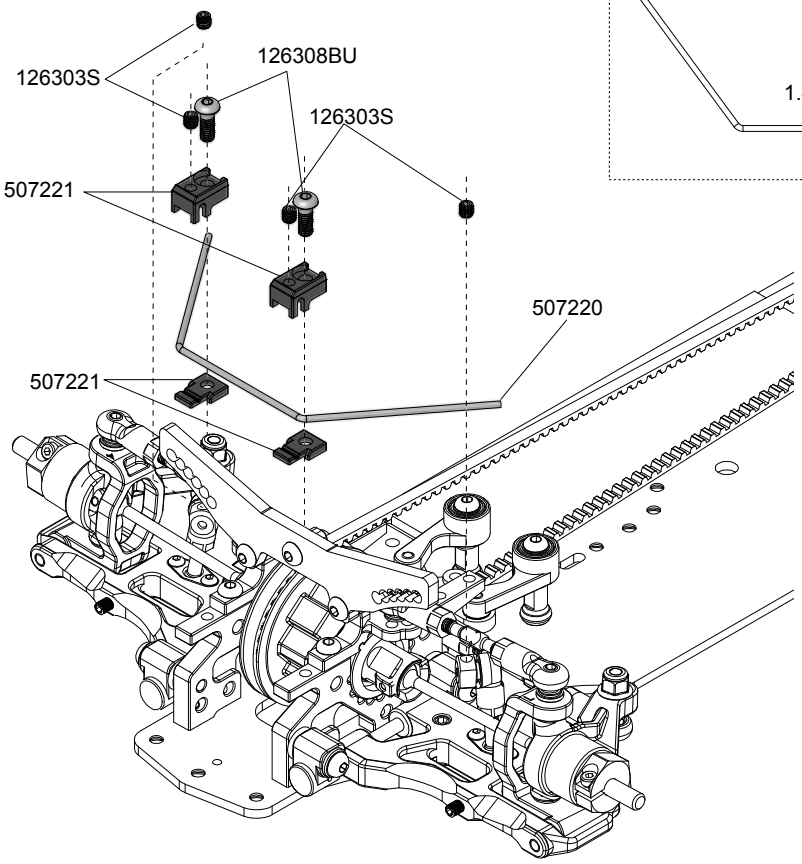
Rear



K

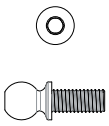
Front



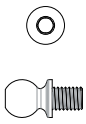




126308SE
3x8mm Steel Flat Round Servo Mount Screw



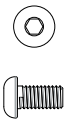
503138
5x7mm Ball Stud



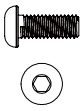
503117
5x4mm Ball Stud



130125
3x6x4mm Alum. Washer



126306BU
