

RAPTOR 1:8 GT NITRO

Instruction Manual





SETUP *The default setup proposed in this instruction manual can be considered a pretty good starting point for assembling your RAPTOR GT, but a further fine tuning according to your driving style, type of track and environmental conditions will be a key aspect for preparing a high performance race model.*

INSTRUCTIONS *The exploded views will drive you step by step through the different assembling phases and show all the parts you need.*

SAFETY

This is a highly technical hobby product intended to be used in a safe racing environment.

Only operate this car in a safe environment, like a special racing track or a closed parking lot. Avoid using this car on public roads, crowded places or near infants. Before operating this car, always check the mechanical status of the car. Check that the batteries of the transmitter and receiver are fully charged.

Avoid using this car in wet conditions as the water will cause corrosion on the metal parts and bearings and these parts will cease to function properly. If driven in the wet, ensure that all the electric equipment is waterproofed and after use, that all moving parts are dried immediately.

BAG 1

Parts included in the bag



3

Code	Part Name		Qty
GT10204	Shock Body		4
GT10205	Teflon Coated Shock Shaft		4
GT10207-1.3x8	Shock Piston 1.3x8Holes		4
GT10208	Shock Seal Cap O-Ring		4
GT10209	Shock Body Seal O-Ring		8
GT10210	Shock Seal Cap		4
GT10211	Shock Ball Joint		4
GT10211	Pivot Ball 6mm		4
GT10212	Shock Spring Holder		4
GT10213	Shock Spring Adjust Nut		4
GT10213	Shock Spring Adjust Nut O-Ring		4

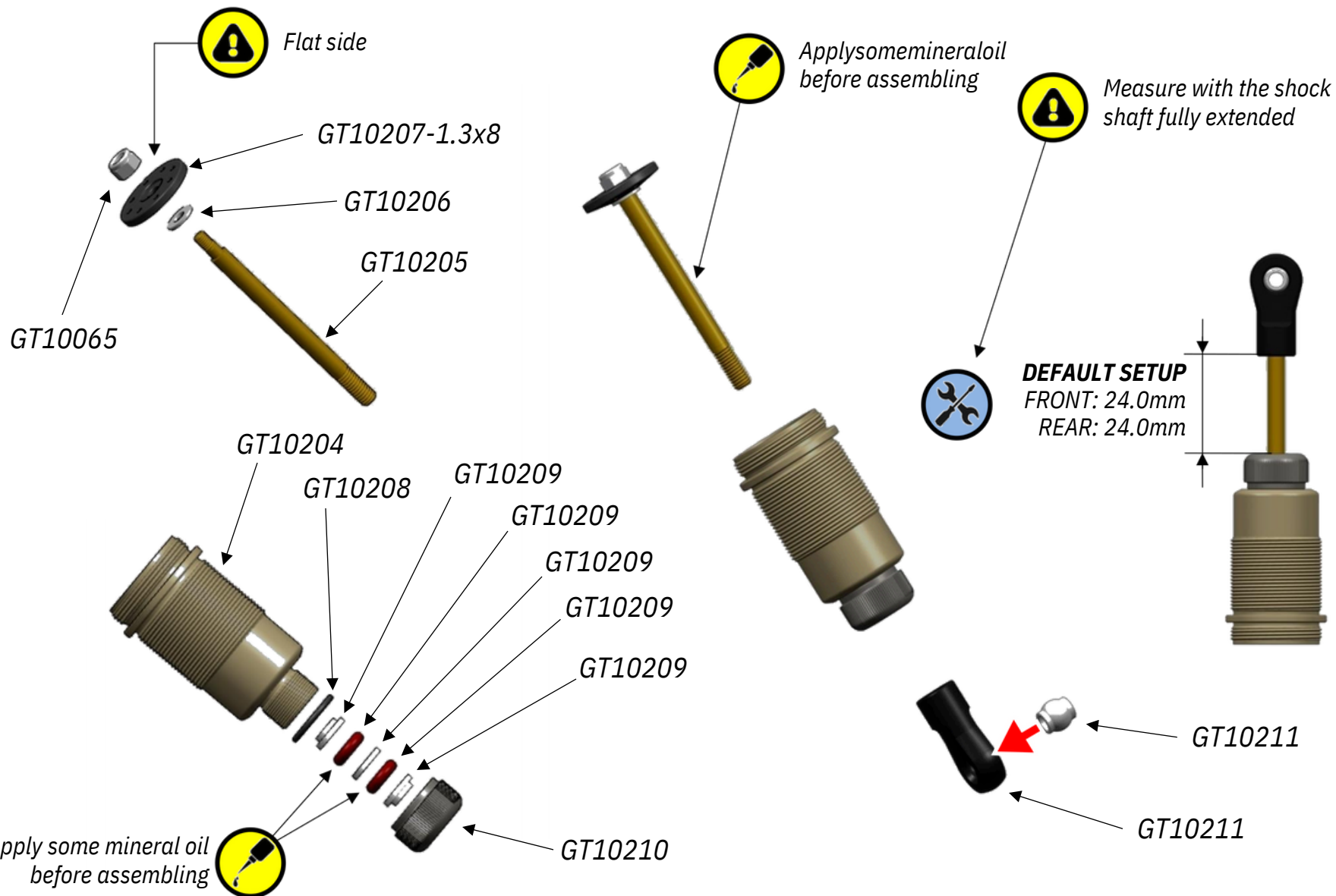
Code			Qty
GT10214-M	Shock Bladder		4
GT10215	Medium Shock Cap		4
GT10215	Shock Cap Ball Bushing		4
GT10217-5.0	Blue Spring		2
GT10216-4.75	Purple Spring		2
GT10206	Shim 2.6x6x0.6		4
GT10209	Shock Body Seal Washer 3.5x7x1.0		4
GT10209	Shock Body Seal Washer 3.6x7x2.5		8
GT10065	Self-locking Nut M2.5		4
GT10215	Shock Screw M2.0x4.6		4

ShockAbsorbers –Step 0

BUILD 4X



4



BAG 1

ShockAbsorbers –Step 1

BUILD 4X



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DEFAULT SETUP

FRONT: 1000cSt

REAR: 1000cSt



FILL SHOCK AS FOLLOWS

1. Extend the shock shaft completely
2. Fill up the shock body fully with silicone oil (not included)
3. Move the shock shaft slowly up and down to let all air bubbles escape from oil

Insert the O-Ring inside the shock spring adjust nut

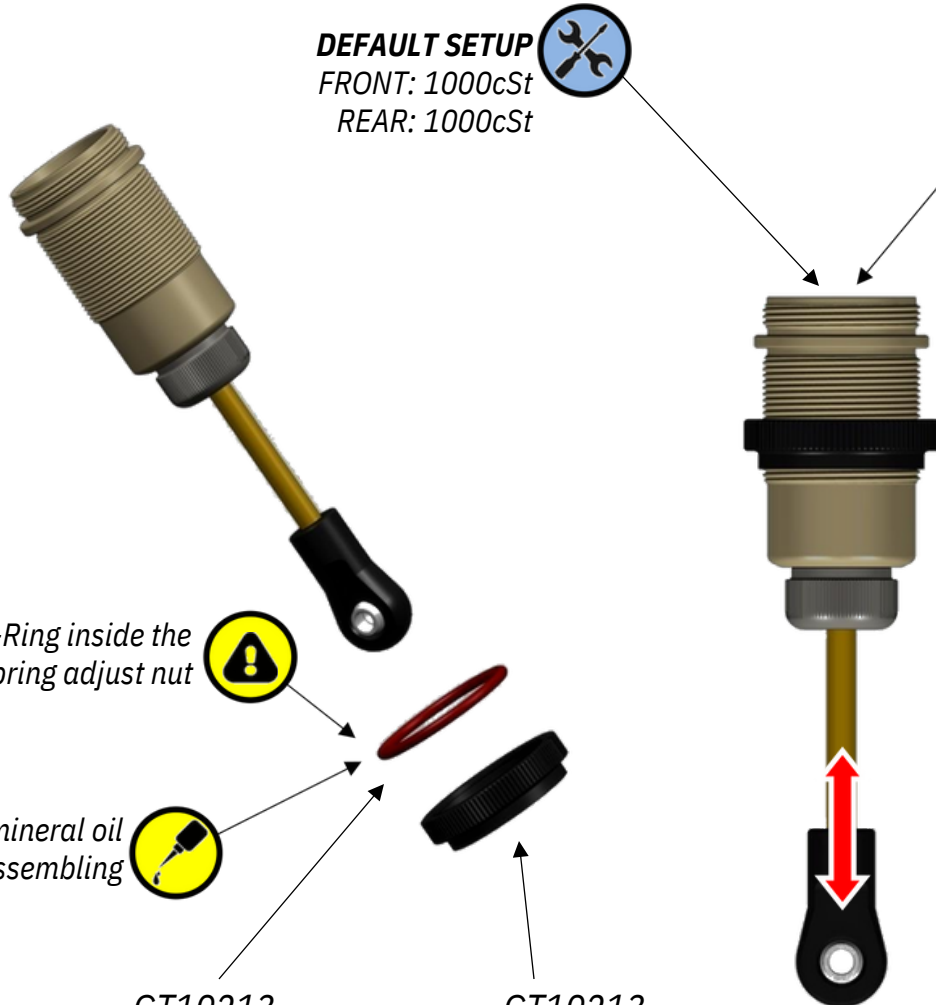


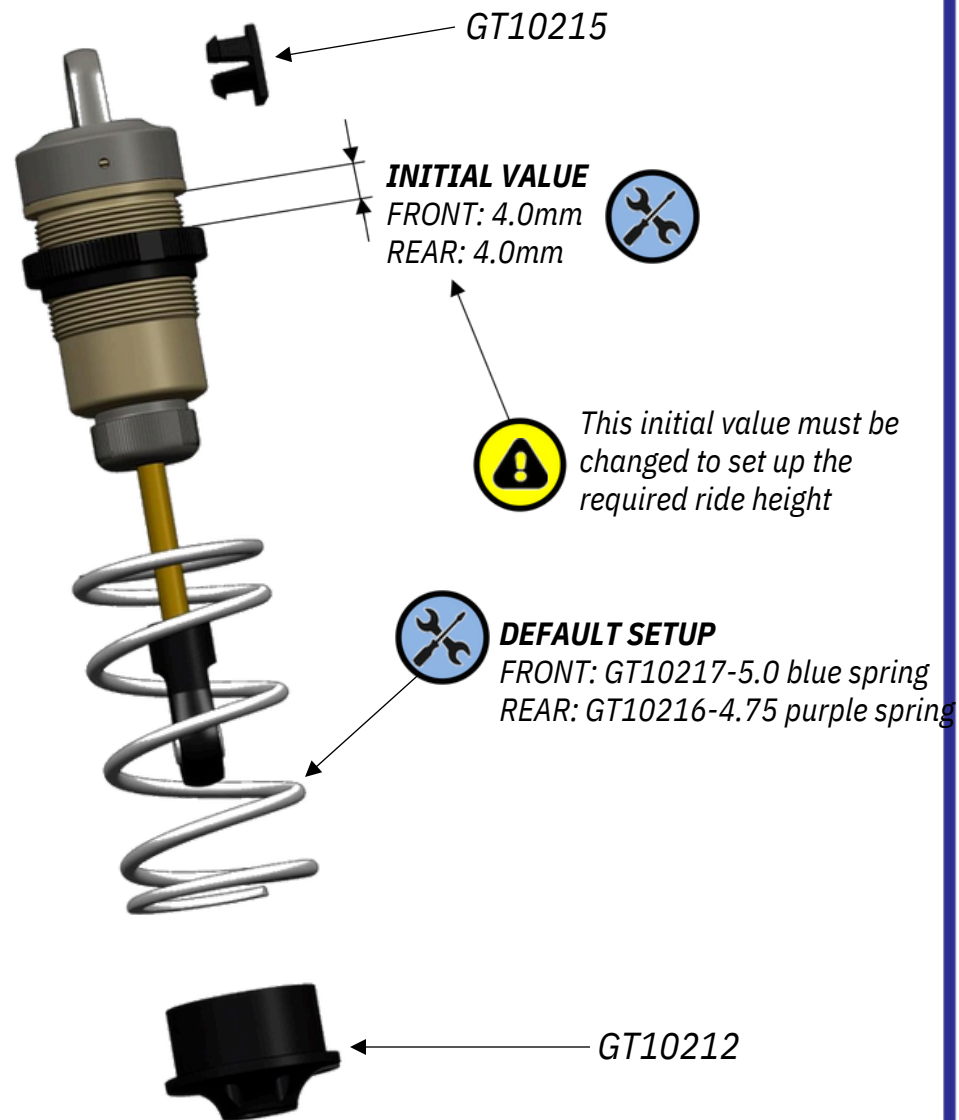
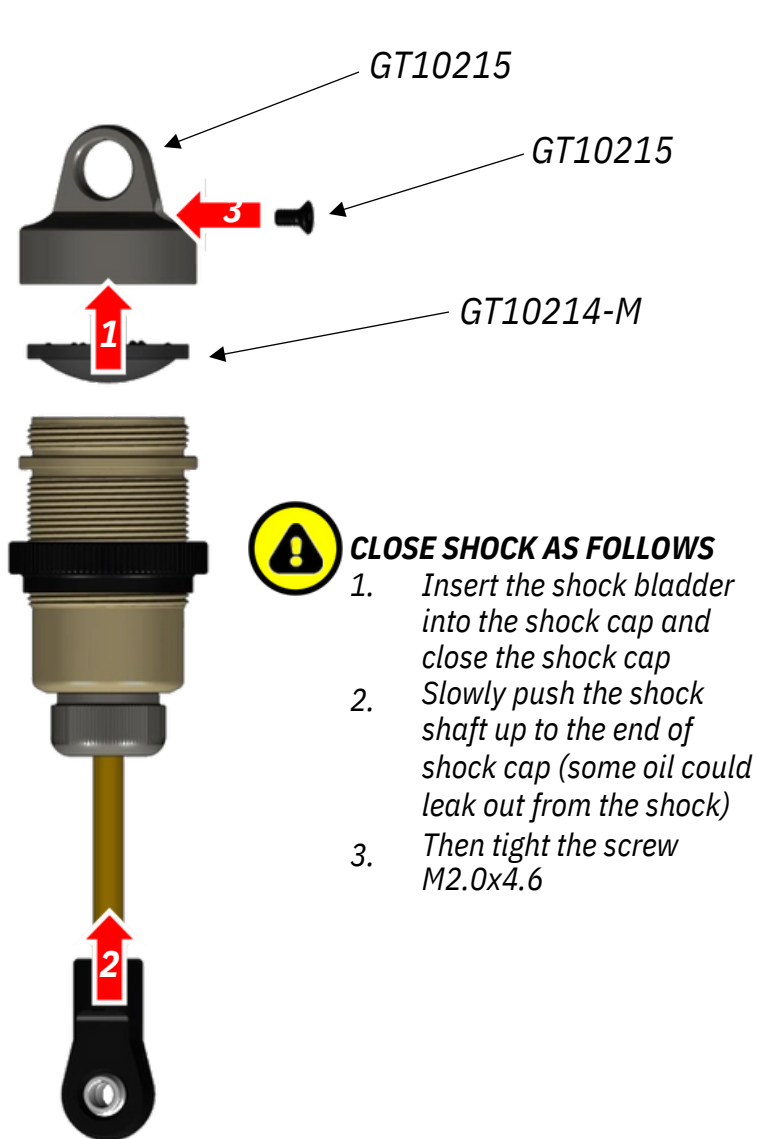
Apply some mineral oil before assembling



GT10213

GT10213





BAG 2

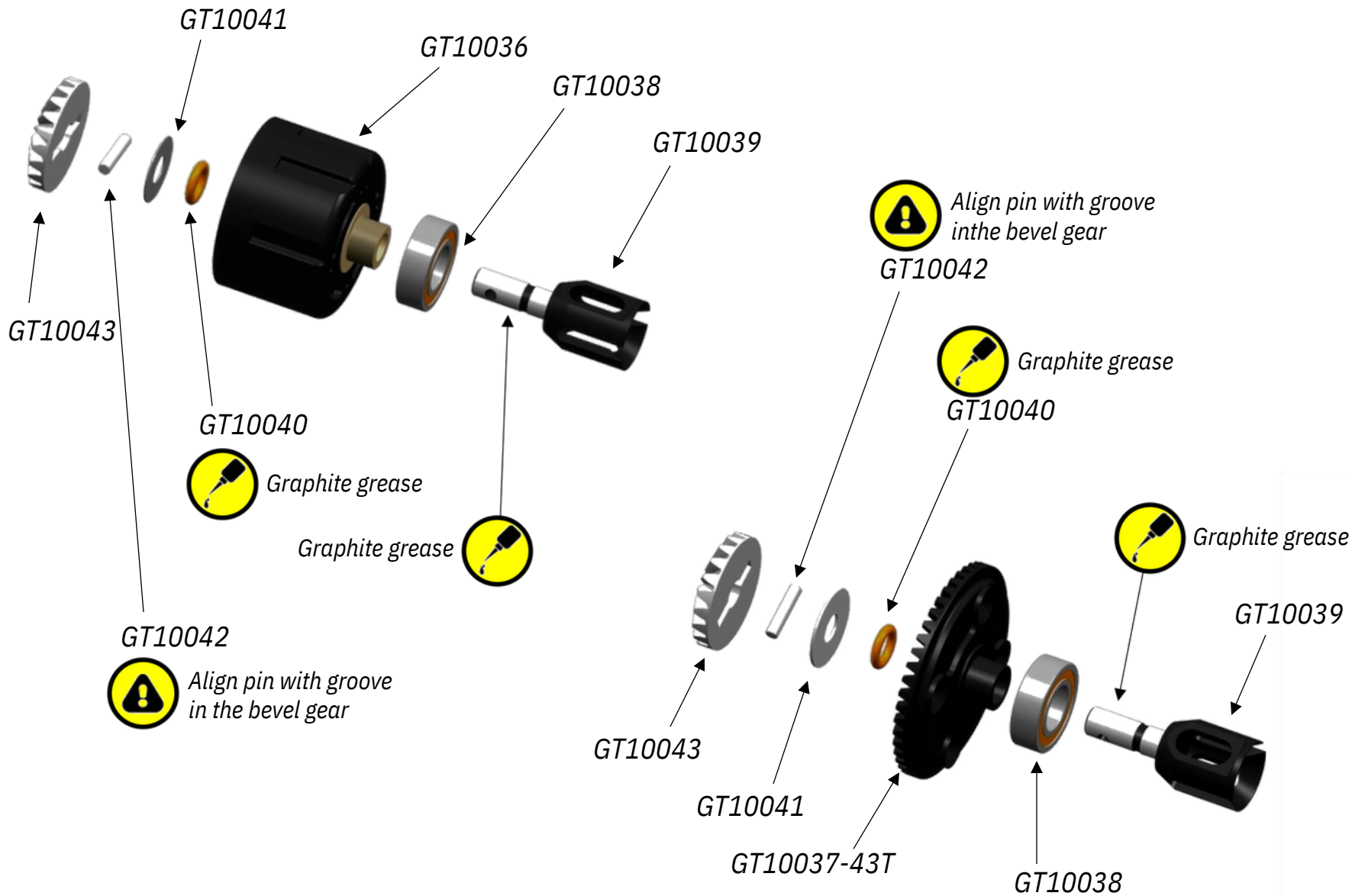
Parts included in the bag



7

Code	Part Name		Qty
GT10036	Differential Case		2
GT10037-43T	Crown Gear 43T		2
GT10039	Differential Outdrive		4
GT10043	Differential Bevel Gear 20T		4
GT10043	Differential Bevel Gear 10T		8
GT10043	Bevel Gear Shaft		4
GT10044	Differential Paper Gasket		2
GT10040	O-Ring 4.8X1.5		4
GT10038	Bearing 8x16x5		4
GT10042	Parallel Pin 2.2x9.9		4
GT10043	Washer 3.5x10x0.2		8

Code	Part Name		Qty
GT10041	Washer 5x12x0.3		4
GT10045	Countersunk HeadCap Screw M3x12		8



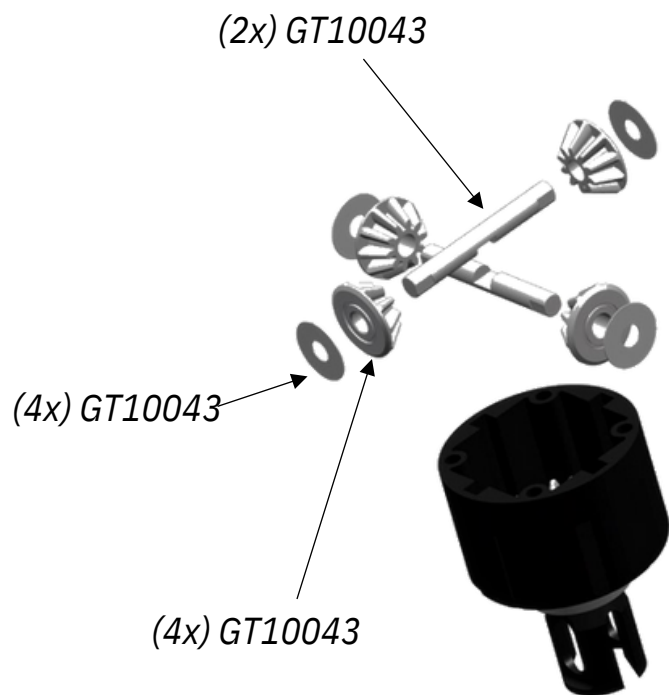
BAG 2

Differentials – Step 1
Pre-assembly

BUILD **2X**



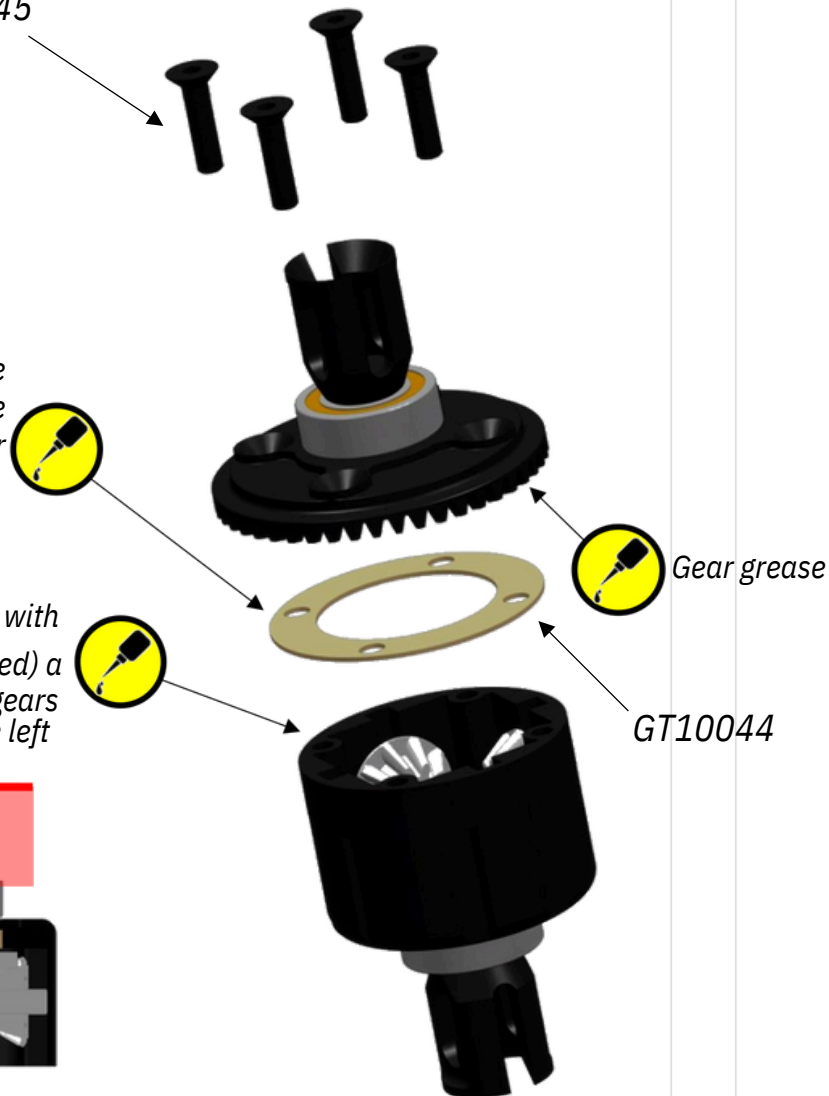
9



(4x) GT10045

Use graphite
grease to coat the
differential paper
gasket before
installation

Fill the differential with
silicon oil (not included) a
bit above the bevel gears
as shown on the left



DEFAULT SETUP
FRONT: 1.000.000cSt
REAR: 40.000cSt



BAG 3*Parts included in the bag*

10

<i>Code</i>	<i>Part Name</i>		<i>Qty</i>
GT10046	Differential Pinion Holder		2
GT10048	Differential Shaft Driver		2
GT10049-13T	Pinion Gear 13T		2
GT10047	OR 13x1		4
GT10050	Flanged Bearing 5x13x4		4
GT 10051	Grub Screw M5x4		2

BAG 3

Differential Pinion Holders

BUILD 2X

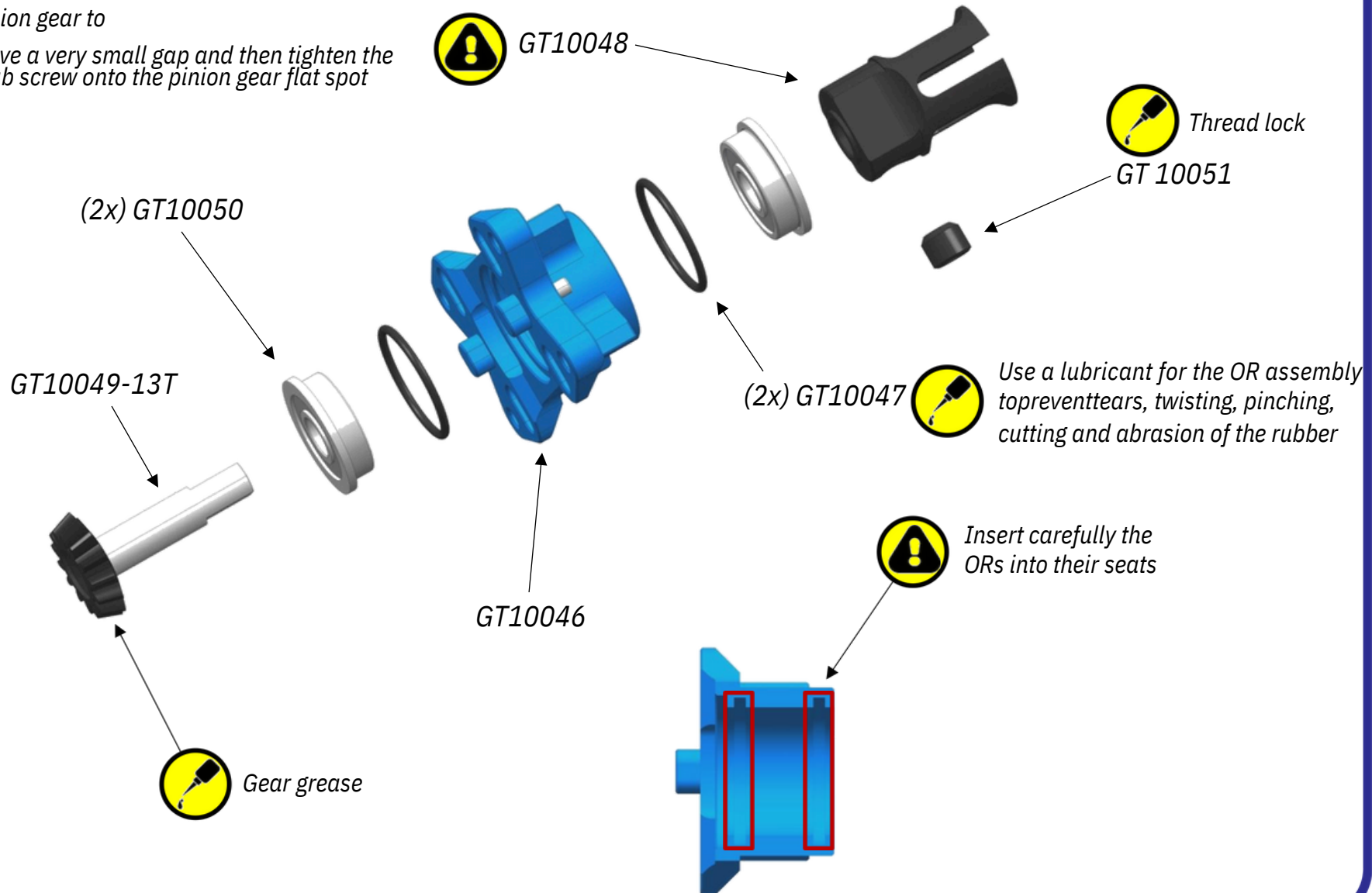


11

Pre-assembly Push the shaft driver against the

pinion gear to

leave a very small gap and then tighten the grub screw onto the pinion gear flat spot



BAG 4*Parts included in the bag*

12

Code	Part Name		Qty
GT10055	Rear Bulkhead		2
GT10052	Bulkhead Cap		2
GT10068	Shock Column		2
GT10059	Rear Shock Tower		1
GT10056-13	Suspension Square Bushing 13		2
GT10069	Chamfered Washer M3		2
GT10070	Countersunk HeadCap Screw M3x10		2
GT10054	Socket Head Cap Screw M3x10		8
GT10057	Countersunk HeadCap Screw M4x8		4
GT10058	Countersunk HeadCap Screw M4x10		4

