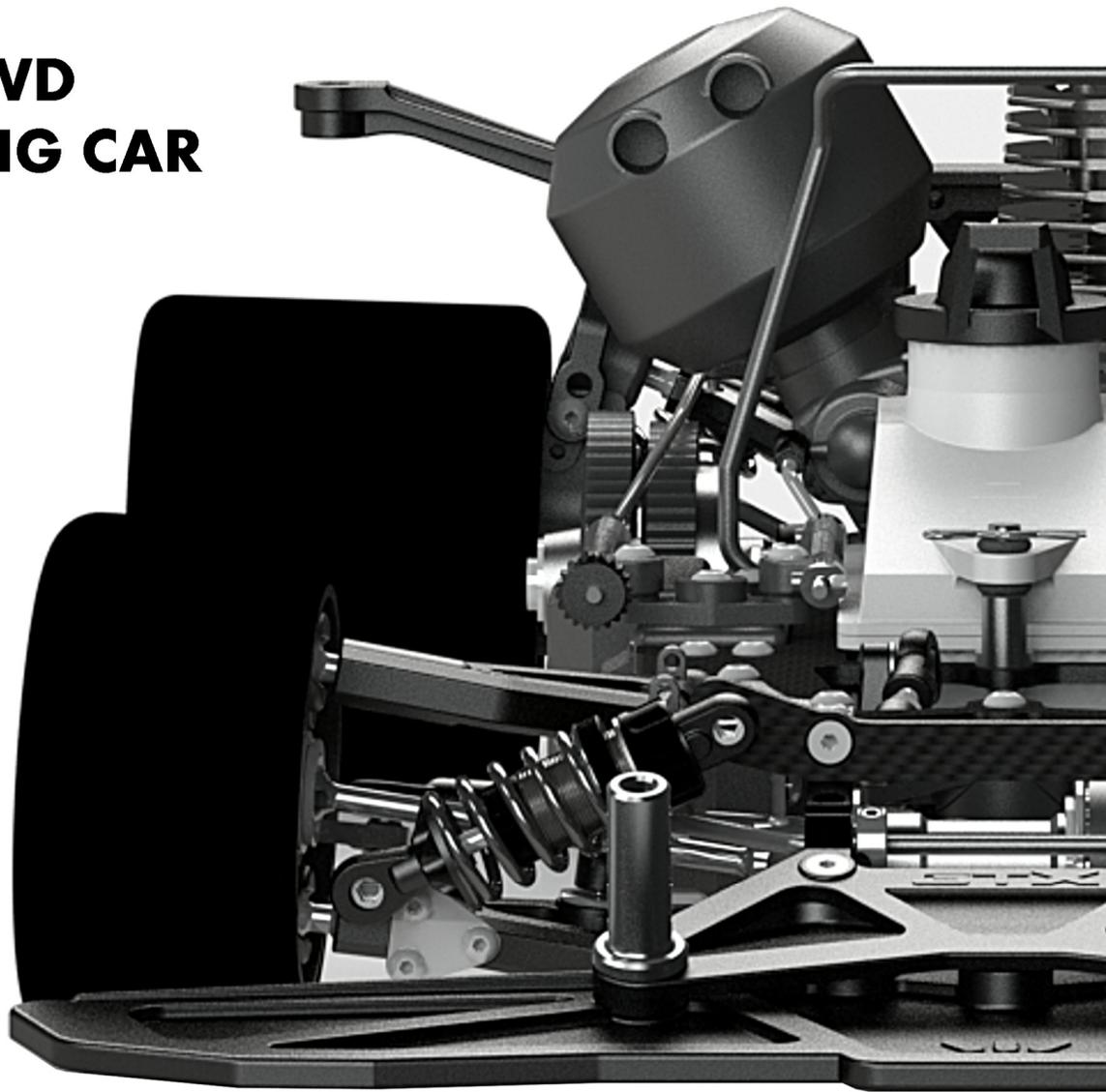


# GT X 015

M A D E I N I T A L Y

**1:8 SCALE 4WD  
NITRO RACING CAR**



## **INSTRUCTION MANUAL**





## INTRODUCTION

GT X is a new generation high quality 1/8 scale nitro onroad car.  
GT X is supplied in a box equipped with Instruction Manual.  
Its use is intended for more than 16 years old persons with experience on rc model car field.  
Children and all the persons without this requirement **MUST** have direct supervision of a knowledgeable adult responsible.

## SAFETY PRECAUTIONS

Instruction Manual **MUST** be read and fully understood before to start building and operating functions.  
Always keep Instruction Manual in safety place, ready to be consulted for any reference you need.  
Use only original WRC spare parts.

## GENERAL INFORMATION

Assemble the kit only away from the reach of children.  
Follow the building and operating instructions using the utmost care.  
Don't put any part of your body inside rotating and moving elements as this may cause damage or serious injury.  
Check and clean the model before putting it away.  
Don't use your model car in public places or in roads and areas where it could generate conflict with person or vehicular traffic.  
The model car is controlled by radio: you **MUST** put great care to avoid loss of radio control always keeping a safety margin all around your model in order to prevent any collision.  
Operating frequency: check and be sure it is clear and not shared with anybody at same time; it could cause loss of control of the RC model.  
Always turn on your transmitter before you turn on the receiver in the car and always turn off the receiver before you turn off your transmitter.  
Keep the wheels of the model off the ground when checking the operation of the radio equipment.  
Disconnect the battery pack before storing your model.

## WARRANTY

WRC guarantees this model kit to be free from defects in both material and workmanship within 30 days of purchase.  
The total monetary value under warranty will in no case exceed the cost of the original kit purchased.  
This warranty doesn't cover any components damaged by use or modification or as result of wear.  
Part or parts missing from this kit must be reported within 30 days of purchase.  
No part or parts will be sent under warranty without proof of purchase.  
If you find a defective or missing part, contact the local distributor.  
Customer service and support will be provided through local hobby store.  
No warranties are expressed or implied that cover damage caused by what is considered normal use or cover or imply how long any model cars' components or electric components will last before requiring replacement.  
Due to the high performance level of this model car you will need to periodically maintain and replace consumable components; any and all warranty coverage will not cover replacement of any part or component damaged by neglect, abuse or improper or unreasonable use.  
This includes but is not limited to damage from crashing, excessive moisture, improper use or no maintenance or user modifications which compromise the integrity of components.  
Warranty will not cover components that are considered consumable on RC model car.  
WRC doesn't pay nor refund on any component sent from WRC or its distributor for warranty.  
WRC reserves the right to make final determination of the warranty status of any component or part  
Use only original WRC spare part:

## CUSTOMER SUPPORT

Please don't hesitate to contact WRC support at [info@wrc-racing.com](mailto:info@wrc-racing.com) for any problem or question.  
Also kindly visit our website [www.wrc-racing.com](http://www.wrc-racing.com) to find last updates, set-up information, option parts and other information.

### W.R.C. world racing car s.r.l.

Via Meucci, 23/B  
36040 Brendola (VI)  
**ITALY**

Phone: 0039 0 444 401138  
fax: 0039 0 444 401139  
E-mail: [info@wrc-racing.com](mailto:info@wrc-racing.com)  
Website: [www.wrc-racing.com](http://www.wrc-racing.com)



## TECHNICAL INFORMATION

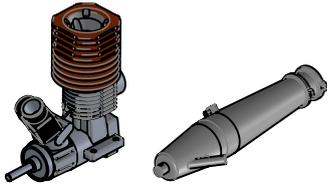
- BODY: PROTOTYPE MODEL (NOT INCLUDED)
- ADJUSTABLE FRONT TOE, CAMBER AND CASTER
- ADJUSTABLE REAR TOE AND CAMBER
- BUMPER /FRONT BACKSTOP
- ALUMINIUM CHASSIS
- FULL BALL BEARING
- CARBON RADIO PLATE
- TRANSMISSION: TRIPLE BELT 4WD
- FRONT DIFFERENTIAL: ONE-WAY
- REAR DIFFERENTIAL: SOLID AXLE
- FRONT AND REAR ADJUSTABLE ANTI-ROLL BARS
- PIVOT BALL SUSPENSIONS

## TECHNICAL DATA

- LENGTH .....435 MM.
- WIDTH .....260 MM.
- WHEEL BASE .....adjustable 294-298 MM.
- WEIGHT CHASSIS.....2080 GR.

## REQUIRED BUT NOT INCLUDED IN THE KIT

ADDITIONAL ITEMS NEEDED FOR COMPLETION



ENGINE AND MUFFLER



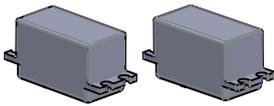
TRANSMITTER



RECEIVER



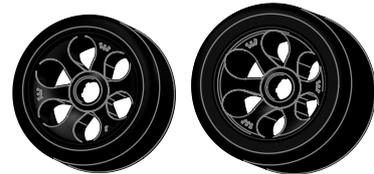
LEXAN BODY



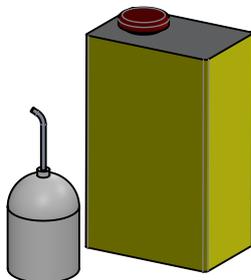
2 LOW PROFILE STEERING SERVO



AA ALKALINE BATTERIES  
FOR TRANSMITTER  
AND RECEIVER



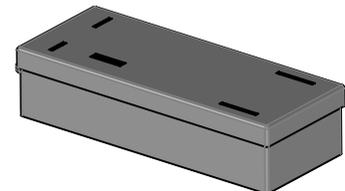
WHEEL - TYRES - INSERTS



FUEL AND FUEL PUMP



POCKET BOOSTER



STARTER

## TOOLS REQUIRED

THESE TOOLS ARE NOT INCLUDED IN THE KIT BUT ARE REQUIRED FOR PROPER ASSEMBLY



- ALLEN:  
1.5 MM.  
2.0 MM.  
2.5 MM.  
3.0 MM.