3x6mm Steel Button Head Screw



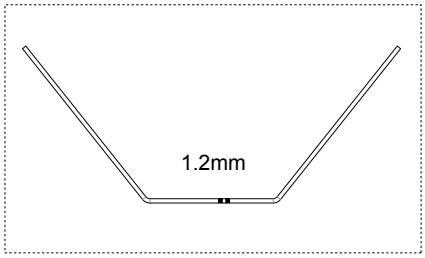
126308BU
3x8mm Steel Button Head Screw

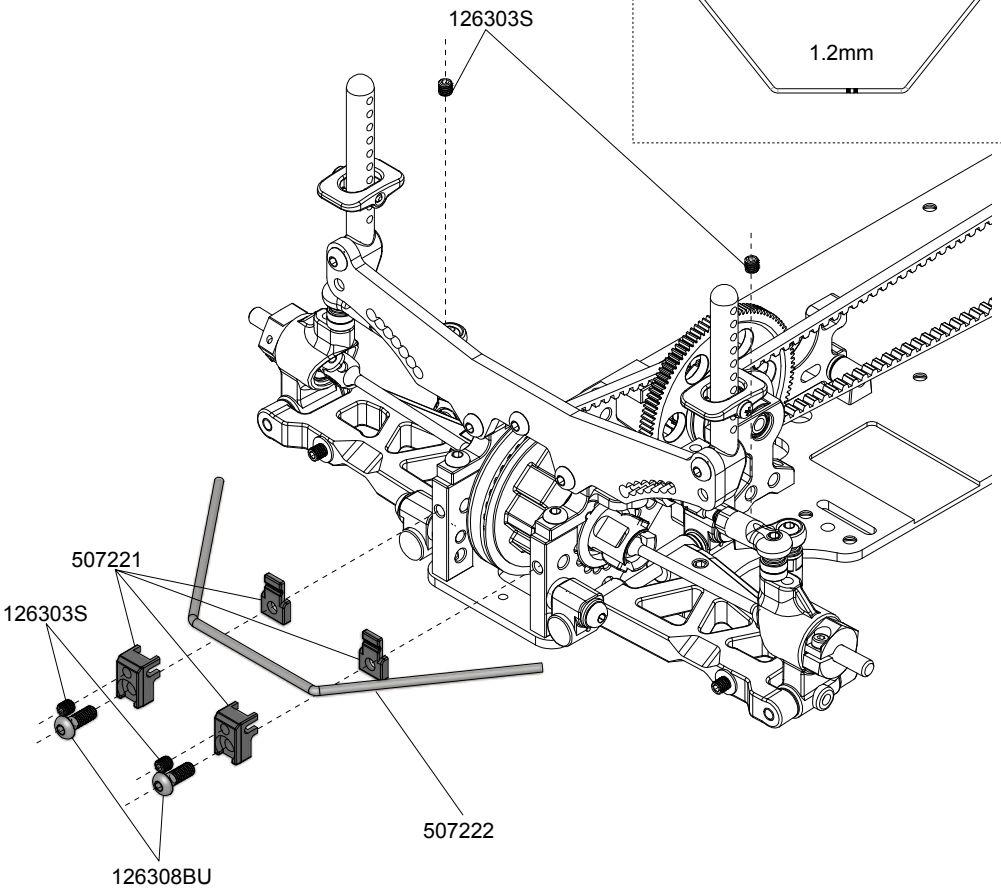


126303S
3x3mm Set Screw

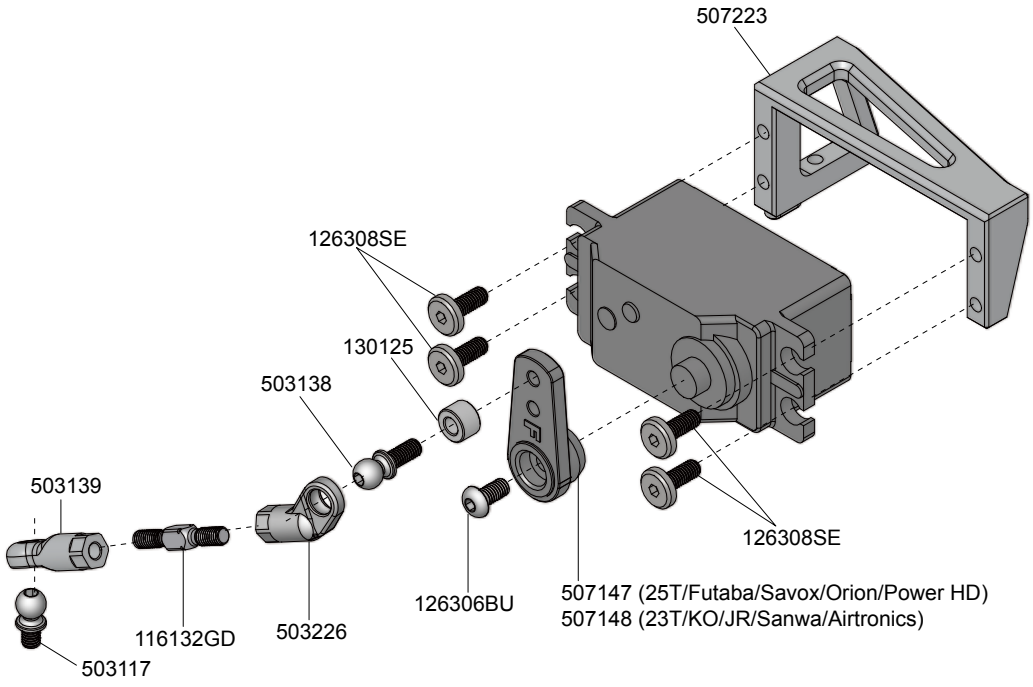
K

Rear





L





126306BU
3x6mm Steel Button Head Screw

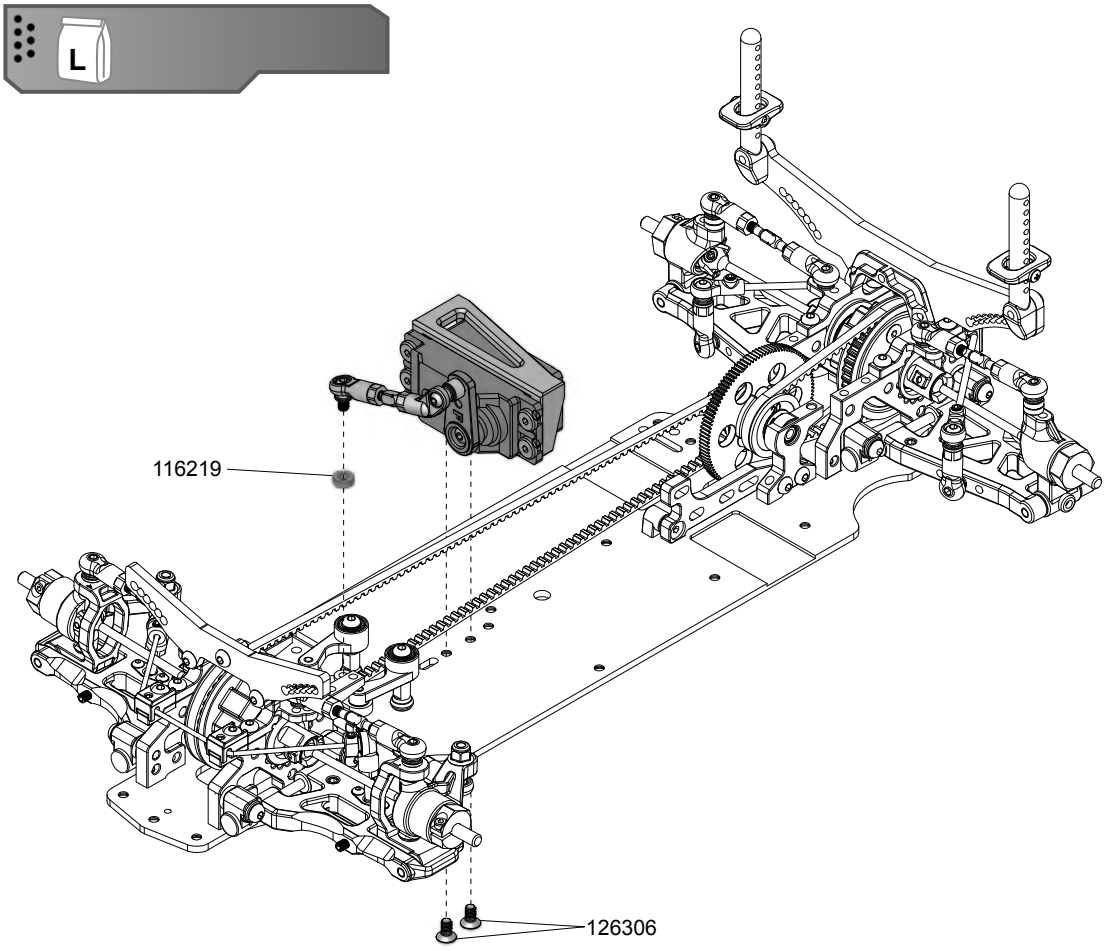


126306
3x6mm Steel FH Screw

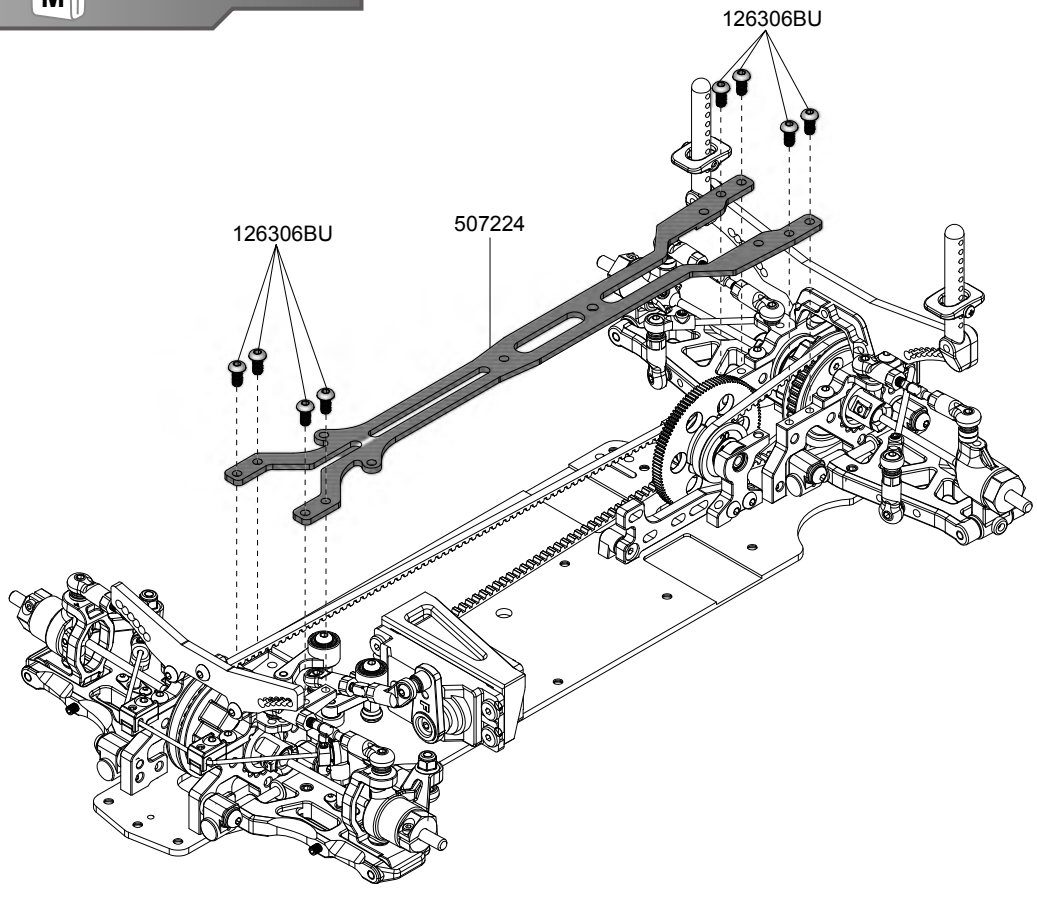


116219