BAG 4

RearBulkhead –Step 0



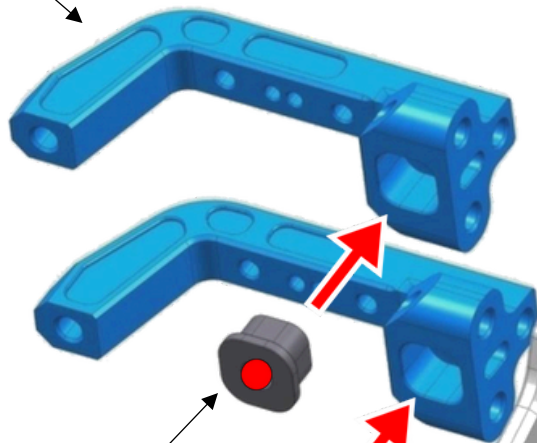
13

The chassis is
included the box



GT10180

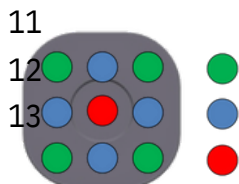
(2x) GT10055



SQUARE BUSHING
DEFAULT SETUP 13



(2x) GT10056-13



Thread lock

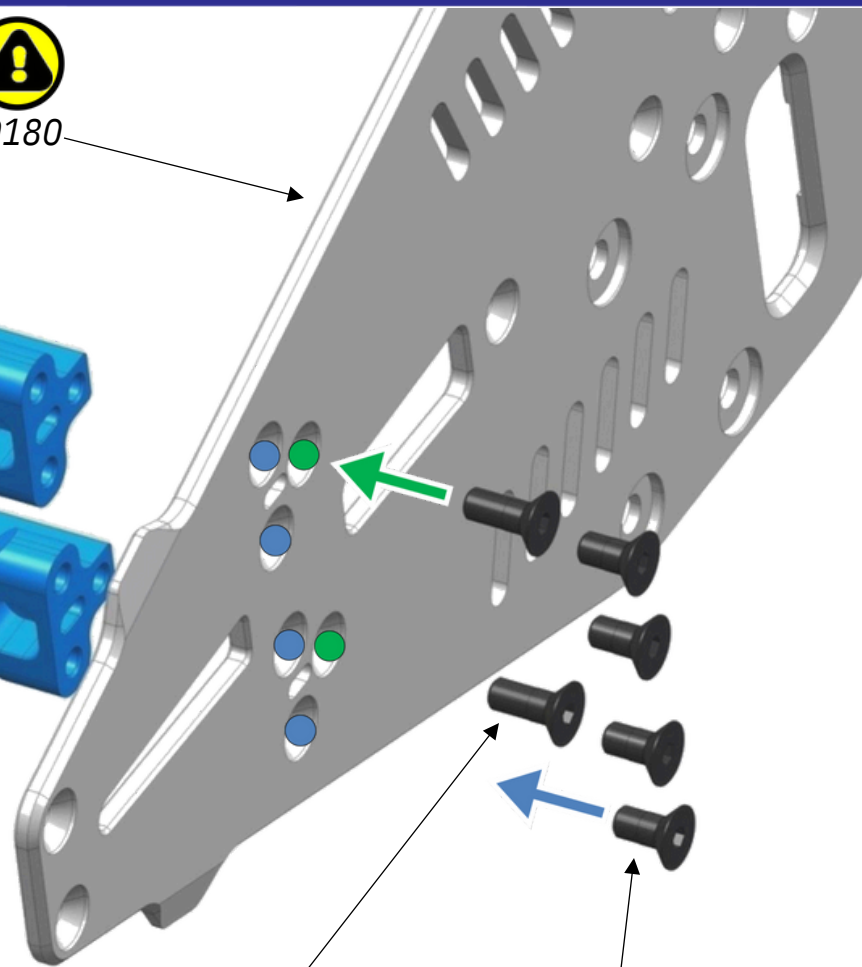


(2x) GT10058

Thread lock



(4x) GT10057

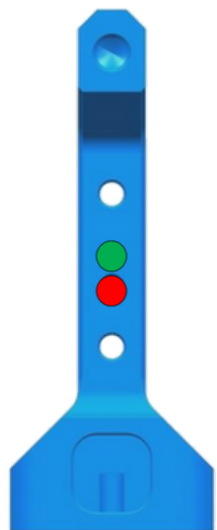


BAG 4

RearBulkhead –Step 1



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● High Position

● Low Position

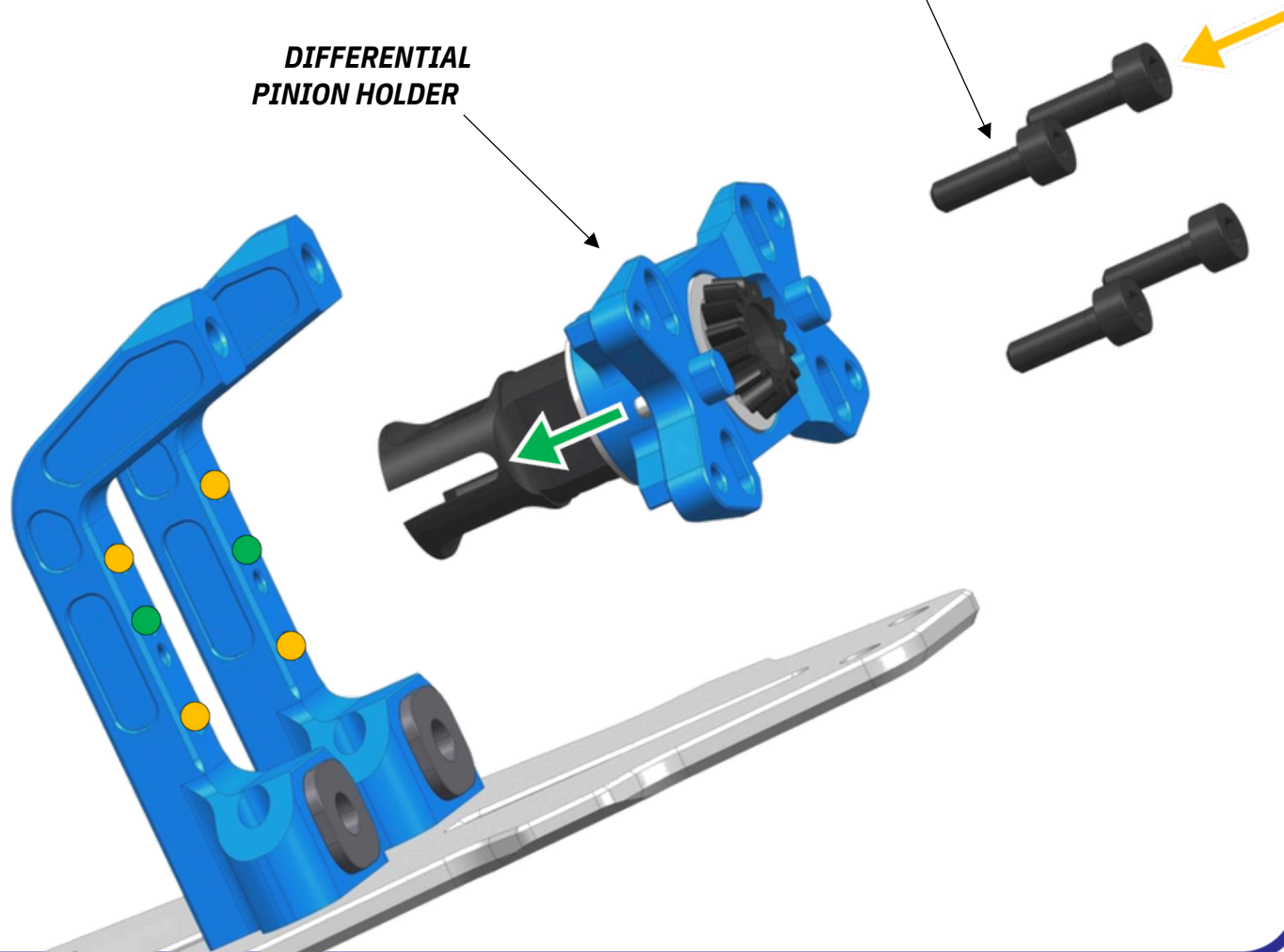
DEFAULT SETUP

High Position



**DIFFERENTIAL
PINION HOLDER**

Thread lock  (4x) GT10054



To OPEN the PLAY between the differential crown gear and pinion drive add one shim here

(note: 0.1mm thickness shim, not included, can be used for fine tuning of gearmesh)



REAR DIFFERENTIAL

To OPEN the PLAY between the differential crown gear and pinion drive add one shim here

(note: 0.1mm thickness shim, not included, can be used for fine tuning of gearmesh)



(2x) GT10052



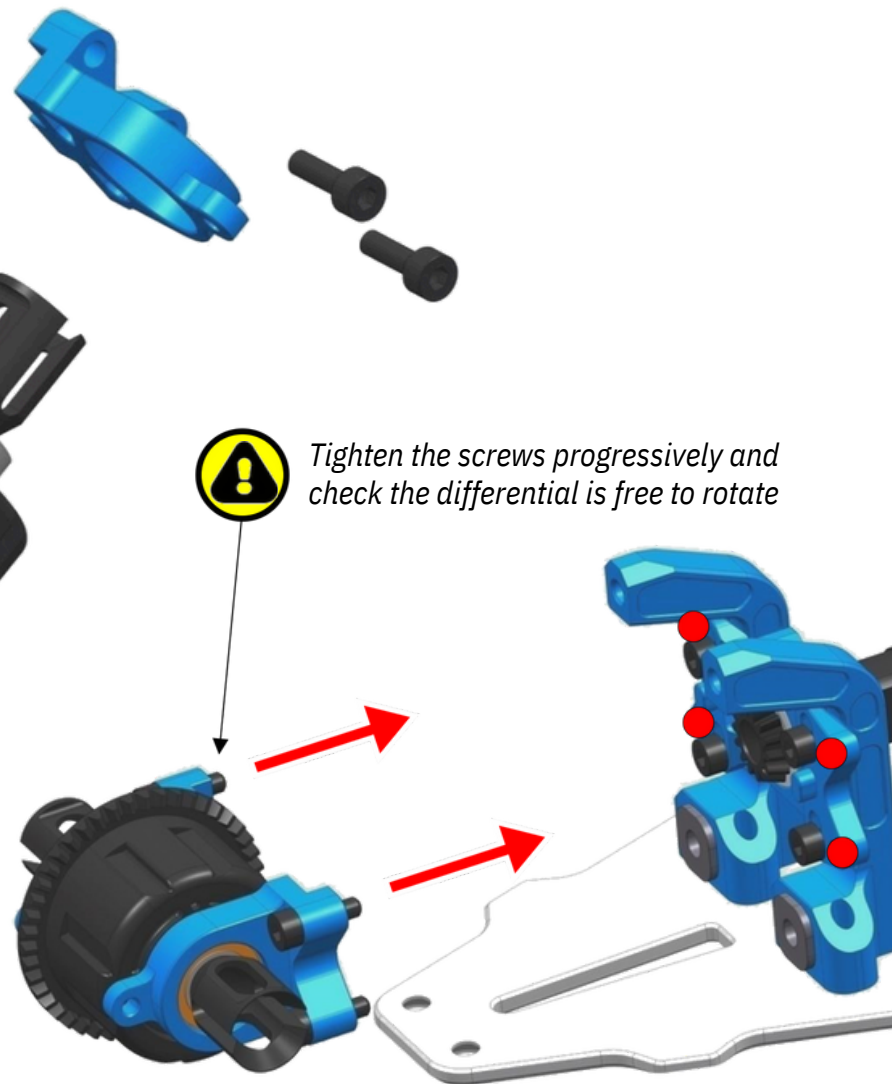
Thread lock



(4x) GT10054



Tighten the screws progressively and check the differential is free to rotate

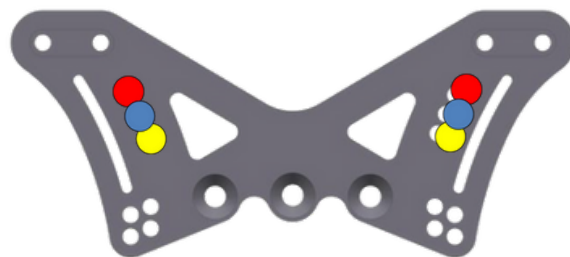


BAG 4

RearBulkhead –Step 3



16



- High Position
- Medium Position
- Low Position

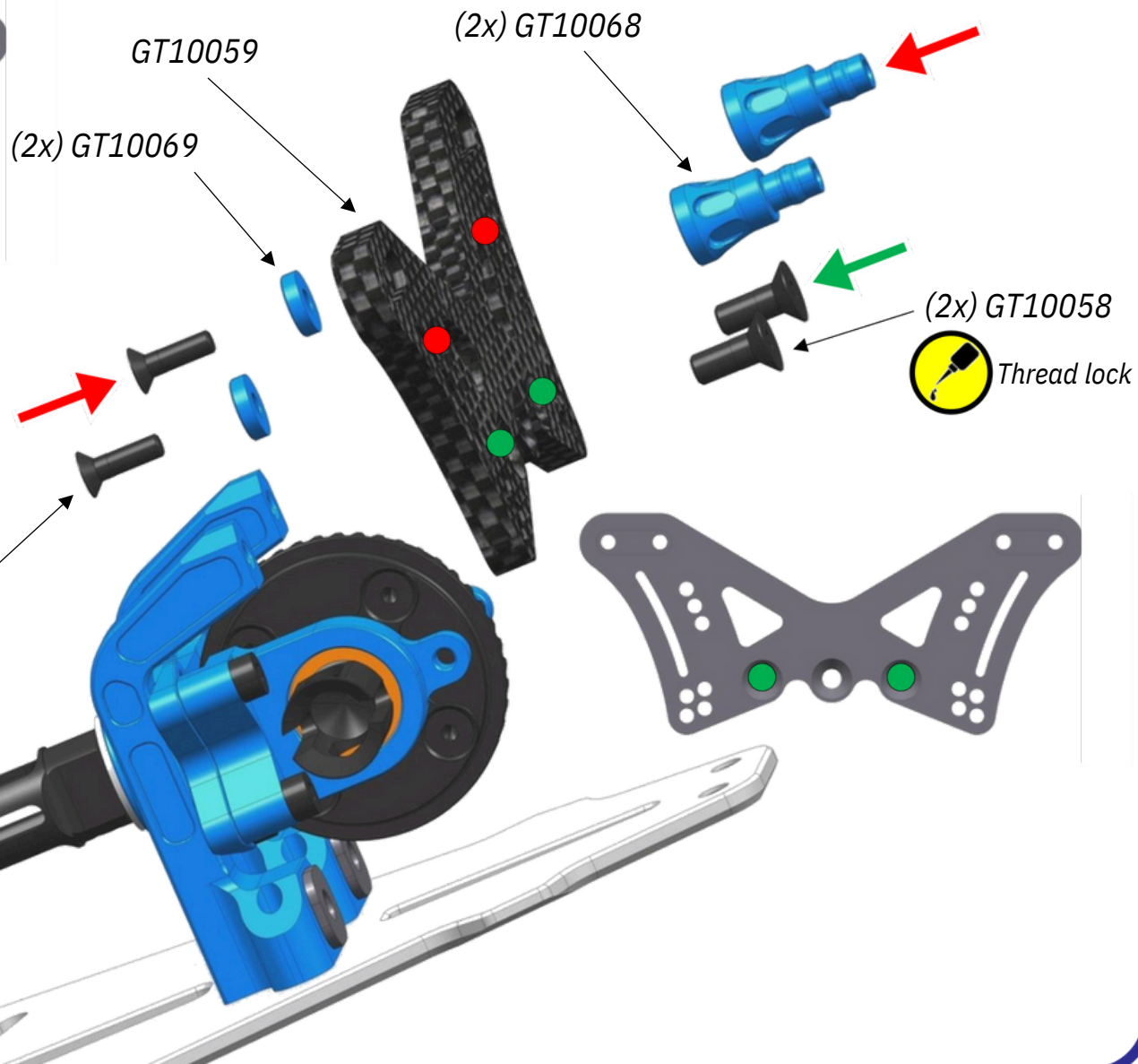
**REAR SHOCK ABSORBER
DEFAULT SETUP**
High Position



Thread lock



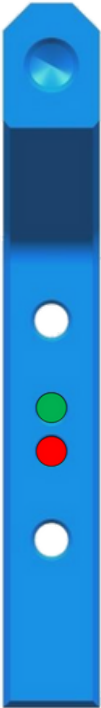
(2x) GT10070



BAG 5*Parts included in the bag*

17

Code	Part Name		Qty
GT10072	Front Bulkhead		2
GT10052	Bulkhead Cap		2
GT10068	Shock Column		2
GT10073	Front Shock Tower		1
GT10069	M3 Countersunk HeadCap		2
GT.10070	Screw M3x10 Socket Head Cap		2
GT10054	Screw M3x10 Countersunk Head Cap		8
GT10057	Screw M4x8 Countersunk Head Cap		4
GT10058	Screw M4x10		2



- High Position
- Low Position

DEFAULT SETUP
High Position



(2x) GT10072

Thread lock



(4x) GT10057

**DIFFERENTIAL
PINION HOLDER**

Thread lock



(4x) GT10054

To OPEN the PLAY between the differential crown gear and pinion drive add one shim here

(note: 0.1mm thickness shim, not included, can be used for fine tuning of gear mesh) 

REAR DIFFERENTIAL

To OPEN the PLAY between the differential crown gear and pinion drive add one shim here

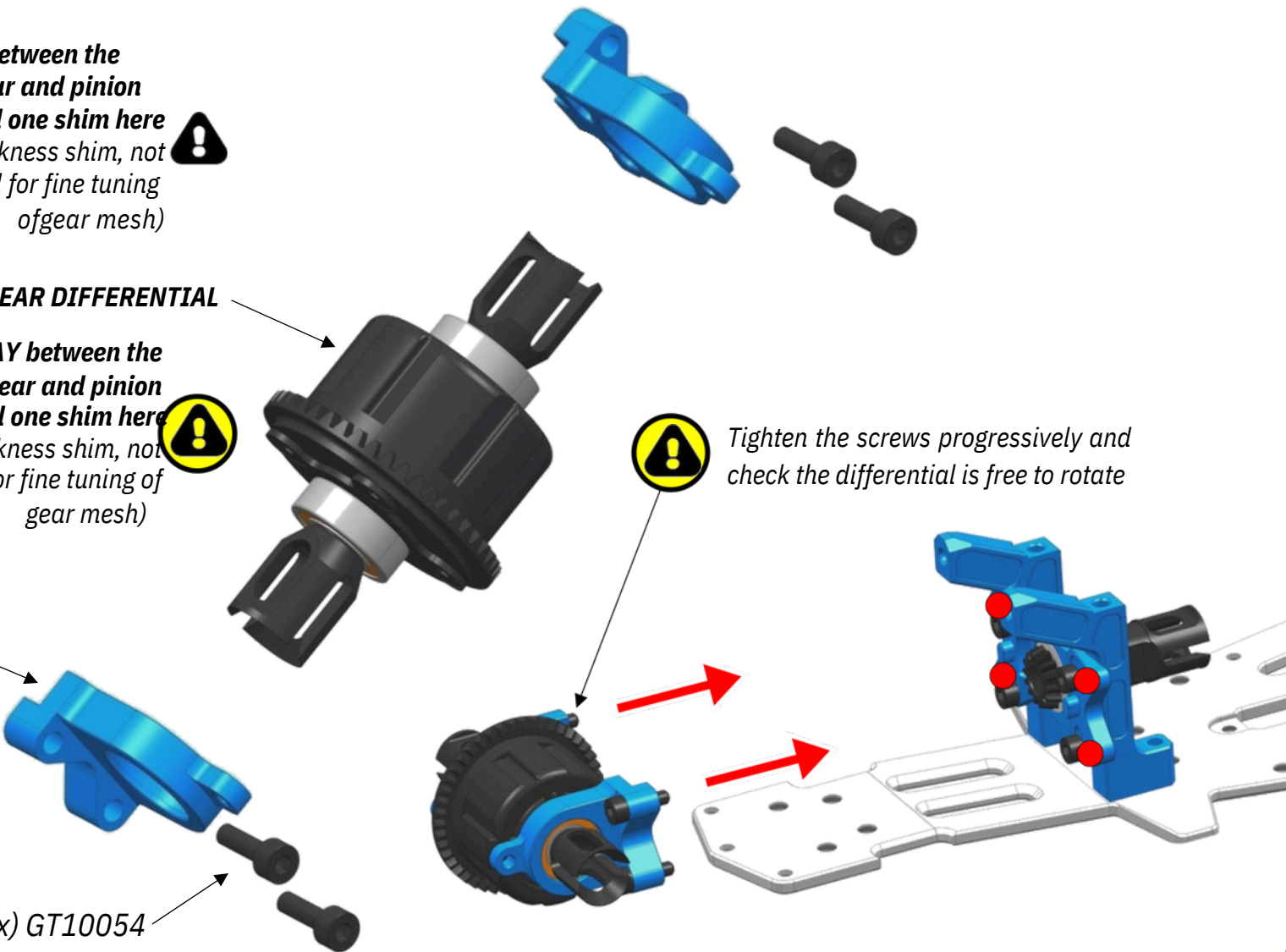
(note: 0.1mm thickness shim, not included, can be used for fine tuning of gear mesh) 

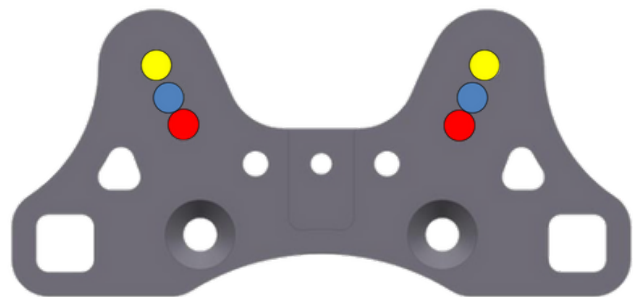
(2x) GT10052

Thread lock

(4x) GT10054

 Tighten the screws progressively and check the differential is free to rotate



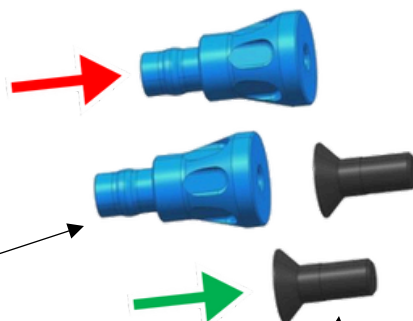


- High Position
- Medium Position
- Low Position

**FRONT SHOCK ABSORBERS
DEFAULT SETUP**
Low Position



(2x) GT10068



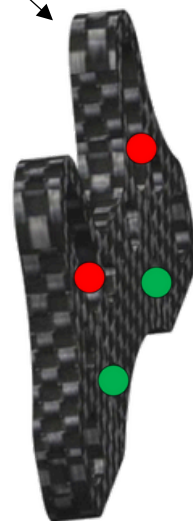
Thread lock



(2x) GT10058

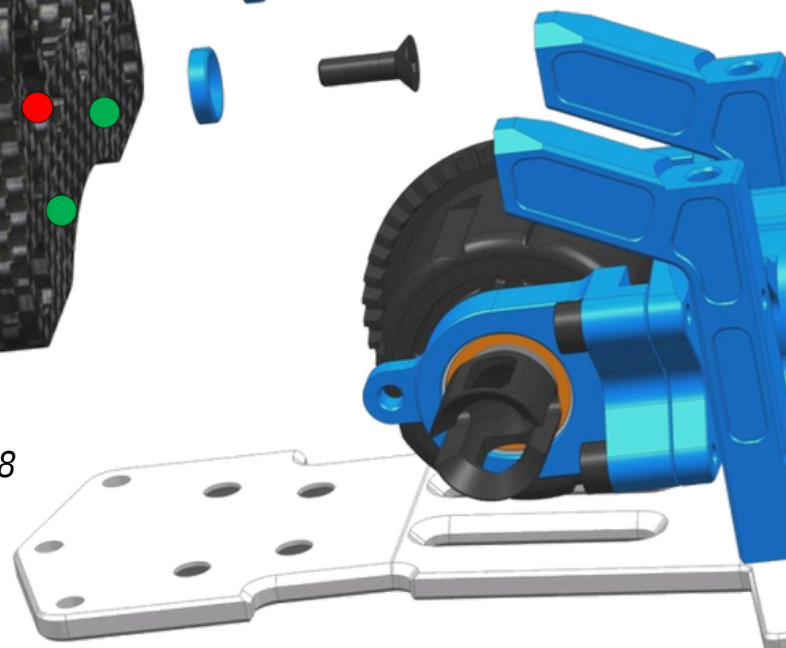
GT10073

(2x) GT10069



Thread lock

(2x) GT.10070



BAG 6

Parts included in the bag



21

Code	Part Name	Qty
GT10135	Rear Lower Suspension Arm 	2
GT10139	Shock Suspension Arm Extension 	2
GT10108	Rear Lower Suspension Arm Holder 	1
GT10109	Rear Lower Suspension Arm Holder Cap 	1
GT10141	Suspension Bushing 	4
GT10056-16	Suspension Square Bushing 16 	2
GT10142	Parallel Pin 4x55 	2
GT10145	Down-stop Screw 	2
GT10183	Socket Head Cap Screw M2.5x8 	4
GT10004	Countersunk Head Cap Screw M3x8 	2
GT10057	Countersunk Head Cap Screw M4x8 	2

Code	Part Name	Qty
GT10146	Nylon Wire 	

BAG 6

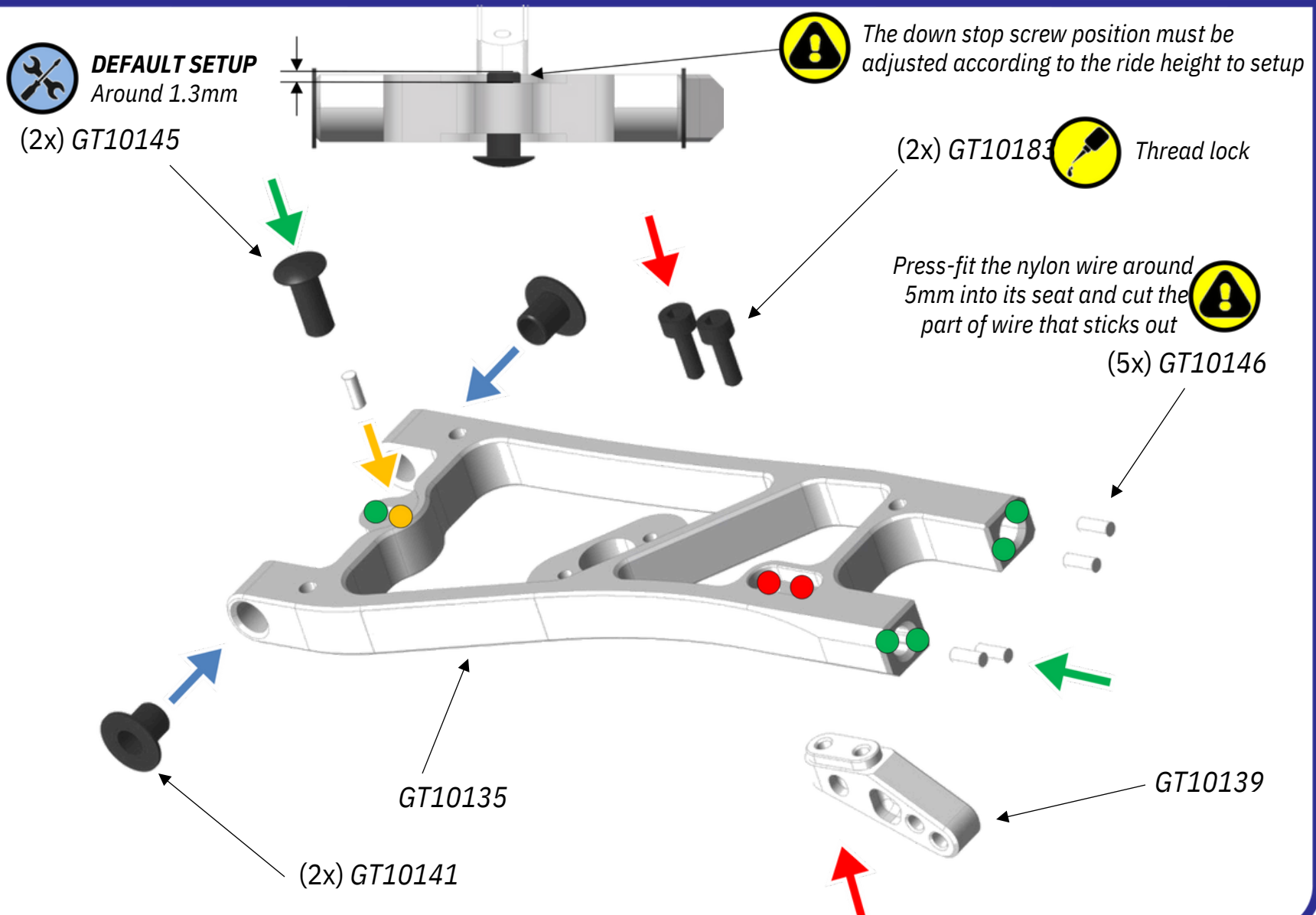
RearLower Suspension Arms -Step 0

Suspension Arms Pre-assembly

BUILD **2X** L/R



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BAG 6

RearLower Suspension Arms -Step 1



23



- 1
- 4
- 1
- 5

SQUARE BUSHING
DEFAULT SETUP
16

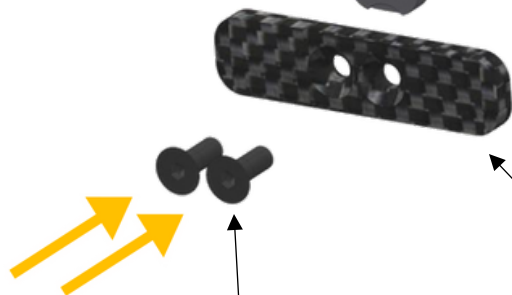


(2x) GT.10056-16

GT10108

LEFT REAR LOWER
SUSPENSION ARM

RIGHT REAR LOWER
SUSPENSION ARM



(2x) GT10004



Thread lock

GT10109



The arm holder cap must be mounted after the arm holder has been screwed to the chassis