RING PLIERS



SIDE CUTTER

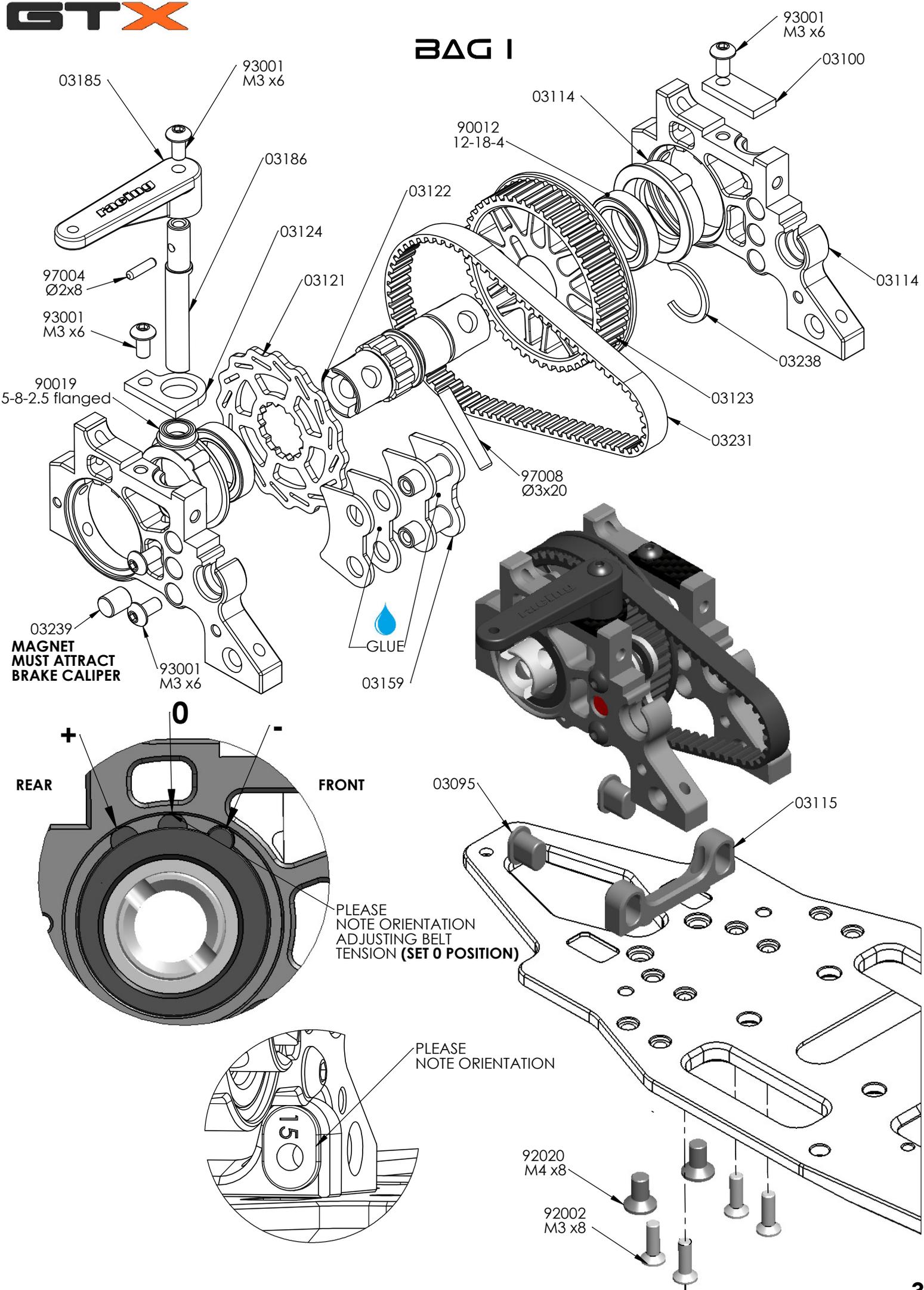


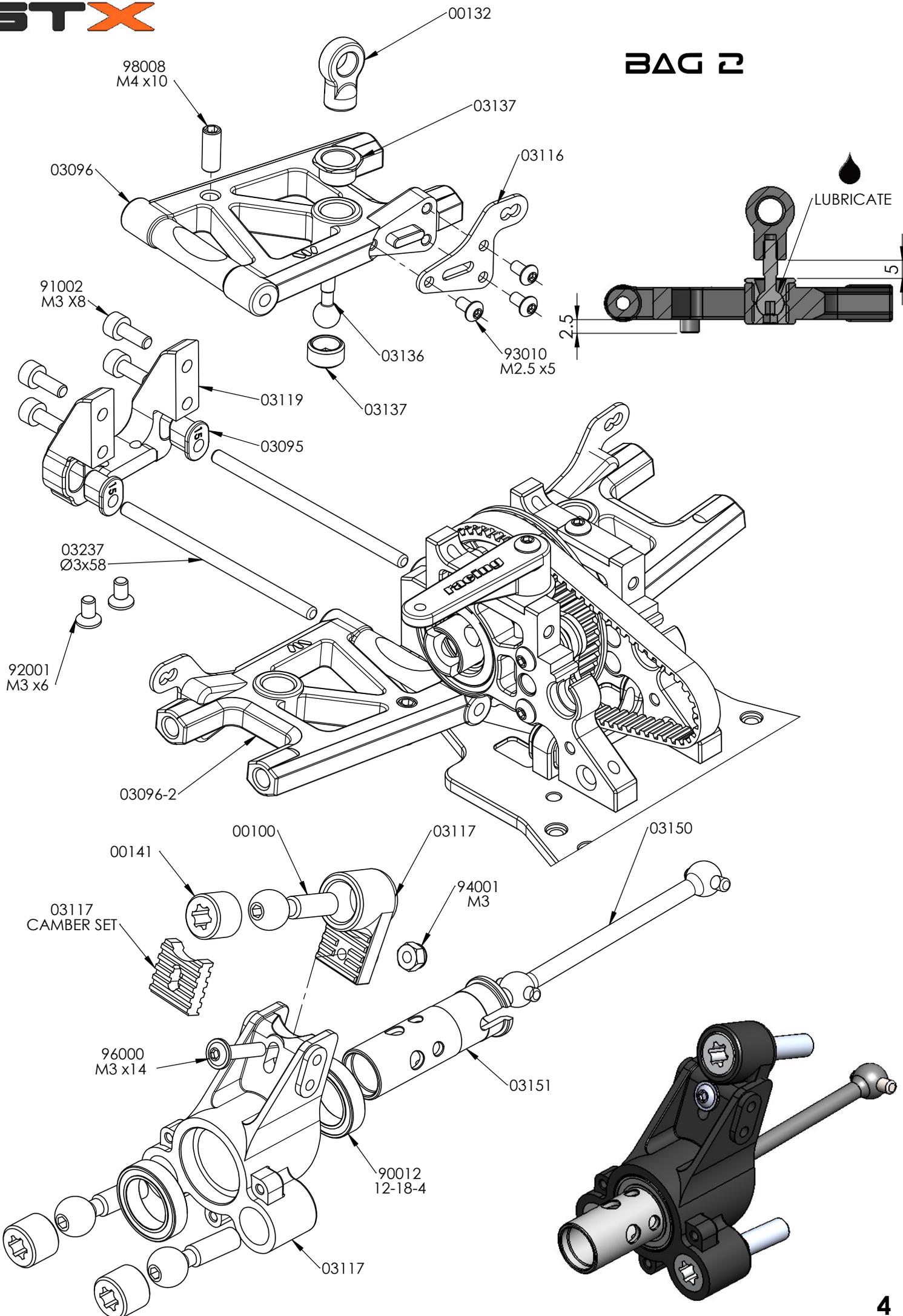
SCISSORS

## NOTICE:

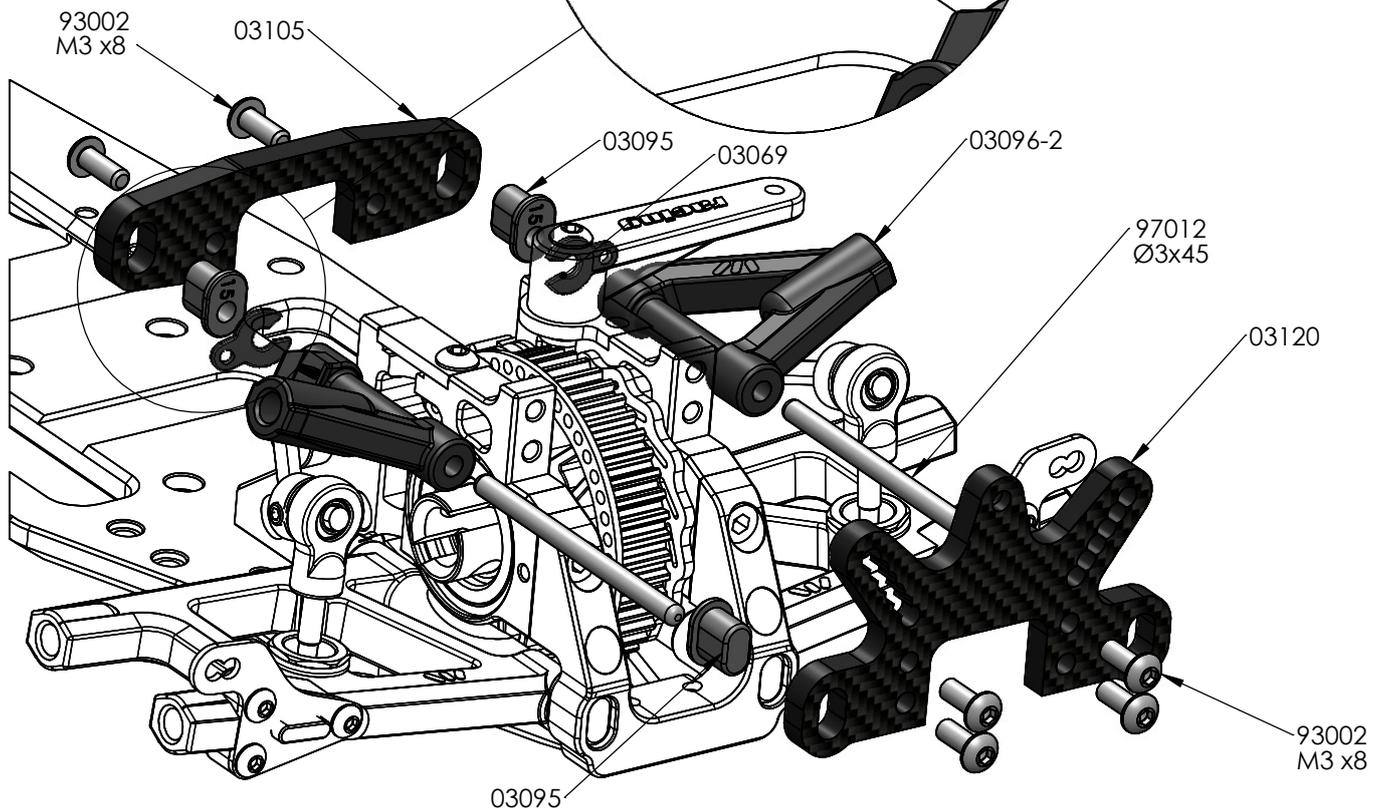
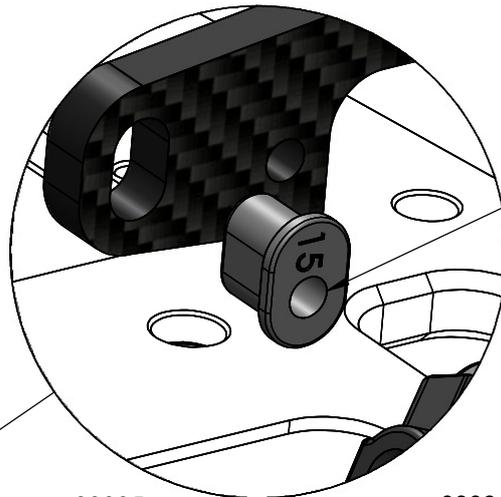
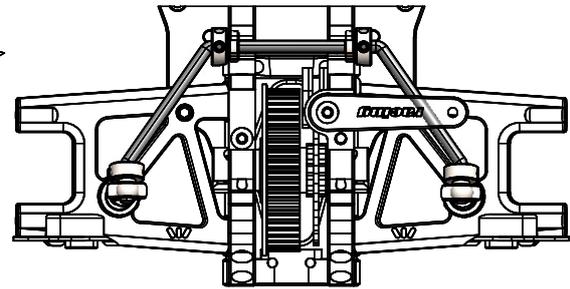
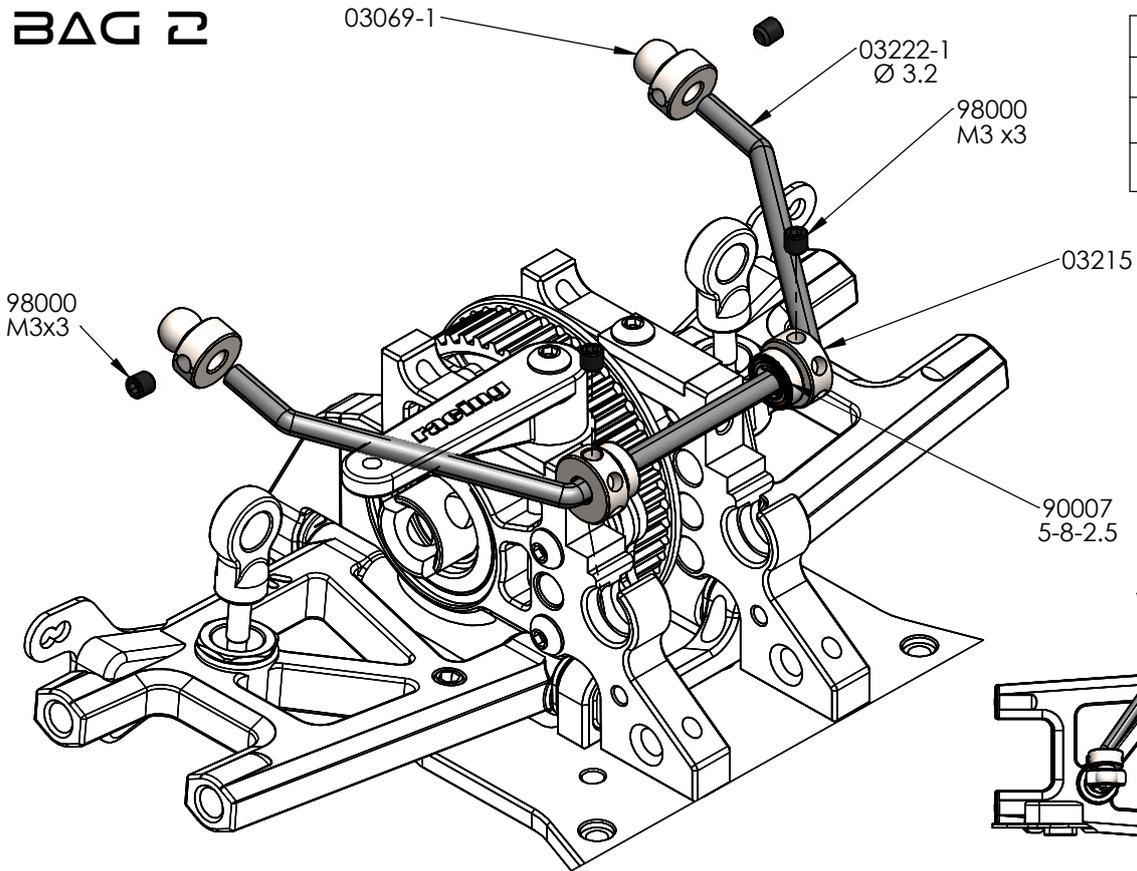
THE FOLLOWING ITEMS ARE NEEDED FOR COMPLETION OF THE GTX; THEY ARE NOT INCLUDED IN THIS KIT (UNLESS NOTED) AND SHOULD BE OBTAINED FROM YOUR LOCAL HOBBY SHOP.  
BE SURE TO READ THE INSTRUCTION COMPLETELY PRIOR TO ASSEMBLY

## BAG 1

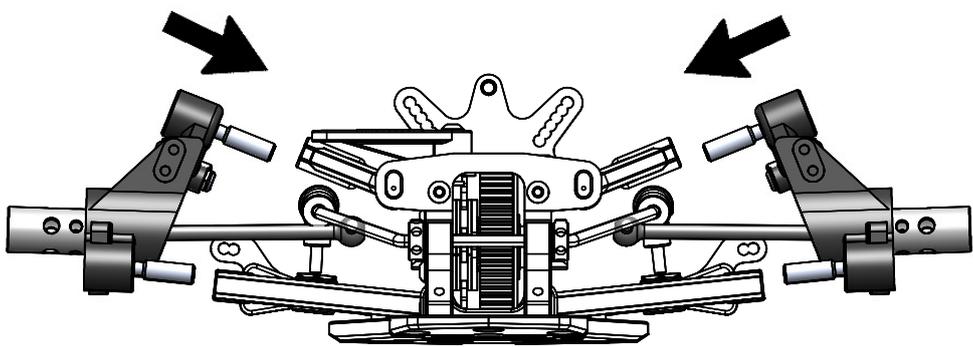




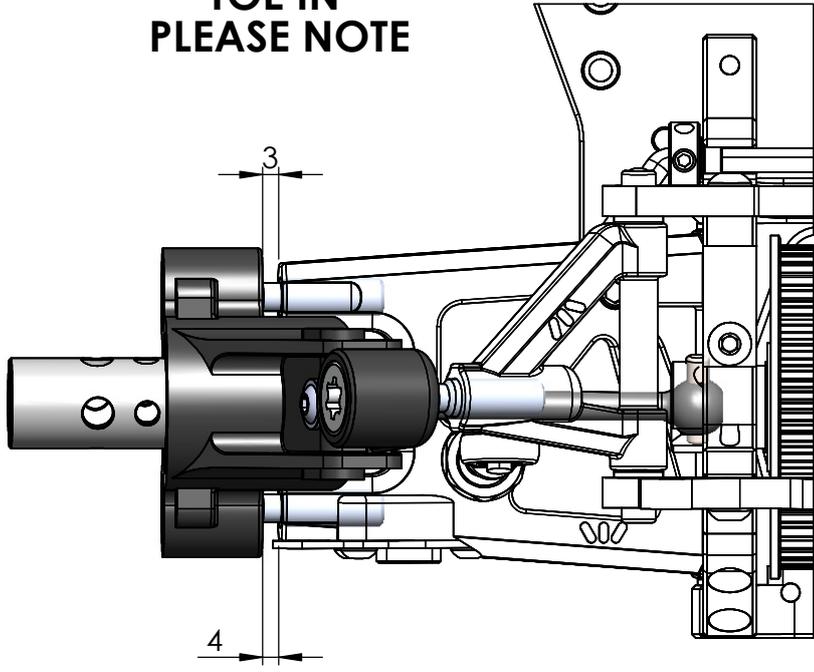
ANTI ROLL BAR		
COD		
03222	Ø 3	OPTIONAL
03222-1	Ø 3.2	STANDARD



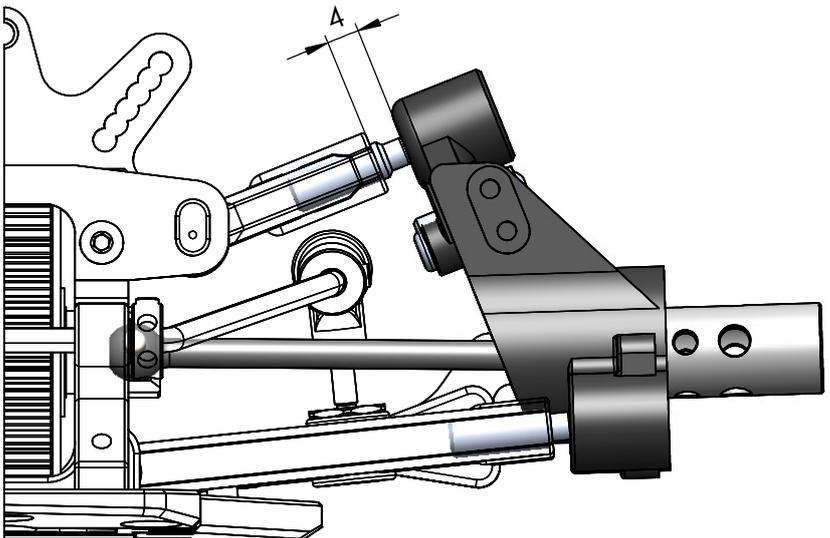
**BAG 2**

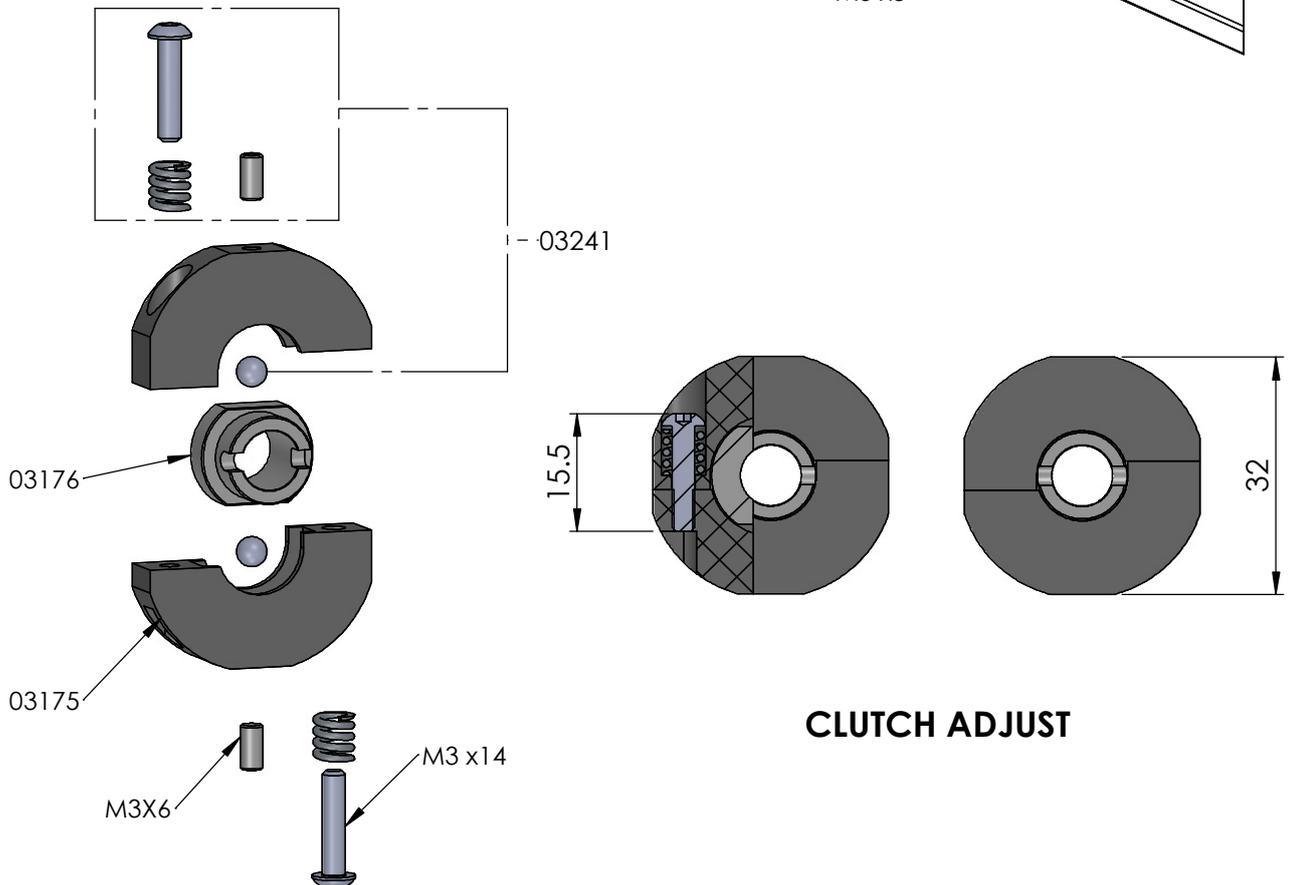
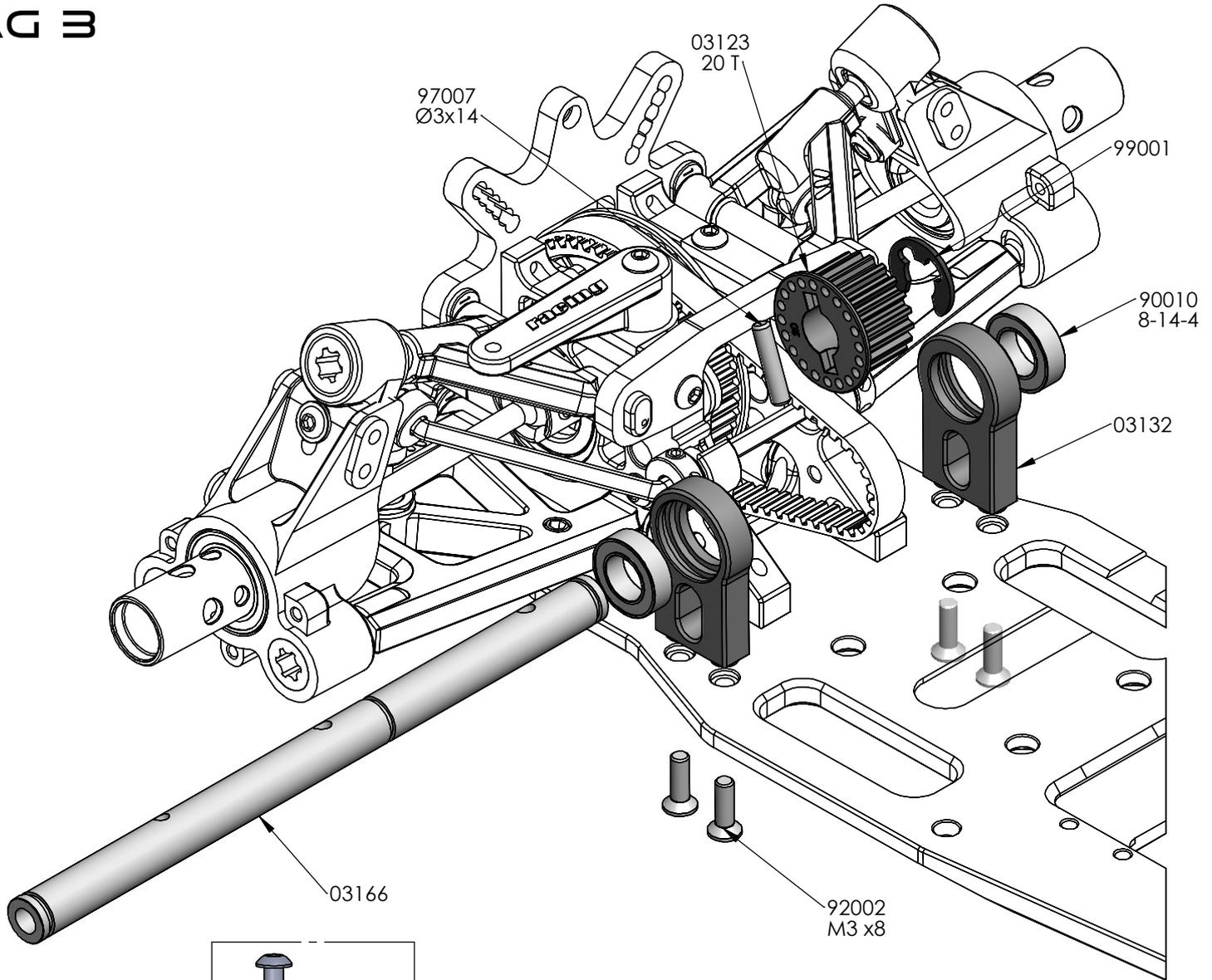