3x6x2mm Alum. Washer

L

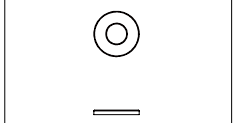


M

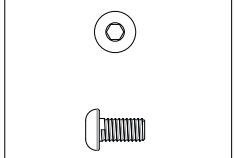




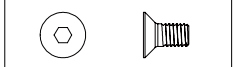
116227
E-clip 2.0



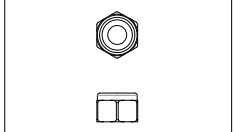
130111
2.6X6X0.5mm
Washer



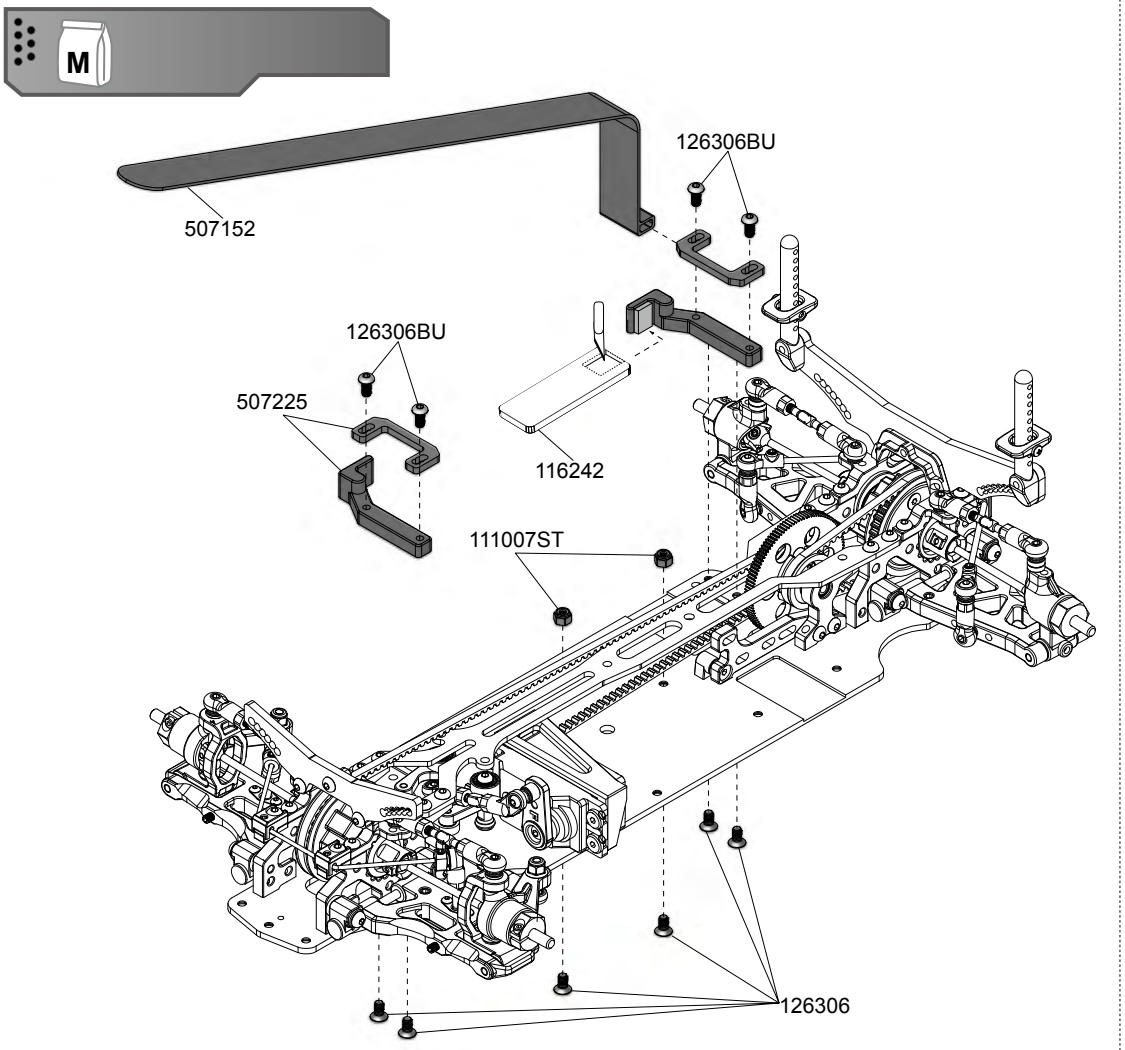
126306BU
3x6mm Steel Button
Head Screw

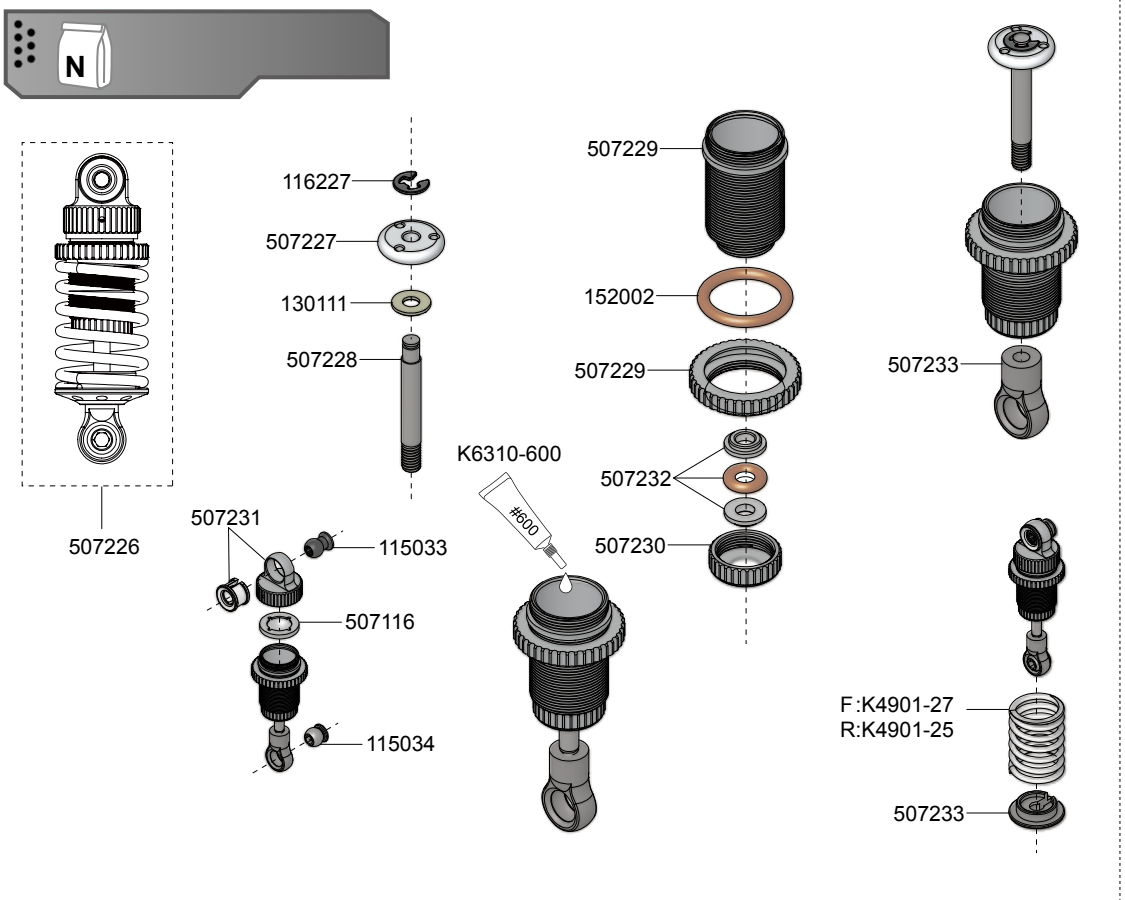


126306
3X6mm Steel F.H.