Thread lock



(2x) GT10057

(2x) GT10142

BAG 7*Parts included in the bag*

24

Code		Qty
GT10147	Front Lower Suspension Arm 	2
GT10139	Shock Suspension Arm Extension 	2
GT10110	Front Lower Suspension Arm Holder 	2
GT10141	Suspension Bushing 	4
GT1005-4	Suspension Square Bushing 4 	4
GT10148	Parallel Pin 4x70 	2
GT10145	Down-stop Screw 	2
GT10183	Socket Head Cap Screw M2.5x8 	4
GT10058	Countersunk Head Cap Screw M4x10 	4
GT10146	Nylon Wire 	

BAG 7

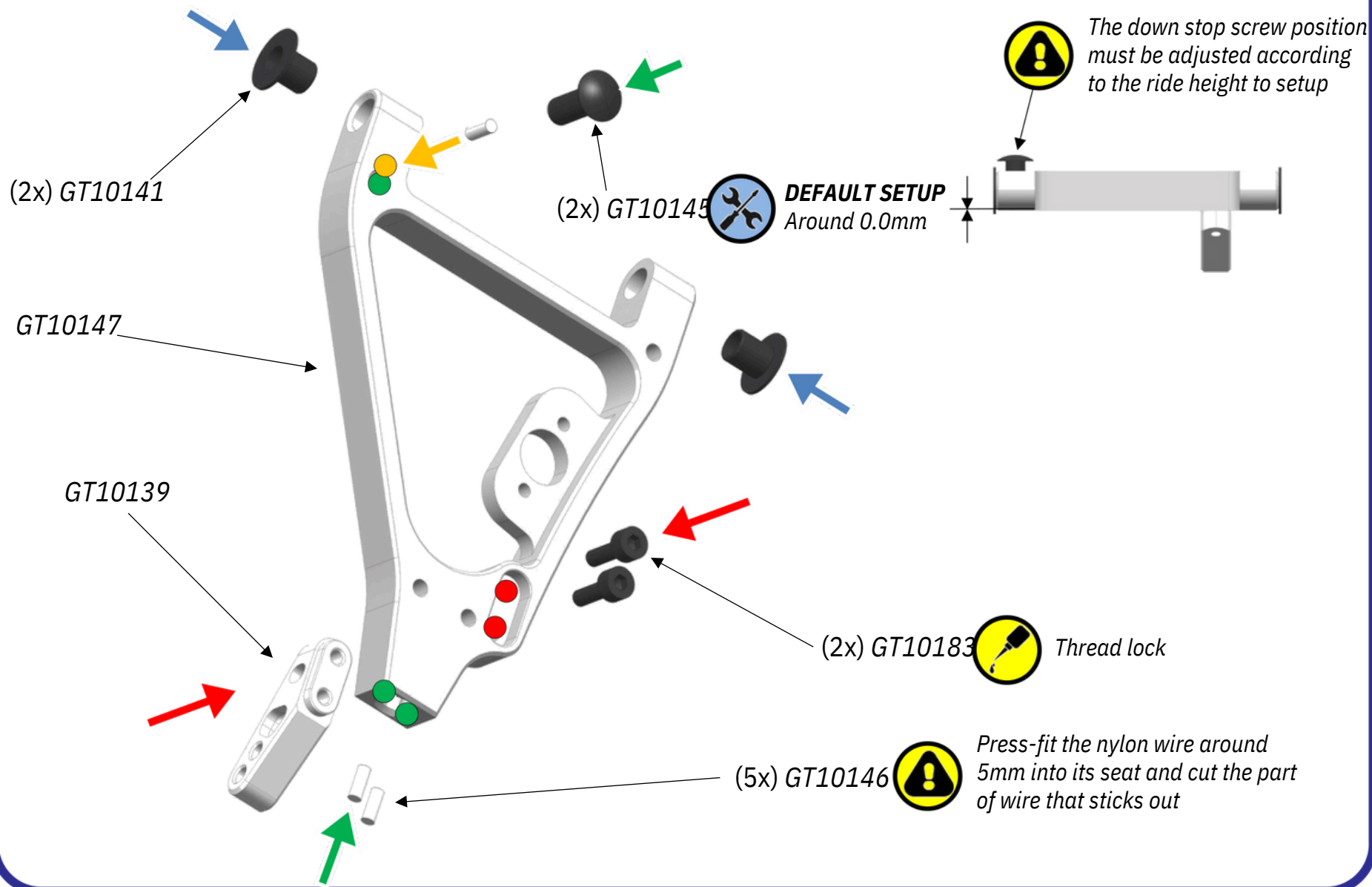
FrontLower Suspension Arms -Step 0

Suspension Arms Pre-assembly

BUILD **2X** L/R



25

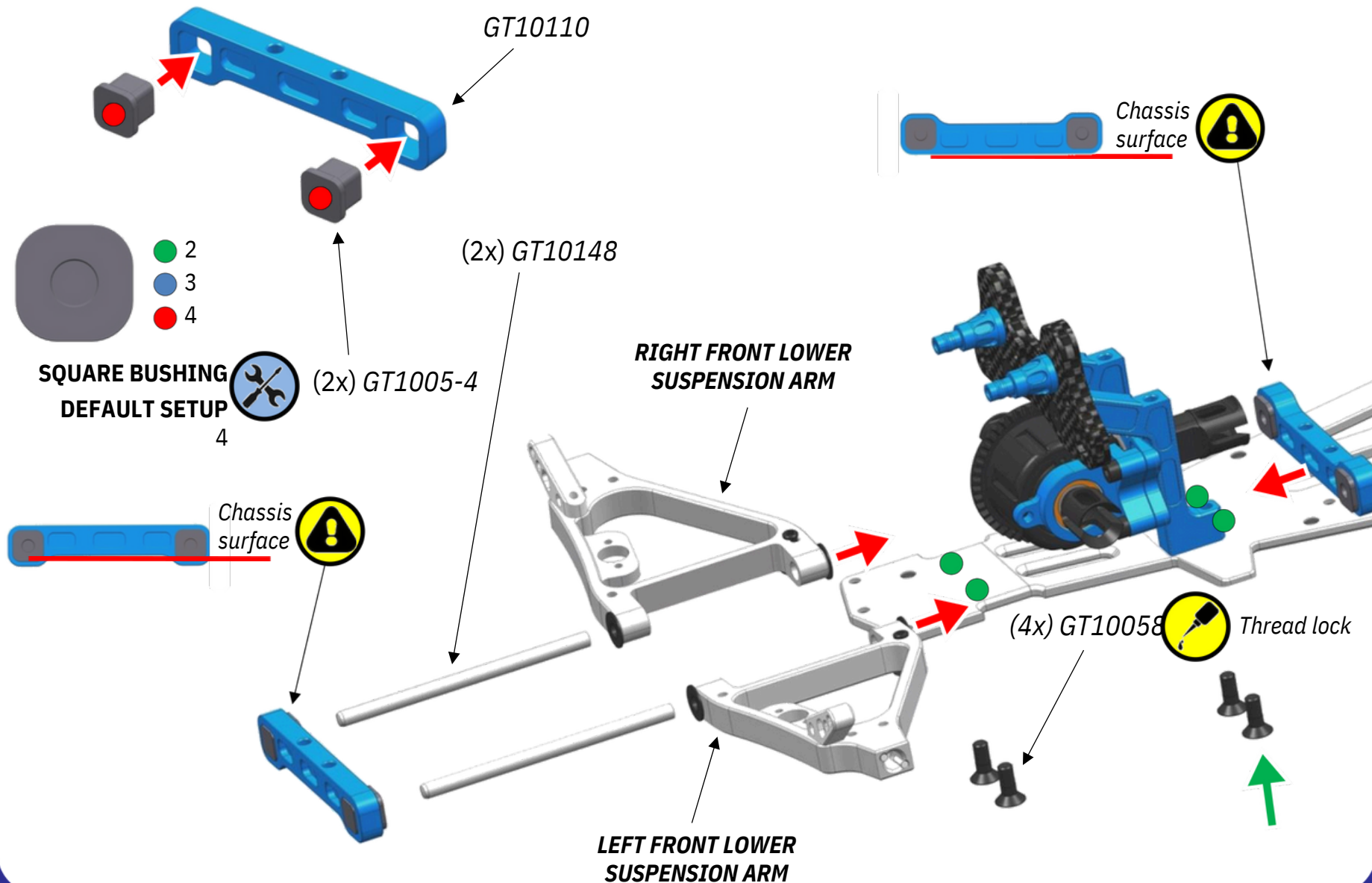


BAG 7

FrontLower Suspension Arms -Step 1



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BAG 8

Parts included in the bag



27

Code	Part Name		Qty
GT10111	Anti-Roll Bar Holder		1
GT10136	Anti-Roll Bar Plate		4
GT10164	Anti-Roll Bar Sphere Link		4
GT10137	Anti-Roll Bar Scrub Screw M6		4
GT10160	Anti-Roll Bar Bearing Holder		4
GT10161-3.0	Anti-Roll Bar Pivot 3.0		4
GT10159-2.3	Anti-Roll Bar 2.3		1
GT10159-2.5	Anti-Roll Bar 2.5		1
GT10163	Short Uniball Link 5.8mm		4
GT10028	Flanged Bearing 5x8x2.5		4
GT10006	Grub Screw M3x3		8

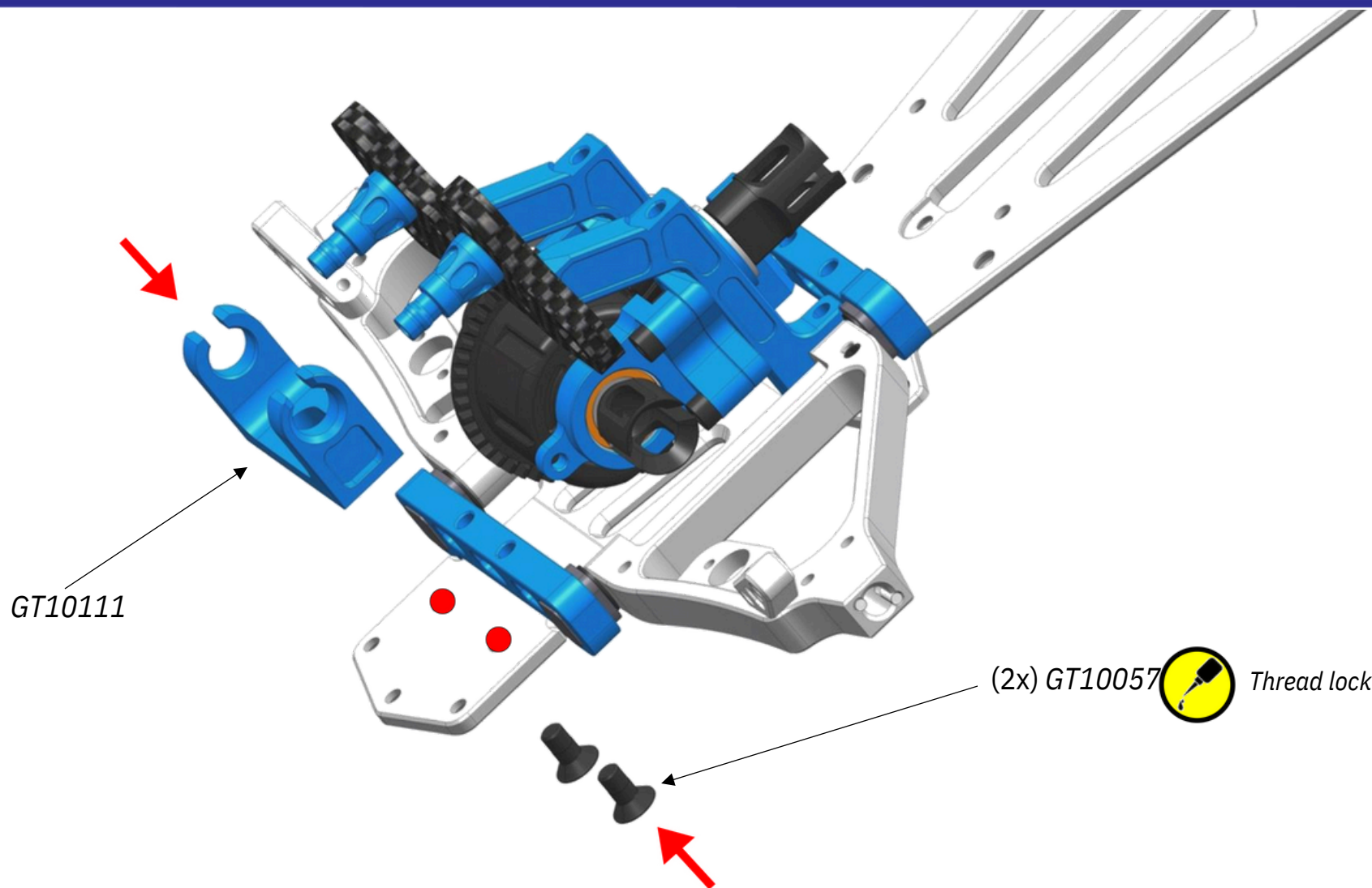
Code	Part Name		Qty
GT10138	Socket Head Cap Screw M2.5x5		8
GT10057	Countersunk Head Cap Screw M4x8		2

BAG 8

Anti-rollBars –Step 0



28



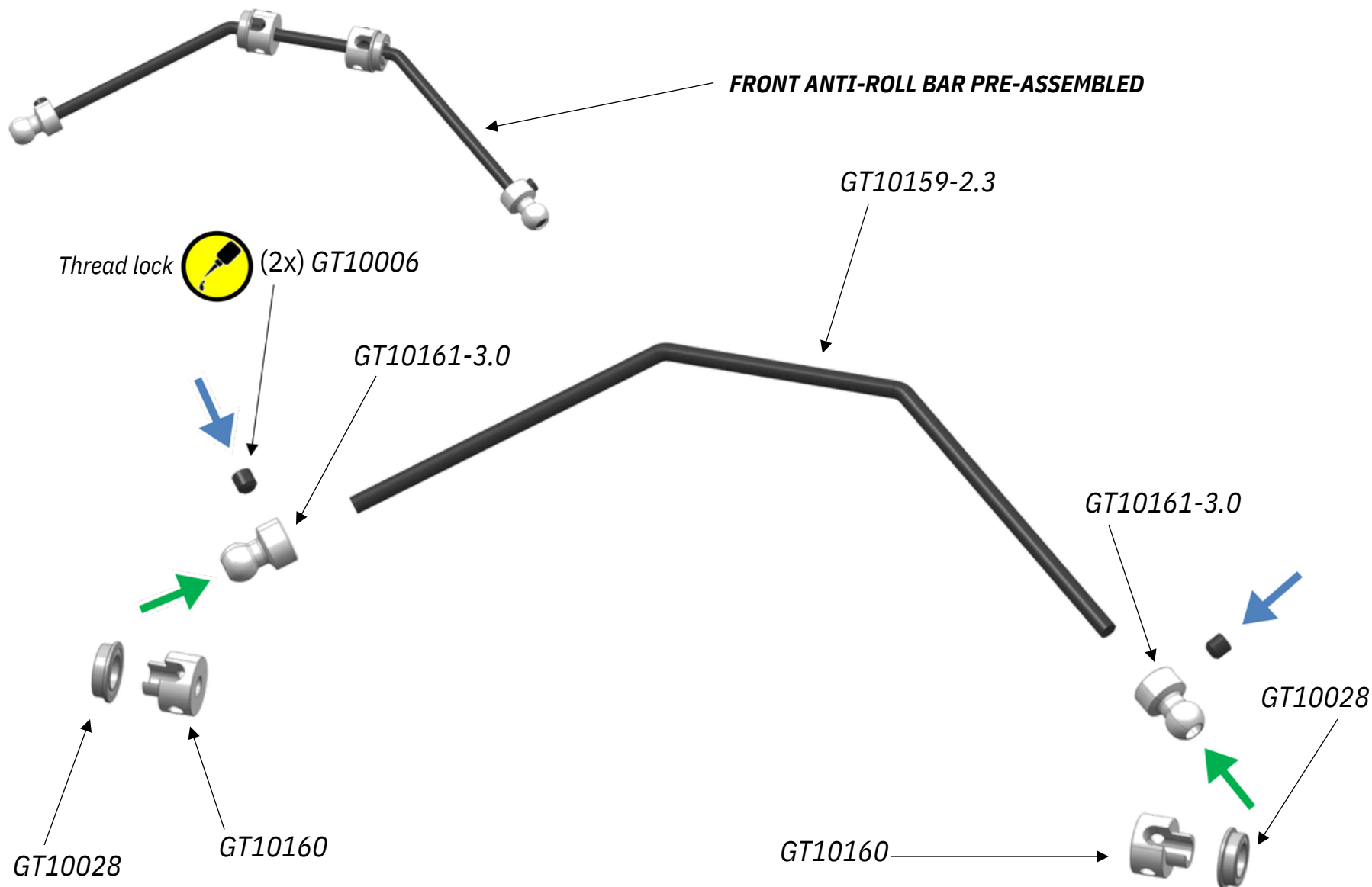
BAG 8

Anti-rollBars –Step 1

Front Anti-roll Bar Pre-assembly



29



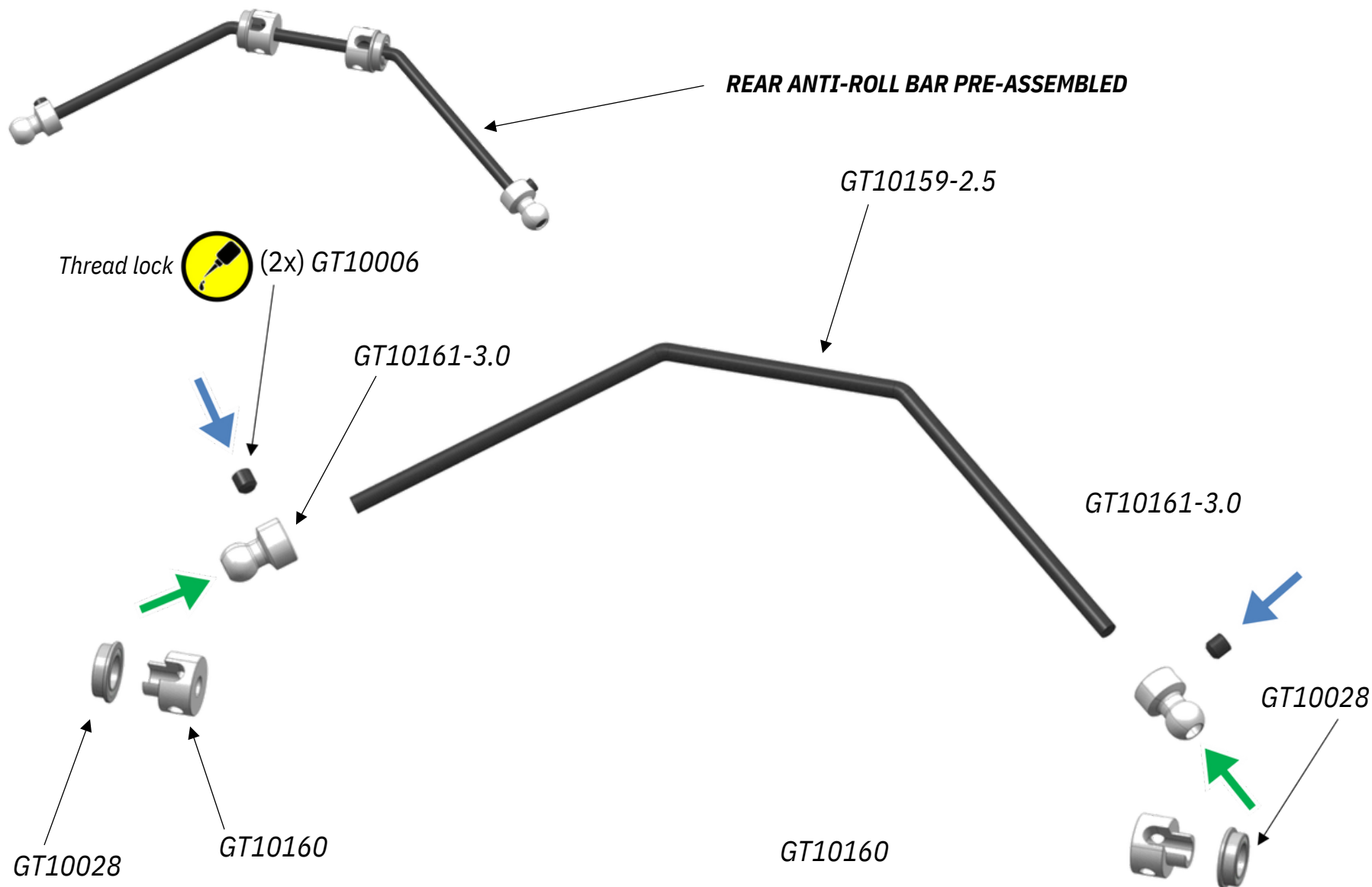
BAG 8

Anti-rollBars –Step 2

Rear Anti-roll Bar Pre-assembly



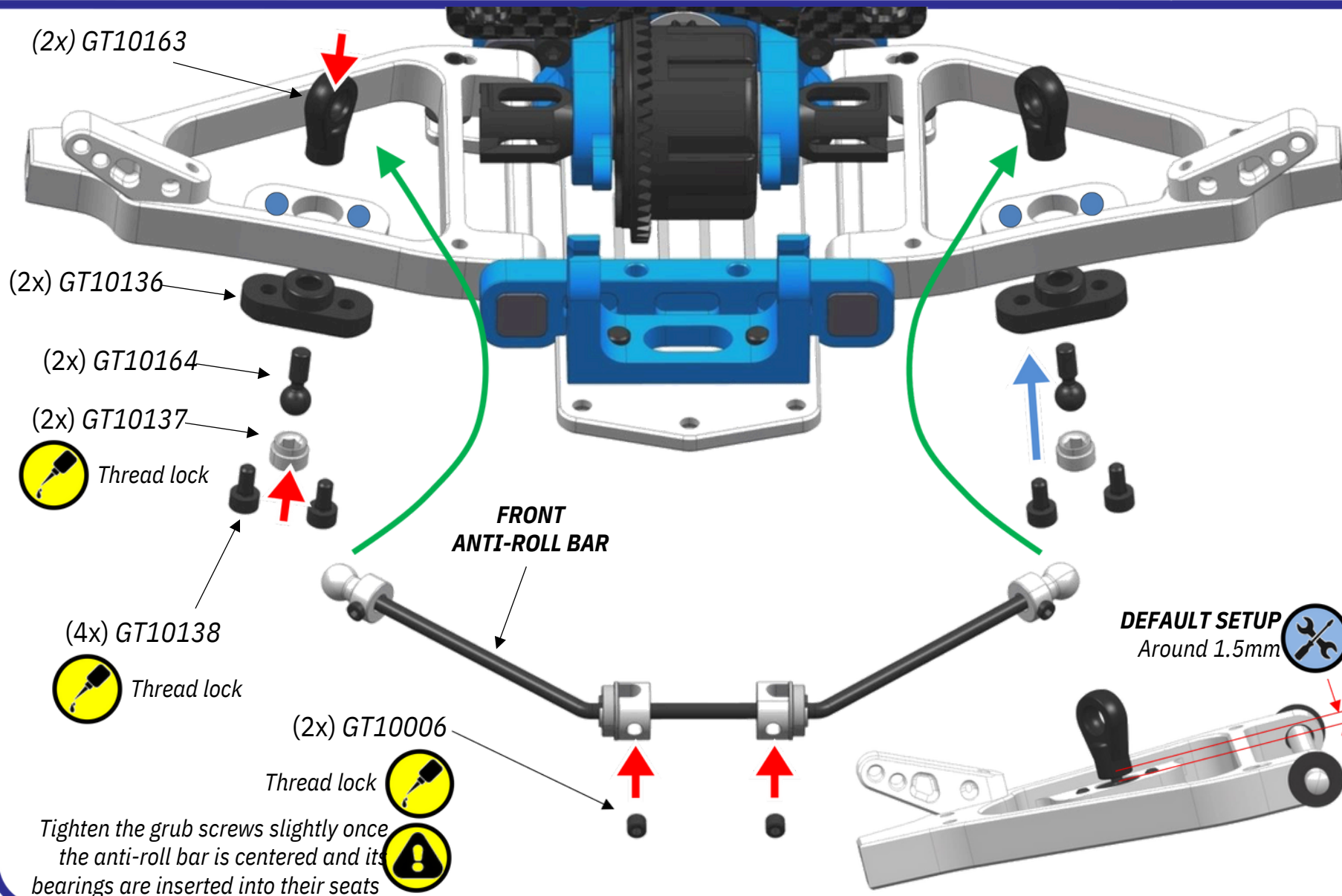
30



Front Anti-roll Bar Mounting



(2x) GT10163



(2x) GT10136

(2x) GT10164

(2x) *GT10137*



Thread lock

(4x) *GT10138*



Thread lock

(2x) GT10006

Thread lock



Tighten the grub screws slightly once the anti-roll bar is centered and its bearings are inserted into their seats

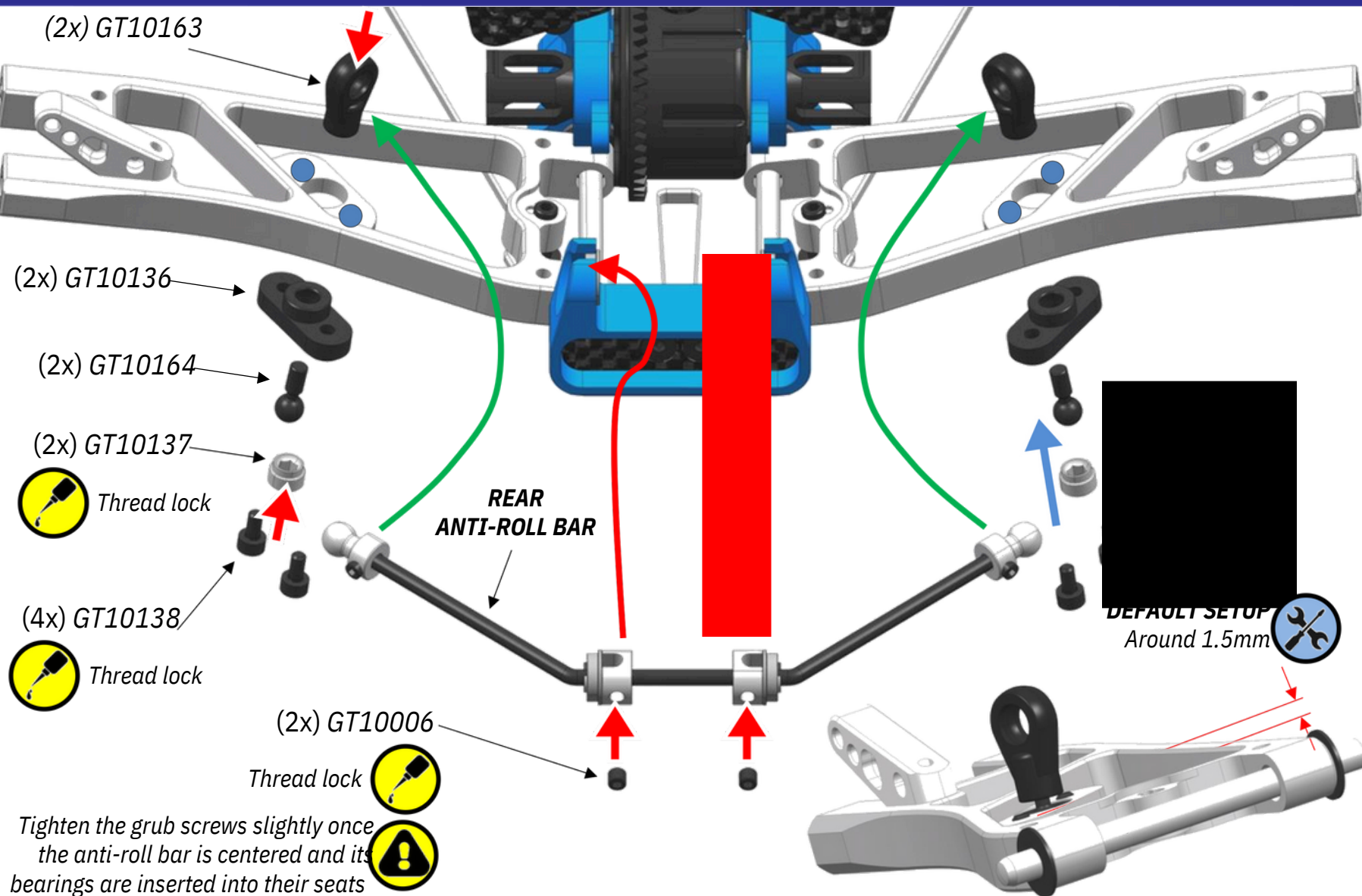
BAG 8

Anti-rollBars – Step 4

Rear Anti-roll Bar Mounting



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BAG 9

Parts included in the bag



33

Code	Part Name		Qty
GT10112	Rear Upright Rear		2
GT10113	Upright Upper Suspension Arm Holder		2
GT10224	Adjusting Nut M10x1		4
GT10144	Pivot Ball 8.4mm		4
GT10130	CVD Axle Shaft 94mm		2
GT10131	Wheel Shaft Insert		2
GT10124	Wheel Axle		2
GT10125-0	Wheel Hub Offset 0		2
GT10151	Turnbuckle 4mm x 28mm		2
GT10152	Uniball Link 7mm		4
GT10235	Uniball 7mm		4

Code	Part Name		Qty
GT10225	OR 6.4x1.9		4
GT10023	OR 16x1		2
GT10115	OR 18x1		2
GT10018	Flanged Bearing 8x16x5		2
GT10114	Flanged Bearing 12x18x4		2
GT10132	Parallel Pin 2.5x11.8		2
GT10126	Parallel Pin 2.5x15.8		2
GT10127	Grub Screw M4x4		2
GT10096	Button Head Cap Screw M3x8		6
GT10222	Button Head Cap Screw M3x10		2

Uprights Pre-assembly

BUILD 2X_{L/R}



GT10132
Graphite grease

GT10124

GT10114

GT10115

Use a lubricant for the OR assembly to prevent tears, twisting, pinching, cutting and abrasion of the rubber