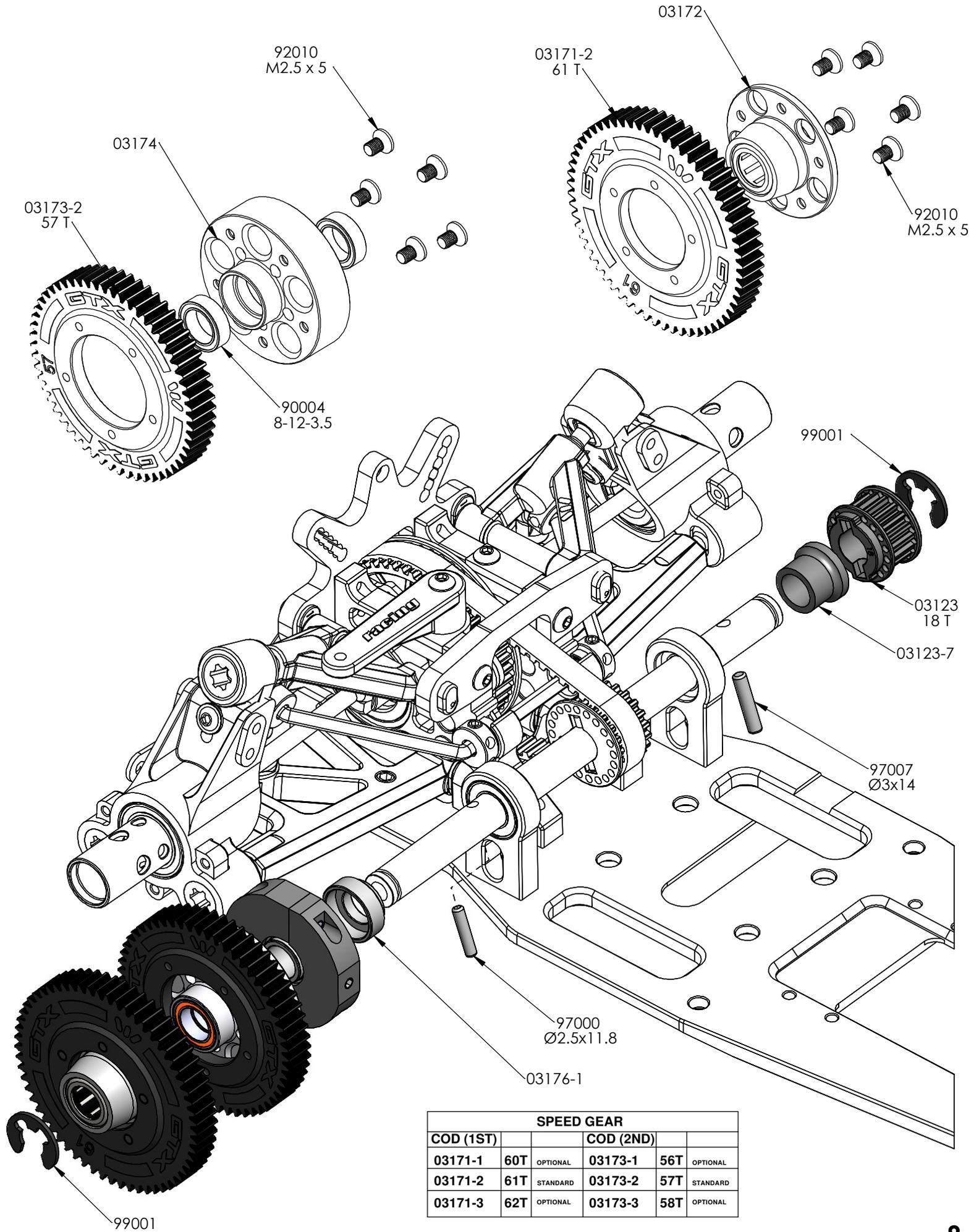
**TOE IN  
PLEASE NOTE**



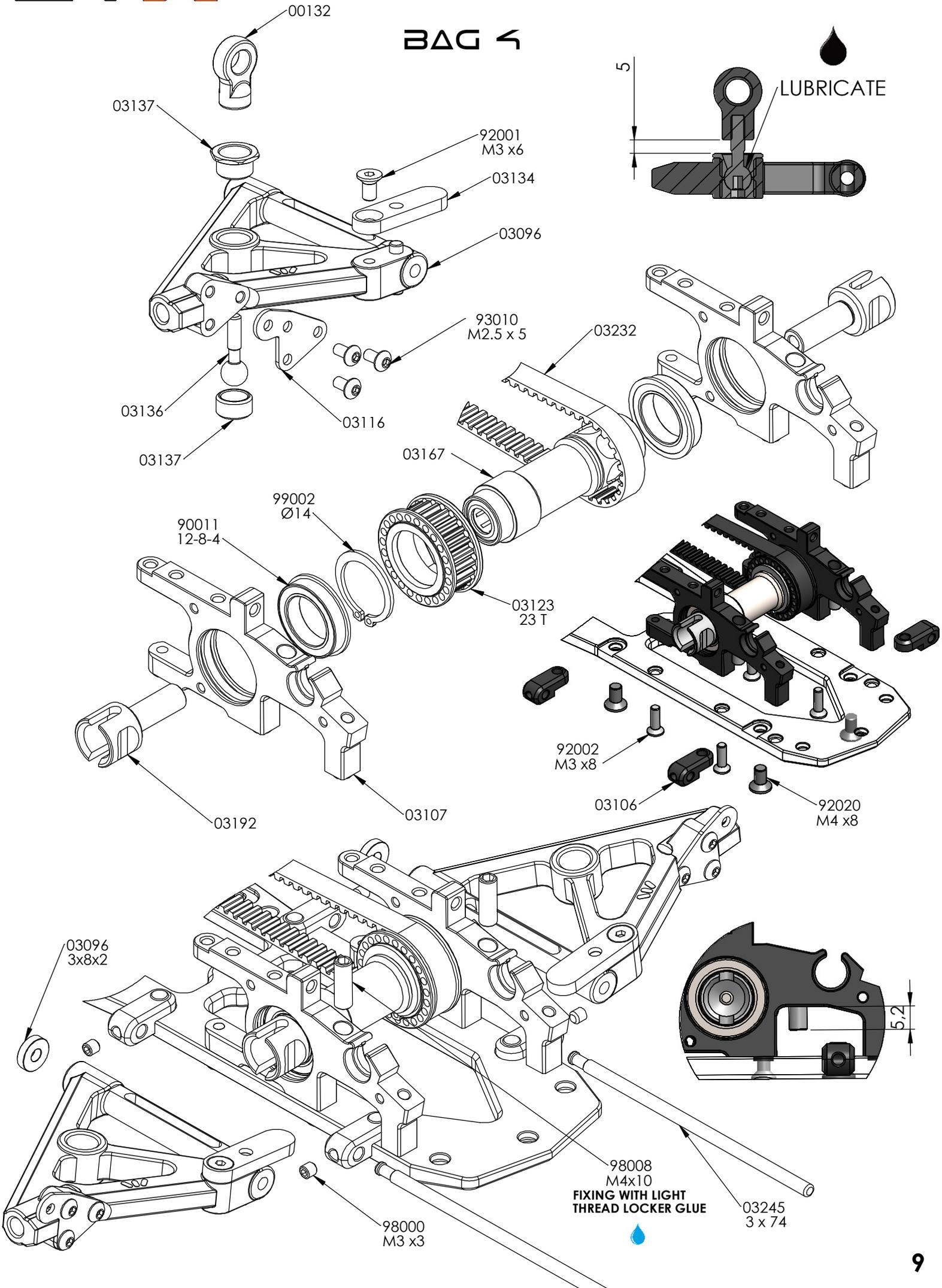
**SET  
REAR CAMBER**



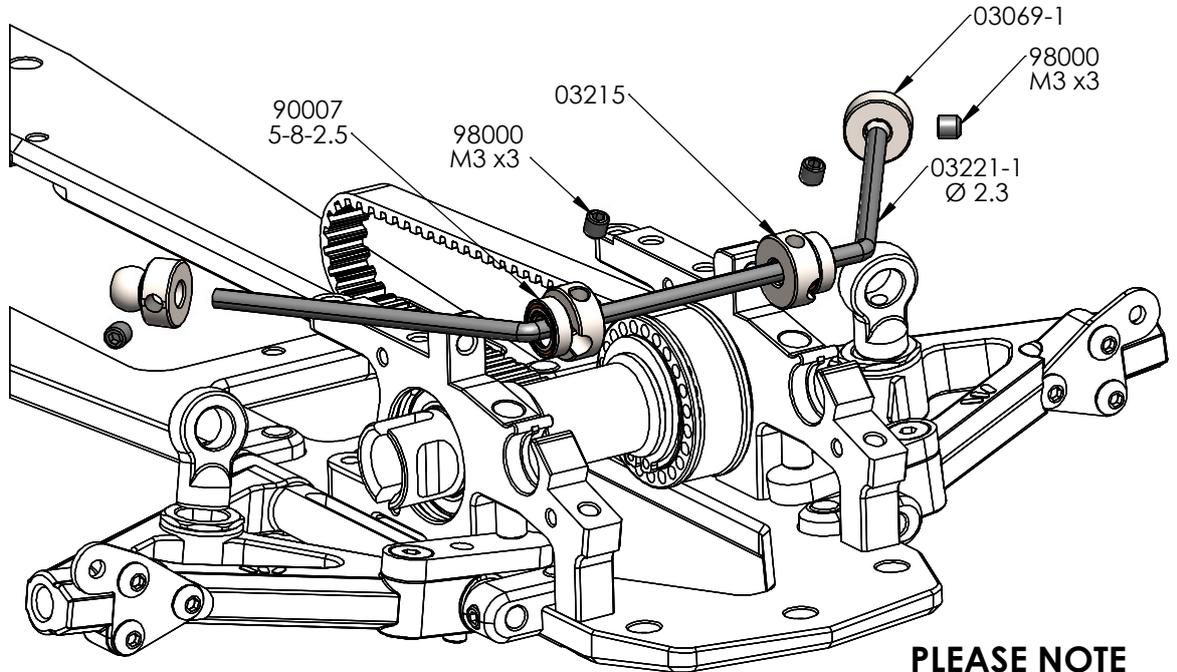




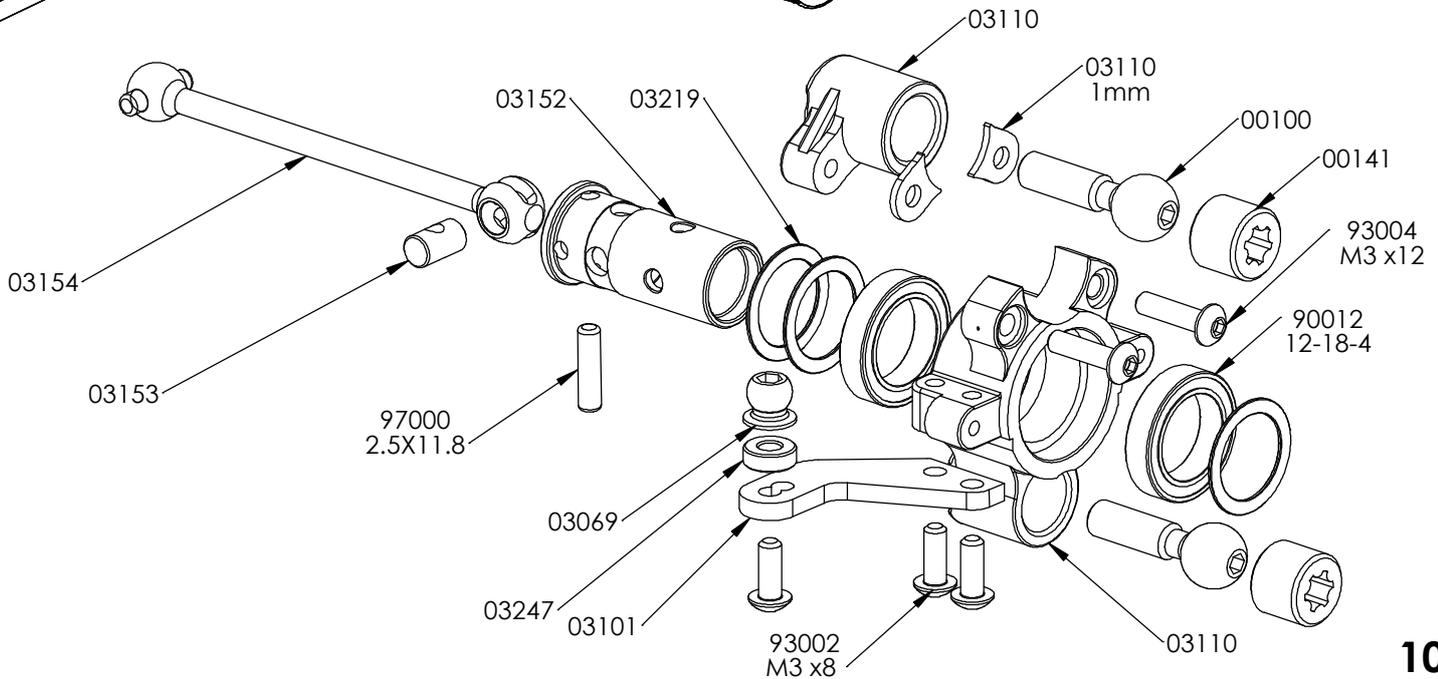
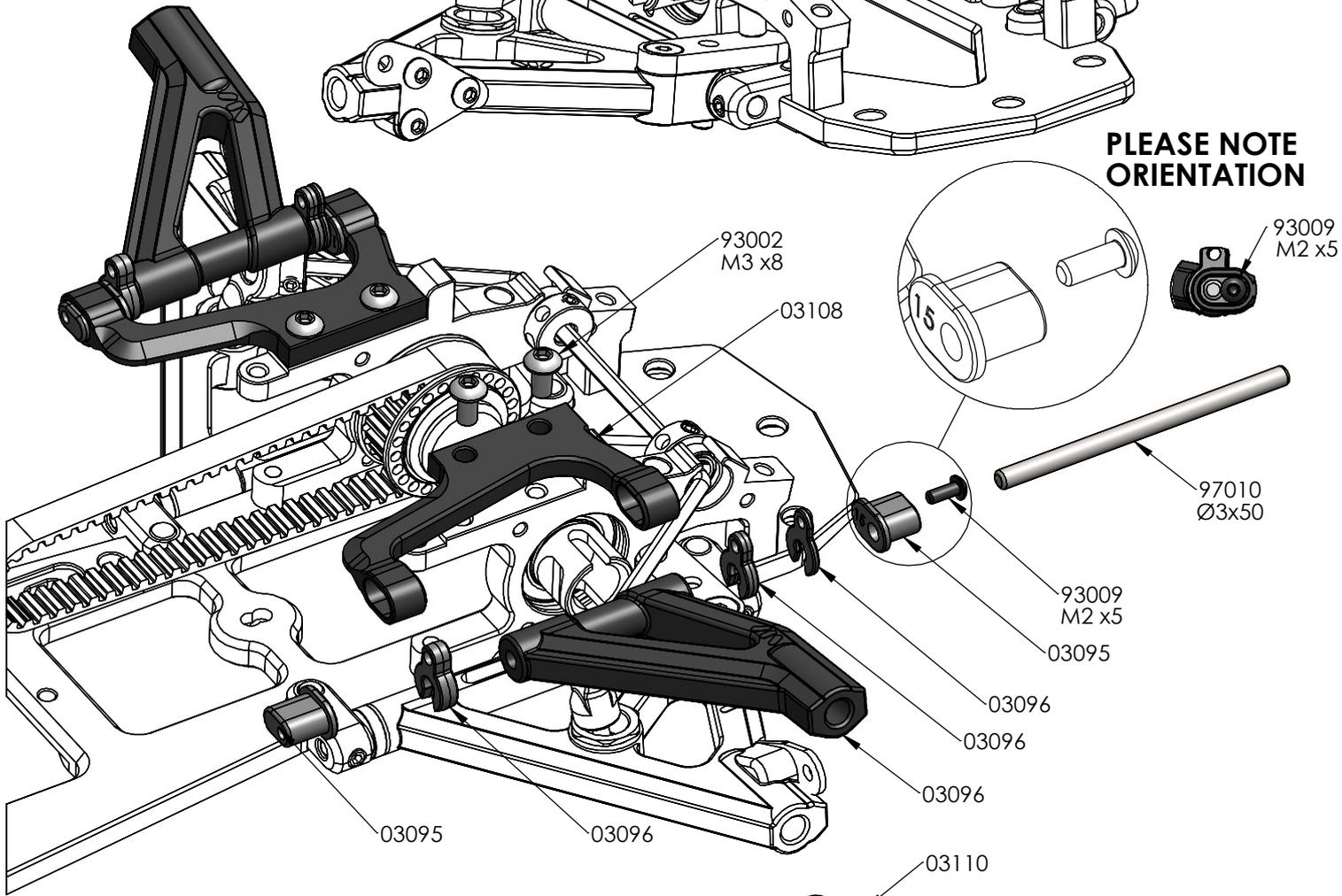
## BAG 4