Screw



111007ST
3mm Steel Locknut









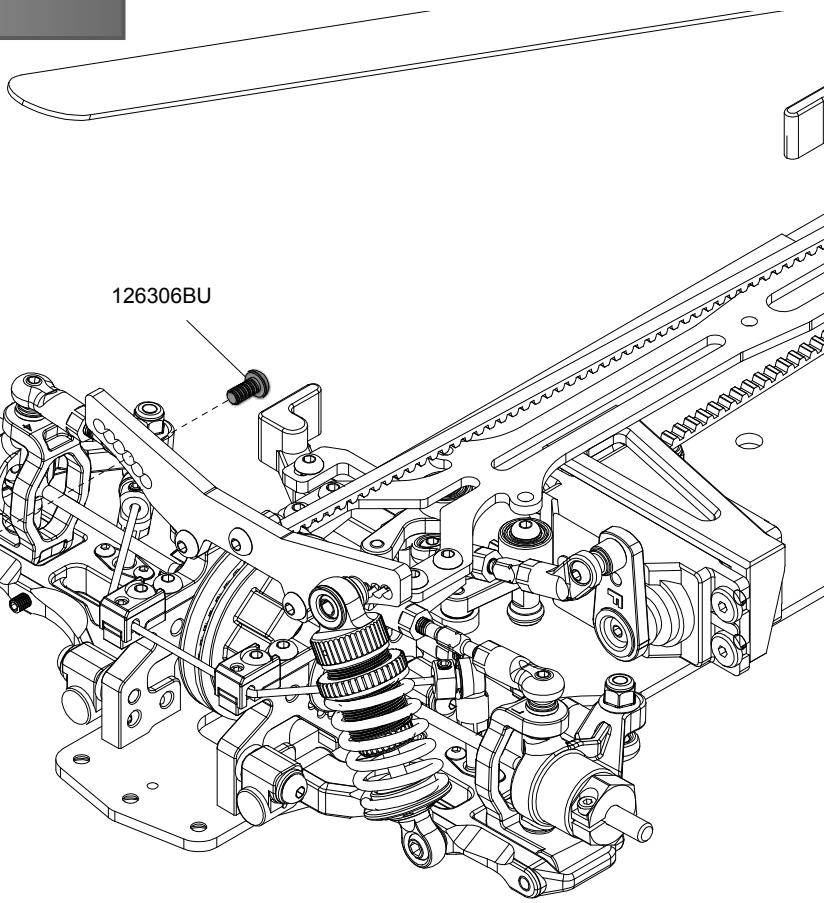
126306BU
3x6mm Button
Head Screw



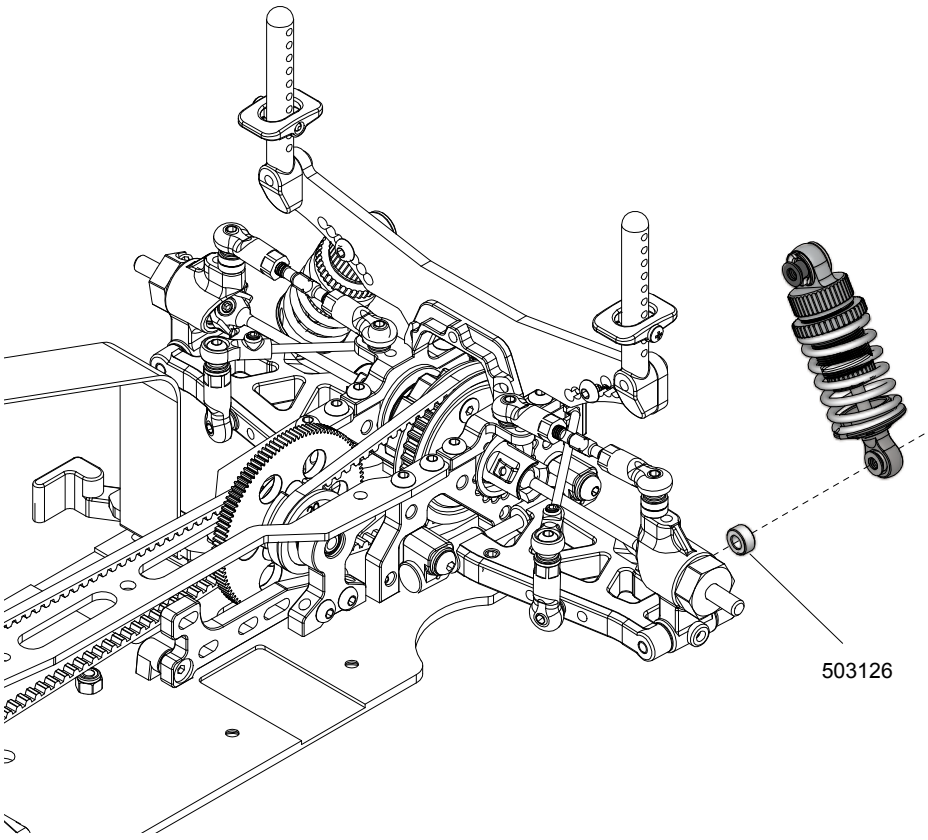


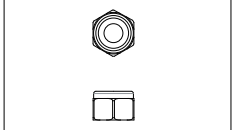
503126
3.1X6.5X1mm Alum.
Washer

N

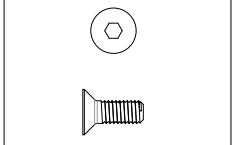


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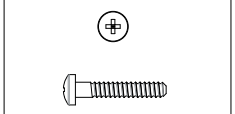