GT10018

GT10112

GT10126

GT10125-0

Insert carefully the ORs into their seats

GT10130

GT10131

GT10113

(2x) GT10144

Thread lock

GT10127

(2x) GT10096

Use a lubricant for the OR assembly to prevent tears, twisting, pinching, cutting and abrasion of the rubber

GT10023

Use a lubricant for the OR assembly to prevent tears, twisting, pinching, cutting and abrasion of the rubber

Screw and adjust the nut so as the pivot ball can be moved smoothly

(2x) GT10225

(2x) GT10224

REAR UPRIGHT

Graphite grease

**FRONT PIVOT
DEFAULT SETUP**

Around 4.7mm

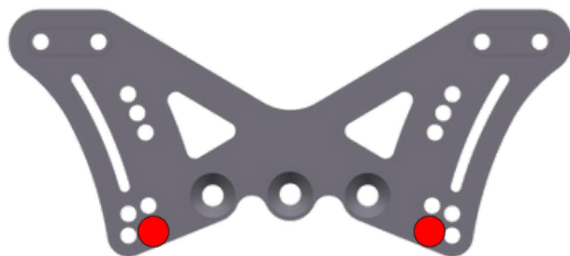
**REAR PIVOT
DEFAULT SETUP**
Around 5.5mm

BAG 9

RearUpper Suspension Arms –Step 1 Suspension Arms Mounting



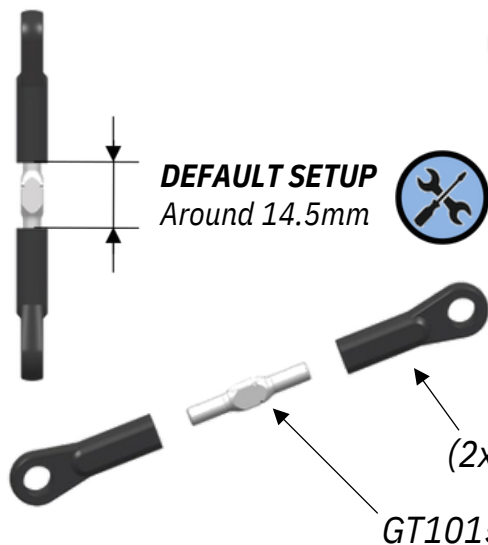
36



**REAR UPPER SUSPENSION
ARM DEFAULT SETUP**
Inner Low Position



**REAR UPPER SUSPENSION
ARM DEFAULT SETUP**
Inner High Position



DEFAULT SETUP
Around 14.5mm

(2x) GT10152

GT10151

(2x) GT10235

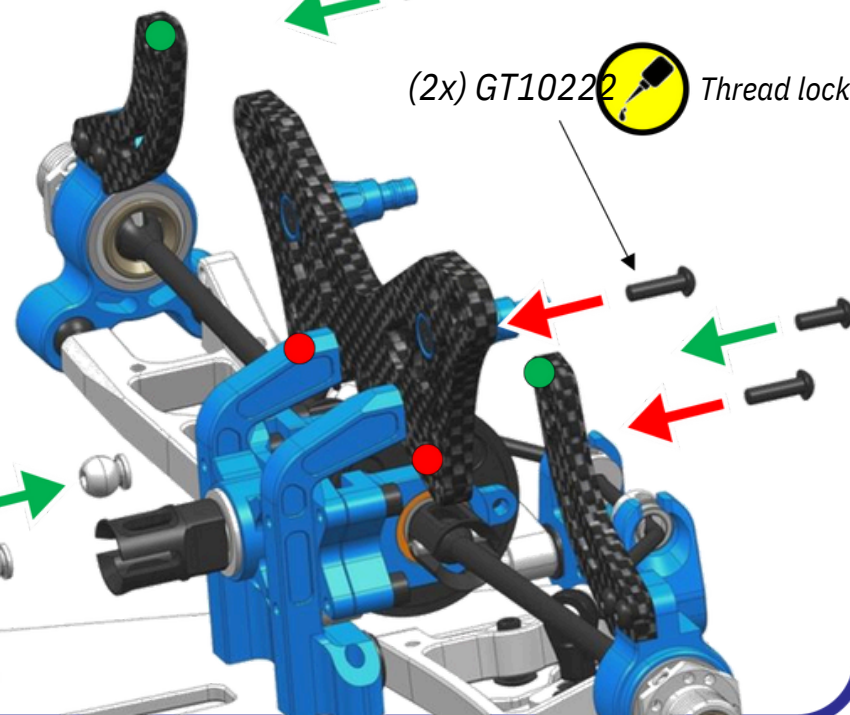
(2x) GT10235

(2x) GT10096

Thread lock

(2x) GT10222

Thread lock



BAG 10

Parts included in the bag



37

Code	Part Name		Qty
GT10087	Steering Bellcrank		1
GT10085	Steering Plate Pin Upper		2
GT10076	Steering Bellcrank		1
GT10077	Lower Steering Bellcrank		1
GT10078	Servo Saver Tube		1
GT10082	Servo Server Spring		1
GT10083	Servo Saver Tube Spring Nut		1
GT10095	Steering Plate		1
GT10075	Steering Column		2
GT10229 (optional)	Exhaust Pipe Spring Fixation		1
GT10179	Exhaust Pipe Spring		1

Code	Part Name		Qty
GT10086	Uniball 5.8mm		1
GT10084	OR 10x1.5		1
GT10079	Bearing 3x6x2.5		2
GT10080	Flanged Bearing 3x6x2.5		2
GT10081	Bearing 5x8x2.5		4
GT10098	Shim 3x6x0.3		2
GT10127	Grub Screw M4x4		1
GT10074	Self-locking Nut M3		2
GT10027	Countersunk Head Cap Screw M3x6		1
GT10057	Countersunk Head Cap Screw M4x8		1
GT10058	Countersunk Head Cap Screw M4x10		2

BAG 10*Parts included in the bag*

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<i>Code</i>	<i>Part Name</i>	<i>Qty</i>
GT10094	Button Head Cap Screw M3x5 	2

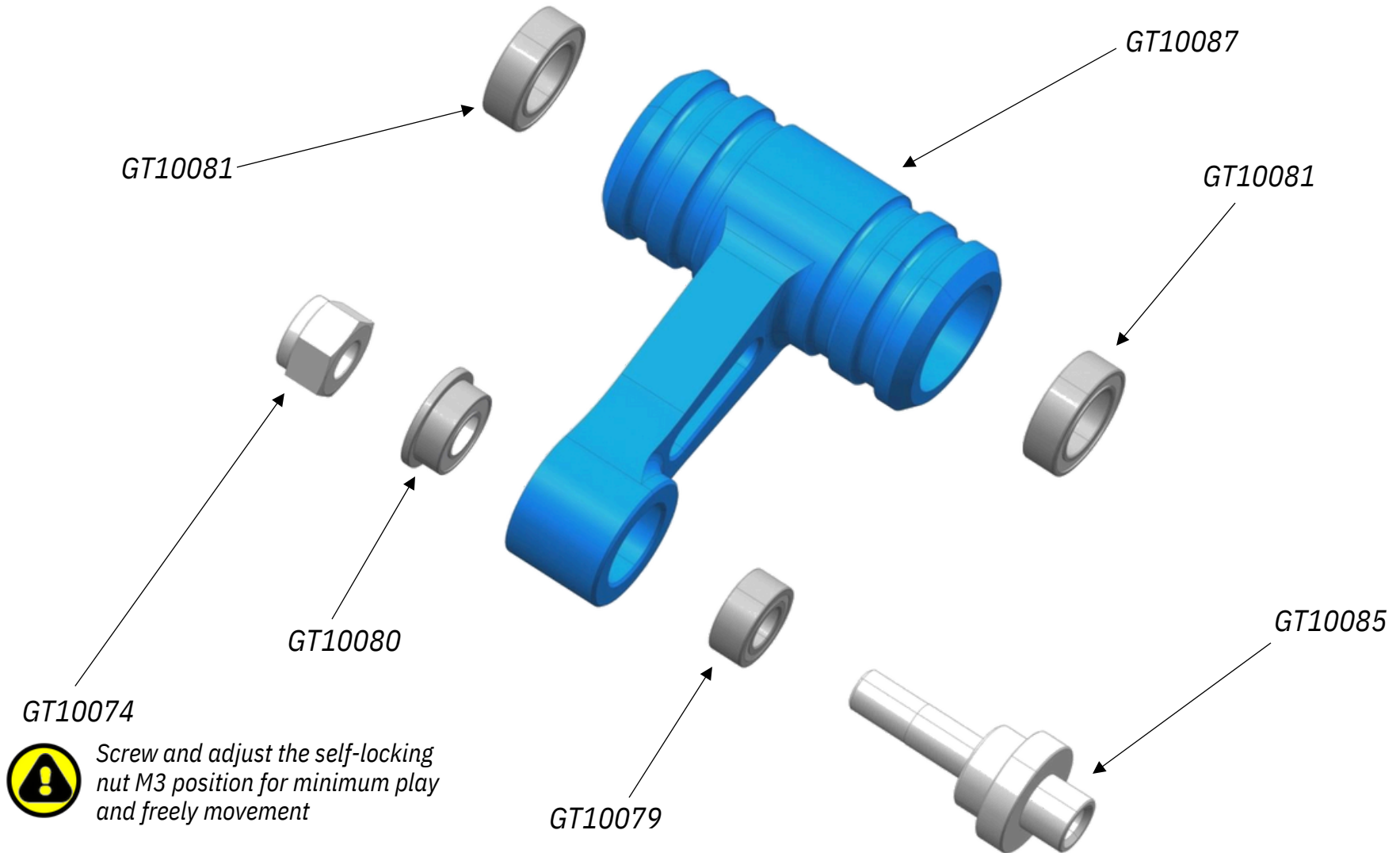
BAG 10

SteeringSystem –Step 0

Left Side Servo Saver Pre-assembly



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BAG 10

SteeringSystem – Step 1

Right Side Servo Saver Pre-assembly



40



Use a lubricant for the OR assembly to prevent tears, twisting, pinching, cutting and abrasion of the rubber

GT10084

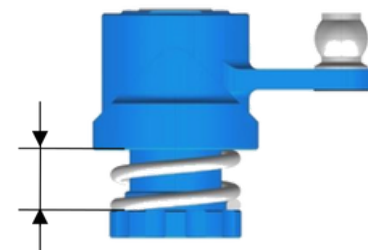


Thread lock

GT10027



DEFAULT SETUP
Around 5.0mm



GT10083

GT10082

GT10076

GT10086

GT10081

GT10081

GT10080

GT10077

GT10074

GT10079

GT10085

GT10078



Screw and adjust the self-locking nut M3 position for minimum play and freely movement

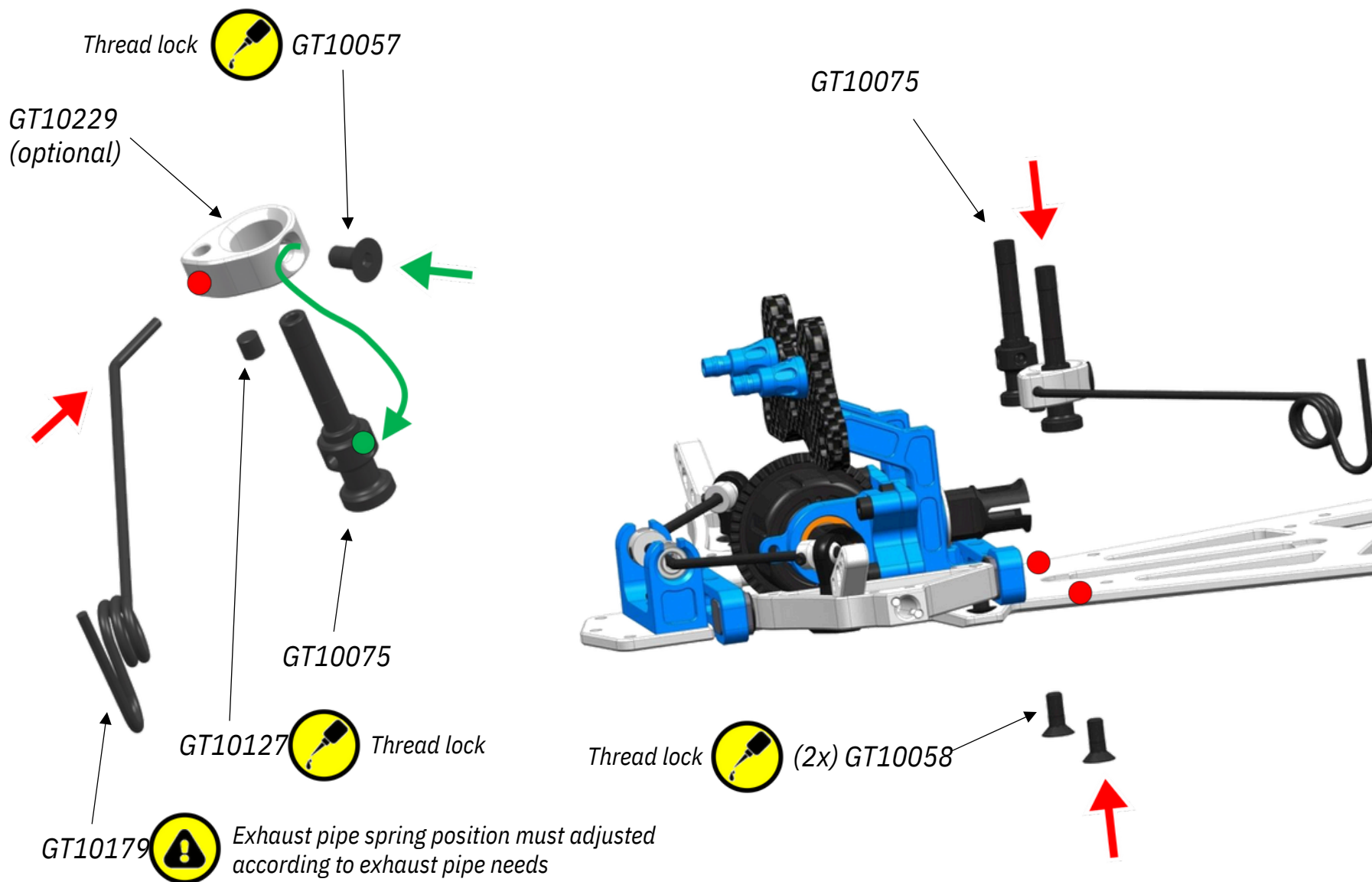
BAG 10

SteeringSystem – Step 2

Exhaust Pipe Spring Mounting



41



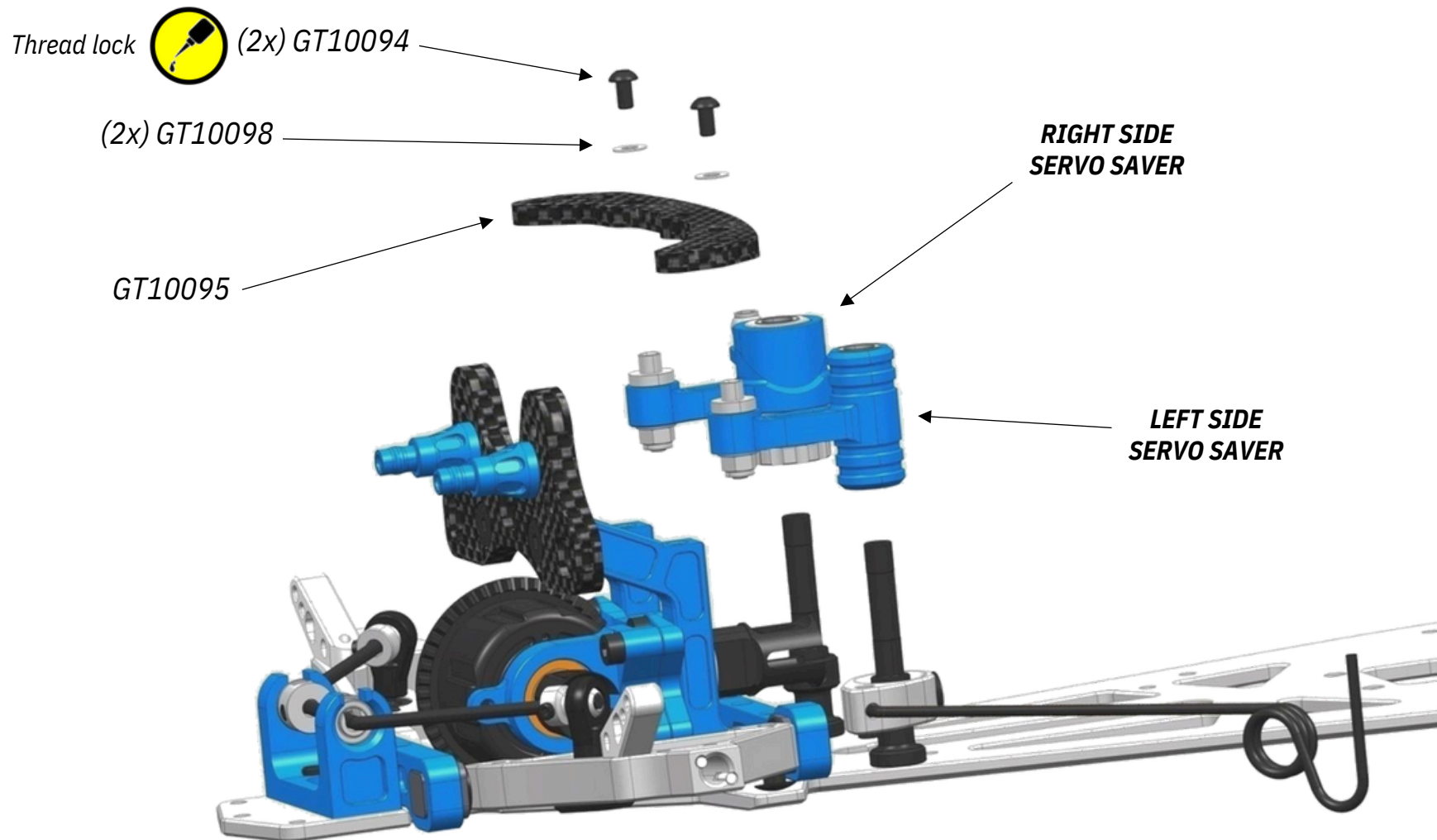
BAG 10

SteeringSystem – Step 3

Steering System Mounting



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BAG 11

Parts included in the bag



43

Code	Part Name	Qty
GT10153	Front Upper Suspension Arm 	2
GT10089	Front Upper Suspension Arm Holder 	2
GT10116	Front Upright Central 	2
GT10117	Front Upright Upper 	2
GT10118-1	Square Bushing Central Hole 	4
GT10120	Upright Steering Plate Extension 	2
GT10224	Adjusting Nut M10x1 	2
GT10144	Pivot Ball 8.4mm 	2
GT10122	Adjusting Nut M15x1 	2
GT10149	Pivot Ball 13.8mm 	2

Code	Part Name	Qty
GT10130	CVD Axle Shaft 	2
GT10131	Wheel Shaft Insert 	2
GT10124	Wheel Axle 	2
GT10125-0	Wheel Hub Offset 0 	2
GT10133	Turnbuckle 3x46mm Long Uniball Link 5.8mm 	2
GT10134	 	4
GT10141	Suspension Bushing 	4
GT10056-7	Suspension Square Bushing 7 	4
GT10086	Uniball 5.8mm 	4
GT10155-1.0	Front Upper Arm Adjust 1.0mm 	2
GT10155-2.0	Front Upper Arm Adjust 2.0mm 	6

BAG 11

Parts included in the bag



Code	Part Name		
GT10150-1.0	Front Pivot Shim 1.0mm		2
GT10122-OR	OR 10x1.5		2
GT10023	OR 16x1		2
GT10115	OR 18x1		2
GT10018	Flanged Bearing 8x16x5		2
GT10114	Flanged Bearing 12x18x4		2
GT10097	Shim 3x6x2.0		2
GT10220	Shim 3x6x4.0		2

Code	Part Name		Qty
GT10132	Parallel Pin 2.5x11.8		2
GT10126	Parallel Pin 2.5x15.8		2
GT10154	Parallel Pin 4x60		2
GT10127	Grub Screw M4x4		2
GT10045	Countersunk Head Cap Screw M3x12		2
GT10105	Countersunk Head Cap Screw M3x14		4
GT10096	Button Head Cap Screw M3x8		2
GT10222	Button Head Cap Screw M3x10		2
GT10146	Nylon Wire		

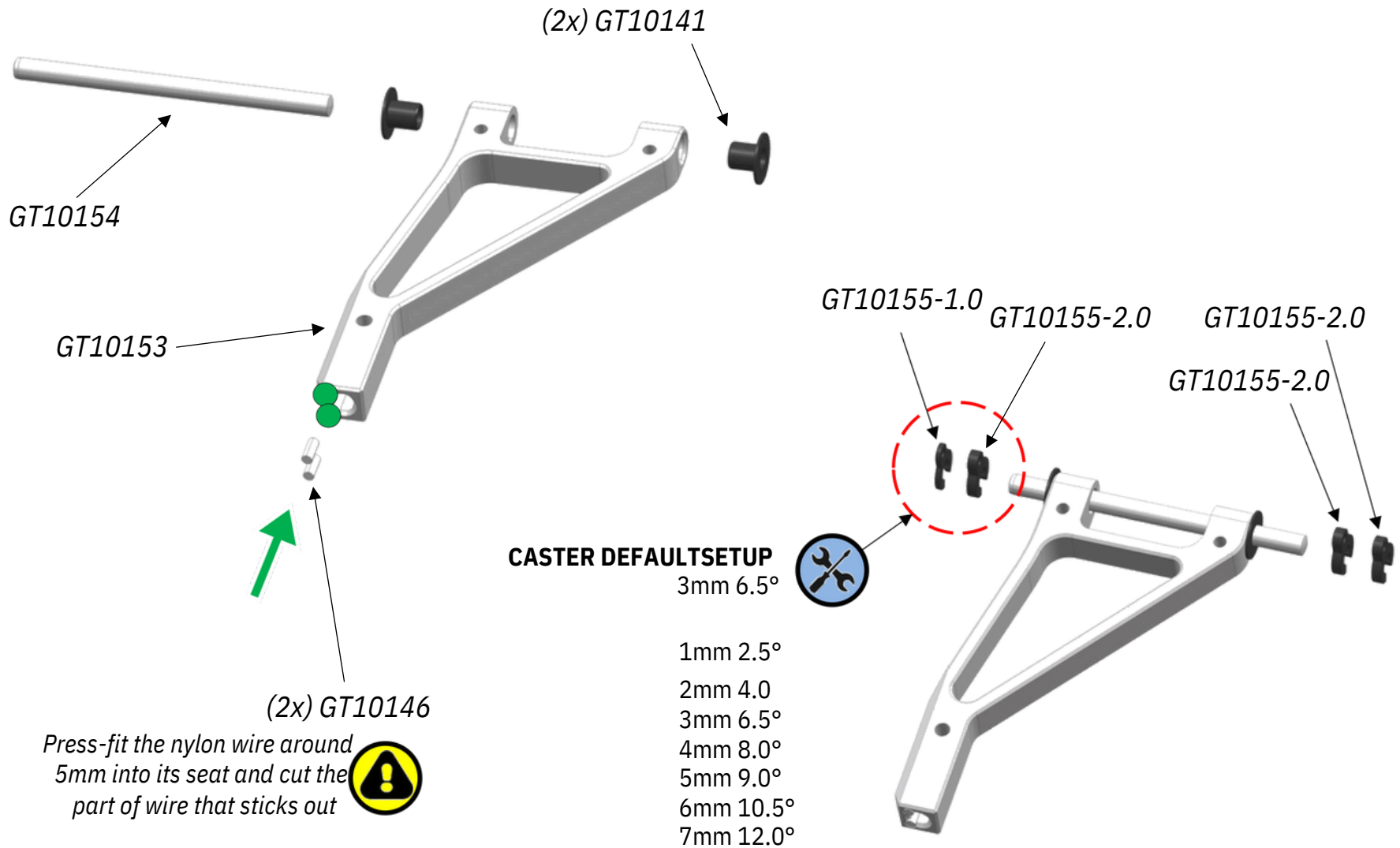
BAG 11

FrontUpper Suspension Arms –Step 0
Suspension Arms Pre-assembly

BUILD 2X^{L/R}



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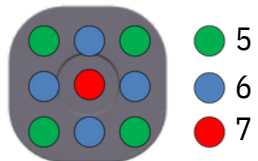
BAG 11