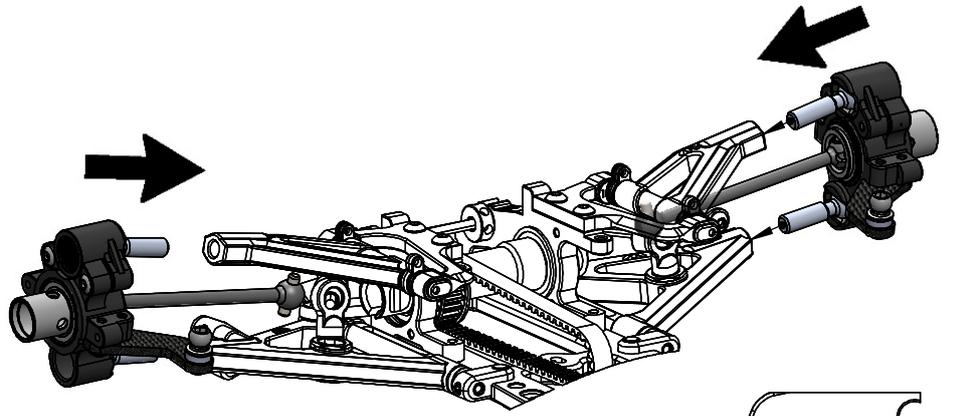


ANTI ROLL BAR		
COD		
03221	Ø2.2	OPTIONAL
03222-1	Ø 2.3	STANDARD
03222-2	Ø 2.4	OPTIONAL

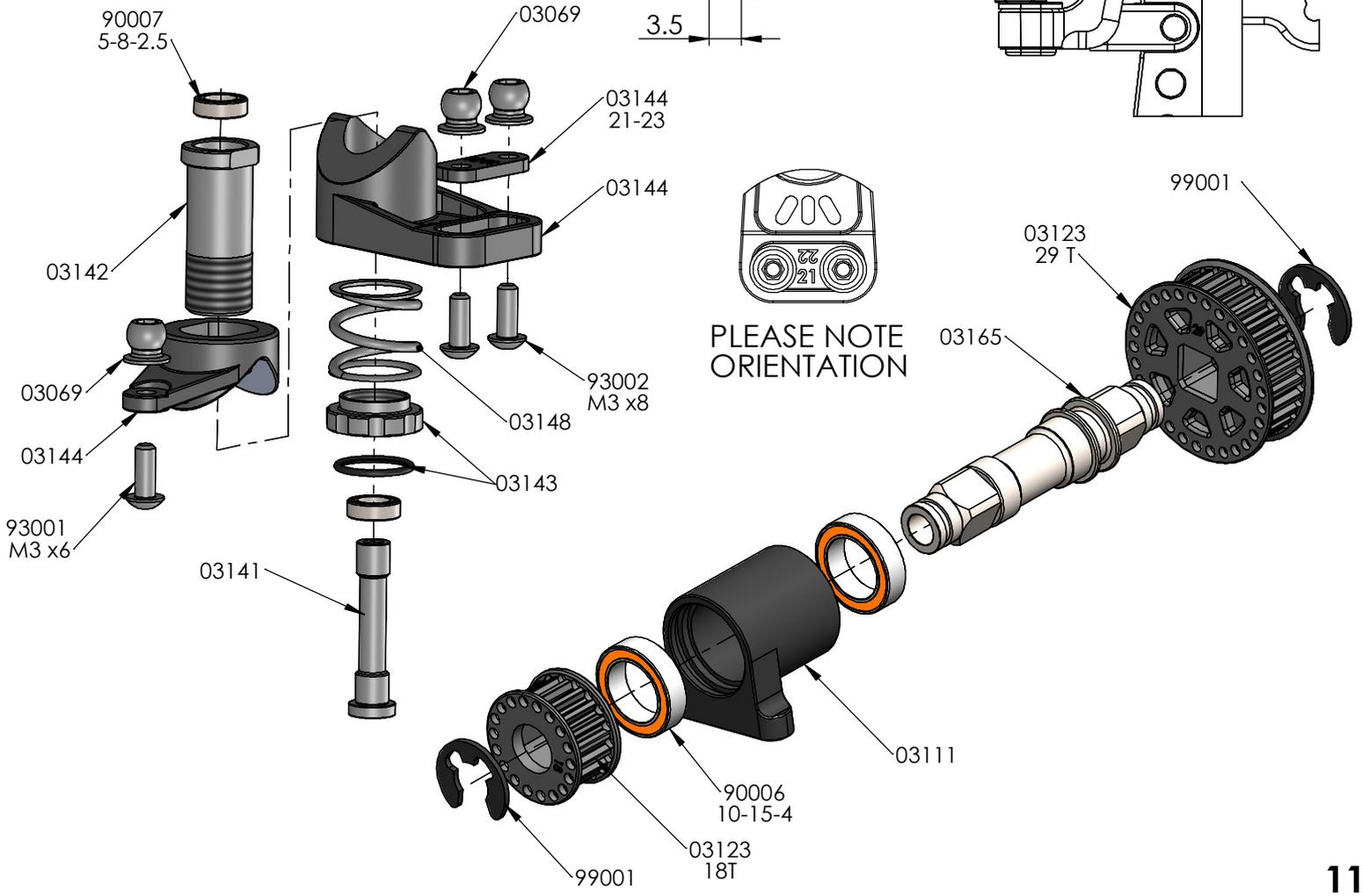
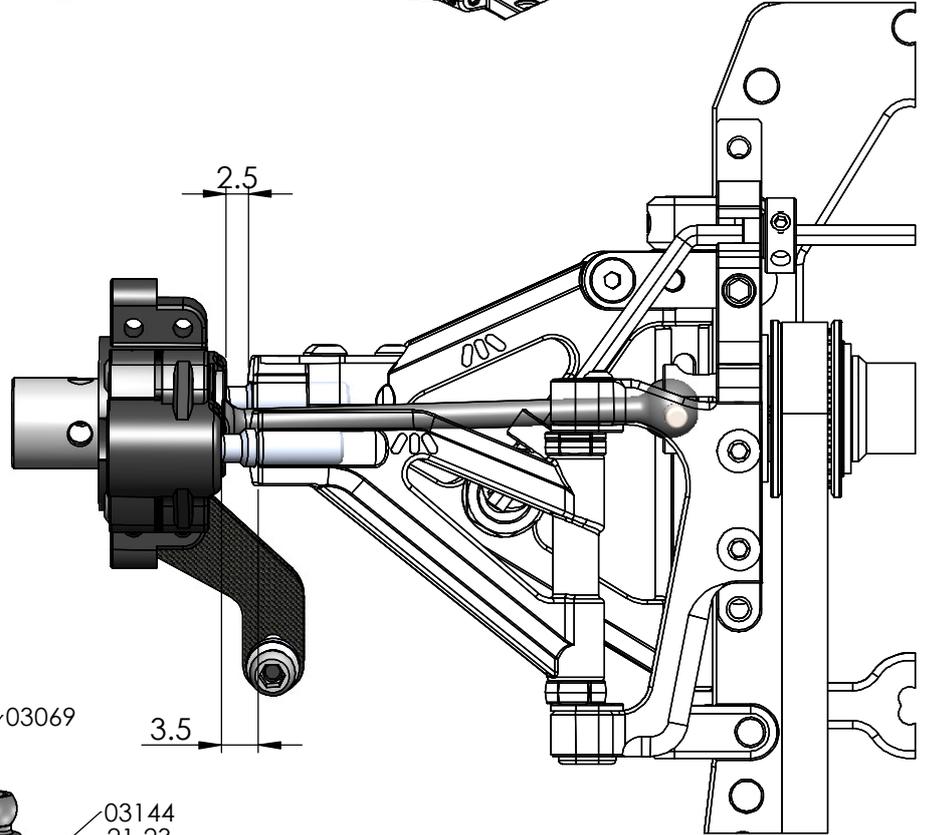


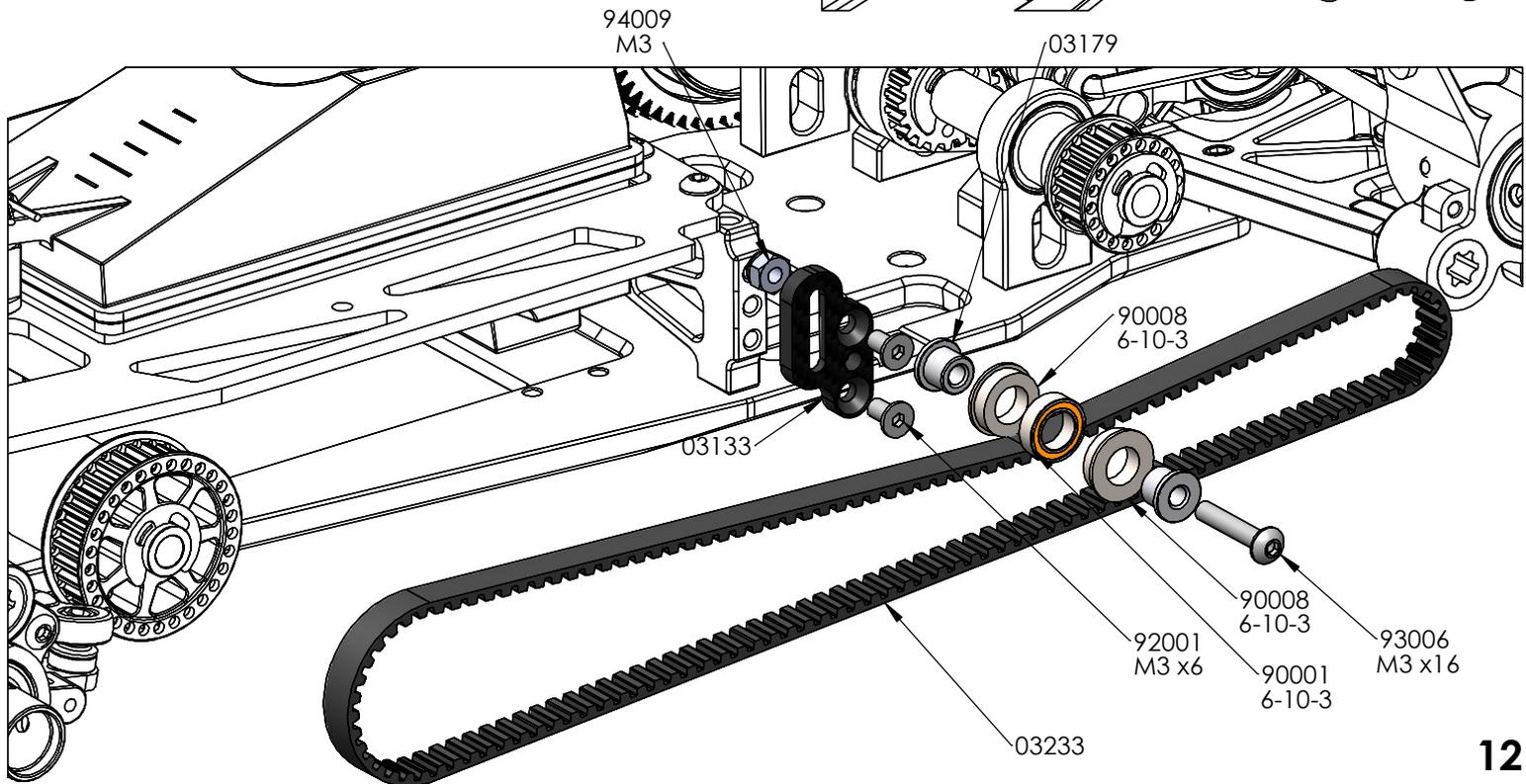
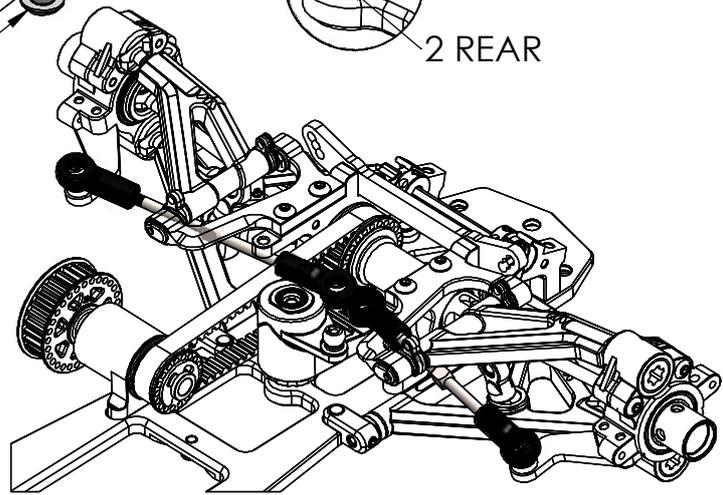
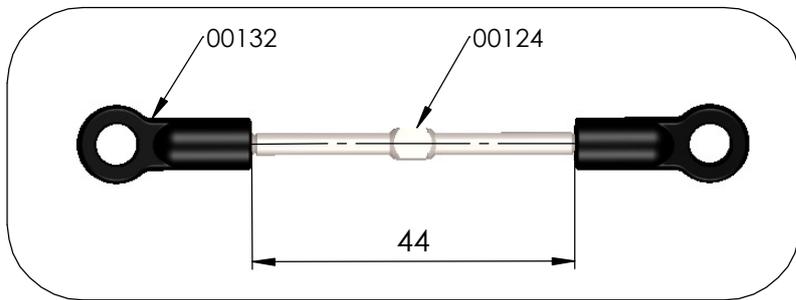
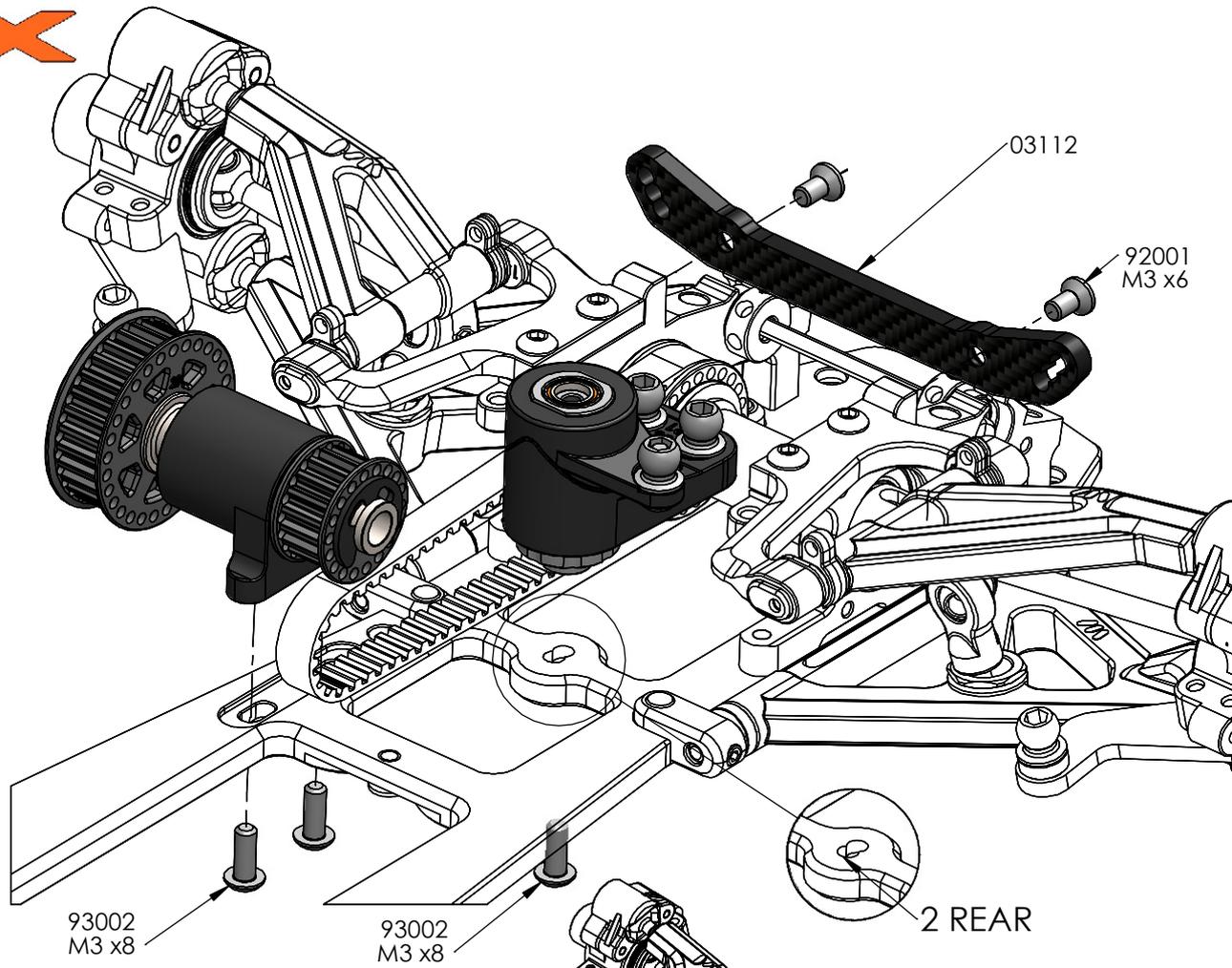
**PLEASE NOTE ORIENTATION**