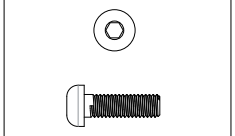
111007ST
3mm Steel Locknut



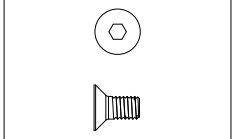
126308
3x8mm Steel F.H.
Screw



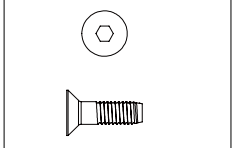
126212BU
2X12mm BH Screw



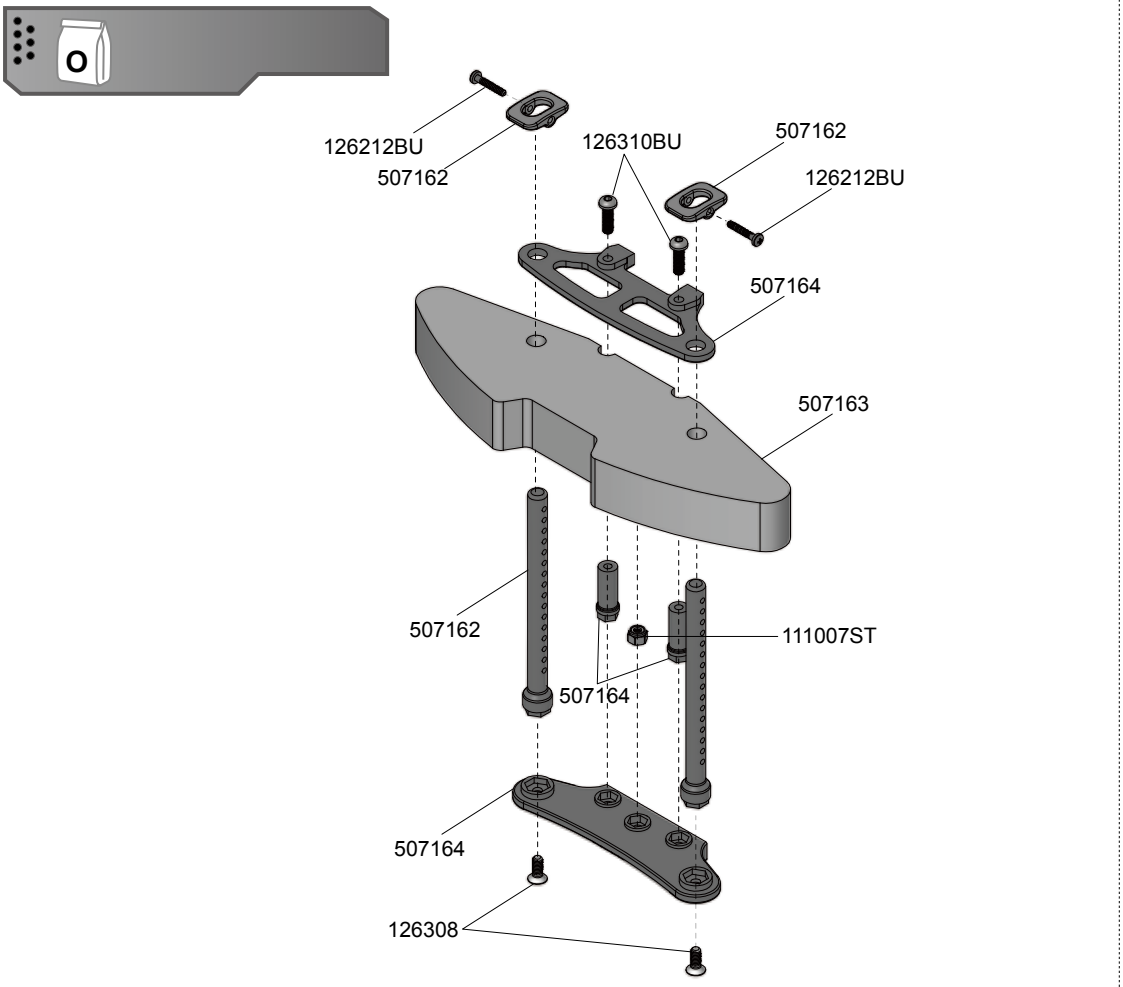