FrontUpper Suspension Arms –Step 1

Suspension Arms Mounting



46



DEFAULT SETUP

Square Bushing 7



(4x) GT10056-7

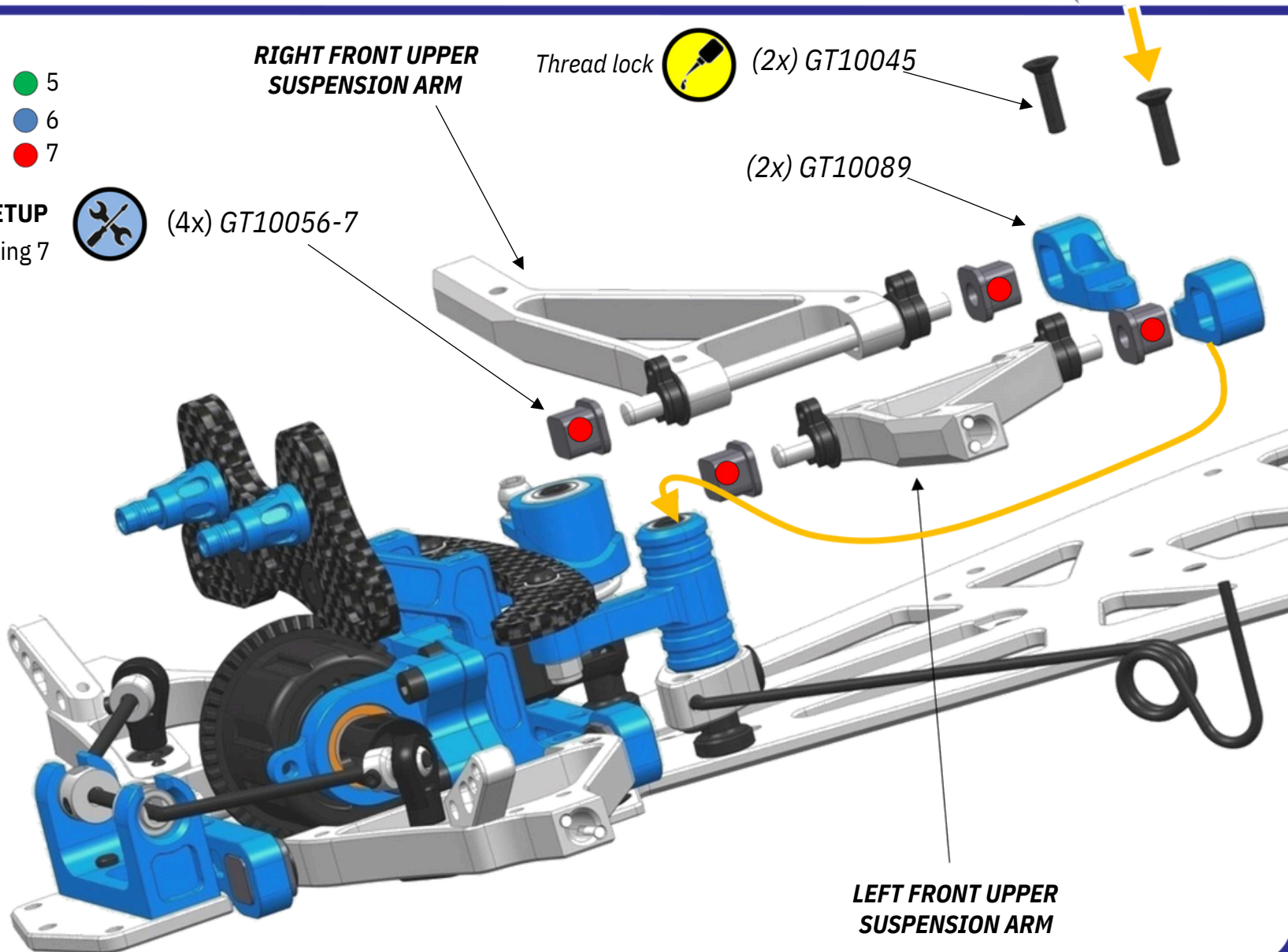
**RIGHT FRONT UPPER
SUSPENSION ARM**

Thread lock



(2x) GT10045

(2x) GT10089



**LEFT FRONT UPPER
SUSPENSION ARM**

BAG 11

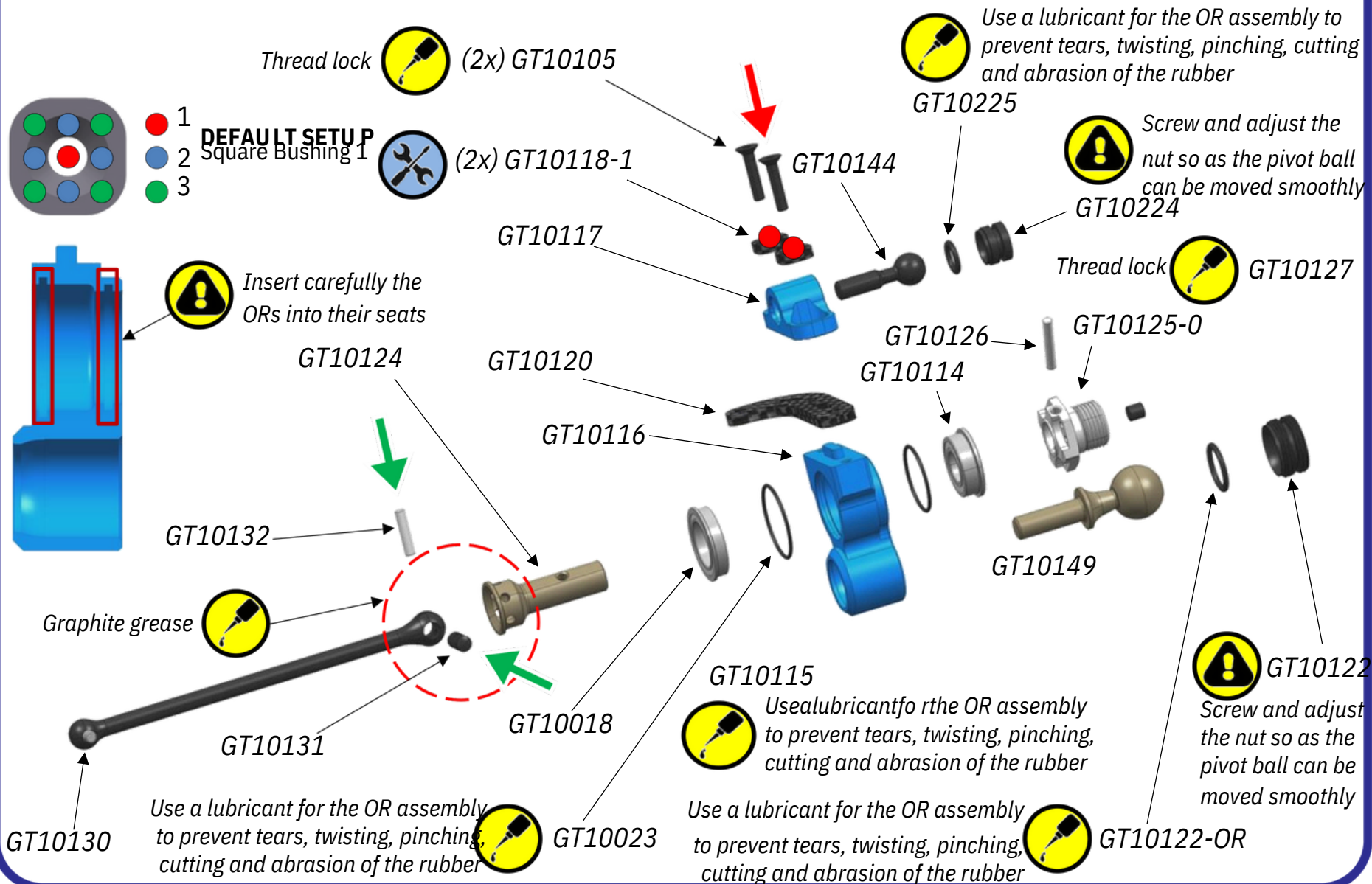
FrontUprights –Step 0

Uprights Pre-assembly

BUILD 2XL/R



47



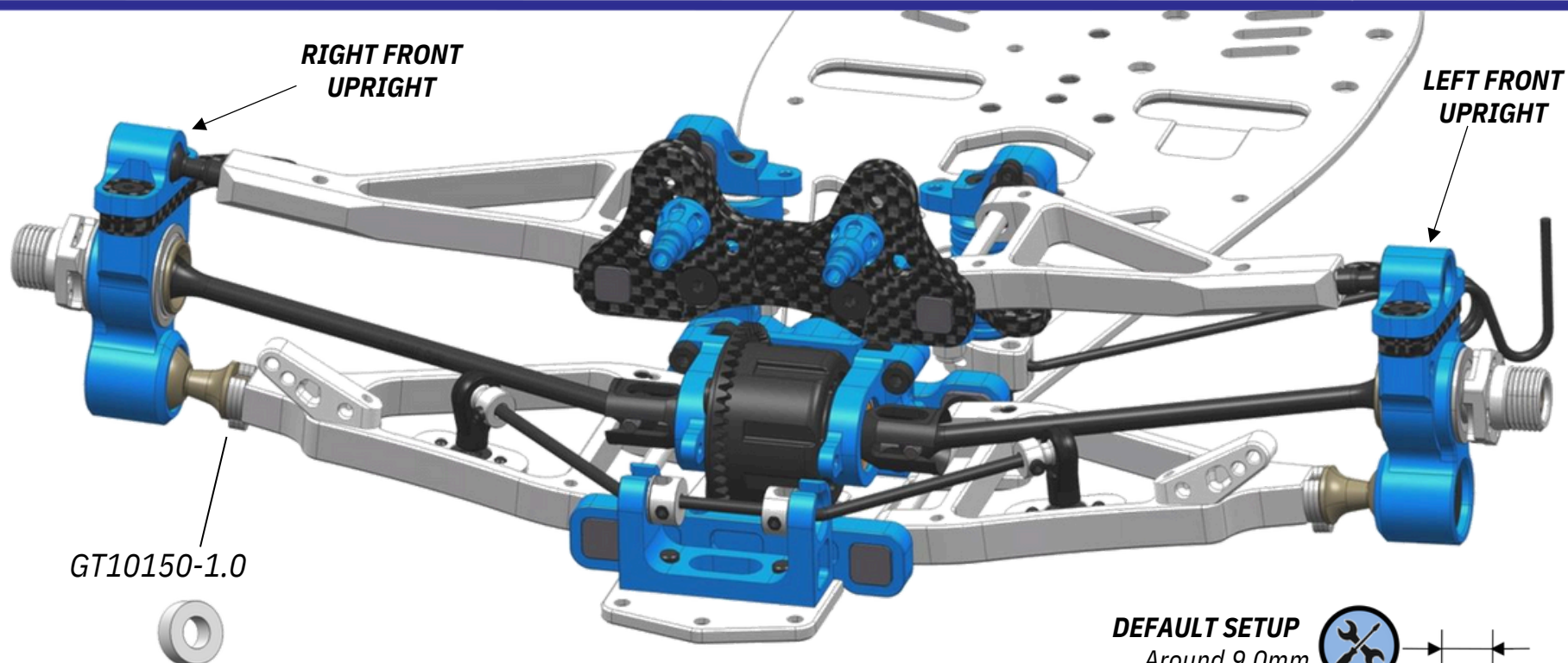
BAG 11

FrontUprights –Step 1

Uprights Mounting



48



DEFAULT SETUP
Around 9.0mm



DEFAULT SETUP
Around 3.0mm



BAG 11

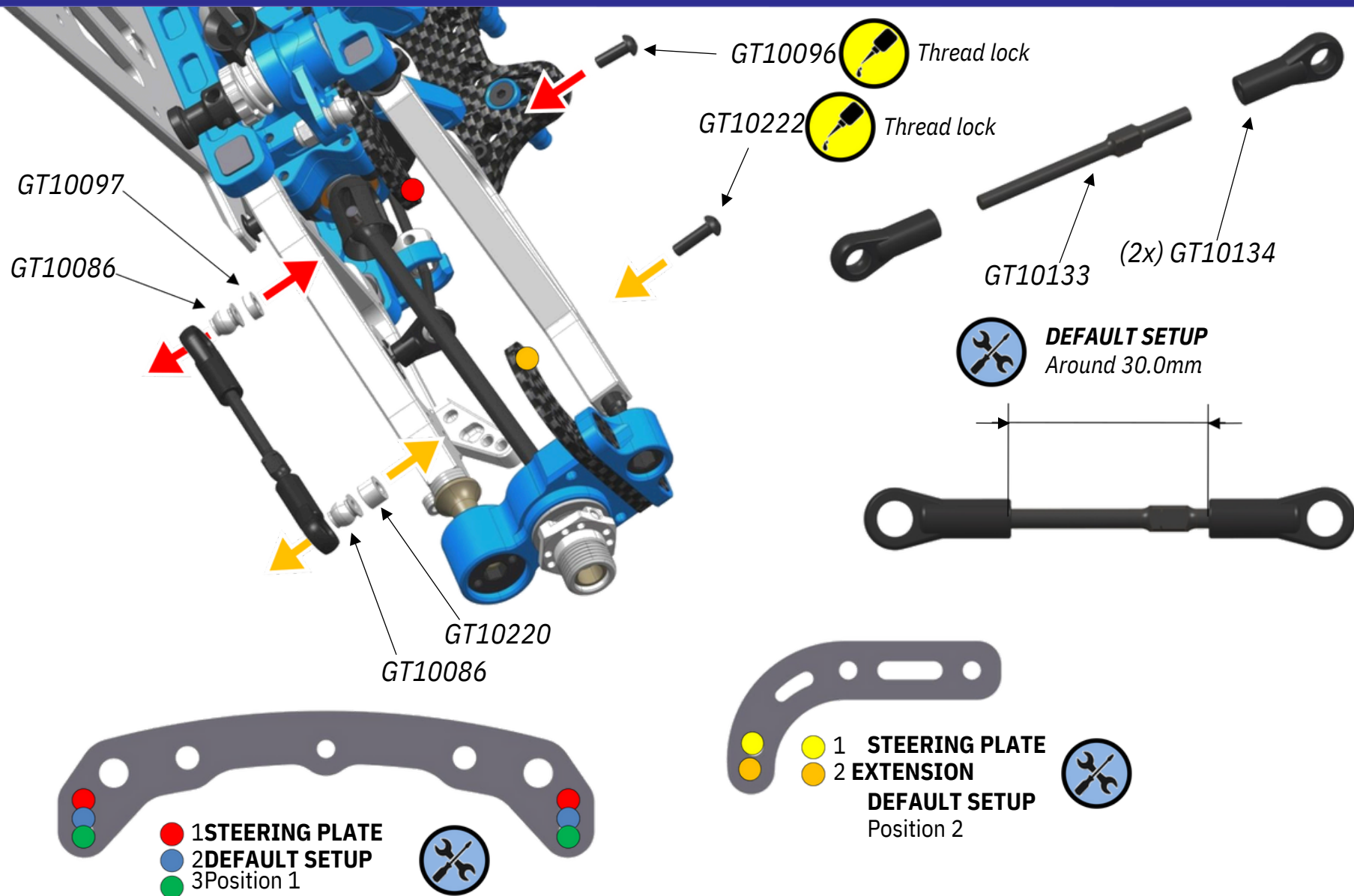
Steering Linkages

Steering Linkage Mounting

BUILD 2XL/R



49



BAG 12

Parts included in the bag



50

Code	Part Name		Qty
GT10017-62	1st Gear 0.8m 62t		1
GT10012-58	2nd Gear 0.8m 58t		1
GT10016	Flange 1st Gear		1
GT10011	Flange 2nd Gear		1
GT10001	2-Speed Gear Shaft		1
GT10005	2-Speed Shoe 2nd		2
GT10007	Speed Centrifugal Weights		2
GT10009	2nd Speed Screw Bushing		2
GT100098	Gear Box Screw M2.5x10		2
GT10010	Gear Box Hard Spring		2
GT10002	Central Shaft Driver		2

Code	Part Name		Qty
GT10014	Bearing 8x12x3.5		2
GT10018	Flanged Bearing 8x16x5		2
GT10015	Shim 8x10x0.2		3
GT10003	Parallel Pin 2.5x7.8		2
GT10006	Grub Screw M3x3		2
GT10013	Countersunk Head Cap Screw M3x5		3
GT10004	Countersunk Head Cap Screw M3x8		5

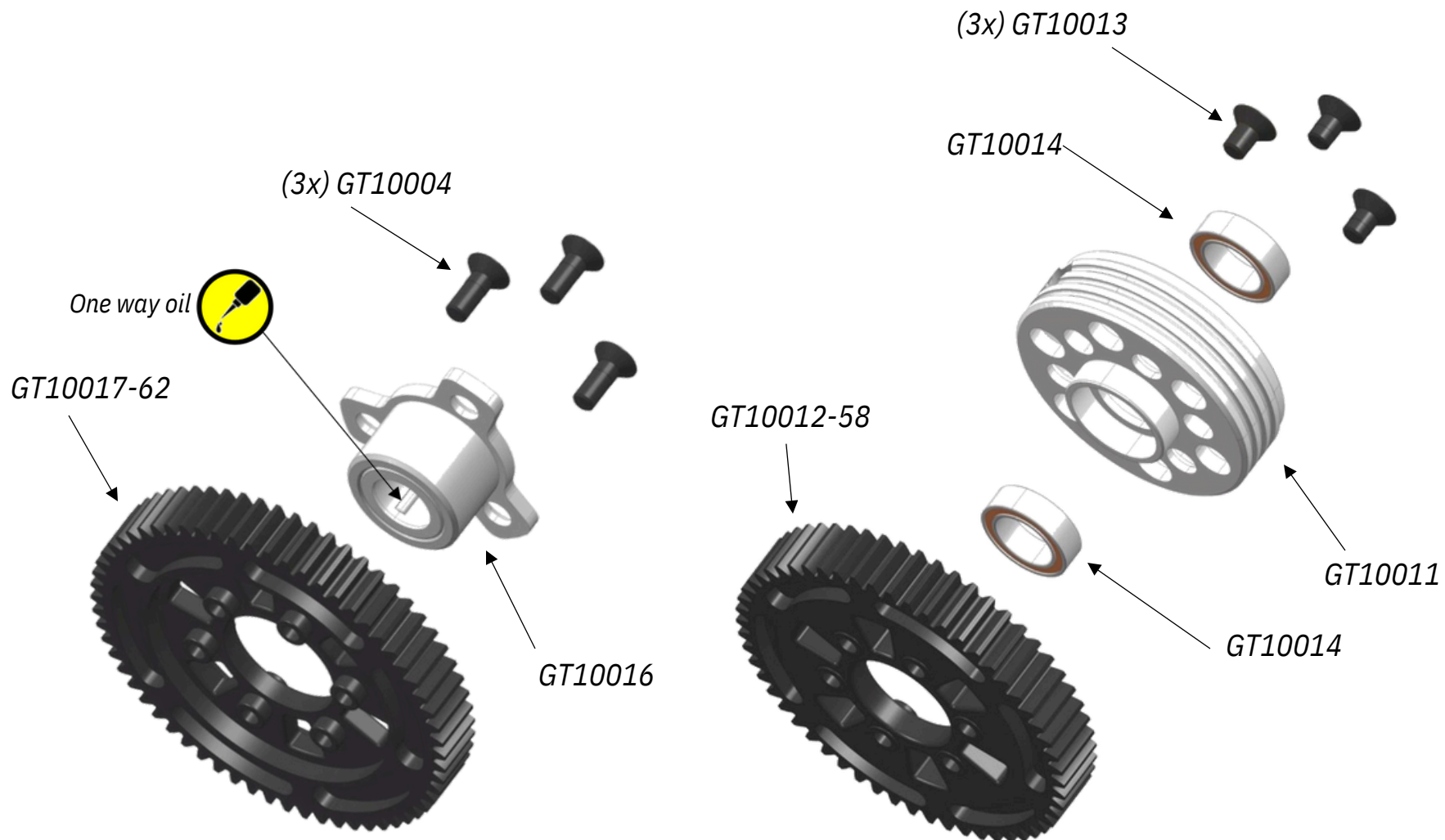
BAG 12

2-Speed Transmission – Step 0

1st & 2nd Gears Pre-assembly



51



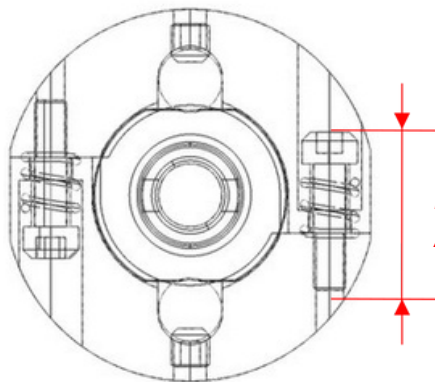
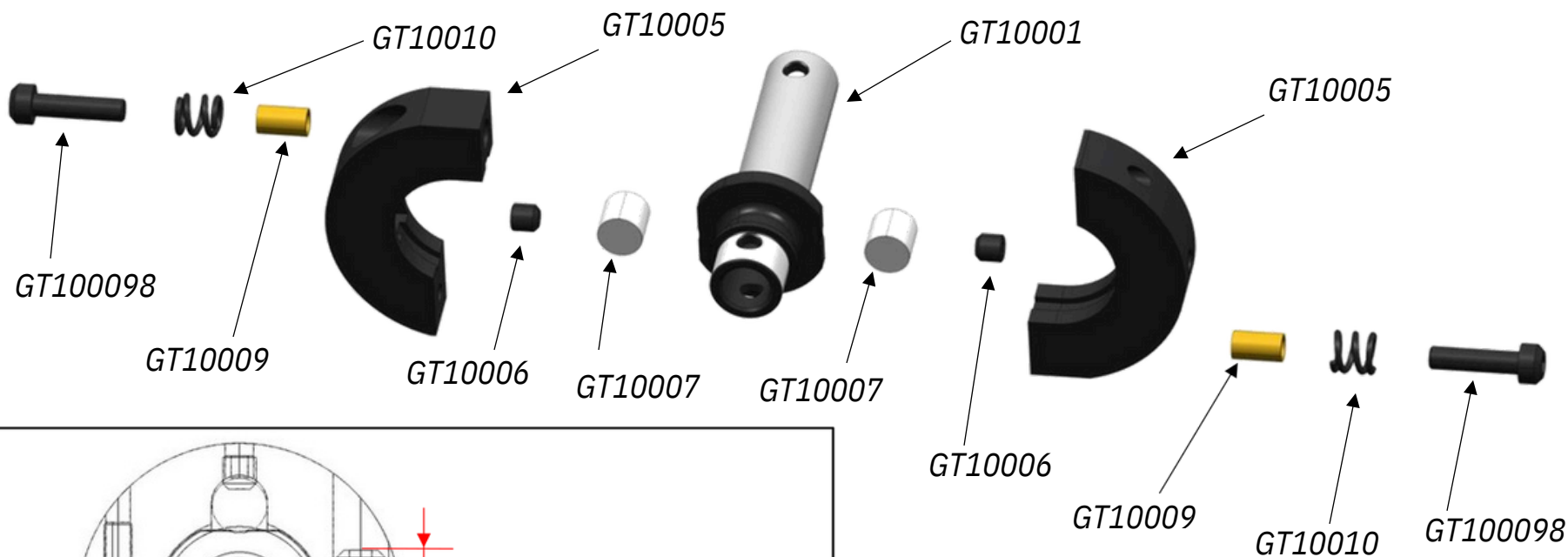
BAG 12

2-Speed Transmission – Step 1

2-Speed Shoes Mounting



52



DEFAULT SETUP
Around 14.6mm



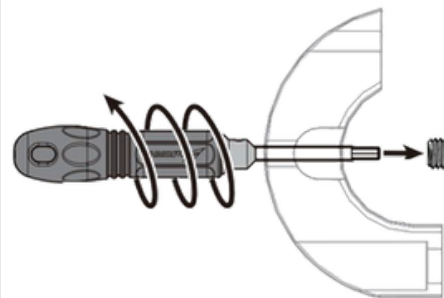
1. Tighten the screws M2.5x10 gently until you get a small gap between the two clutch shoes

2. Adjust the two screws M2.5x10 in equal mode

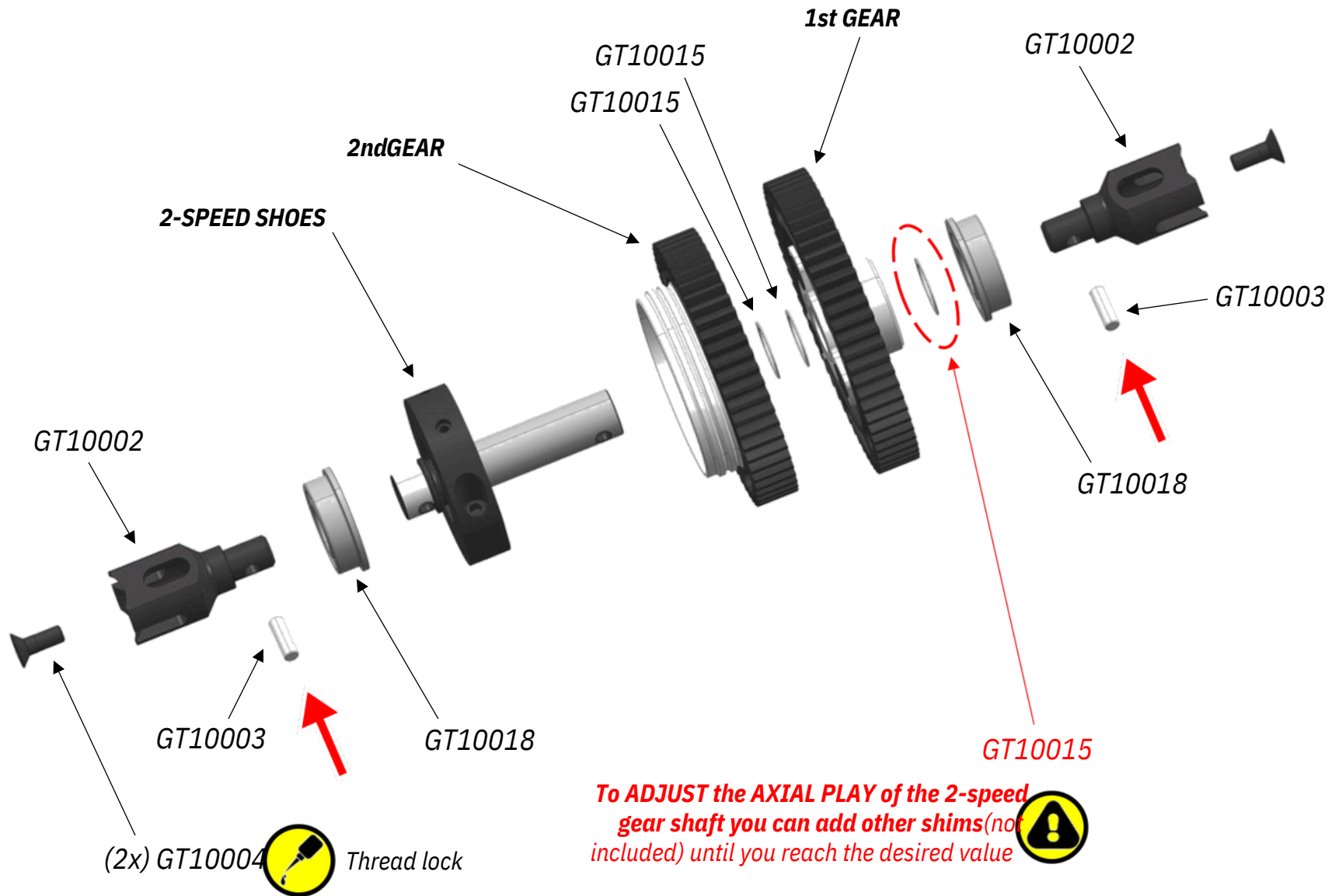
Note: By tightening the screws, the 2 speed clutch will engage later, while loosening the screws will make the 2 speed clutch engage earlier



The screw M2.5x10 must be smooth as indicated for soft change gear adjustment



Insert your hex driver all the way through the 2-speed shoe, then fit the hex screw on the hex driver and slowly turn your hex driver upwards



BAG 13

Parts included in the bag



54

Code	Part Name	Qty
GT10020	Front Center Differential Mounting Plate 	1
GT10021	Rear Center Differential Mounting Plate 	1
GT10022	Upper Center Differential Mounting Plate 	2
GT10033	Brake Pad Stopper 	1
GT10224	Adjusting Nut M10x1 	1
GT10024	Brake Lever 	1
GT10025	Brake Camshaft 	1
GT10029	Cylindrical Brake Slider 	1
GT10030	Brake Pads 	1
GT10031	Brake Springs 	1
GT10035	Ventilated Brake Disc 	1

Code	Part Name	Qty
GT10019	Gear Box Plate 	1
GT10088	Front Bulkhead Plate 	1
GT10233	Rear Stiffener Rod 	1
GT10099	Rear Central Driveshaft1 	1
GT10100	Front Central Driveshaft 	1
GT10091-3.5	Chassis Brace Arm 3.5mm 	2
GT10092	Chassis Brace Lower Fixation 	1
GT10093	Chassis Brace Rear Bulkhead Fixation 	1
GT10193	Throttle T Joint 	1
GT10134	Long Uniball Link 5.8mm 	2

BAG 13

Parts included in the bag



55

Code	Part Name		Qty
GT10086	Uniball 5.8mm		2
GT10227	OR 4x2		2
GT10225	OR 6.4x1.9		1
GT10023	OR16x1		2
GT10028	Flanged Bearing 5x8x2.5		2
GT10231	Shim 3x6x1.0		1
GT10097	Shim 3x6x2.0		1
GT10065	Self-locking Nut M2.5		1
GT10226	Chamfered Washer M4		2
GT10194	Socket Head Cap Screw M2.5x12		1
GT10034	Socket Head Cap Screw M2.5x14		2

Code	Part Name		Qty
GT10027	Countersunk Head Cap Screw M3x6		2
GT10004	Countersunk Head Cap Screw M3x8		1
GT10026	Button Head Cap Screw M3x4		1
GT10140	Button Head Cap Screw M3x6		8
GT10222	Button Head Cap Screw M3x10		1
GT10232	Button Head Cap Screw M3x16		1
GT10090	Button Head Cap Screw Flange M3x30		4
GT10057	Countersunk Head Cap Screw M4x8		2
GT10058	Countersunk Head Cap Screw M4x10		7

BAG 13

Gearbox—Step 0

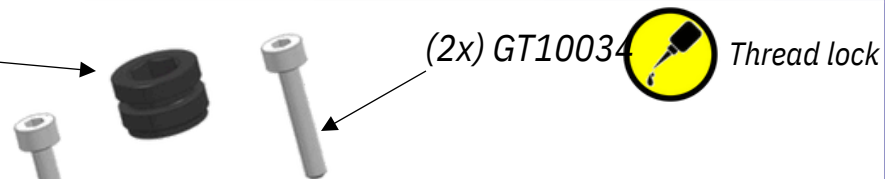
Brake System Pre-assembly



56



GT10224
Adjust the nut position to set
the desired brake disc play
between the brake pads



(2x) GT10034



Thread lock

Use a lubricant for the OR assembly
to prevent tears, twisting, pinching,
cutting and abrasion of the rubber