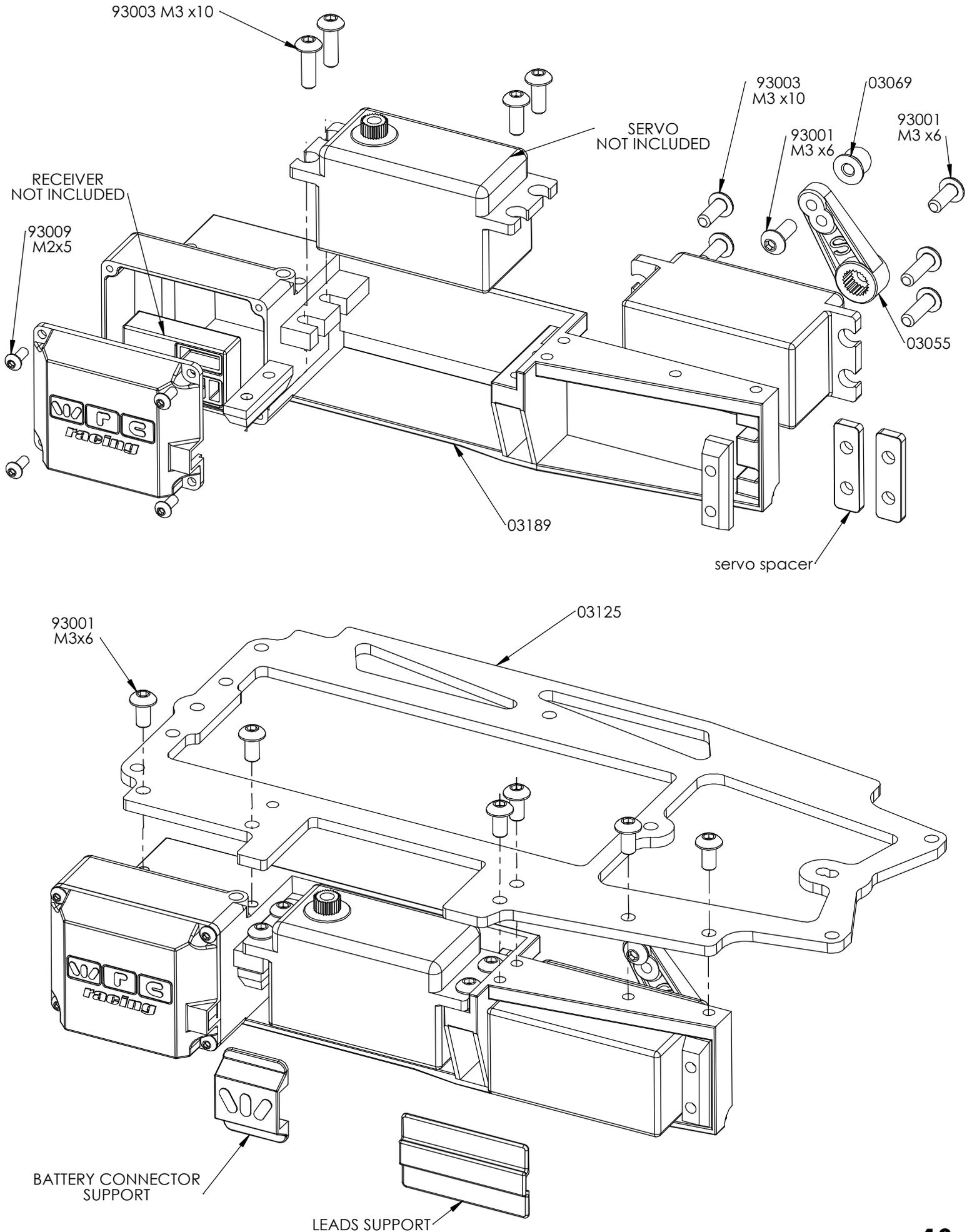


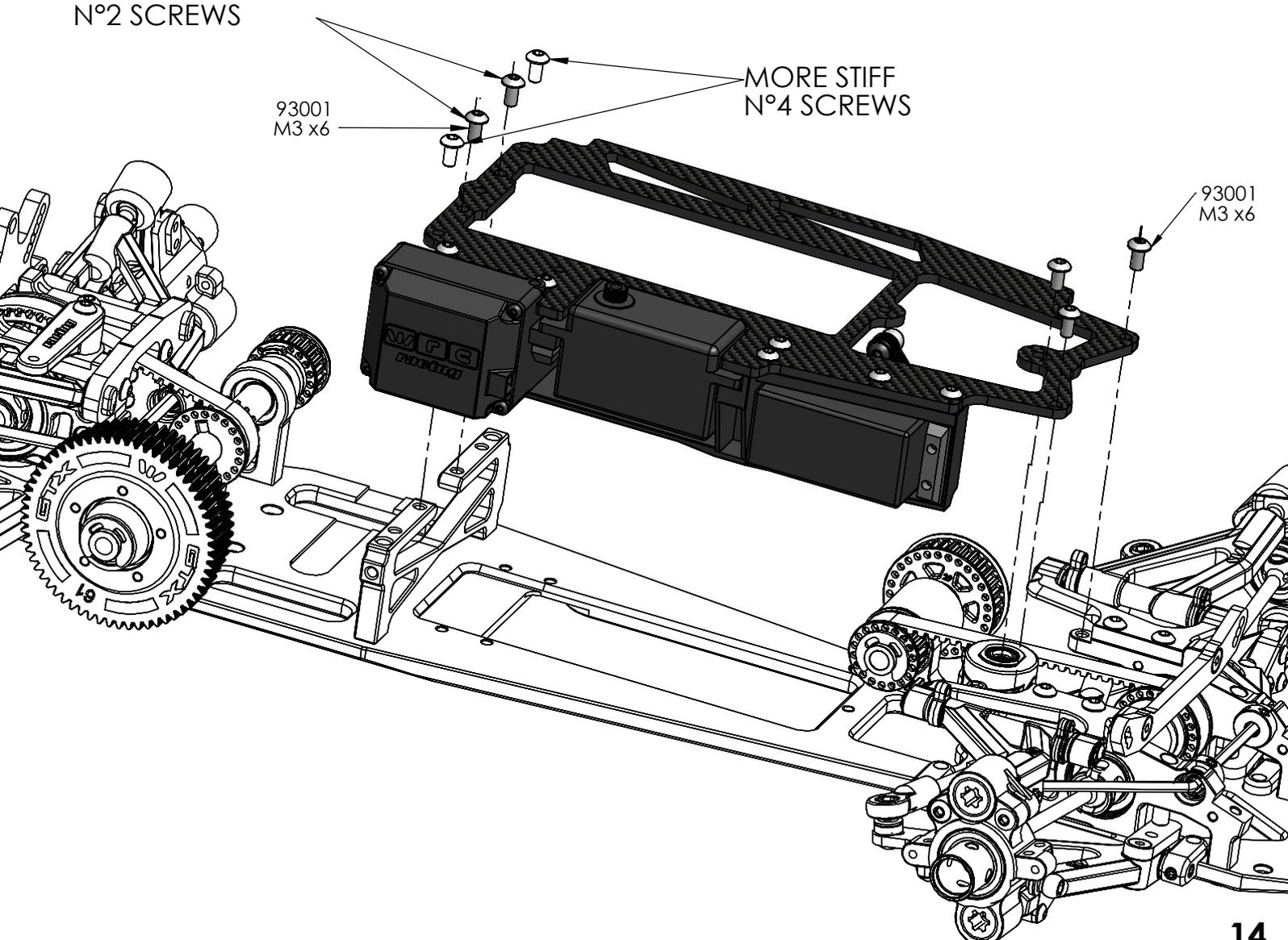
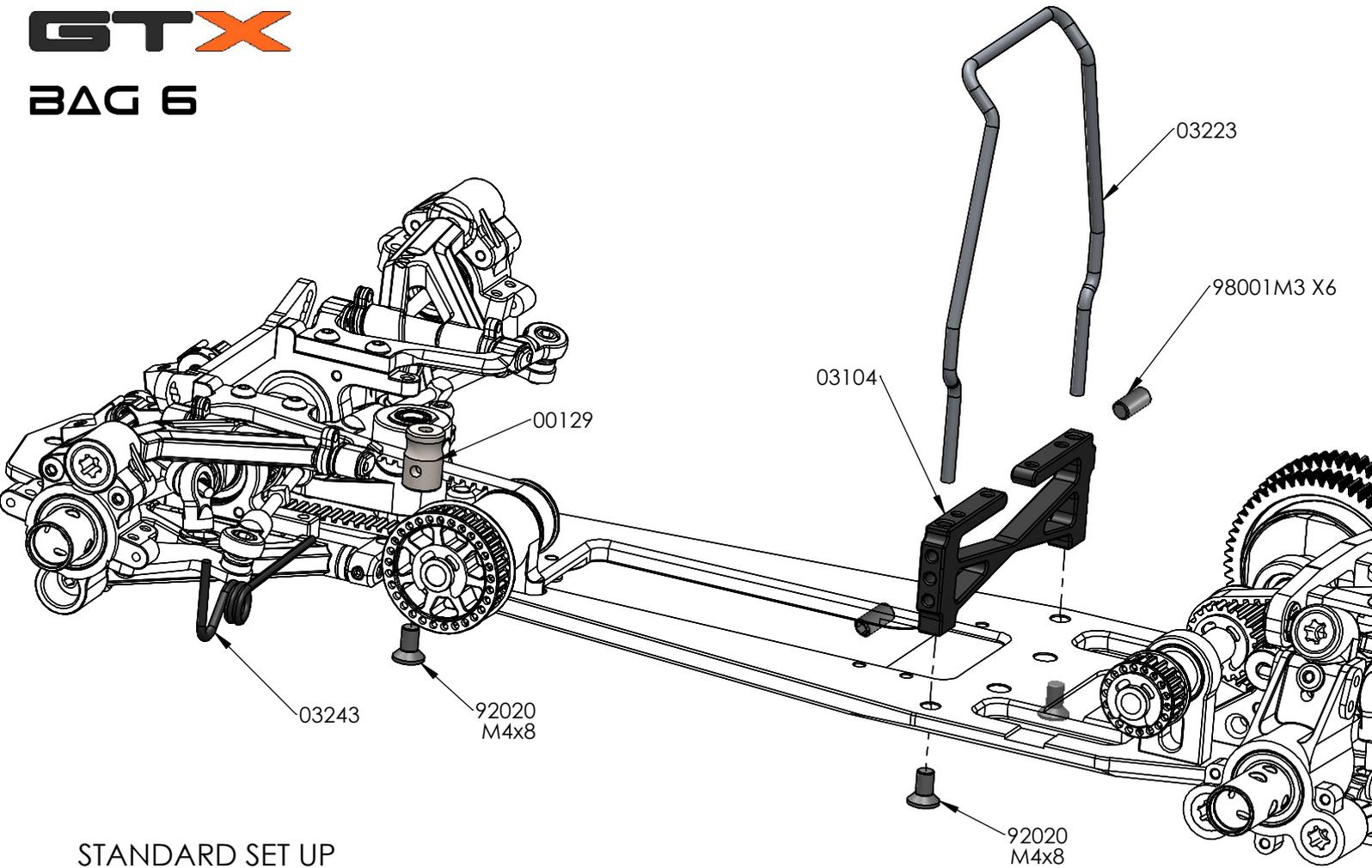


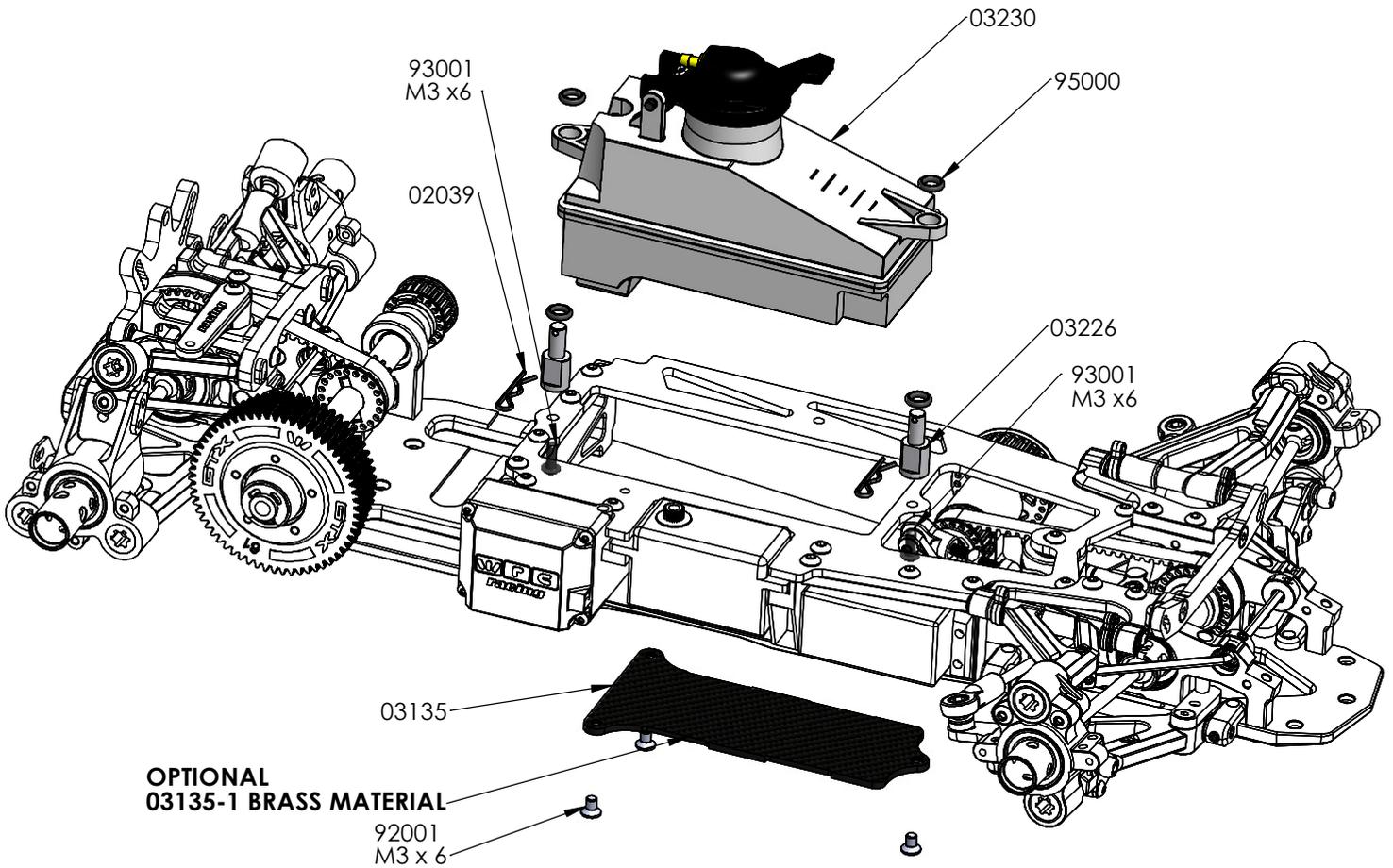
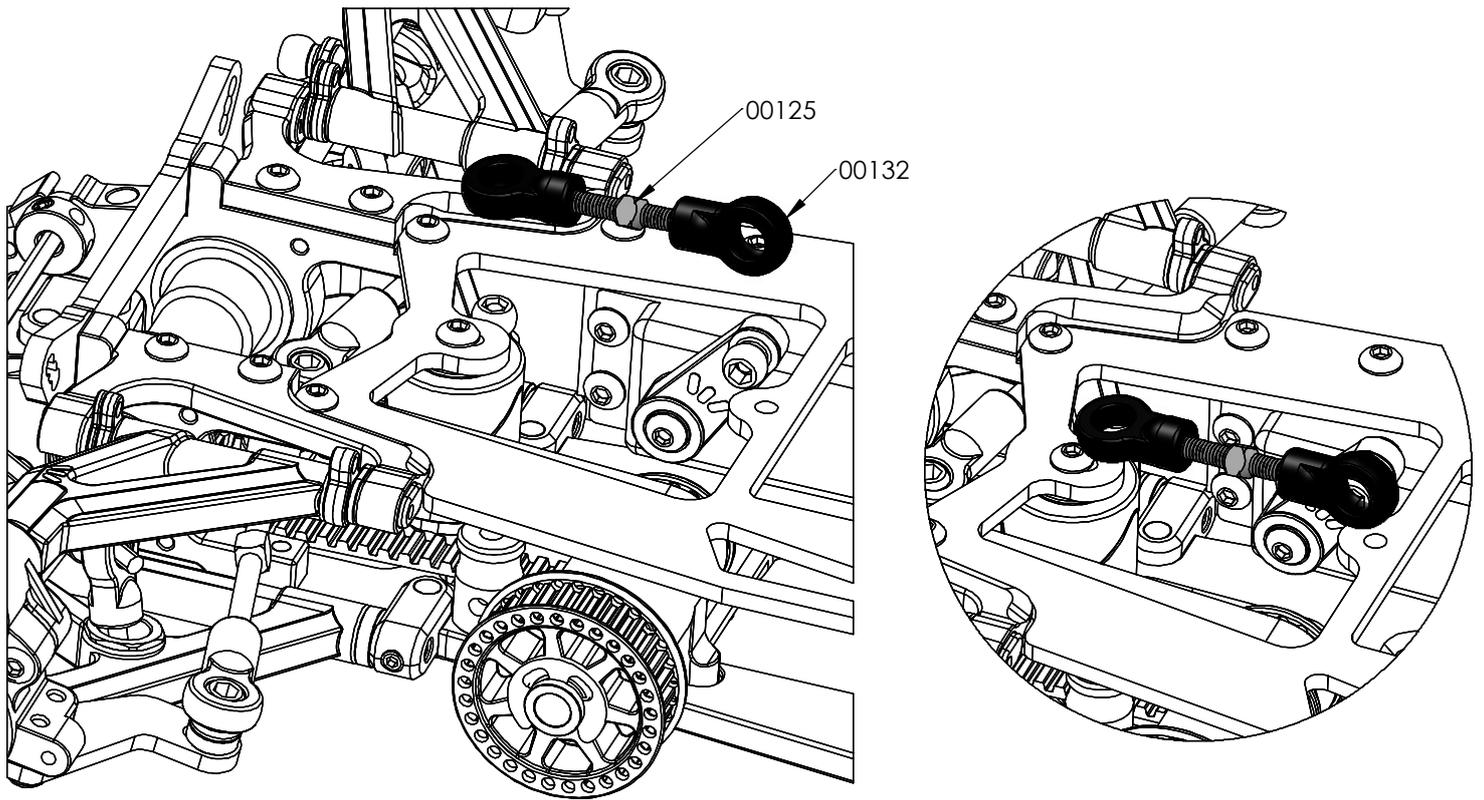
### FRONT CAMBER REGULATION



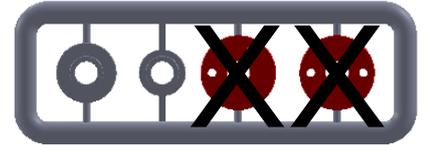




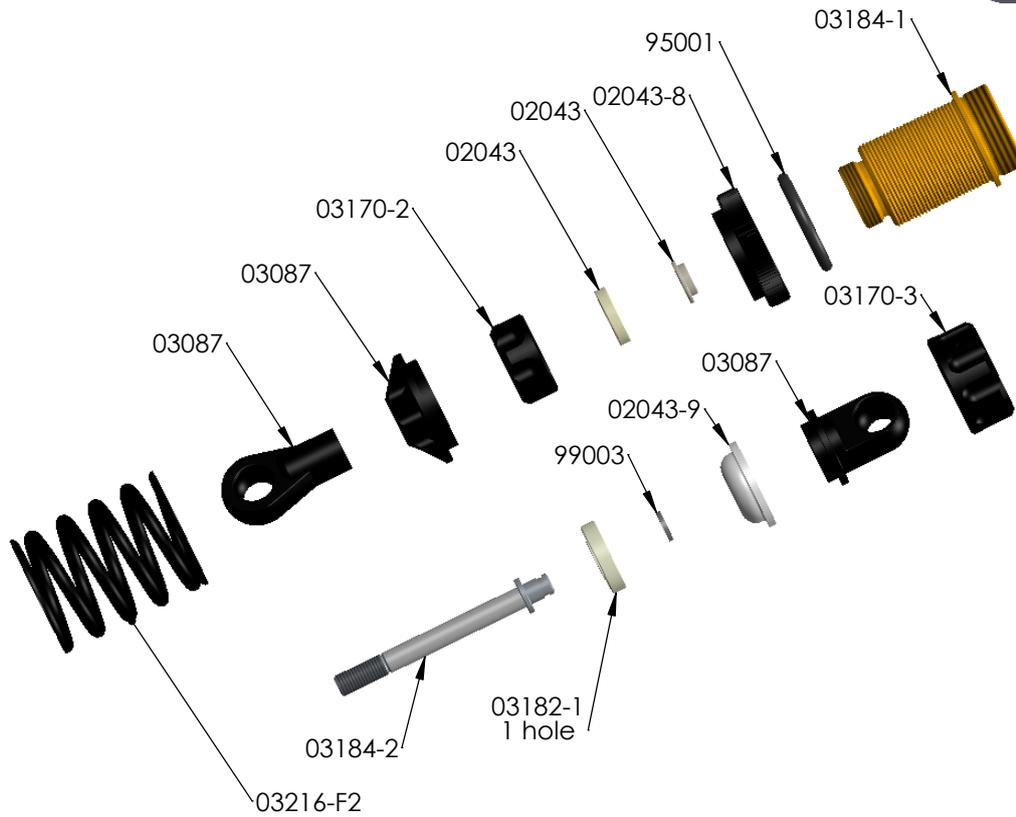




### FRONT

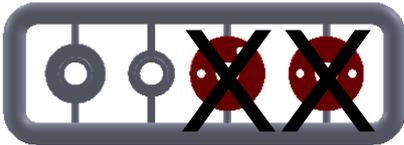


DO NOT USE

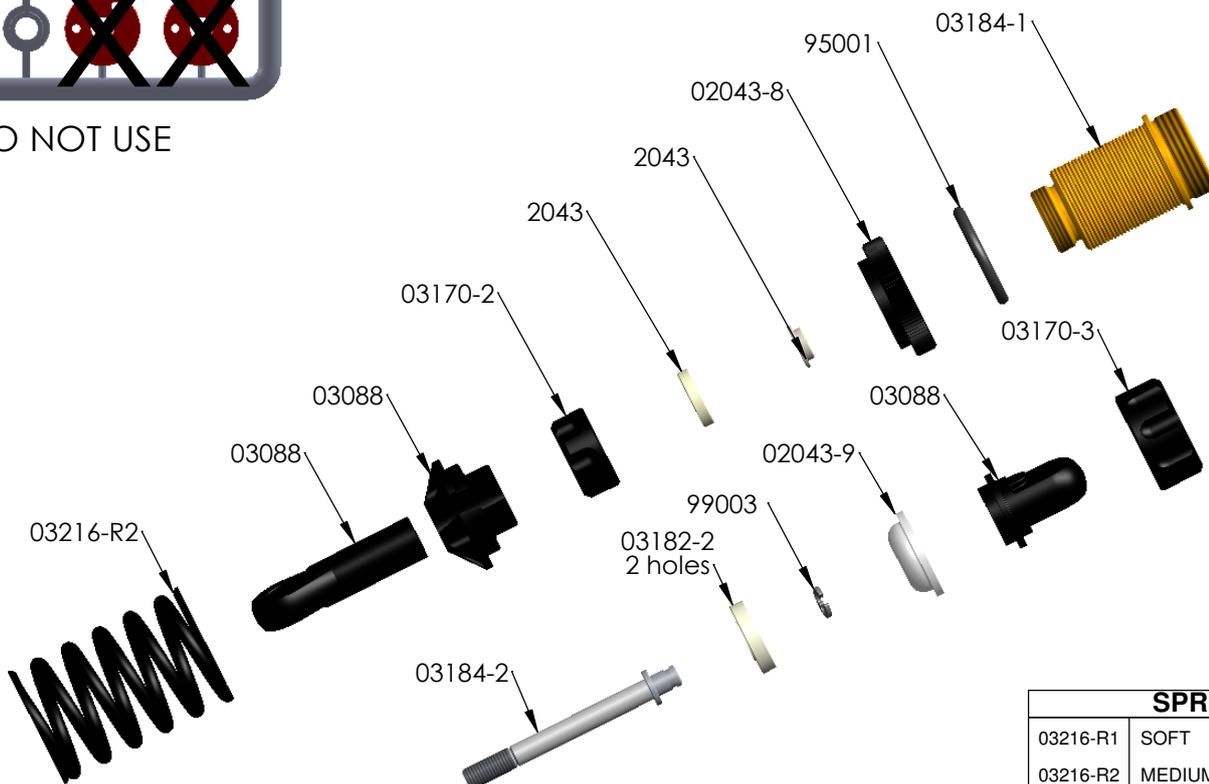


SPRINGS		
03216-F1	SOFT	YELLOW
03216-F2	MEDIUM (IN KIT)	WHITE
03216-F3	HARD	RED
03216-F4	PROGRESSIVE	BLUE

### REAR

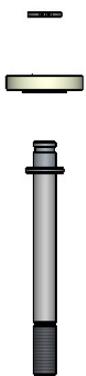


DO NOT USE



SPRINGS		
03216-R1	SOFT	YELLOW
03216-R2	MEDIUM (IN KIT)	WHITE
03216-R3	HARD	RED
03216-R4	PROGRESSIVE	BLUE

1



2



3



4



5



6



### SHOCK FILLING

Fully extend the piston rod so the piston is at the bottom of the shock body.