126310BU
3x10mm Button
Head Screw

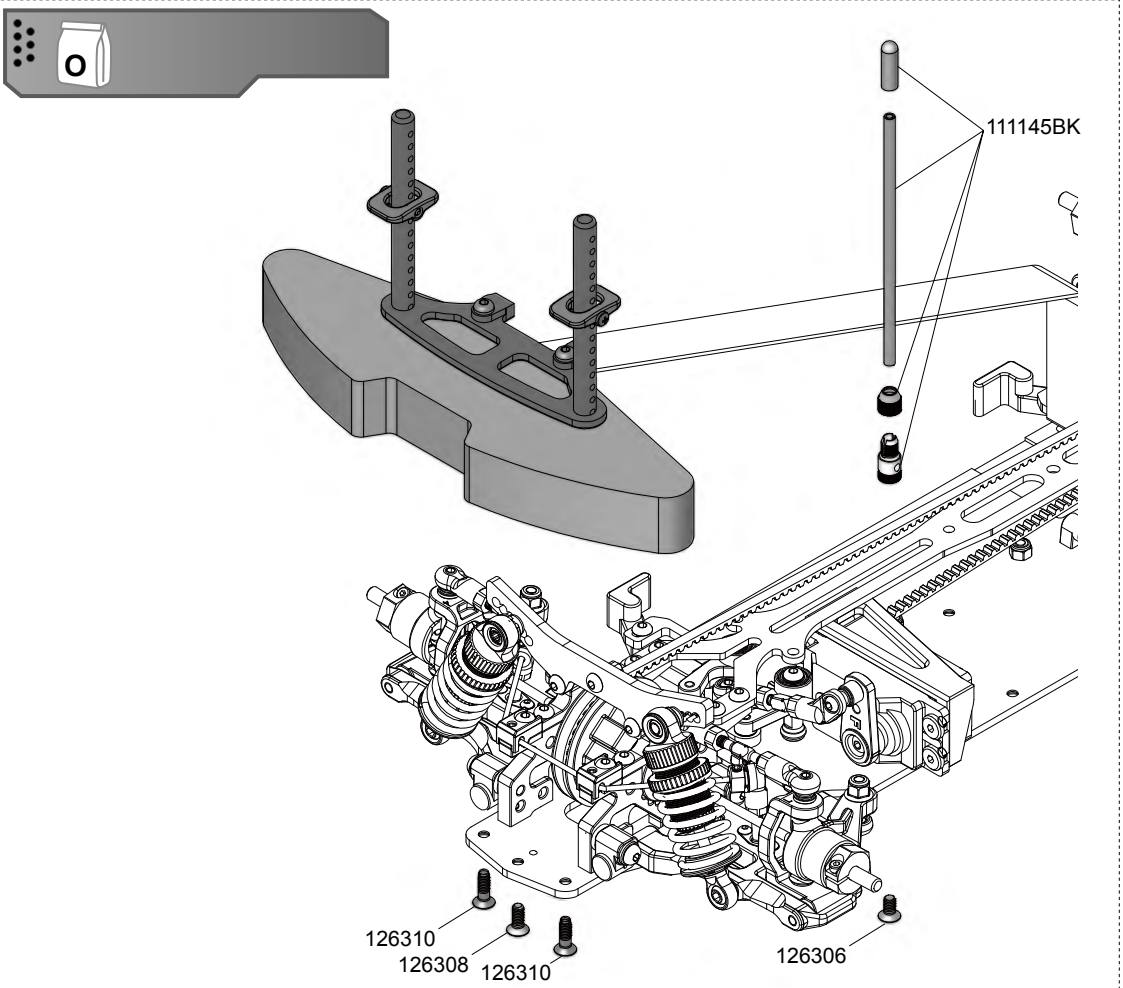


126306
3x6mm Steel FH
Screw



126310
3x10mm Steel FH
Screw









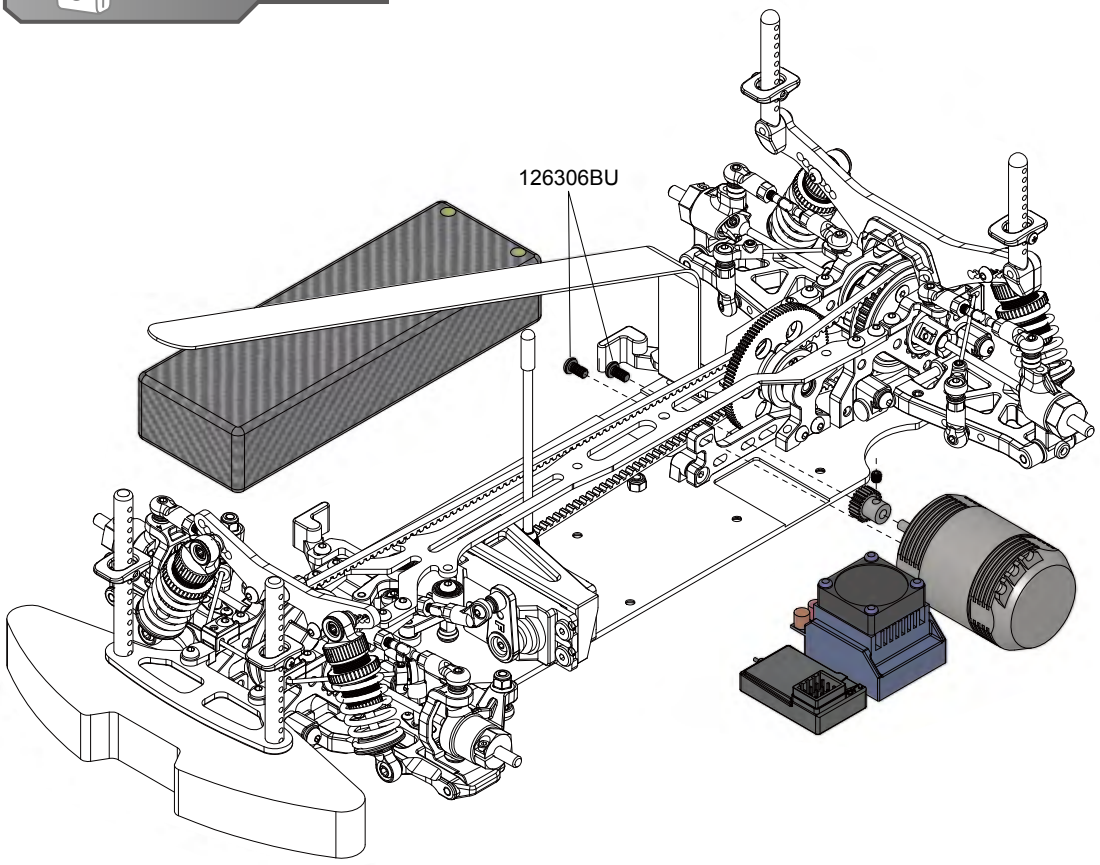
11046BK
4mm Alum. Flanged
Lock Nut (Thin)
(4) Black