GT10225



GT10033

GT10030

GT10031



GT10031

GT10030

GT10193
Leave the throttle T Joint free to
rotate and move just a bit axially



GT10004
Thread lock



GT10065
Graphite grease

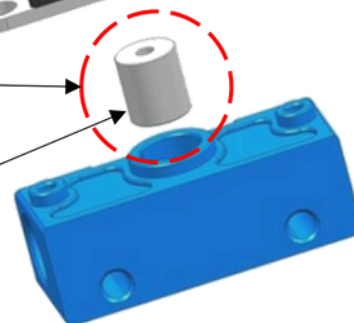


GT10194

GT10024

GT10025

GT10029



GT10028

GT10020

GT10028

Thread lock



GT10026

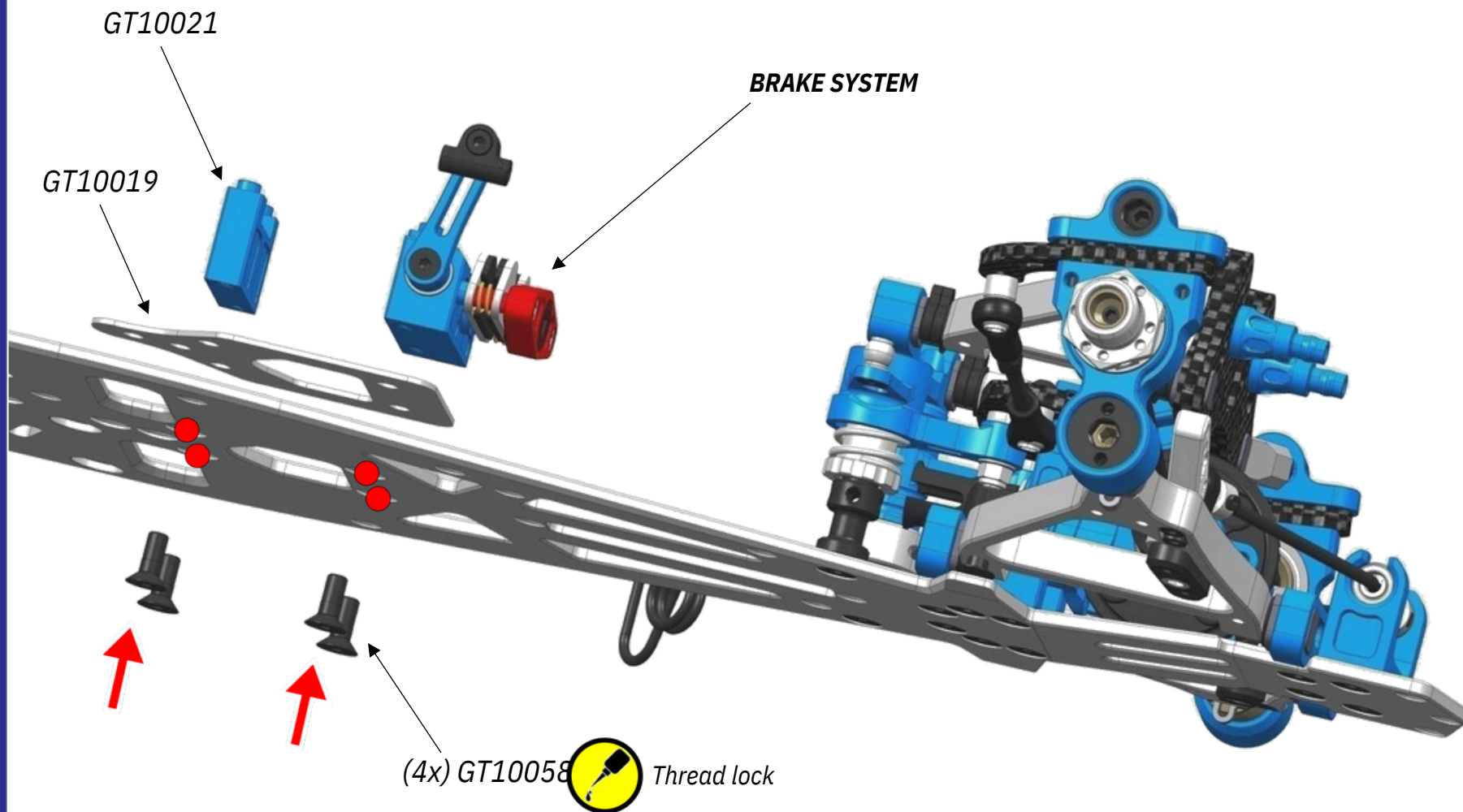
BAG 13

Gearbox-Step 1

Brake System Mounting



57



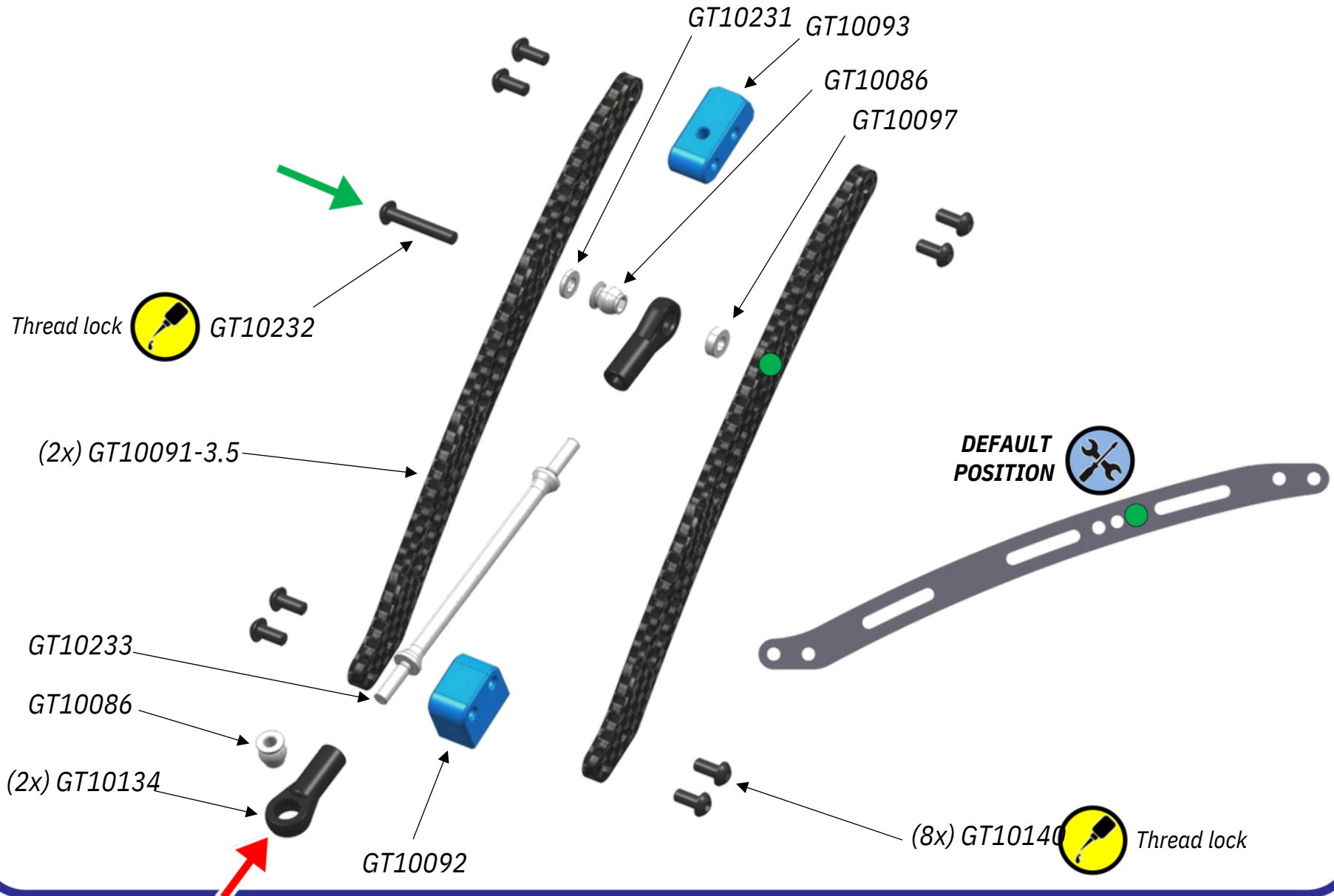
BAG 13

RearStiffener – Step 0

Stiffener Pre-assembly



58



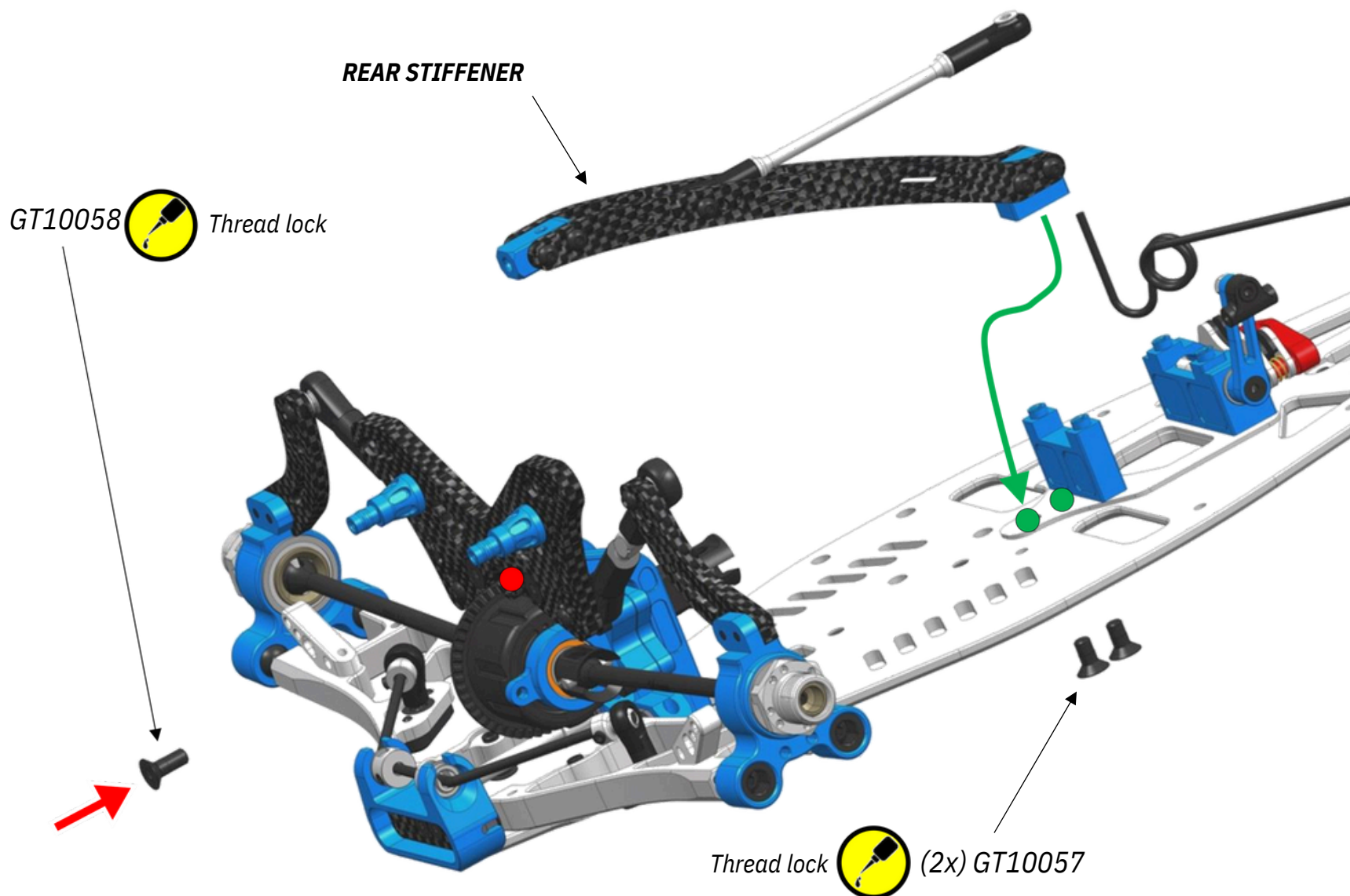
BAG 13

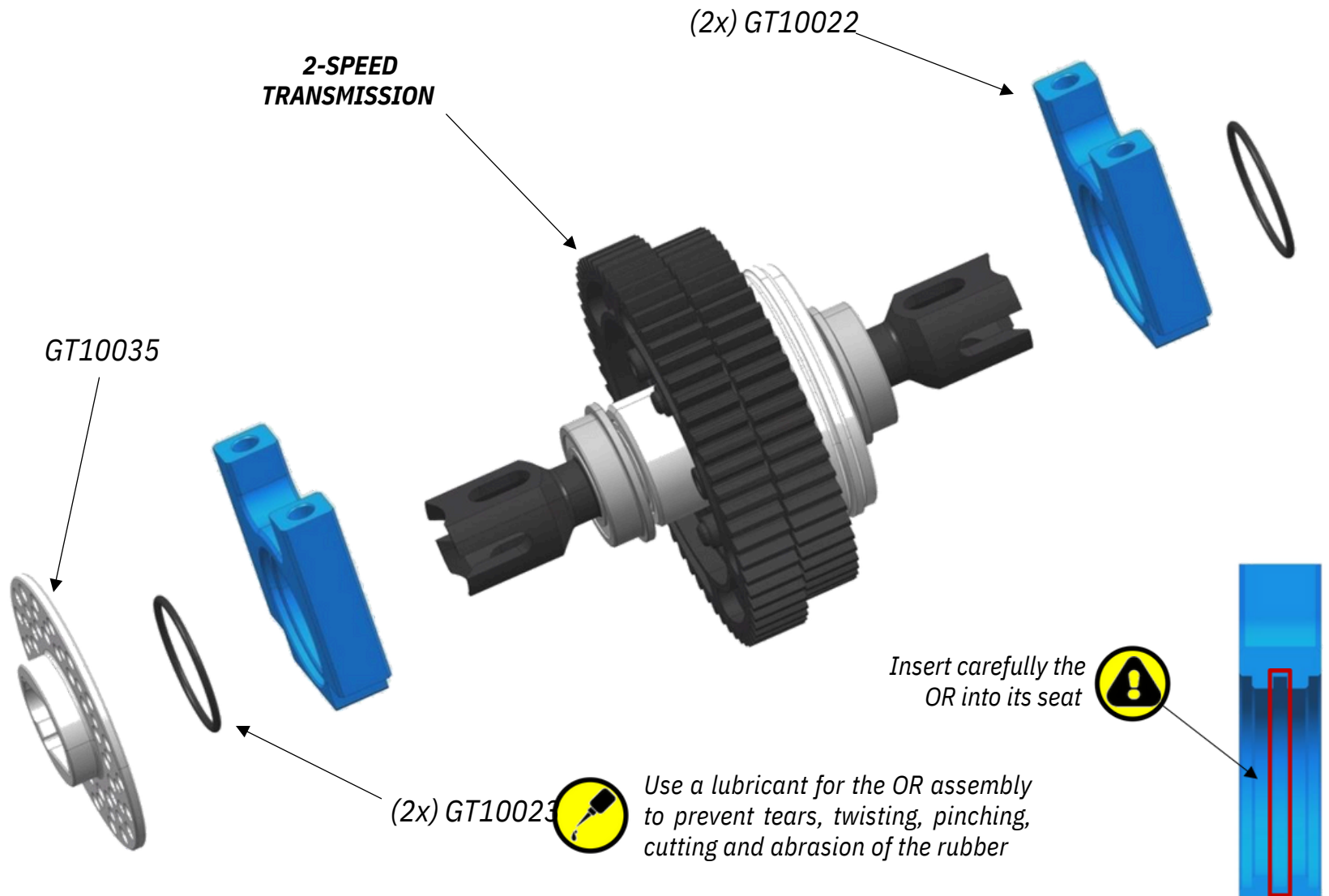
RearStiffener – Step 1

Stiffener Mounting



59



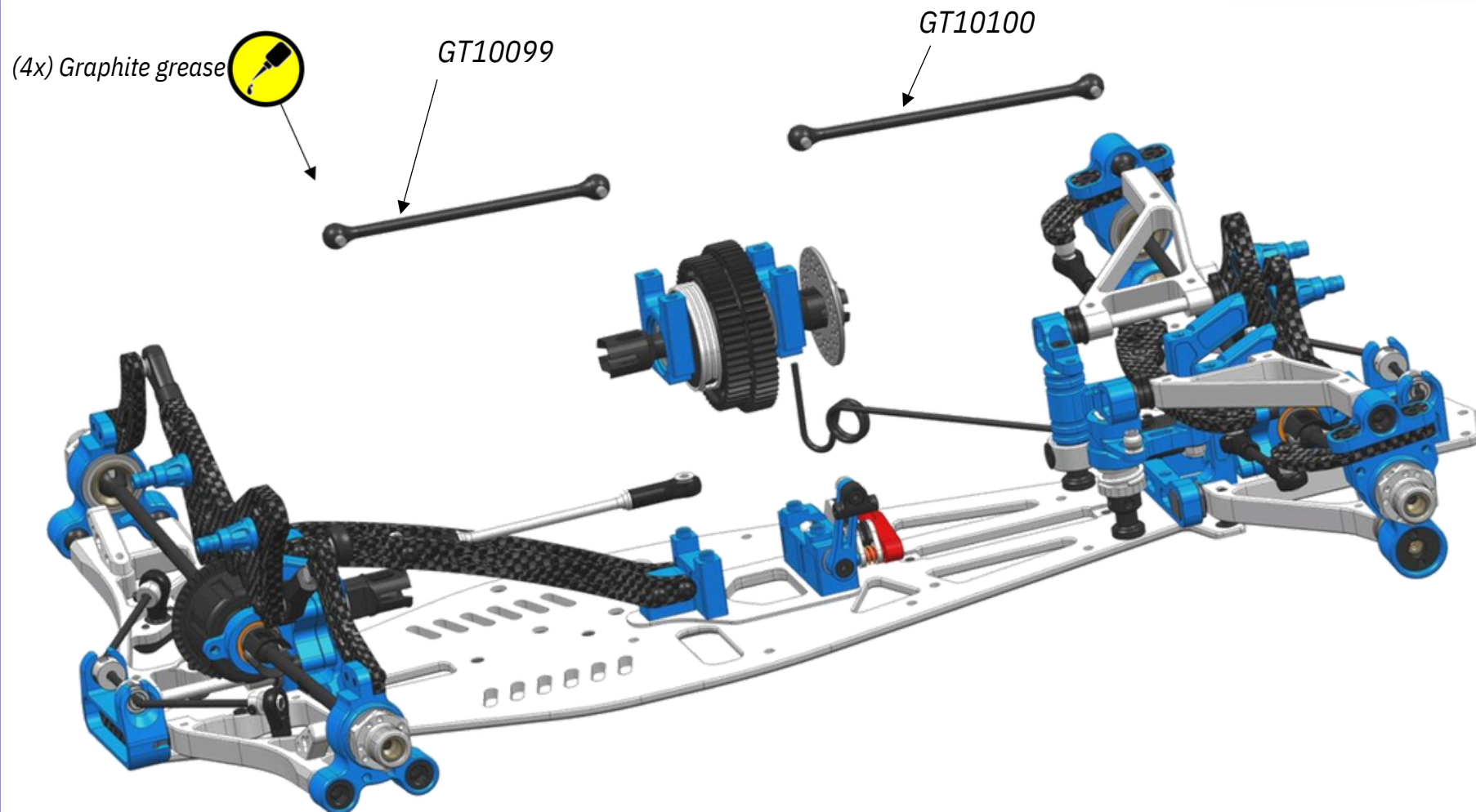


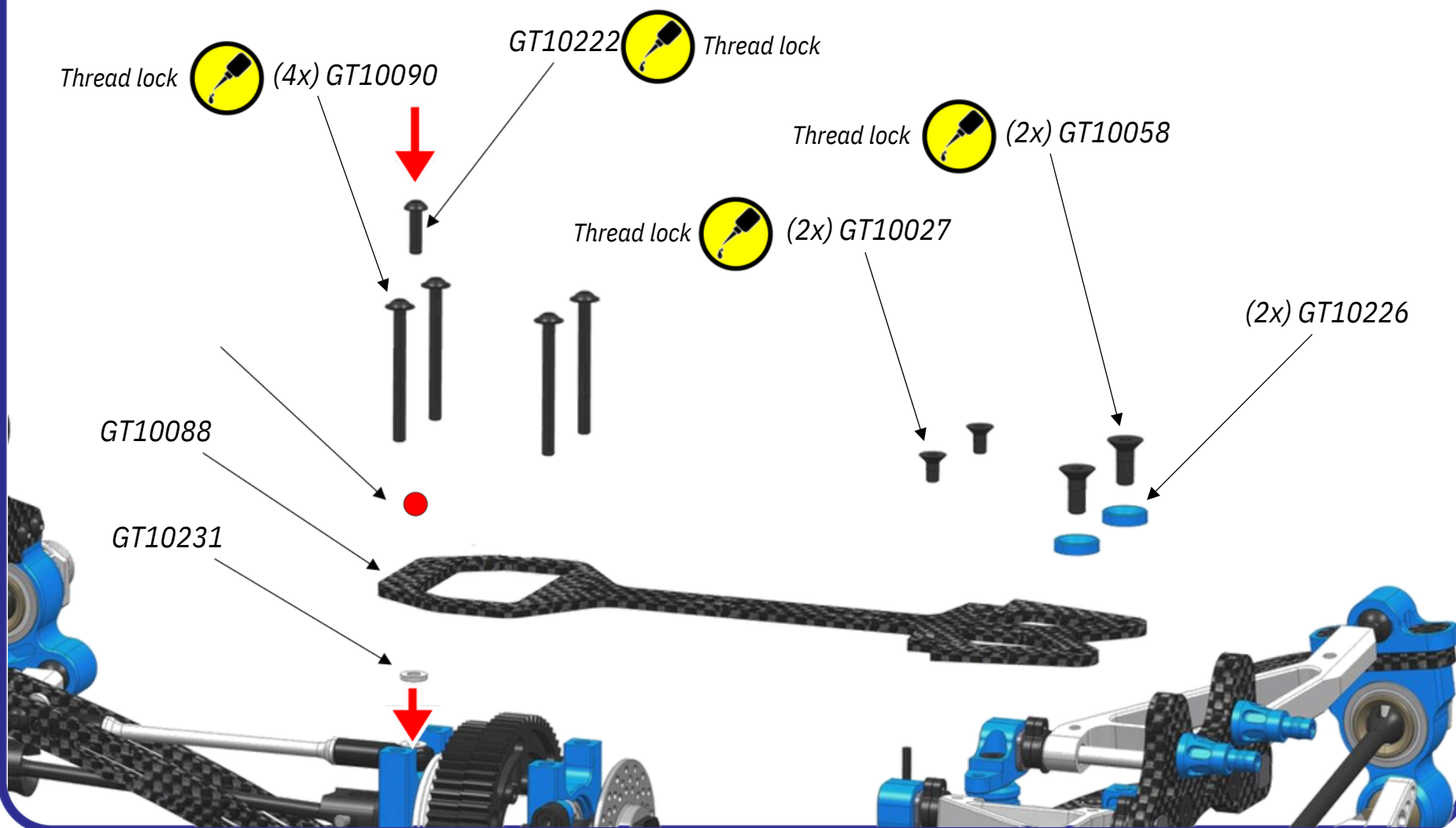
BAG 13

Gearbox—Step 3



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BAG 14

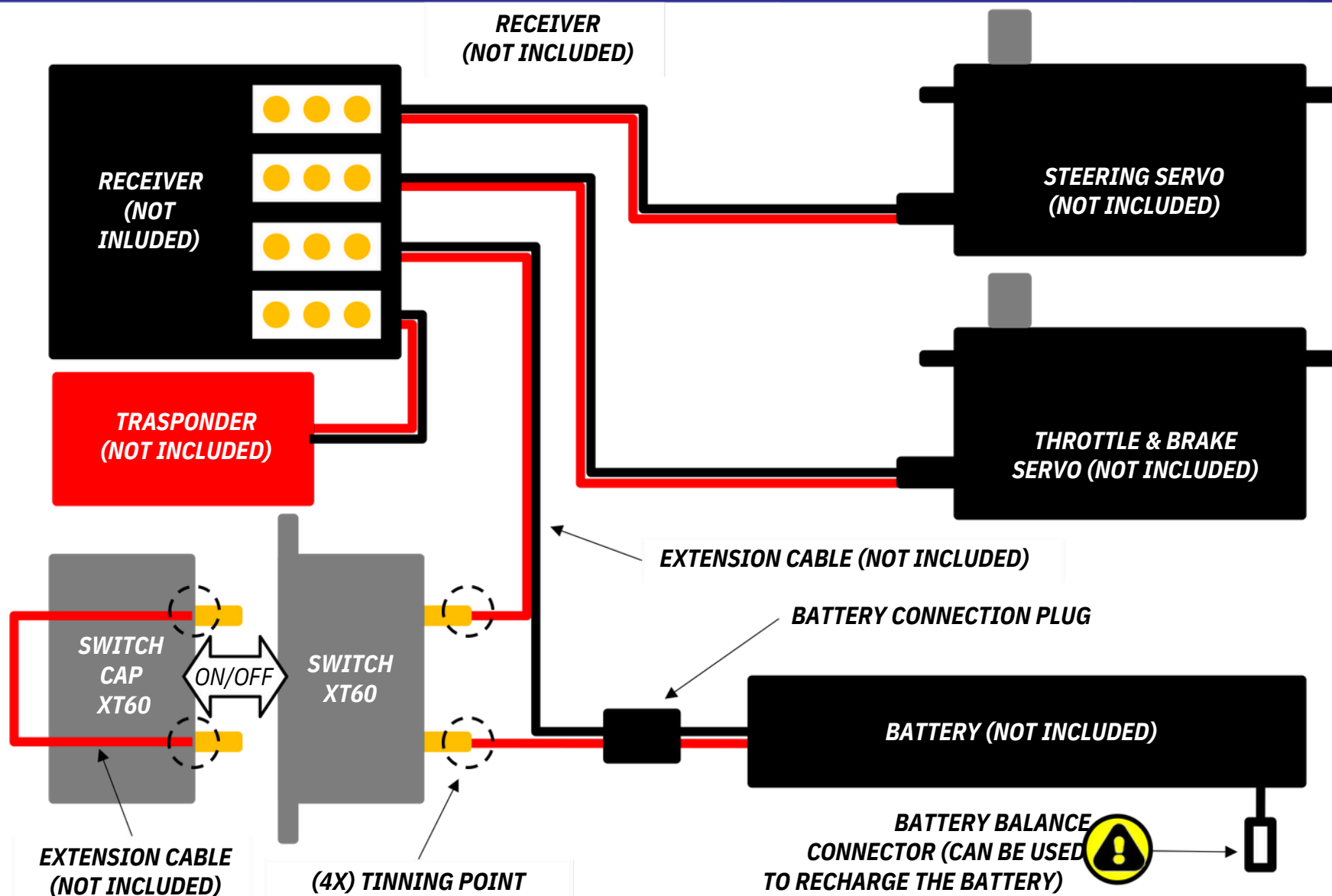
Parts included in the bag



63

Code	Part Name		Qty
GT10191	Steering Radioplate		1
GT10181	Radioplate Battery		1
GT10236	& Receiver Box		1
GT10185	Receiver Box Cover		1
GT10184	Battery Box Cover		1
GT10188	Column M3 22mm		5
GT10189	Servo Holder		4
GT10190	Servo Bushing		8
GT10187	Brake Throttle Arm Column		1
GT10186	Antenna Pipe & Cap		1

Code	Part Name		
GT10074	M3 Socket Head Cap		2
GT10183	Screw M2.5x8 Countersunk Head Cap		11
GT10004	Screw M3x8 Countersunk Head Cap		15
GT10045	Screw M3x12 Button Head Cap		2
GT10096	Screw M3x8		8