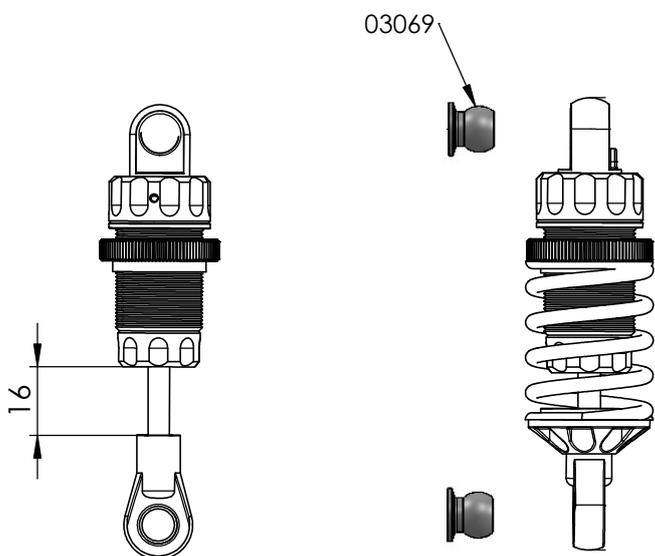
Hold the shock upright and fill the shock body with shock oil as in the picture.

Let the oil settle and allow air bubbles to rise to the top. Slowly move the piston up and down until no more air bubbles appear. Add shock oil as necessary.

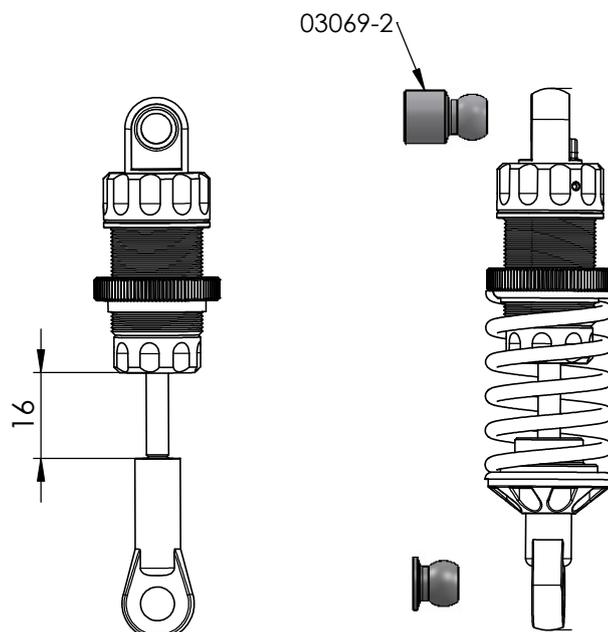
Pull the piston rod most of the way out of the shock bod. Let the shock rest for 5 minutes to allow the air bubbles to scape.

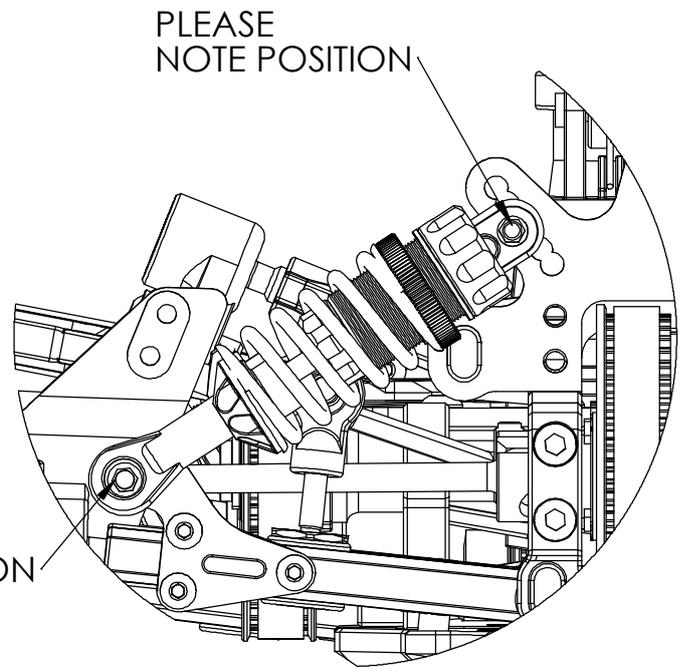
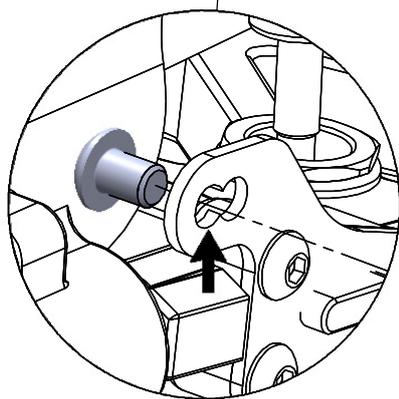
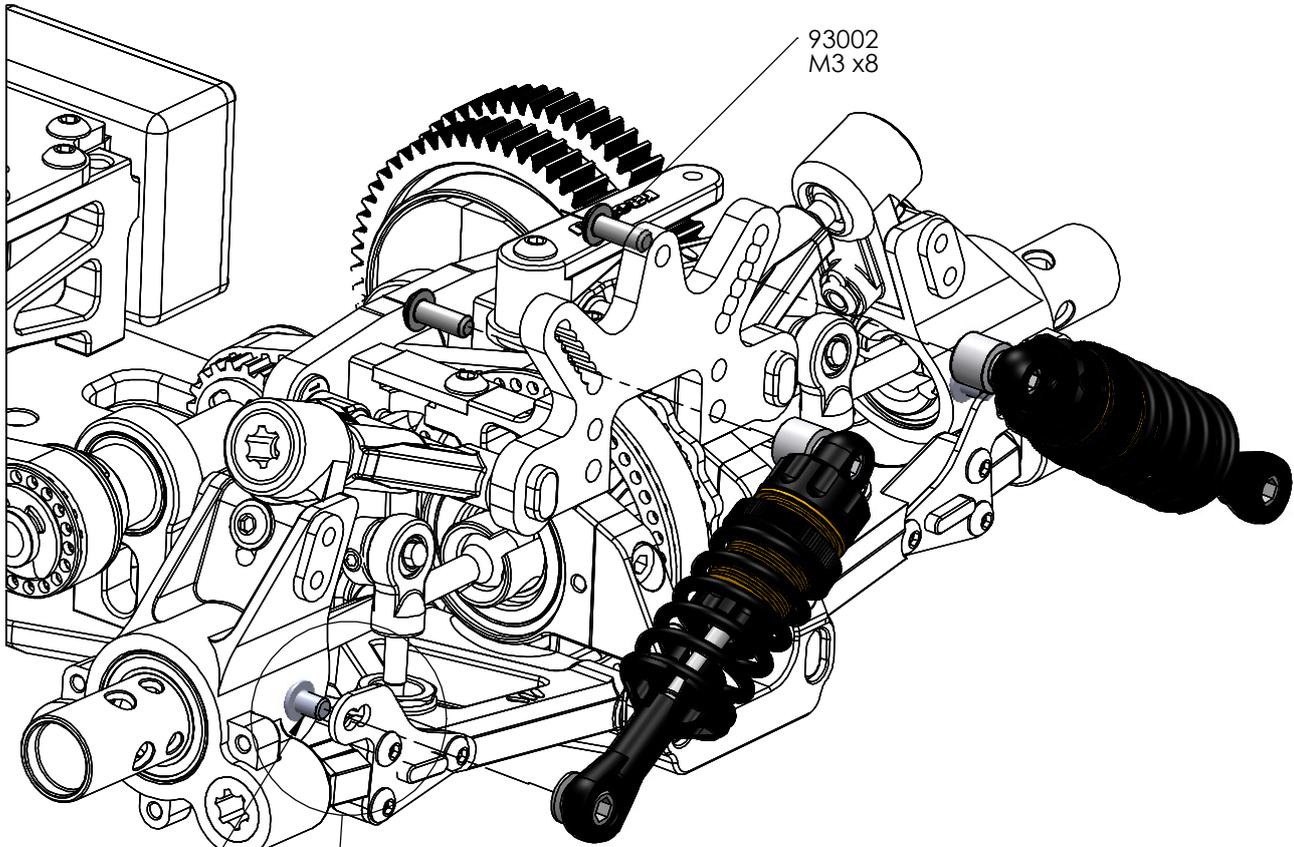
WRC SHOCKS OIL	
CODE	CST
RC0029	400
RC0062	500
RC0030	600 (IN KIT)
RC0063	700
RC0031	800