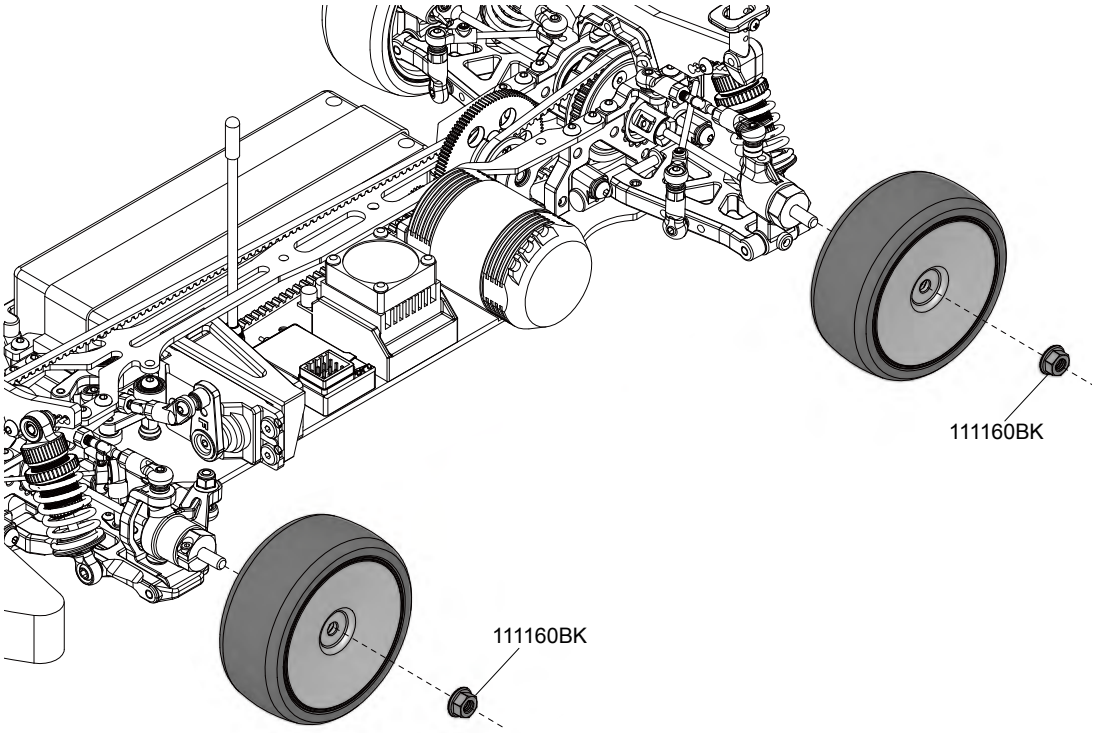


126306BU
3x6mm Steel Button
Head Screw

O

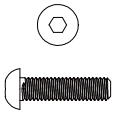


O





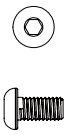
130114
3X6X1mm Washer



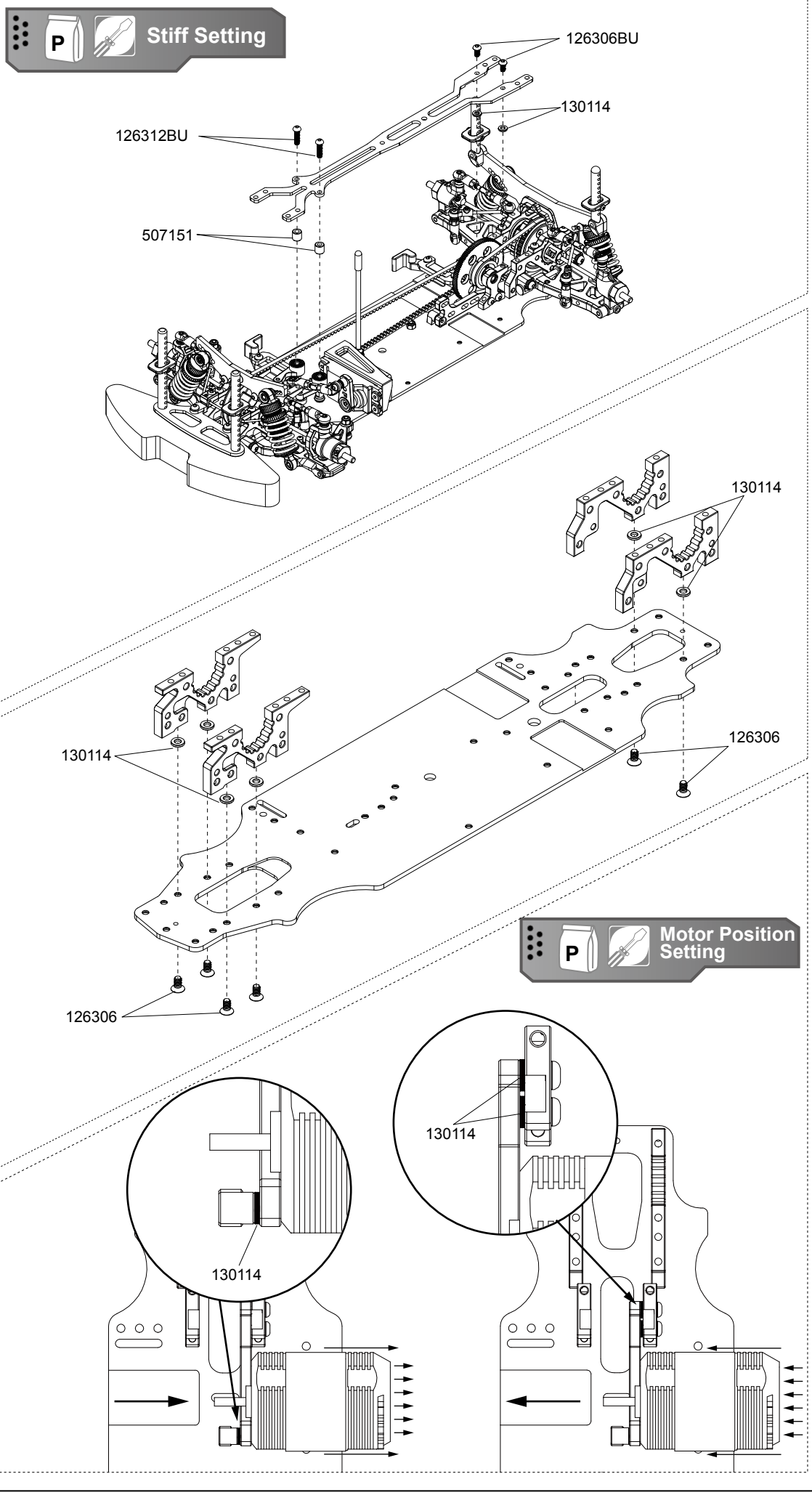
126312BU
3X12mm Steel Button Head Screw



126306
3x6mm Steel FH Screw



126306BU
3x6mm Steel Button Head Screw



Date: _____ Driver: _____

Event: _____ Track: _____

SETUP SHEET

TRACK CONDITIONS

Type : ☐ Carpet ☐ Asphalt

Place : ☐ Indoor ☐ Outdoor

Surface: ☐ Smooth ☐ Med. ☐ Bumpy

Size: ☐ Open ☐ Med. ☐ Tight

Traction: ☐ High ☐ Med. ☐ Low

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

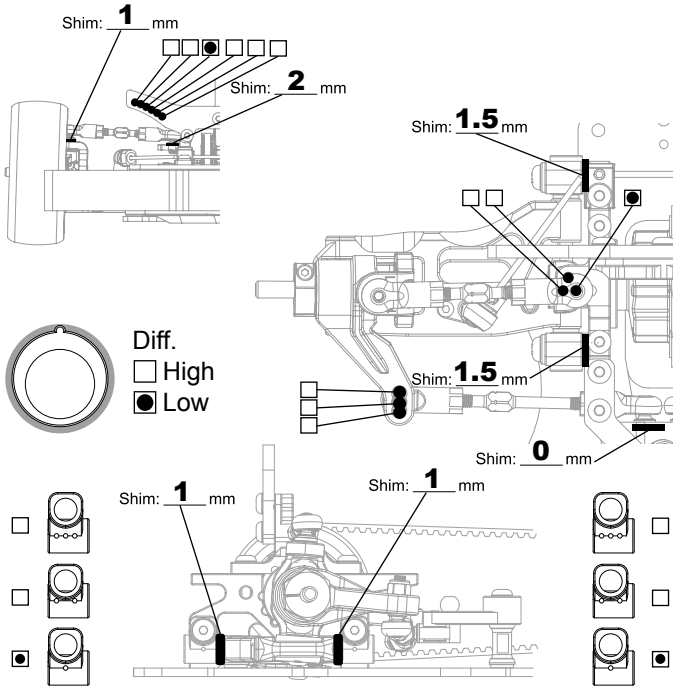
◉ Gear Diff 500000 wt

☐ Ball Diff

☐ One Way

☐ Spool

Anti-Roll Bar: ∅ 1.4 mm



REAR SUSPENSION

Track Width: 189 mm

Toe Angle: -3°

Camber: -1.5°

Ride Height: 5.5° mm

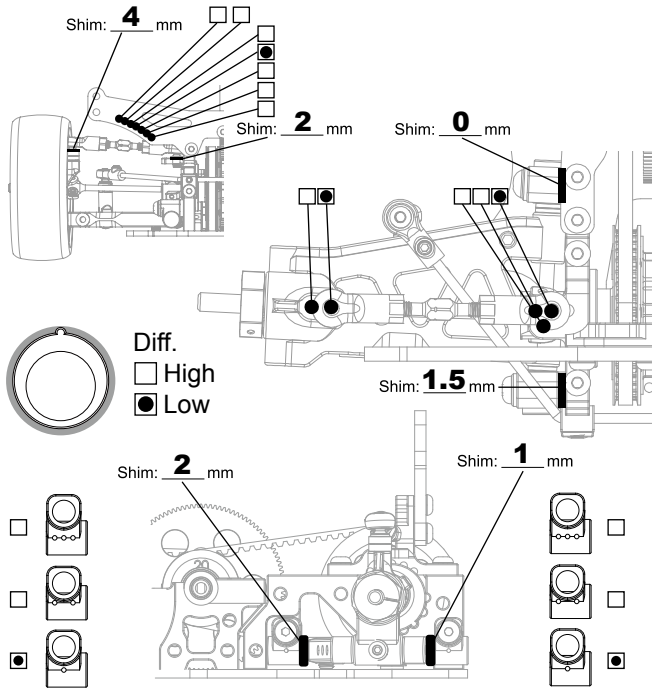
Down Stop: 5 mm

☐ Gear Diff 1000 wt

☐ Ball Diff

☐ Spool

Anti-Roll Bar: ∅ 1.2 mm



STIFF SETTING



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: _____

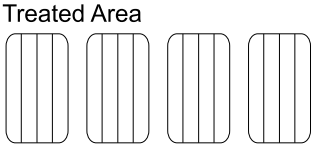
Shore/deg: _____

Compound: _____

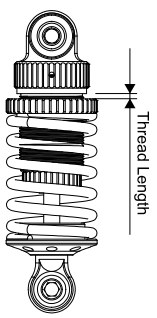
Tire Temp: _____

Tire additive: _____

Treated Area



SHOCKS



Hole Size: F 1.1 mm R 1.1 mm

Holes In Piston: F 3 R 3

Oil wt: F 600 R 600

Springs: F k-factory 27 R k-factory 25

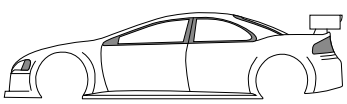
Rebound: F _____ R _____

Bladder Note: _____

_____

Thread Length: F _____ R _____

BODY



Body: _____

Wing Height: _____

Wing Position: _____

PARTS

Item No.	Item Description
507102	Alum. Rear Left Bulkhead
507103	Alum. Rear Right Bulkhead
507104	Alum. Front Bulkhead
507108	Alum. Steering Post (2)
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)
507119	Long Belt
507126	Alum. Dual Steering Arm Set
507127H	Front Suspension Arm-Hard Material (2)
507128	Front Suspension Pin (2)
507129	Suspension Arm Holder (2)
507130	Front Anti-roll Bar Rod (2)
507131	Alum. Bushing For Susp. Arm Holder (2)
507133	Rear Suspension Pin (2)
507136	Bushing For Caster Block (2+2)
507137	Universal Driveshaft (2)
507137-1	Steel Drive Shaft Only (2)
507137-2	Steel Universal Joint Outdriver (2)
507137-3	Pivot for 507137 (2)
507138	Universal Driveshaft Plastic Pin Cover (8)
507139	Steering Block (2)
507140	Alum. Wheel Adapter (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)
507151	Upper Plate Post (2)
507152	Quick Release Battery Strap
507161	Shock Membrane (4)
507162	Front Body Support (2)
507163	Sponge Bumper
507164	Bumper Mount Set
507165	Short Belt
507201	Chassis 2.3mm
507202	Alum. Motor Bulkhead
507203	Alum. Motor Bulkhead Support
507204	Alum. Main Shaft Right Bulkhead
507205	Alum. Main Shaft Left Bulkhead
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)
507212A	Front Spool Alum. Joints (2)
507213	Front Spool Set
507214	Low CG Front Shock Tower
507215	Alum. Bulkhead Upper Mount
507216	Low CG Rear Shock Tower
507217	Rear Body Support (2)