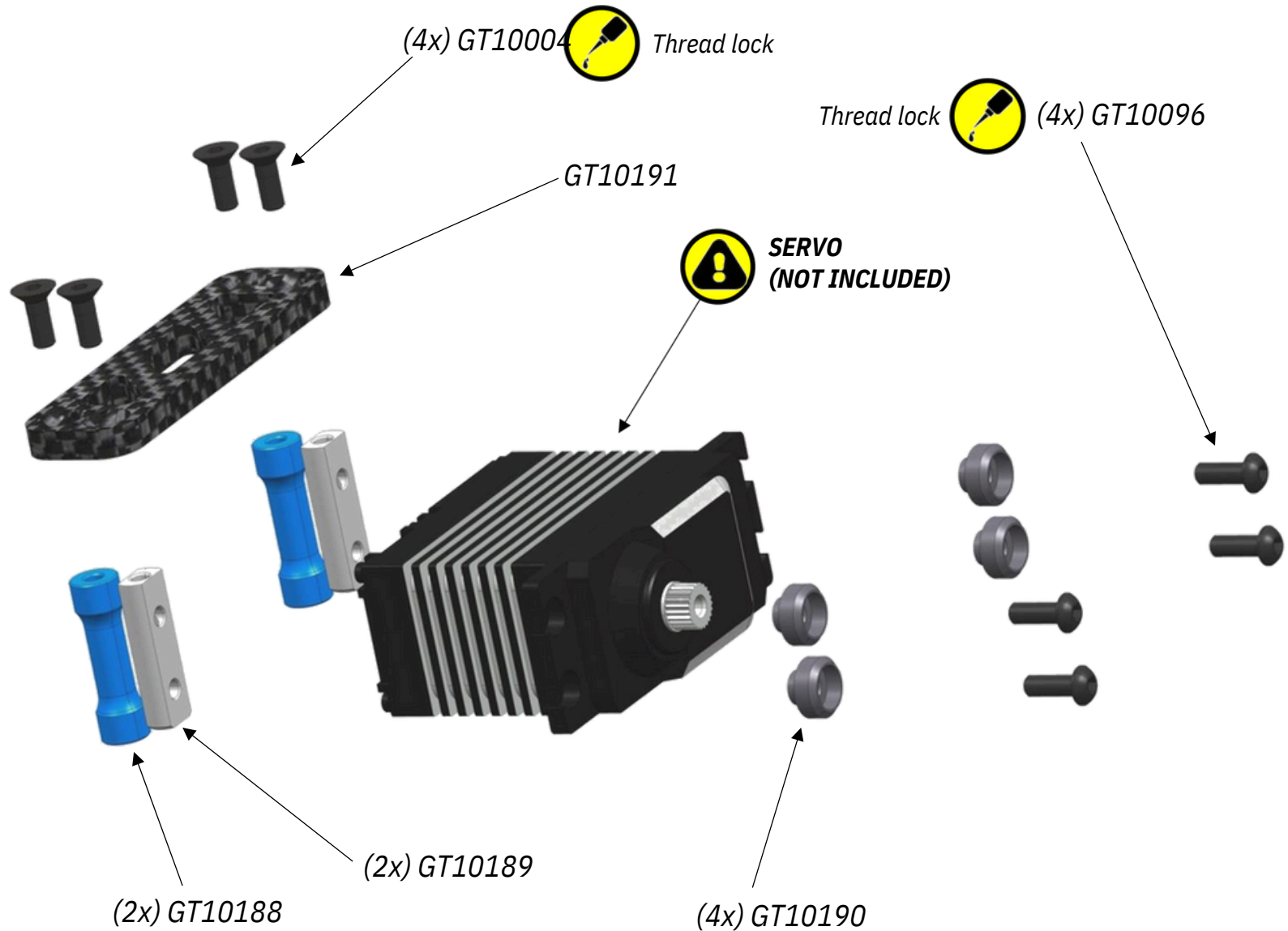
BAG 14

Radioplate – Step 0

Steering Radioplate Pre-assembly



65



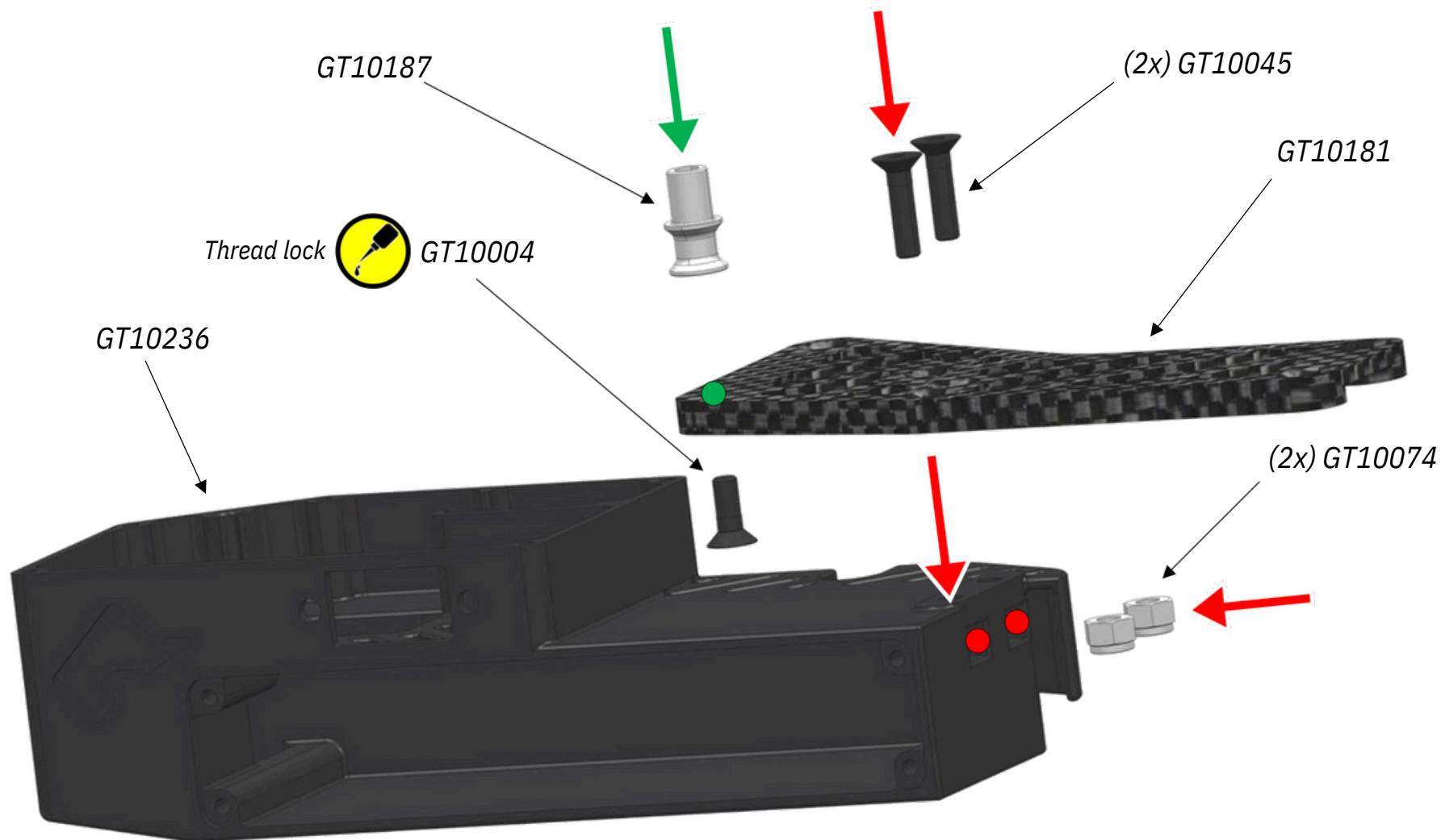
BAG 14

Radioplate - Step 1

Throttle & Brake Radioplate Pre-assembly



66



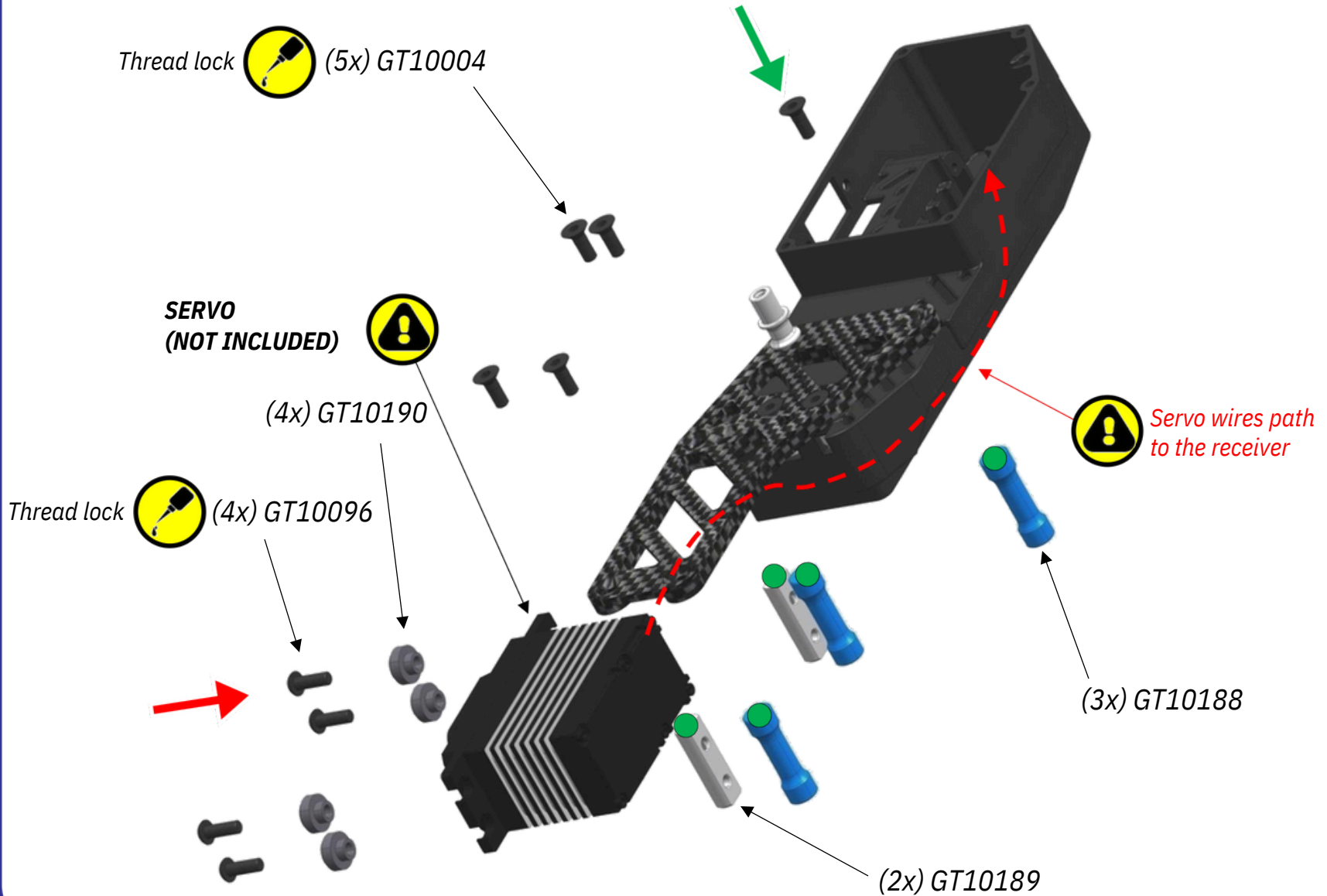
BAG 14

Radioplate – Step 2

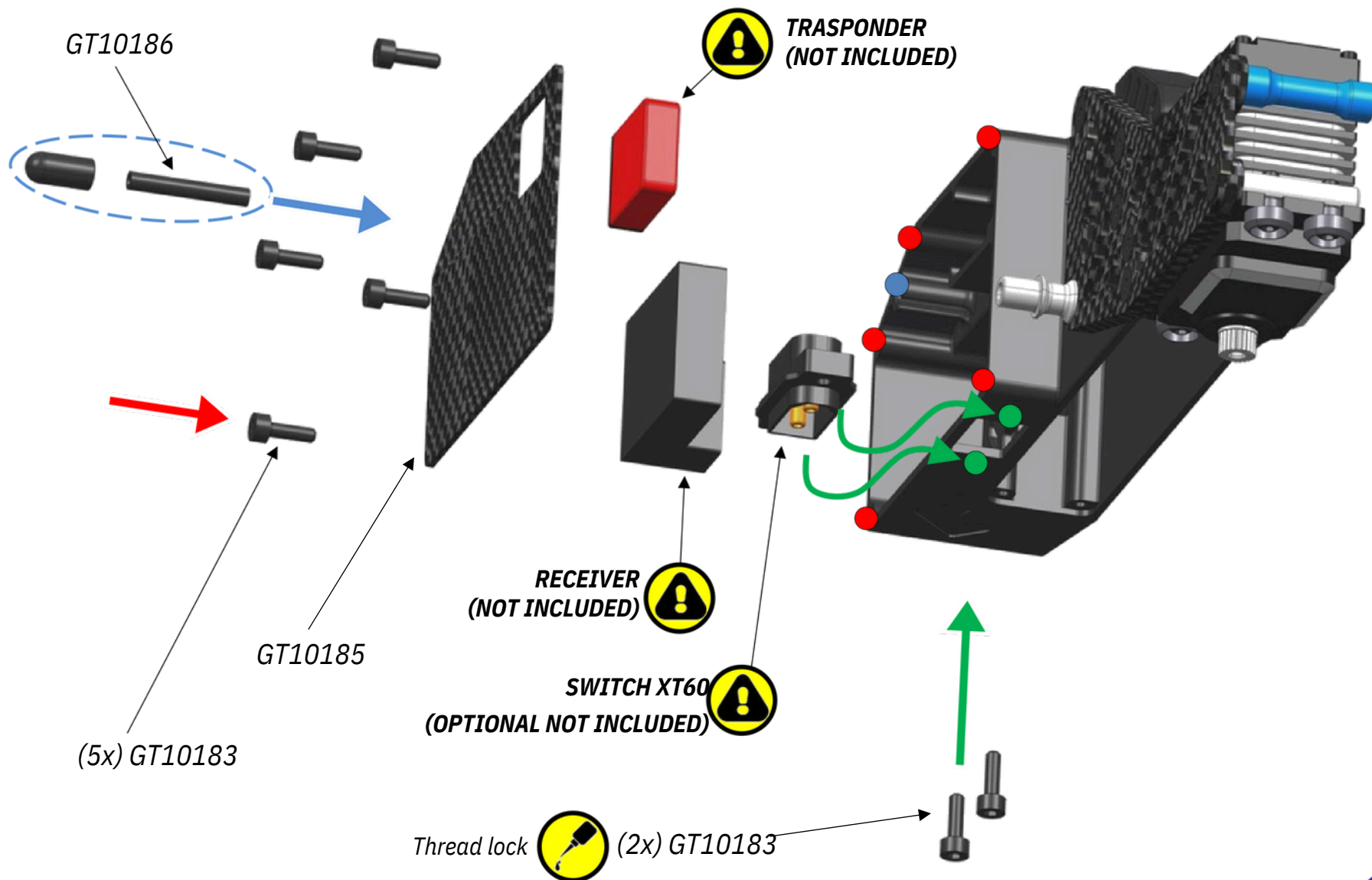
Throttle & Brake Radioplate Pre-assembly



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Throttle & Brake Radioplate Pre-assembly



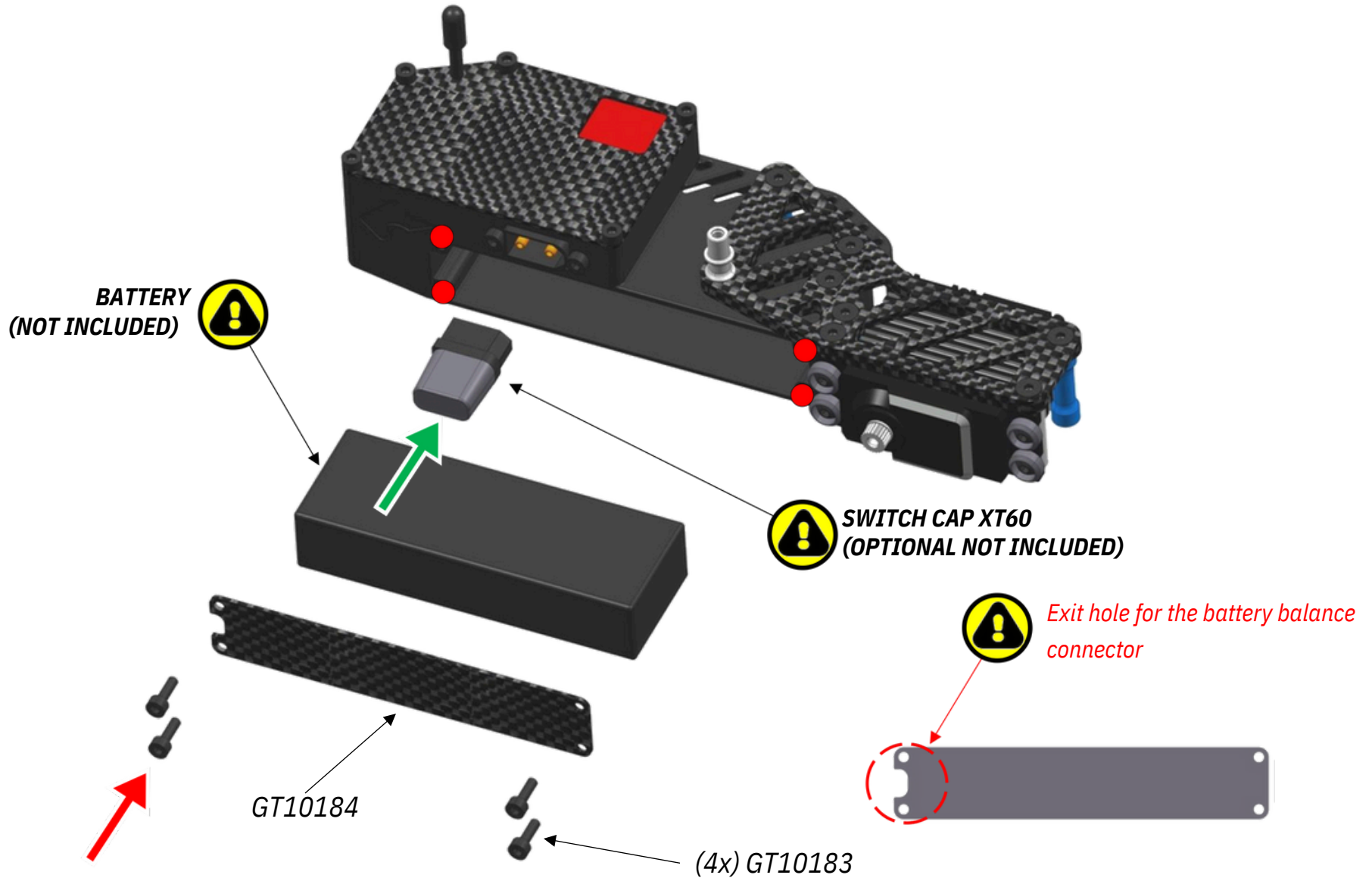
BAG 14

Radioplate – Step 4

Throttle & Brake Radioplate Pre-assembly



69

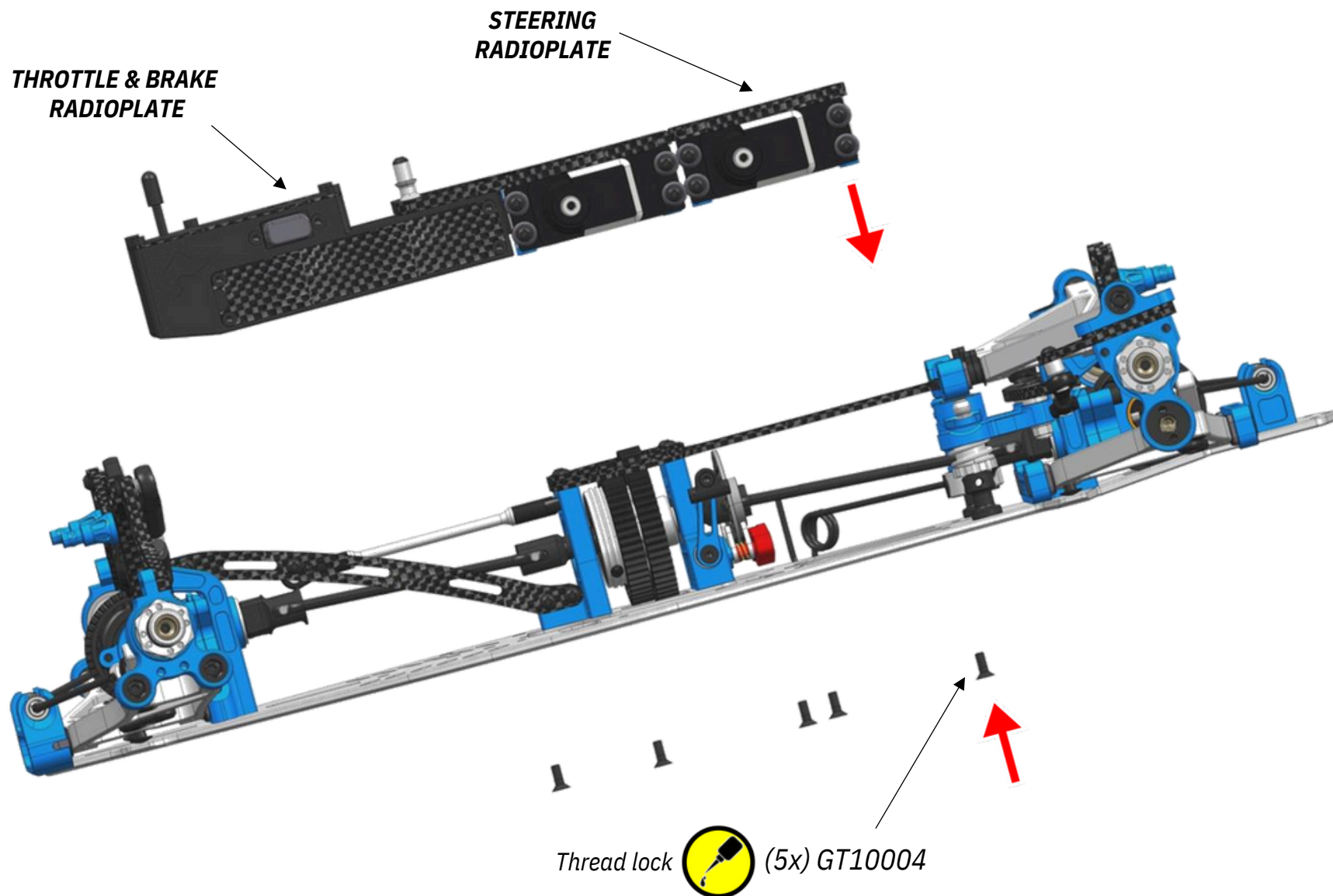


BAG 14

Radioplate – Step 5
Radioplate Mounting



70



BAG 15

Parts included in the bag

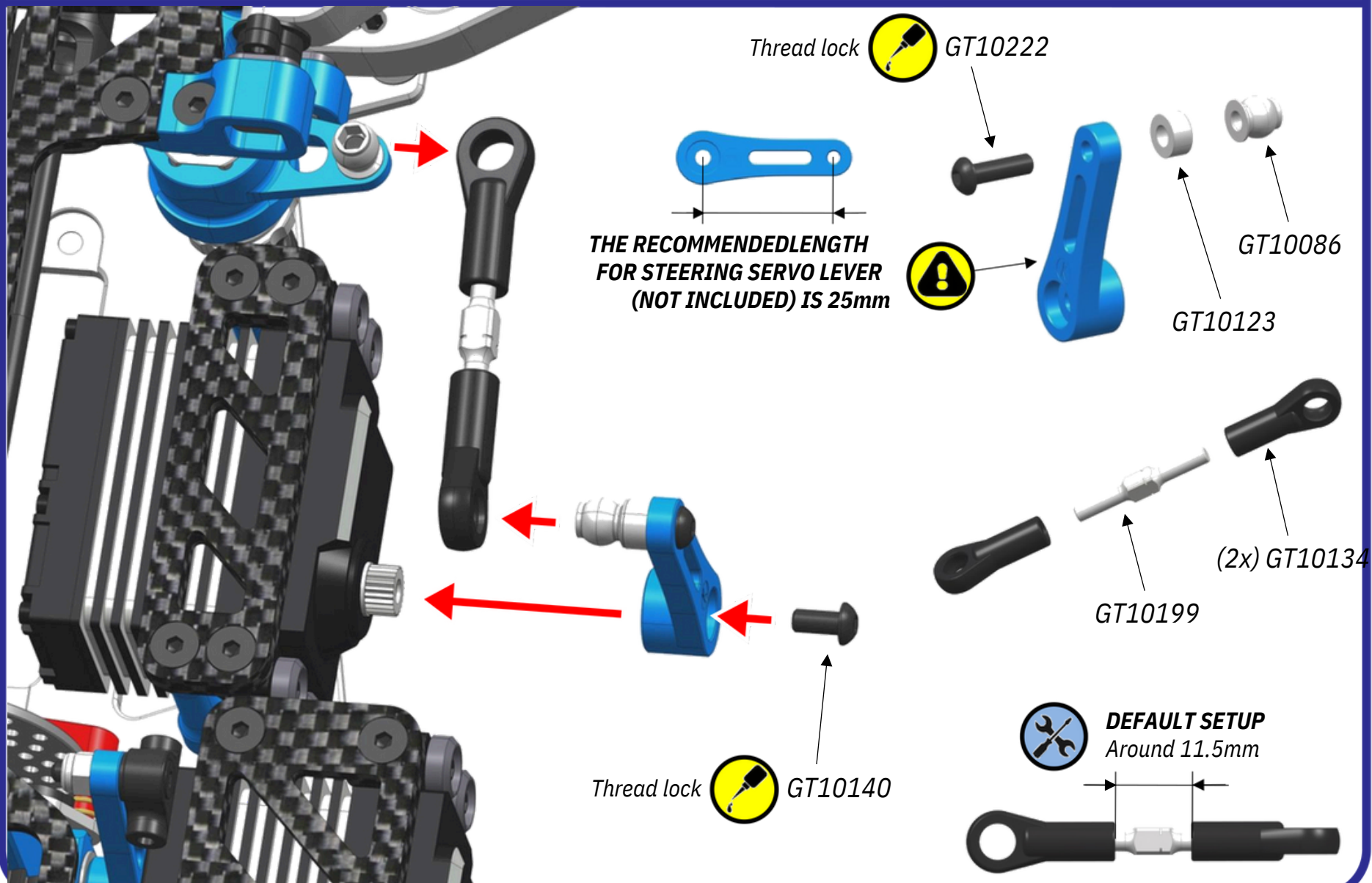


71

Code	Part Name		Qty
GT10200	Servo Lever		1
GT10192	Brake Throttle Arm		1
GT10199	Turnbuckle 3x27mm		2
GT10195	Throttle Linkage		1
GT10201	Brake Linkage		1
GT10196	Throttle Spring		1
GT10193	Throttle T Joint		1
GT10198	Carburetor Linkage		1
GT10134	Long Uniball Link 5.8mm		4
GT10086	Uniball 5.8mm		3
GT10197	Collar		4

Code	Part Name		Qty
GT10028	Flanged Bearing 5x8x2.5		2
GT10123	Shim 3x6x3.0		1
GT10220	Shim 3x6x4.0		1
GT10065	Self-locking Nut M2.5		1
GT10006	Grub Screw M3x3		4
GT10234	Socket Head Cap Screw M2.5x16		1
GT10140	Button Head Cap Screw M3x6		5
GT10222	Button Head Cap Screw M3x10		1