### FRONT

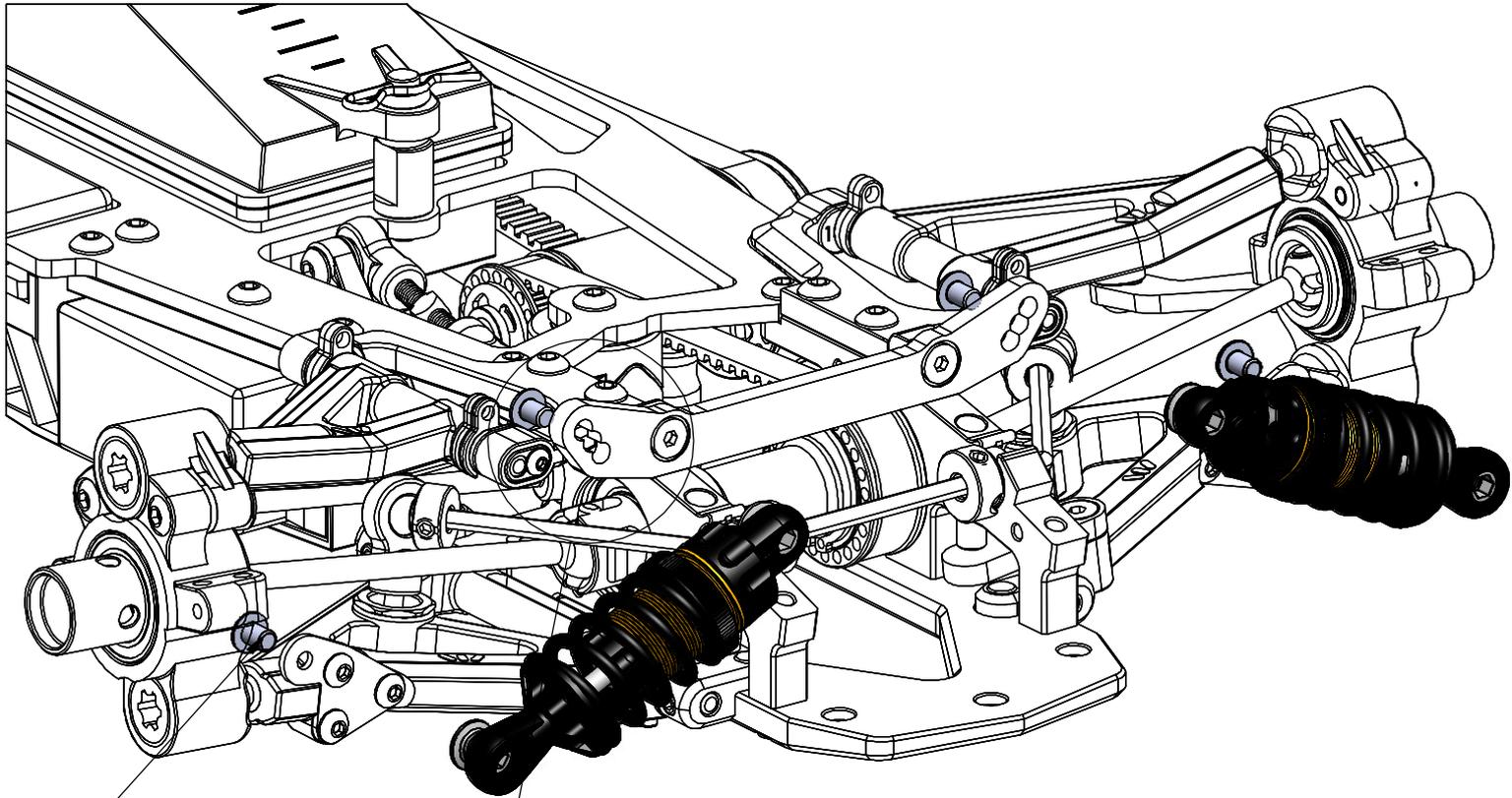


### REAR

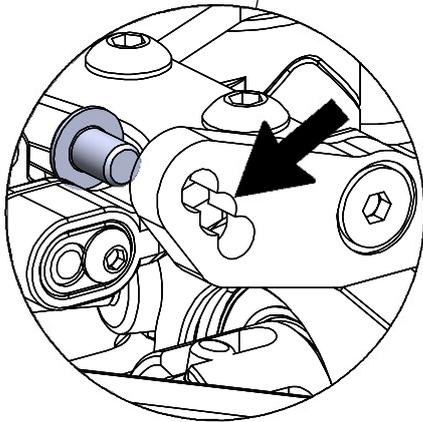




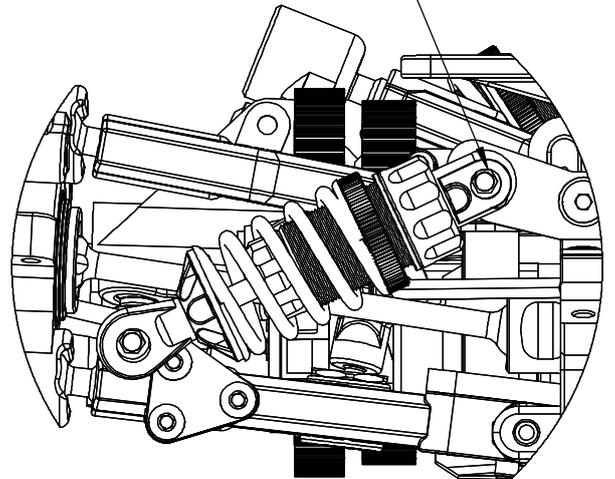
FRONT



93001  
M3 x6

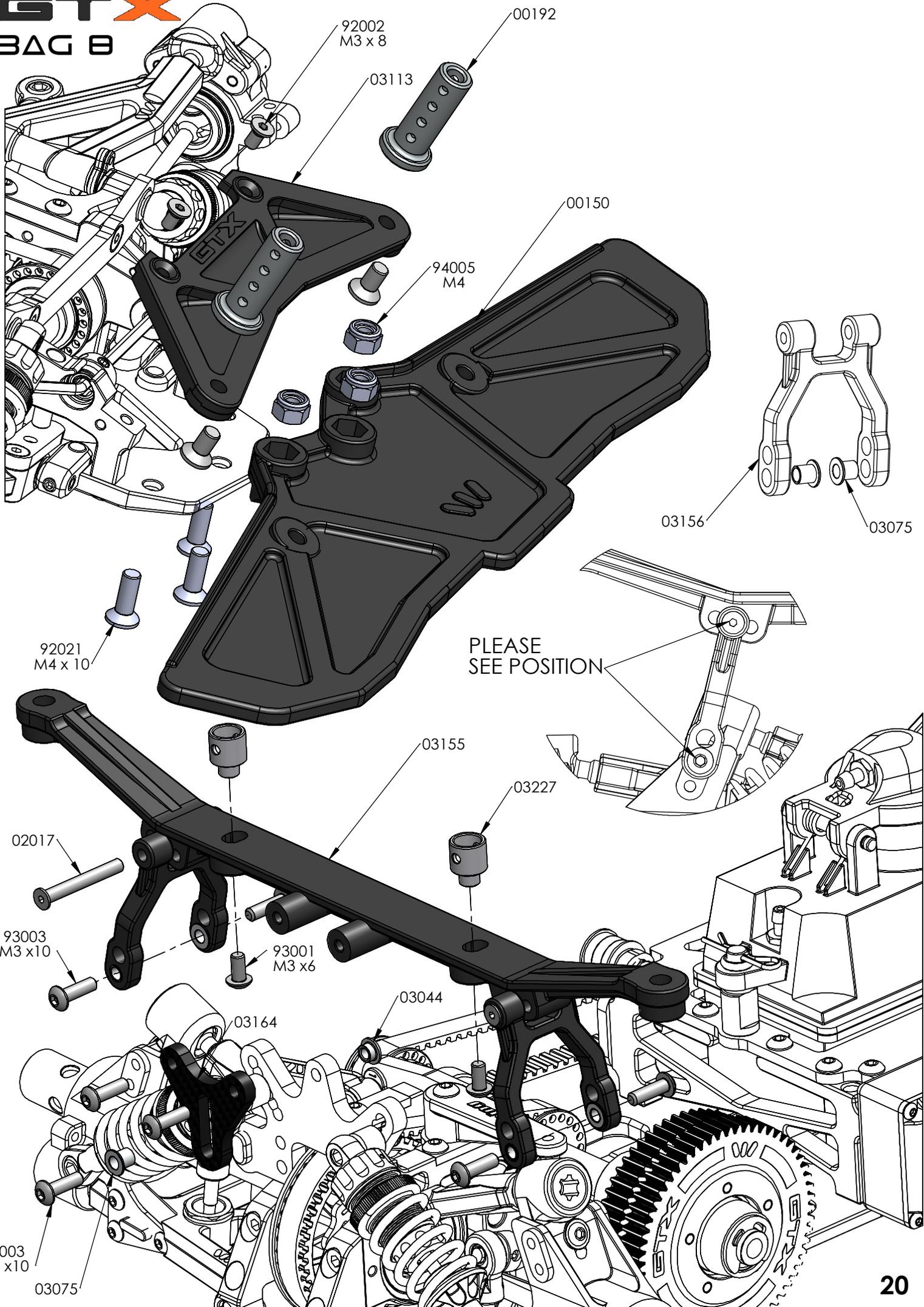


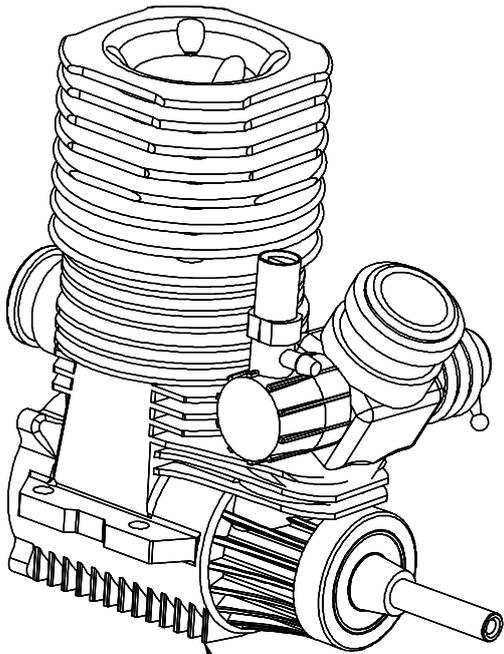
PLEASE SET IN THE  
MIDLE POIN POSITION



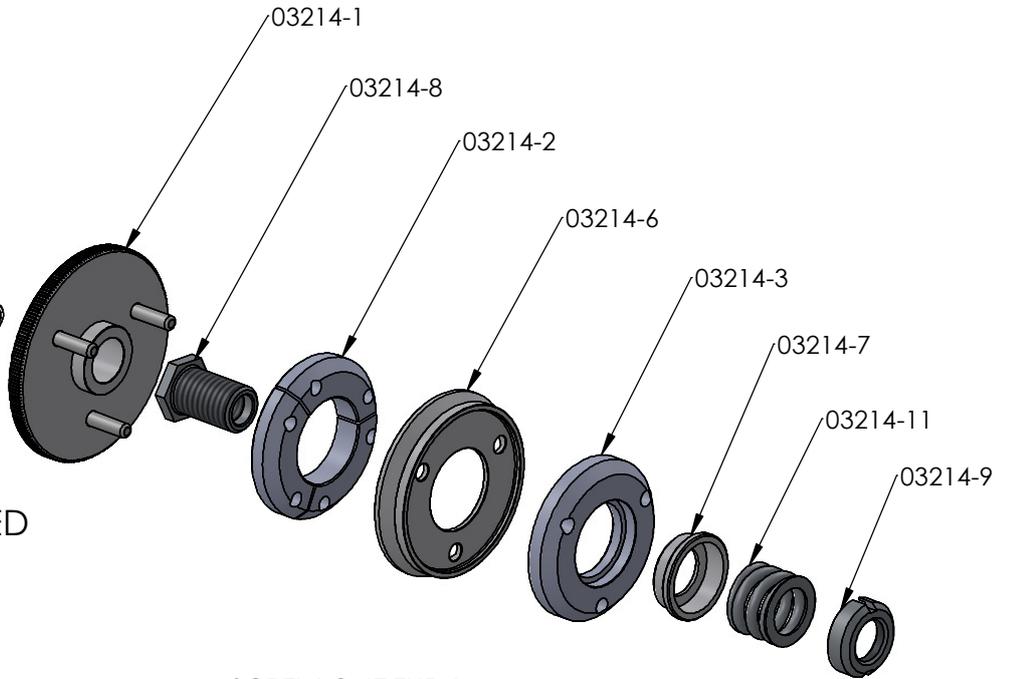
# GT X

## BAG B



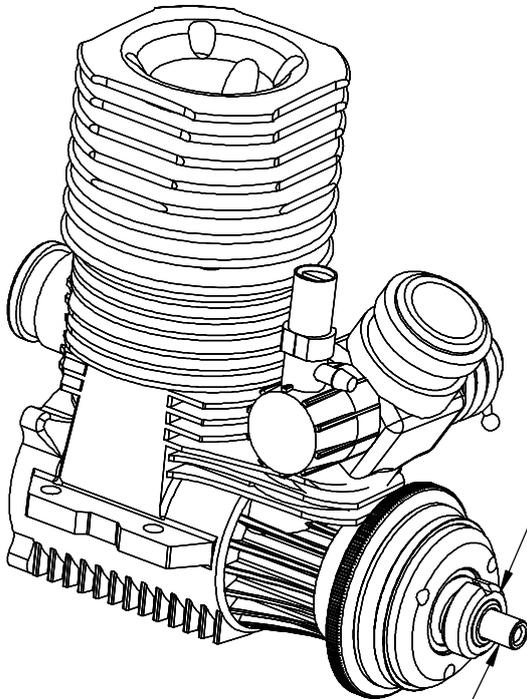


ENGINE NOT INCLUDED

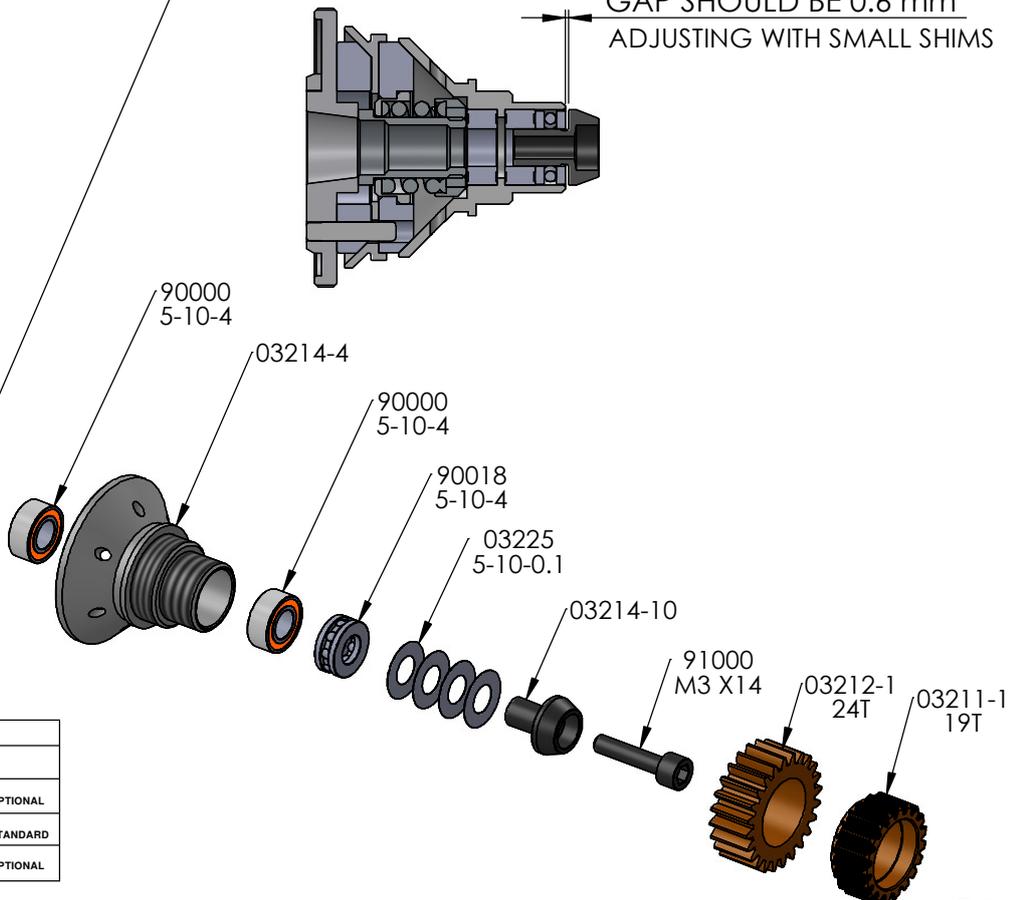


SCREW ONE TURN WHEN THE NUT TOUCH SPRING (PRELOAD 0.5mm)

GAP SHOULD BE 0.6 mm ADJUSTING WITH SMALL SHIMS

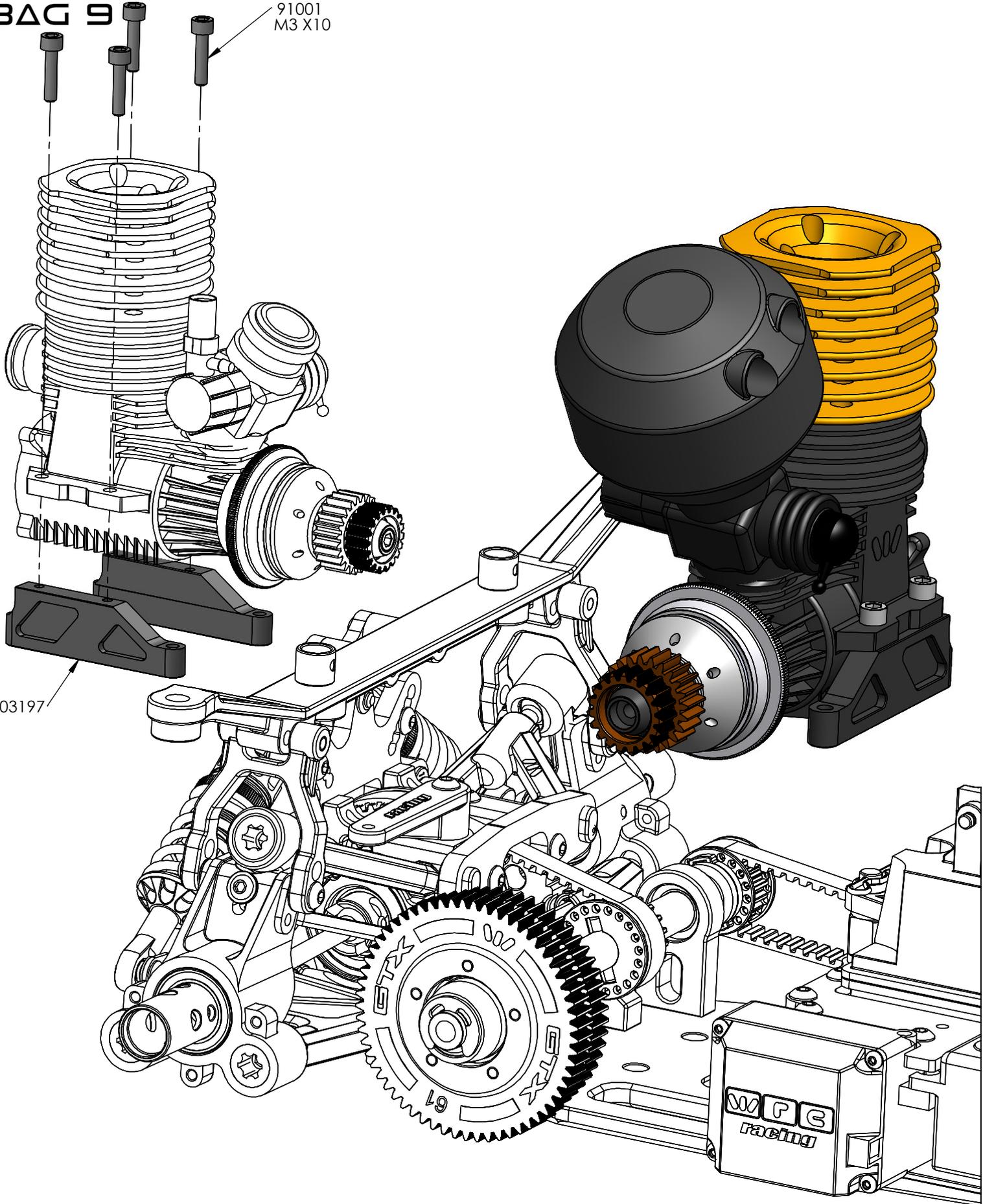


PUT SMALL SHIMS TO REDUCE THE GAP 0.6 TO 0.1/0.2mm

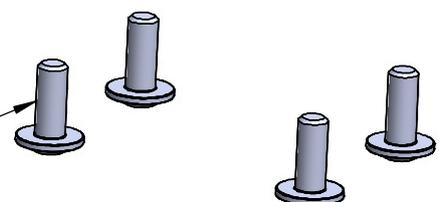


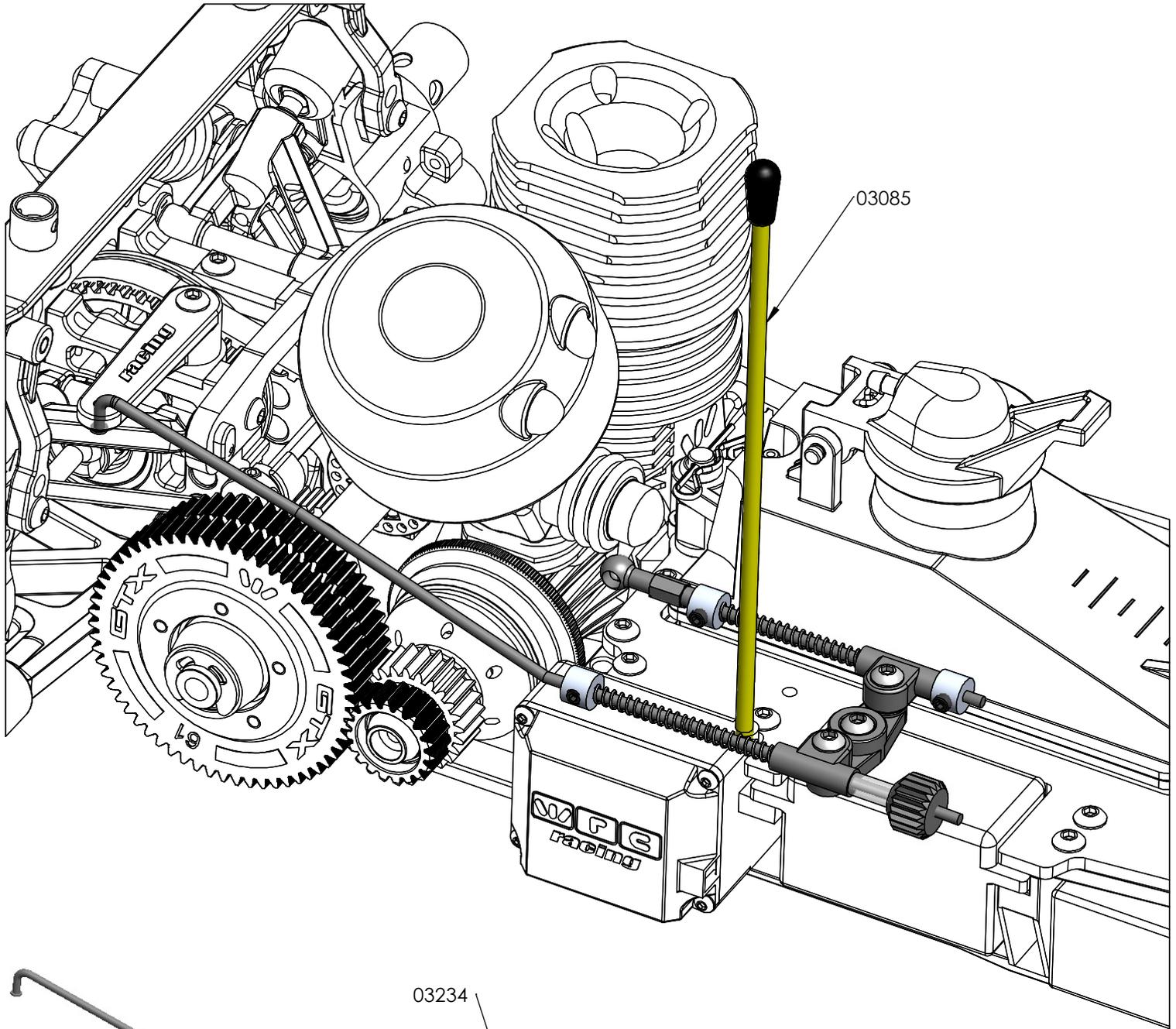
SPEED GEAR					
COD (1ST)			COD (2ND)		
03211	18T	OPTIONAL	03212	23T	OPTIONAL
03211-1	19T	STANDARD	03212-1	24T	STANDARD
03211-2	20T	OPTIONAL	03212-2	25T	OPTIONAL