507218	Anti-Roll Bar Ball Cup (4)
507219	Caster Block (4 degree) (2)
507220	Front Anti-Roll Bar 1.4mm (1)
507221	Anti-Roll Bar Holder (4)
507222	Rear Anti-Roll Bar 1.2mm (1)
507223	Alum. One Piece Servo Mount
507224	Upper Plate 2.0mm
507225	Battery Holder Set
507226	Low CG Shock Absorber Set (2)
507227	Shock Piston 3 Holes (1.1mm)(4)
507228	Low CG Shock Shaft (2)
507229	Low CG Shock Body Set (2)
507230	Low CG Shock Lower Cap (2)
507231	Low CG Shock Upper Cap (2)
507232	Low CG Shock Small O ring Set (4)
507233	Low CG Shock Ball End & Nylon Set (4)
507234	Universal Driveshaft Nunchaku Type (2)
507234-1	Drive Shaft Only for Nunchaku (2)

Item No.	Item Description
507234-2	Joint for Nunchaku (2)
507234-3	Wheel Axel for Nunchaku (2)
507234-4	Joint Hing 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)
507235H	Rear Suspension Arm-Hard Material (2)
503117	5x4mm Ball Stud (6)
503121	5mm Ball Cup - Short (6)
503123	Alum. Anti-Roll Bar Ball (4)
503126	Alum. 3.1x6.5x3mm Washer (6)
503127	Steering Block 5x10mm Ball Stud (4)
503138	5x7mm Ball Stud (6)
503139	Caster Block Ball Cup (4)
503226	E4 Special Servo Disc Ball Cup (2)
111007ST	3mm Steel Locknut (10)
111145BK	Small Alum. Antenna Rod Mount (w/antenna rod) Black
111165	3mm Flanged Nut(10)
115033	5.8mm Hex Socket Steel Ball-Long Neck (6)
115034	5.8mm Hex Socket Steel Ball-Short Neck (6)
116132GD	3x20mm Adjustable Rod (2)-GD
116133GD	3x30mm Adjustable Rod (2)-GD
116134GD	3x40mm Adjustable Rod (2)-GD
116203	E-clip 5 (10)
116216	3x6x1mm Alum. Washer (6)
116219	3x6x2mm Alum. Washer (6)
116226	3.1x4.8x0.5mm Shim (10)
116227	E-clip 2.0 (10)
116228	2x9.0mm Pin (10)
116238	2x12.8mm Pin (10)
116240	2x9.8mm Pin (10)
116242	EVA Tape 3x14cm
126204BU	2x4mm Steel Button Head Screw (6)
126206C	2x6mm Cap Screw (6)
126302S	3x2mm Set Screw (6)
126303S	3x3mm Set Screw (6)
126304BU	M3X4mm BH Screw(10)
126305BU	3x5mm Steel Button Head Screw (6)
126306	3x6mm Steel FH Screw (6)
126306BU	3x6mm Steel Button Head Screw (6)
126308	3x8mm Steel F.H. Screw (6)
126308S	M3X8mm Set(10)
126308SE	3x8mm Steel Flat Round Servo Mount Screw (6)
126308BU	3x8mm Steel Button Head Screw (6)
126310	3x10mm Steel F.H. Screw (6)
126310BU	3x10mm Button Head Screw (6)
126310S	3x10mm Set Screw (6)
126312C	3x12mm Cap Screw (6)
126314BU	3x14mm Button Head Screw (6)
126316BU	M3X16mm BH Screw(10)
126408S	4x8mm Set Screw (6)
130103	4.2x10x0.2mm Shim (6)
130111	2.6X6X0.5mm Washer(10)
130114	3X6X1mm Washer(10)
130122	3x6x0.5mm Washer (10)
130124	3x7.5x1.5mm Washer (10)
130125	3x6x4mm Alum. Washer (6)
130129	5.2x12x0.2 Washer (10)
150306ST	3x6x2.5mm Steel Bearing(4)
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)
K4901-25	LX Touring Shock Spring 13x23.5mm #25
K4901-27	LX Touring Shock Spring 13x23.5mm #27
K6601-110	Special Precision 64P Spur Gear 110T
K6330-1000	K Factory Diff Oil 40ml #1000
K6330-500000	K Factory Diff Oil 40ml #500000



THE POWER OF TEAM MAGIC

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