Servo Linkage Pre-assembly



BAG 15

Throttle&Brake Servo Linkages – Step 0

Servo Linkages Pre-assembly



73



Select the lever that fits
withy our servo

GT10086

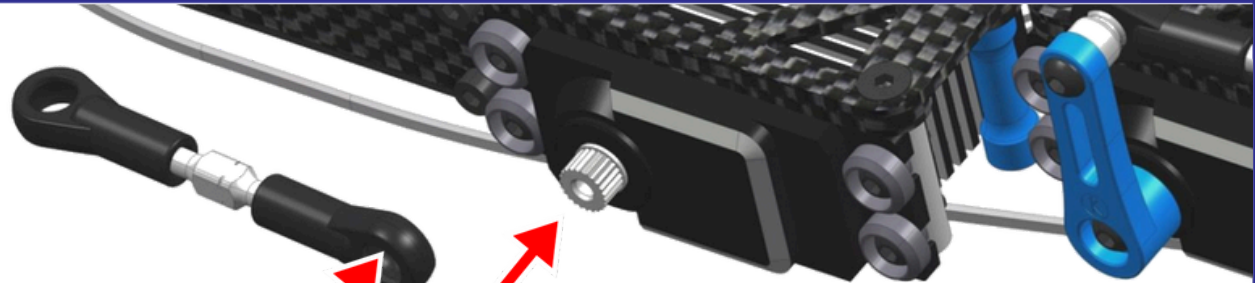
GT10086



GT10140



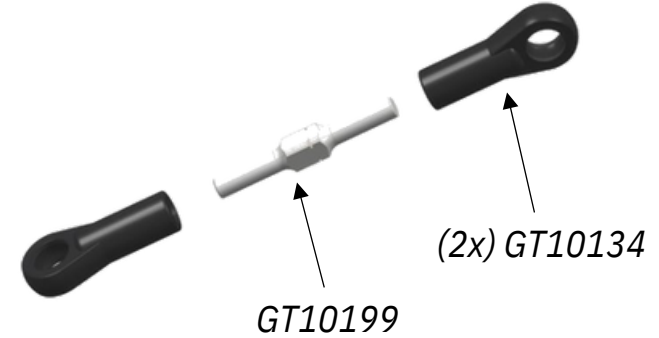
Thread lock



GT10140



Thread lock



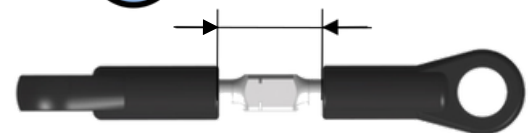
GT10199

(2x) GT10134



DEFAULT SETUP

Around 12.0mm



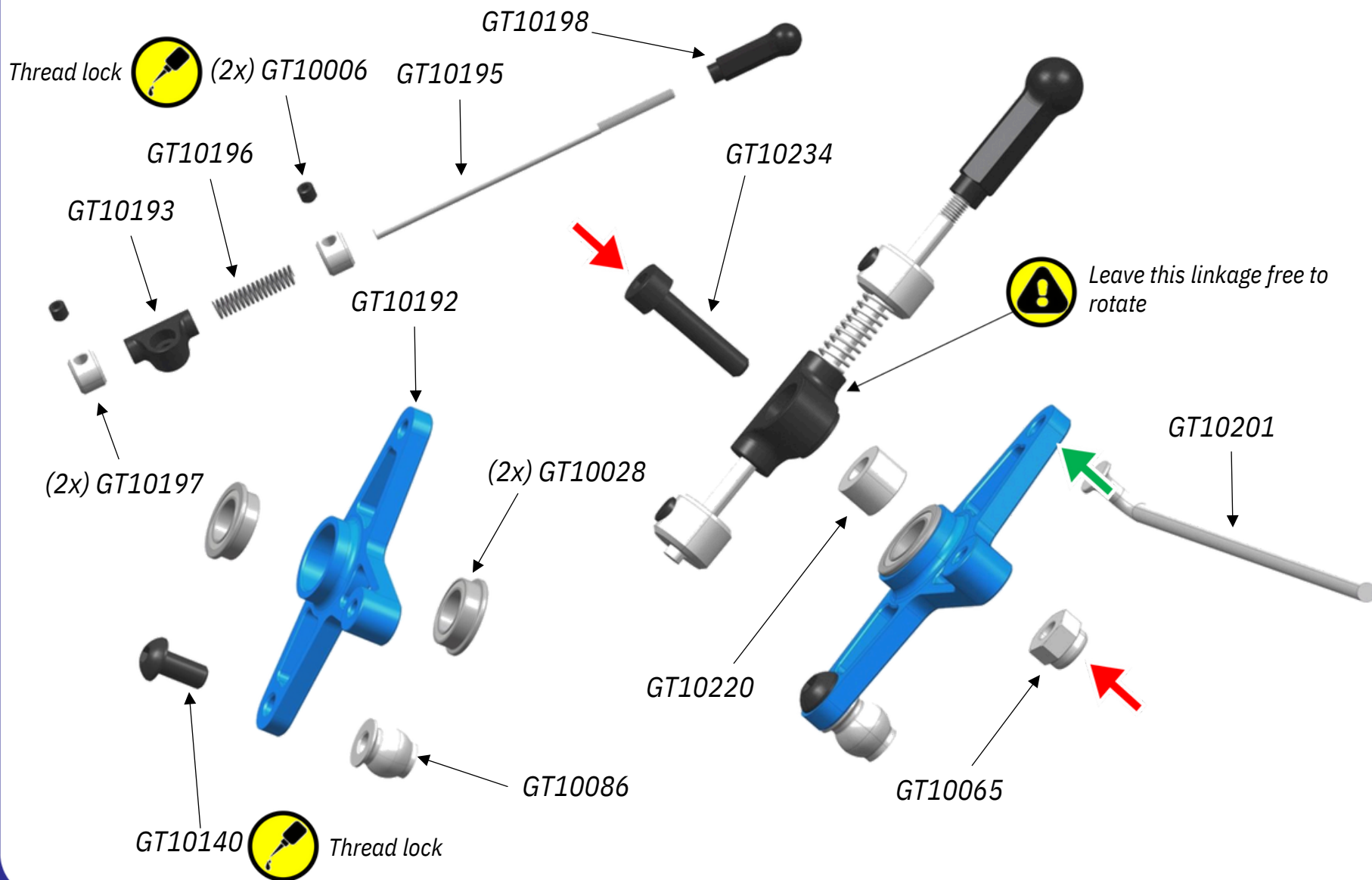
BAG 15

Throttle&Brake Servo Linkages – Step 1

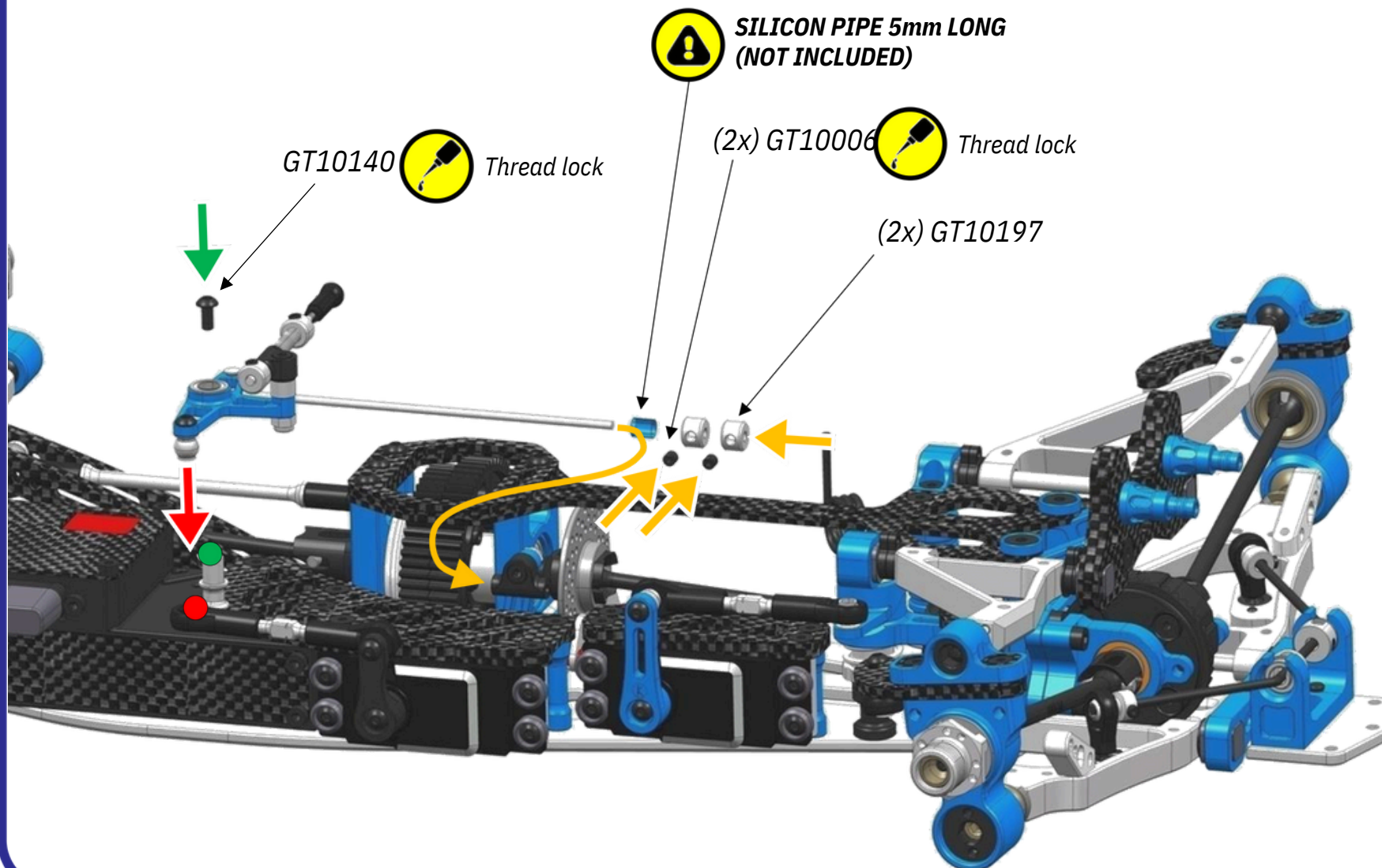
Servo Linkages Pre-assembly



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Servo Linkages Mounting

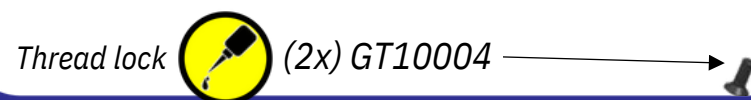
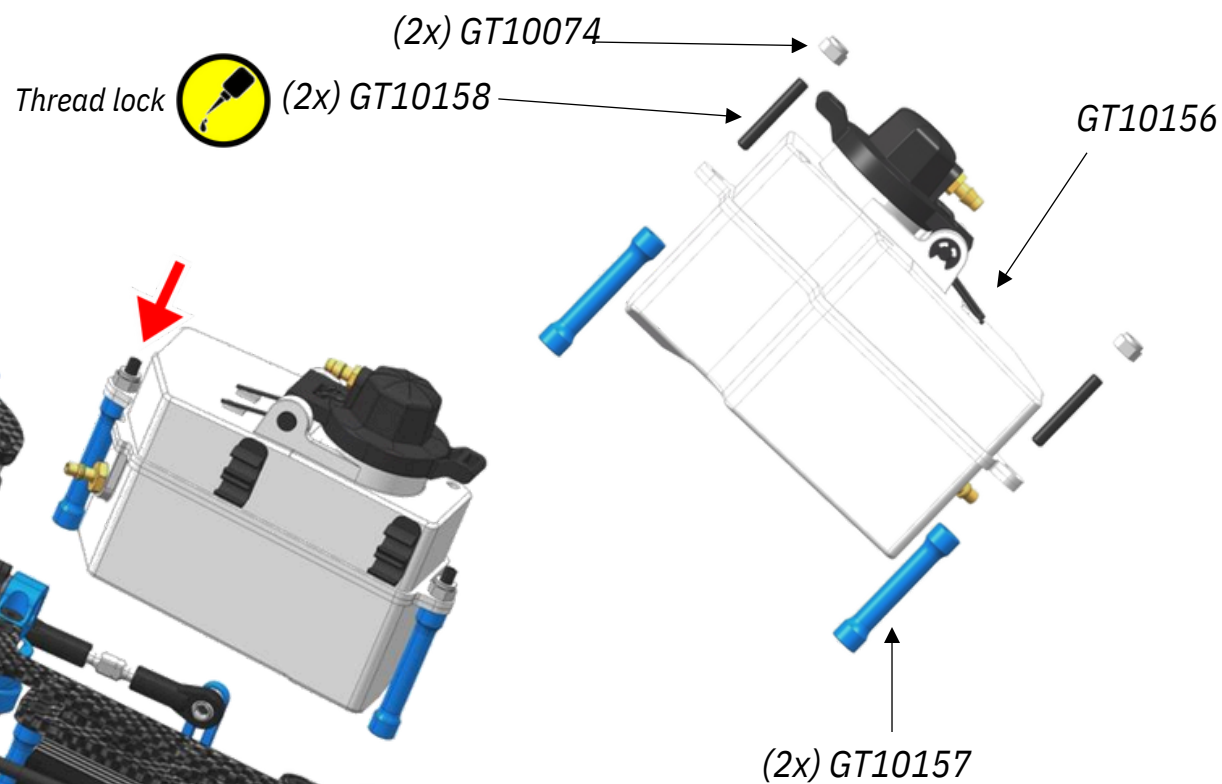


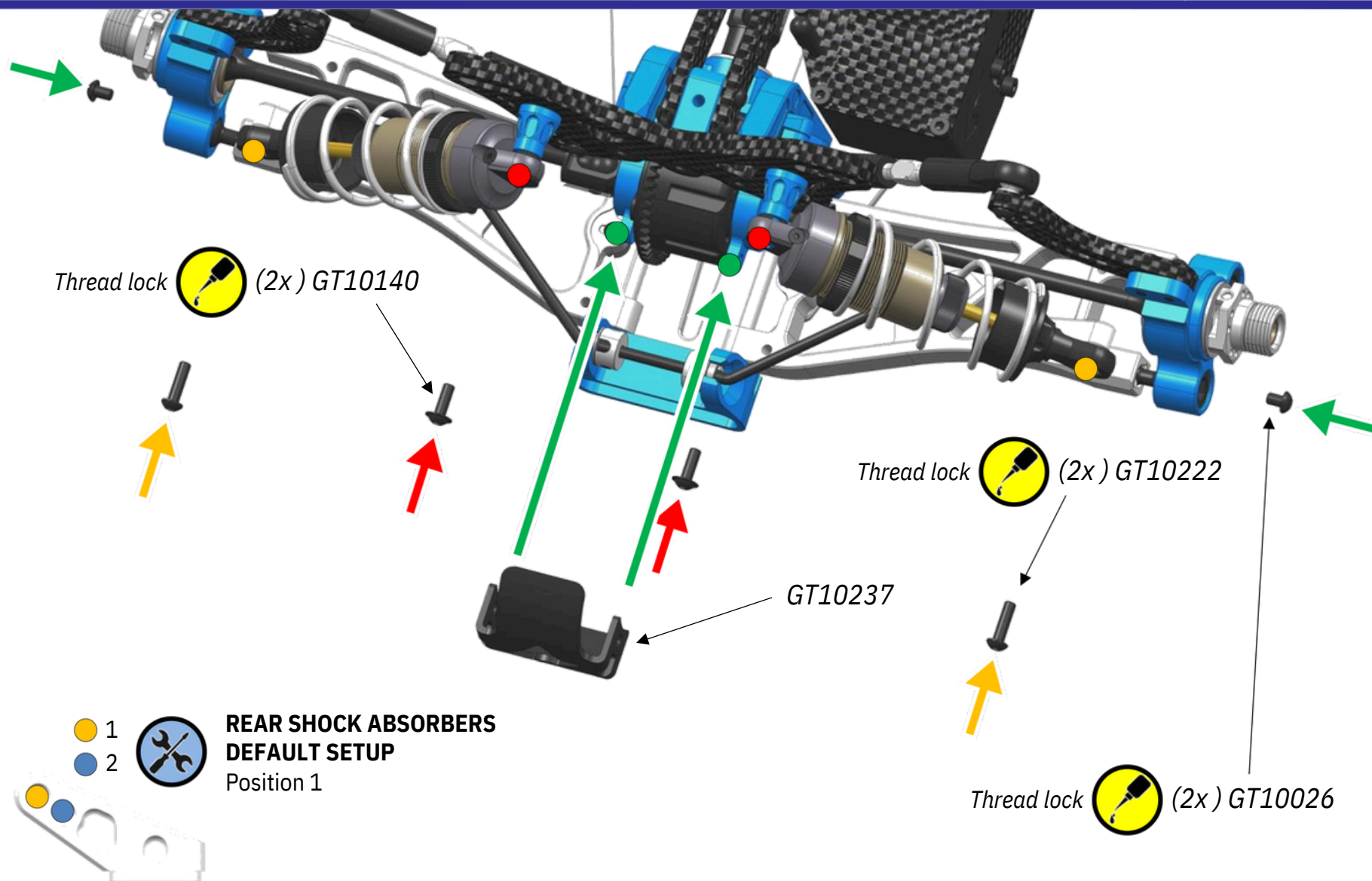
BAG 16*Parts included in the bag*

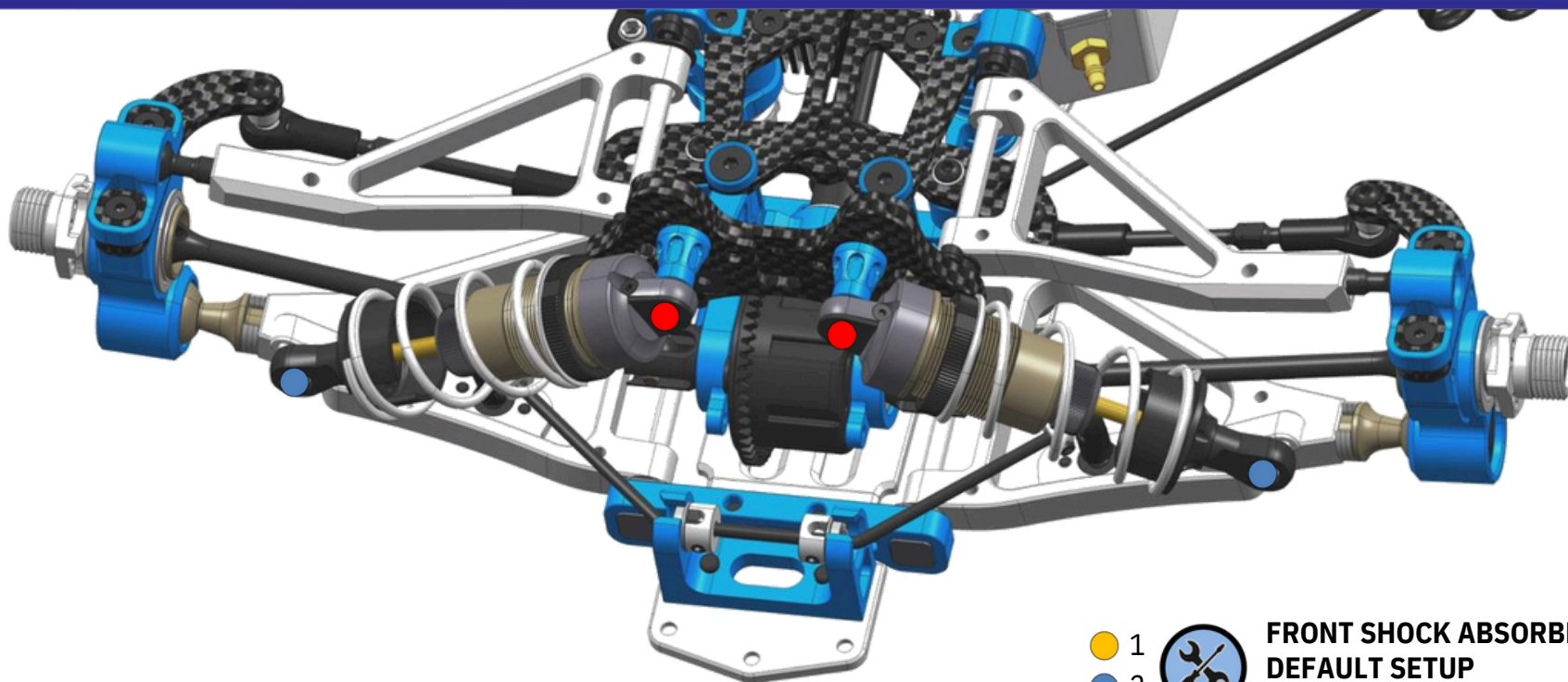
76

Code	Part Name		Qty
GT10156	Tank		1
GT10157	Column M3 34mm		2
GT10060	Rear Body Mount Holder		2
GT10061	Body Mount		2
GT10063	Body Post BodyScrew		2
GT10066	M6x40 (optional)		2
GT10237	DifferentialProtection		1
GT10228	Clips		2
GT10074	Self-locking Nut M3		2
GT10158	Grub Screw M3x20		2
GT10067	Socket Head Cap Screw M2x5		2

Code	Part Name		Qty
GT10004	Countersunk Head Cap Screw M3x8		6
GT10026	Button Head Cap Screw M3x4		2
GT10140	Button Head Cap Screw M3x6		4
GT10222	Button Head Cap Screw M3x10		4
GT10062	Button Head Cap Screw M4x12		2







1
2



**FRONT SHOCK ABSORBERS
DEFAULT SETUP**
Position 2



Thread lock  (2x) GT10140

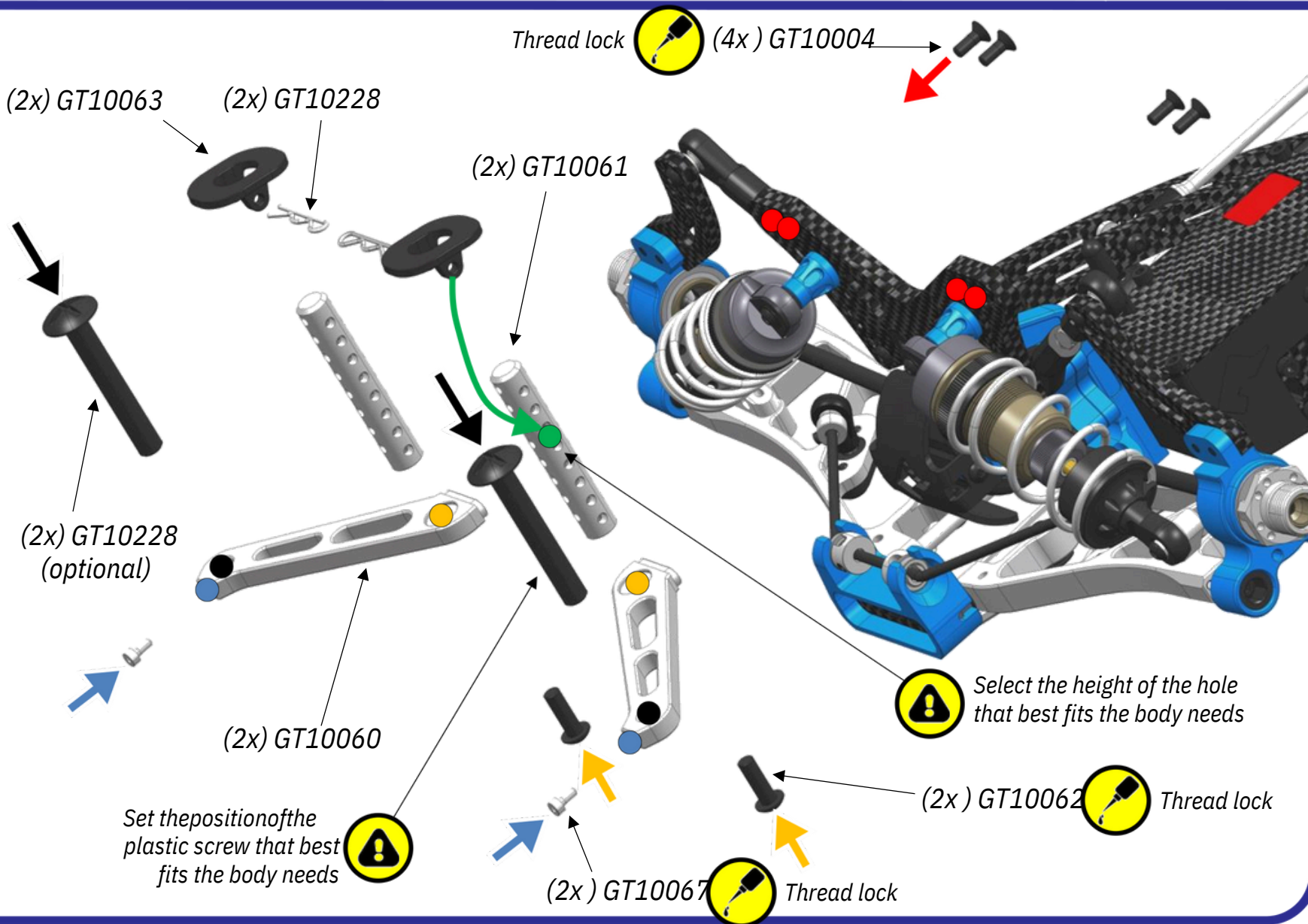
Thread lock  (2x) GT10222

BAG 16

Rear Body Mount



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BAG 17

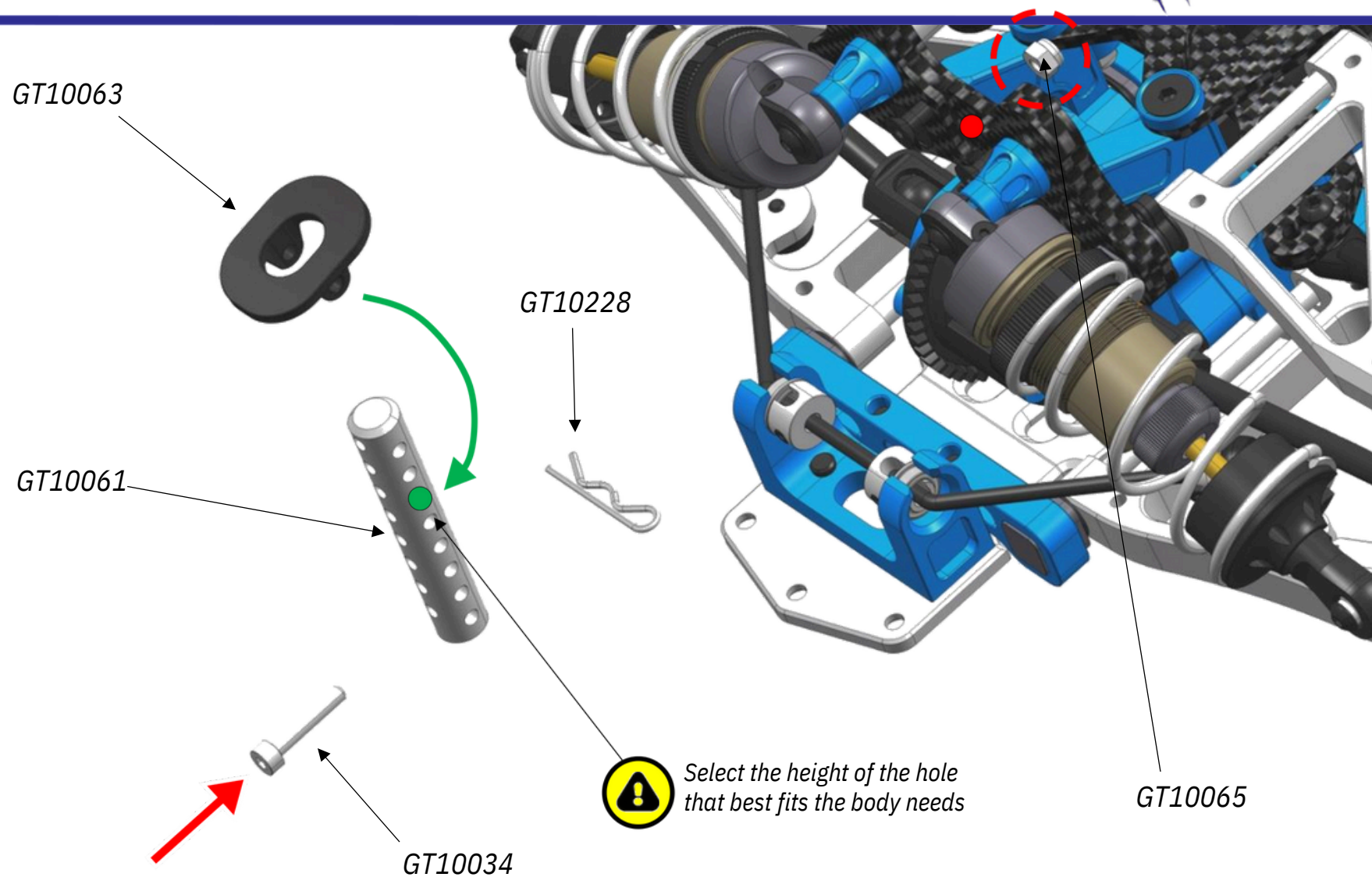
Parts included in the bag

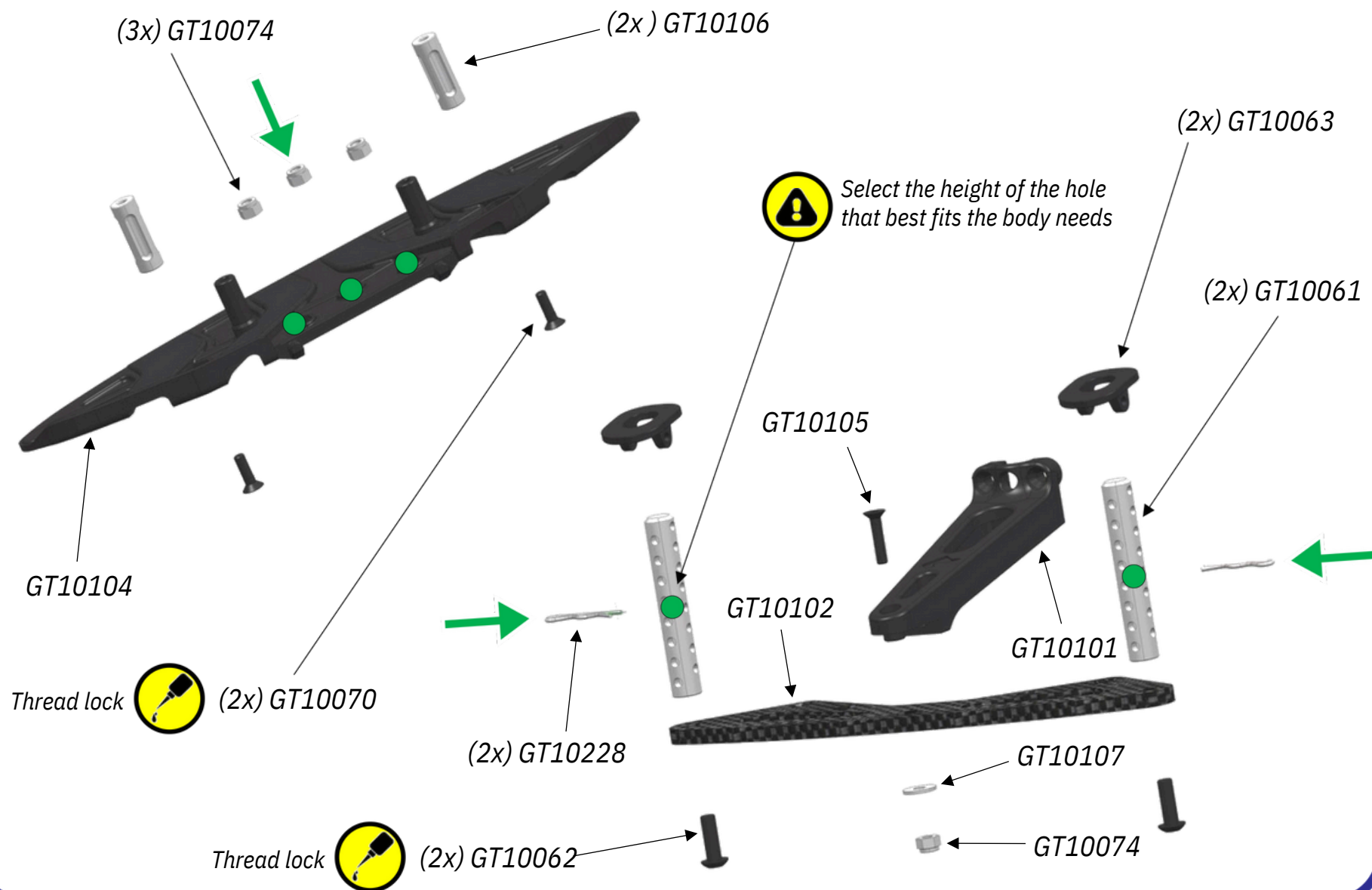


81

Code	Part Name		Qty
GT10103	Bumper Foam		1
GT10104	Bumper		1
GT10106	Bumper Column		2
GT10061	Body Mount		3
GT10063	Body Post		3
GT10102	Front Body Plate		1
GT10101	Front Bumper Cap		1
GT10107	Washer 3.2x9x0.8		1
GT10228	Clips		2
GT10065	Self-locking Nut M2.5		1
GT10074	Self-locking Nut M3		6

Code	Part Name		Qty
GT10034	Socket Head Cap Screw M2.5x14		1
GT10070	Countersunk Head Cap Screw M3x10		7
GT10062	Countersunk Head Cap Screw M3x12		2
GT10105	Countersunk Head Cap Screw M3x14		3
GT10062	Button Head Cap Screw M4x12		2



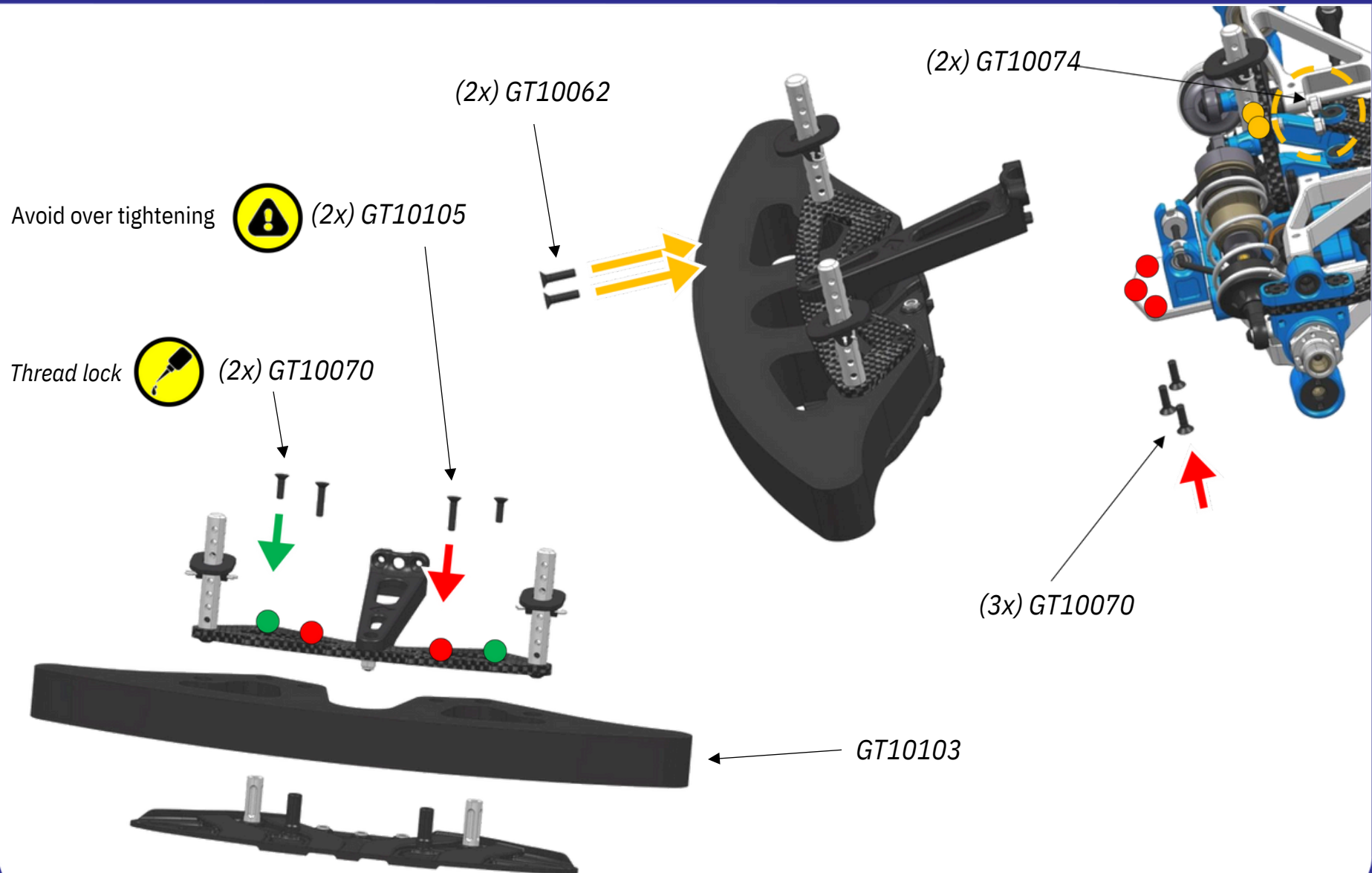


BAG 17

Bumper-Step 2



84



BAG 18*Parts included in the bag*

85

<i>Code</i>	<i>Part Name</i>		<i>Qty</i>
GT10165-L	Engine Mount Left		1
GT10165-R	Engine Mount Right		1
GT10054	Socket Head Cap Screw M3x10		4
GT10166	Button Head Cap Screw Flange M4x8		4
GT10128	Wheel Nut		4
GT10167	Clutch flywheel		1
GT10168	Clutch flywheel Nut		1
GT10169	Clutch Shoes		1
GT10170	Clutch Disk		1
GT10171-XH	Clutch Spring Extra Hard		1
GT10172	Clutch Ring		1

<i>Code</i>	<i>Part Name</i>	<i>Qty</i>
GT10173	Shim 5X7X0.5	1
GT10174	Bearing 5x10x4	1
GT10239	Bearing 5x8x2.5	2
GT10175-S	Clutch Bell Short Gears	1
GT10176-22T	Pinion 22T	1
GT10177-17T	Pinion 17T	1
GT10178	Clutch Bushing	1
GT10054	Socket Head Cap Screw M3x10	1