91001  
M3 X10

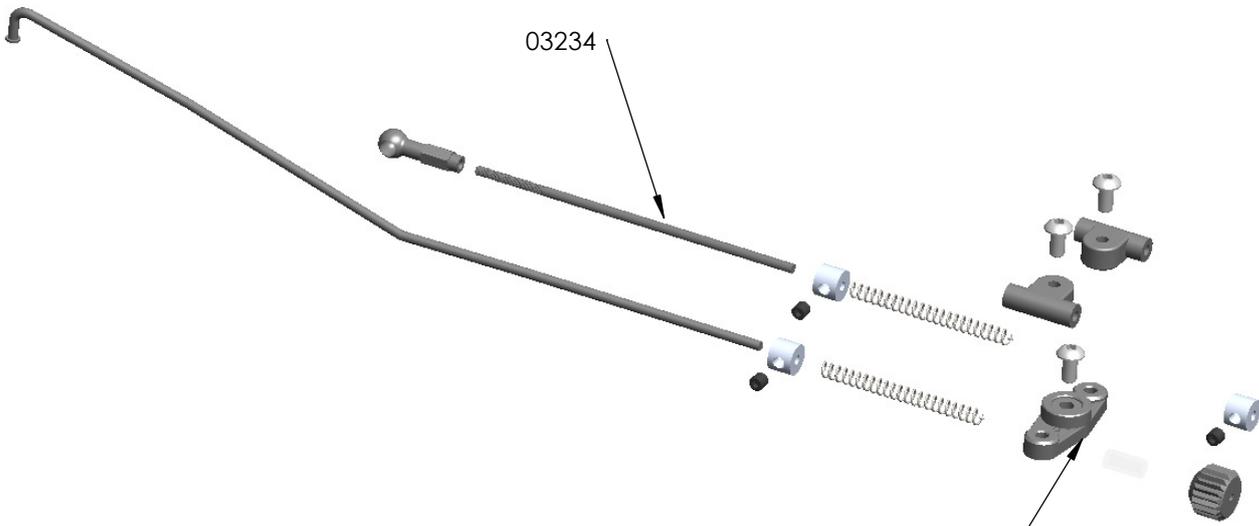


96001  
M4 x10



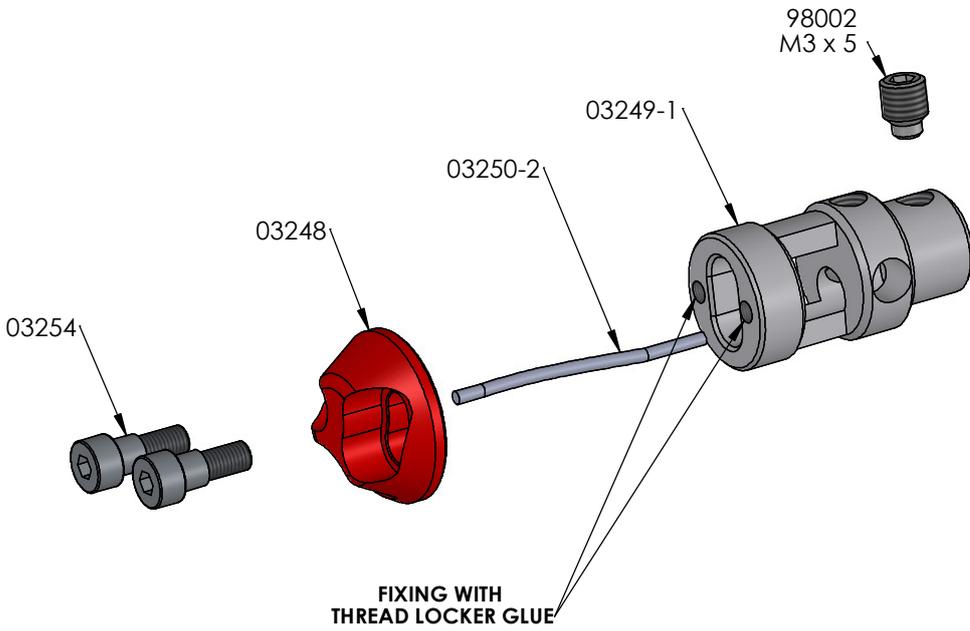


03234

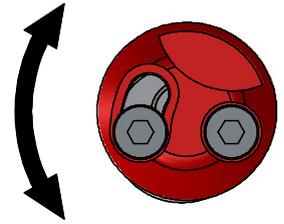


02081-2

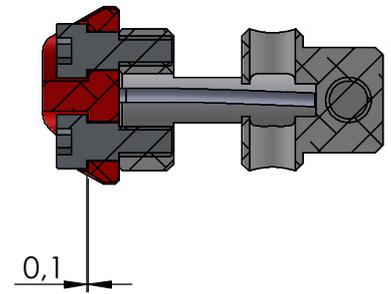
### FRONT



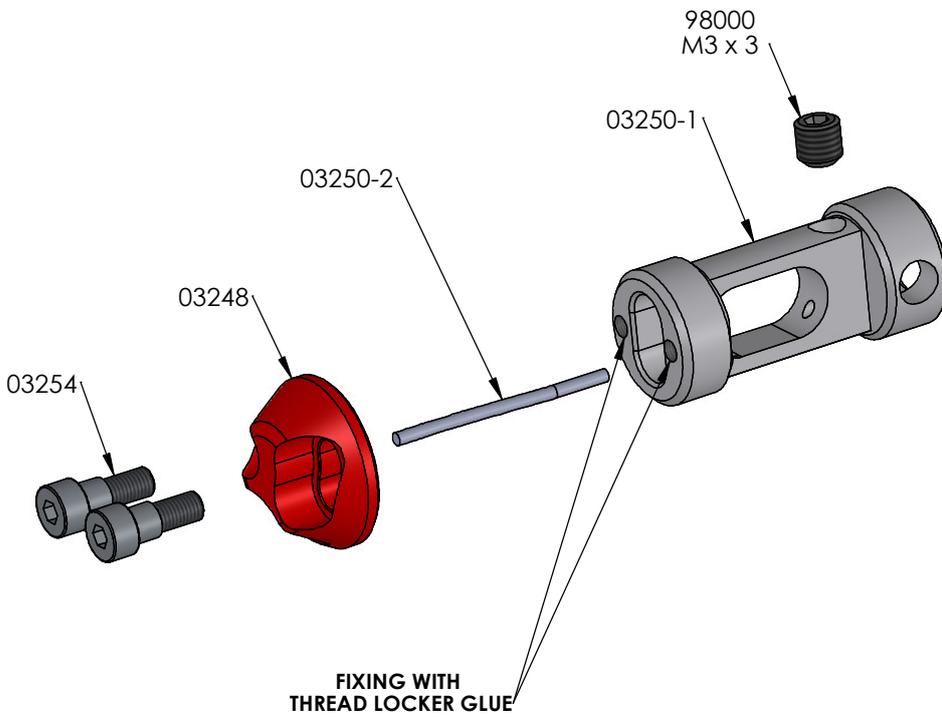
CLOSED



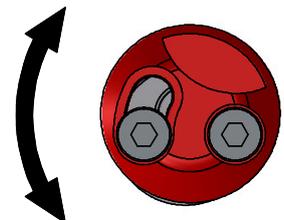
OPEN



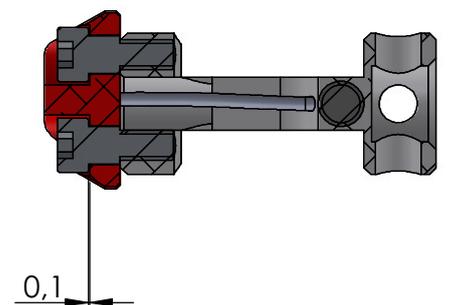
### REAR



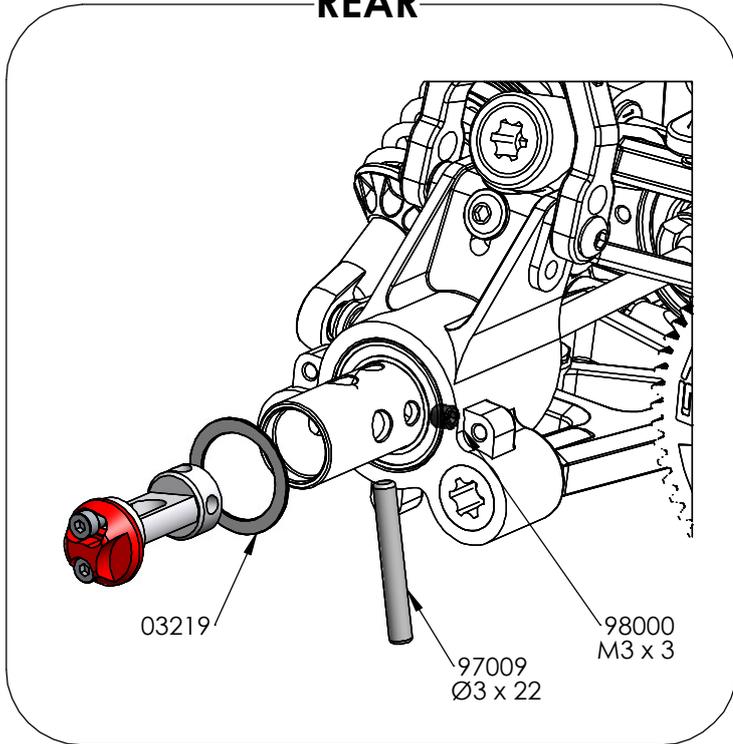
CLOSED



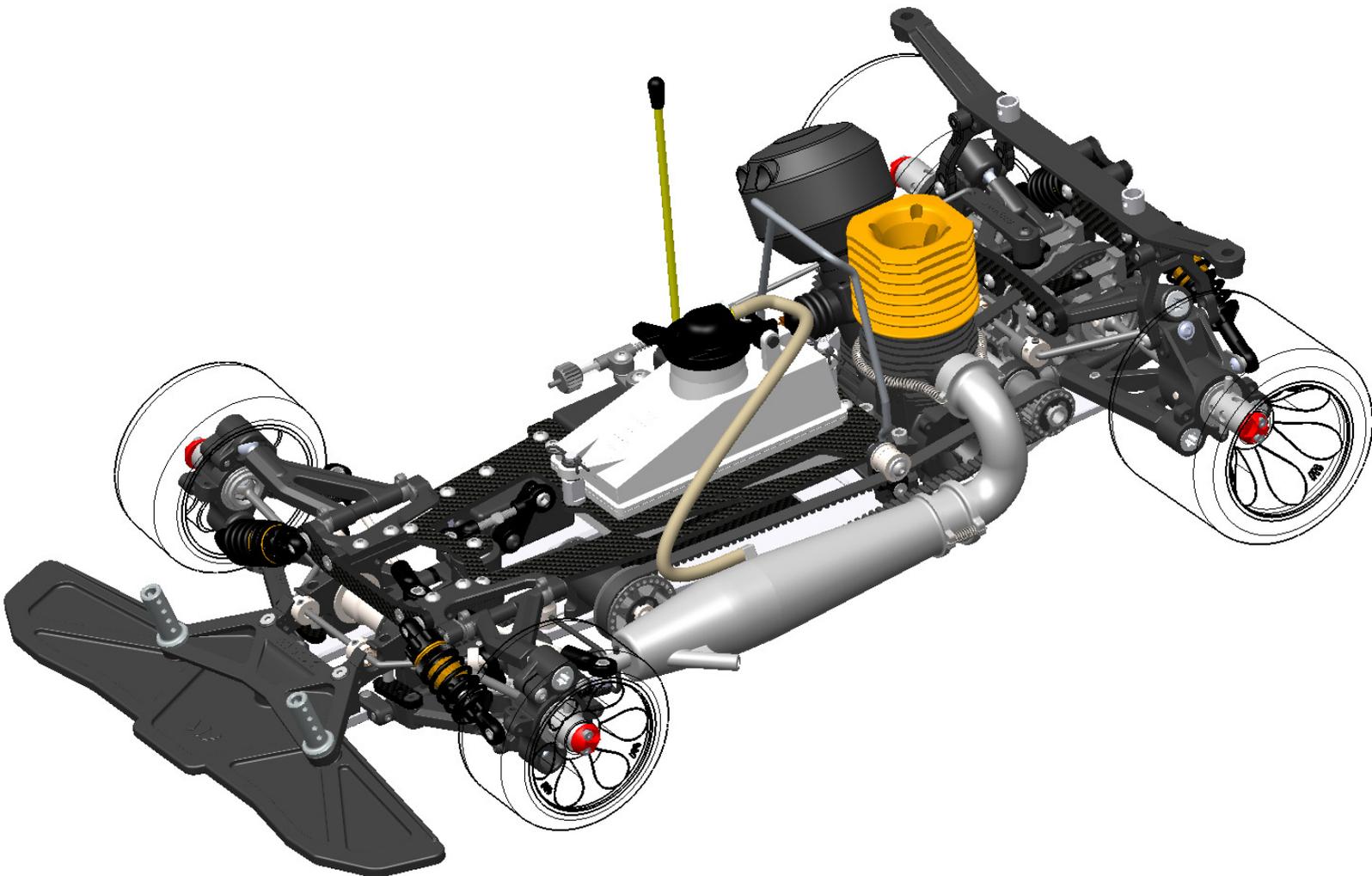
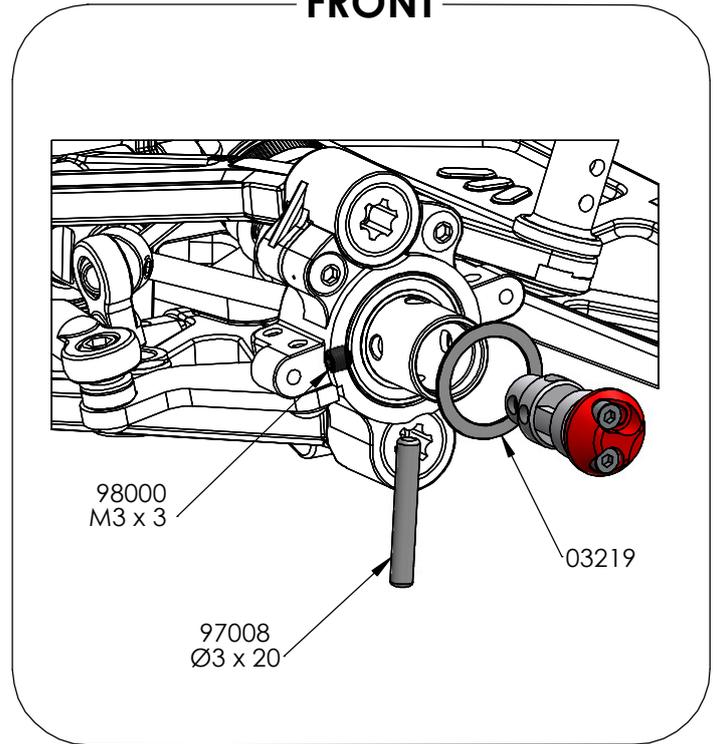
OPEN



### REAR



### FRONT



# GT<sup>X</sup> SETUP SHEET

NAME \_\_\_\_\_  
 DATE \_\_\_\_\_  
 TRACK \_\_\_\_\_

<b>SURFACE</b>	<input type="radio"/> SMOOTH	<input checked="" type="radio"/> MEDIUM	<input type="radio"/> BUMPY
<b>SIZE</b>	<input type="radio"/> TIGHT	<input checked="" type="radio"/> MEDIUM	<input type="radio"/> FAST
<b>TRACTION</b>	<input type="radio"/> LOW	<input checked="" type="radio"/> MEDIUM	<input type="radio"/> HIGH

<b>PINION</b>	1st: 19	2nd: 24
<b>SPUR GEAR</b>	1st: 61	2nd: 57

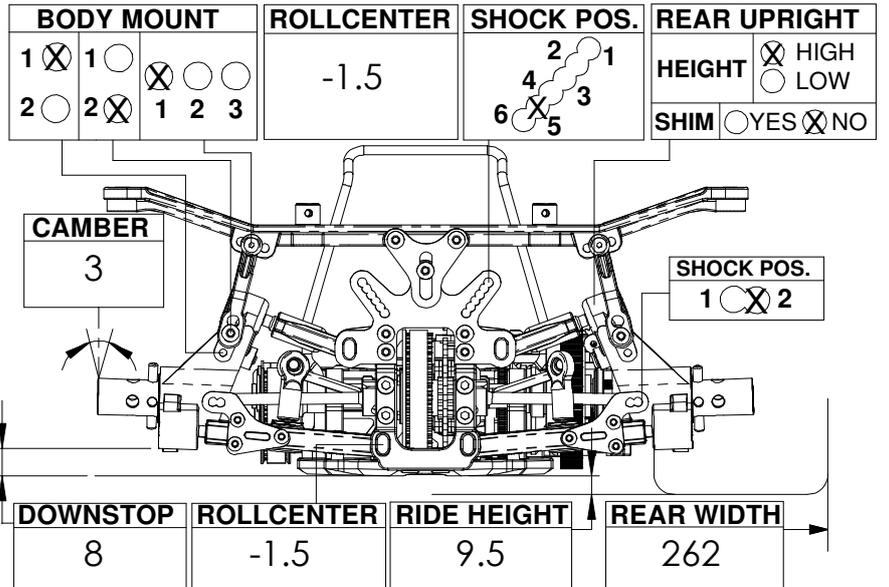
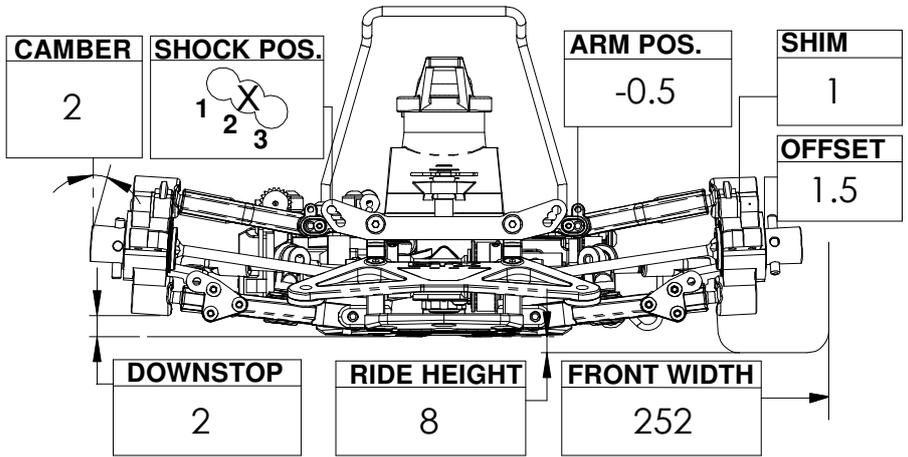
<b>SHOE</b>	<input checked="" type="radio"/> STANDARD	<input type="radio"/> OPTIONAL
<b>SPRING</b>	0.50	
<b>BELL CLEARANCE /mm</b>	0.50	
<b>BELL AXIAL PLAY /mm</b>	0.10	

	FRONT	REAR
<b>SPRINGS</b>		
<b>OIL</b>	600	600
<b>PISTON</b>	ORIGINAL	ORIGINAL
<b>LENGHT /mm</b>		
<b>PRELOAD /mm</b>		
<b>REBOUND %</b>	10%	10%

<b>FRONT</b>	2.3
<b>REAR</b>	3.2

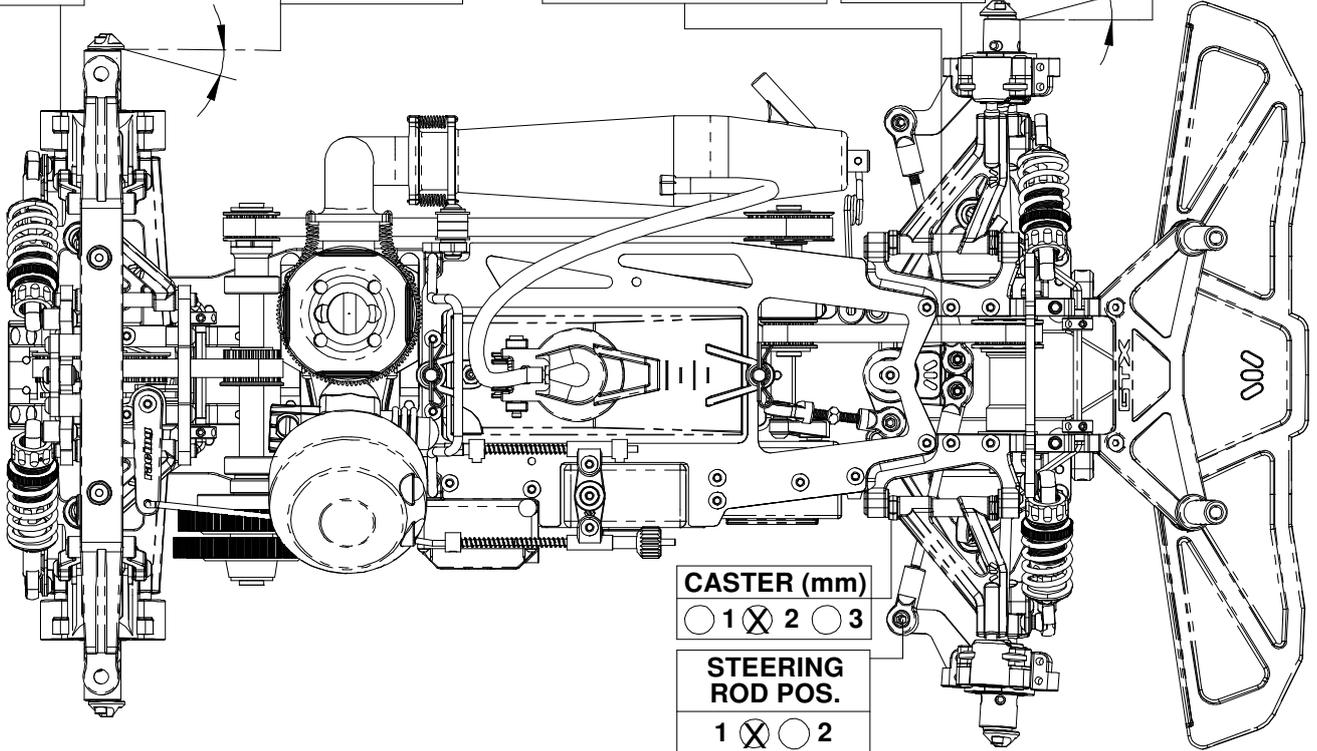
 + 0.5mm	 + 1.0mm	 + 1.5mm
 - 0.5mm	 - 1.0mm	 - 1.5mm

<b>BATTERY MOUNT</b>	<input checked="" type="radio"/> STANDARD	<input type="radio"/> BRASS
<b>ENGINE MOUNT</b>	<input checked="" type="radio"/> STANDARD	<input type="radio"/> BRASS



<b>DISC</b>	<input checked="" type="radio"/> YES	<input type="radio"/> NO
<b>TOE°</b>	2.5	

<b>SERVO SAVER POS.</b>	<input type="radio"/> FRONT (1)	<input checked="" type="radio"/> REAR (2)
<b>DISC</b>	<input checked="" type="radio"/> YES	<input type="radio"/> NO
<b>TOE°</b>	1.5	



<b>CASTER (mm)</b>	<input type="radio"/> 1	<input checked="" type="radio"/> 2	<input type="radio"/> 3
<b>STEERING ROD POS.</b>	<input type="radio"/> 1	<input checked="" type="radio"/> 2	