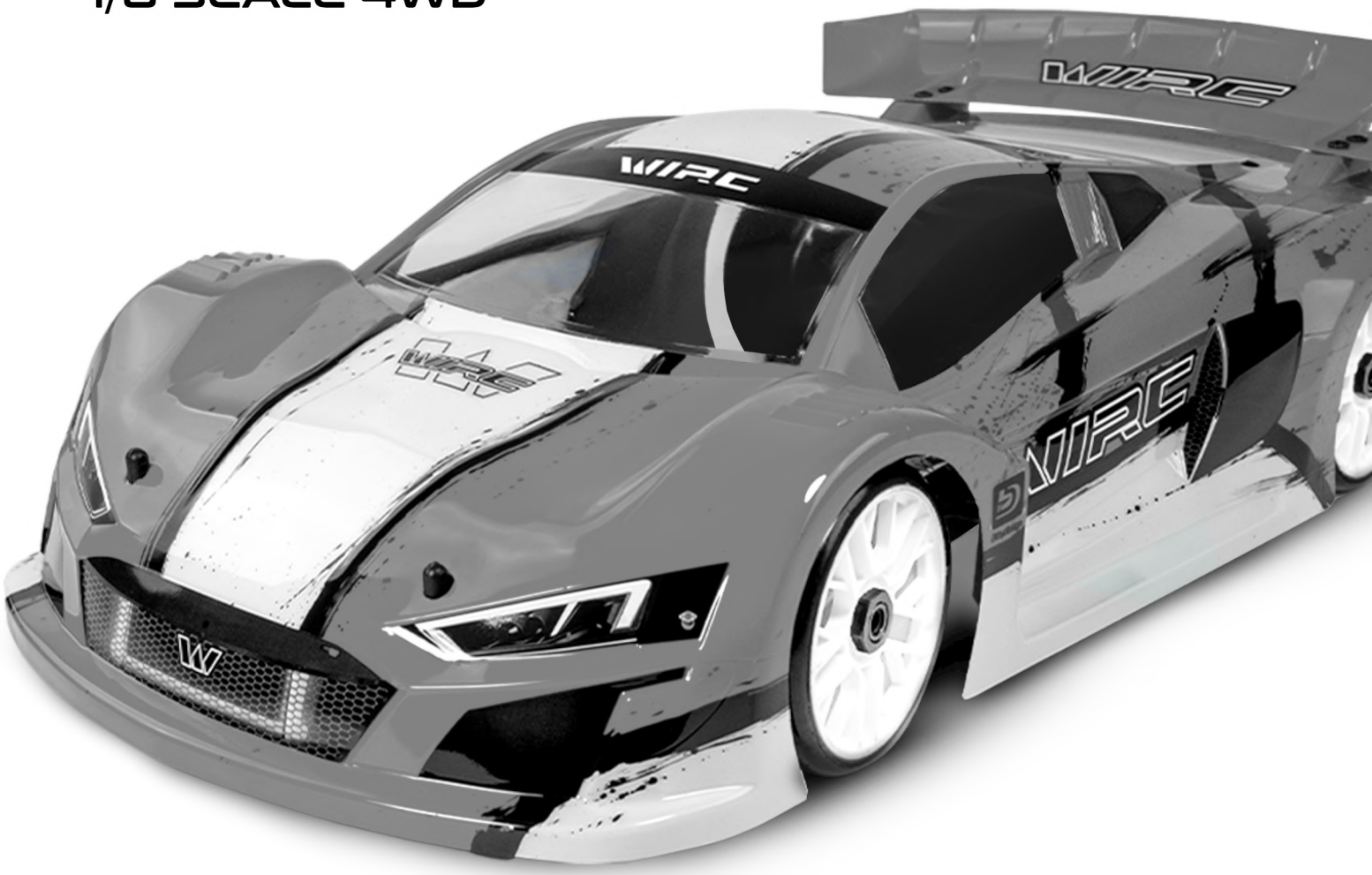
GT4ER·1

NEW GENERATION RC CAR

ONROAD ELECTRIC GT
1/8 SCALE 4WD



INSTRUCTION MANUAL

WIRC
PROFESSIONAL RC CAR

WWW.WIRCRACING.COM

GT4ER

TECHNICAL INFORMATION

- WHEELS LOCK: Lightweight 17 mm 7075 T6 Nut
- CHASSIS: 4.0 mm Swiss 7075 T6 aluminium
- RADIO PLATE: Carbon Fiber & Composite Material
- DRIVETRAIN TYPE: Spring steel CVD Driveshfts
- FRONT DIFFERENTIAL: Differential Gear
- REAR DIFFERENTIAL: Differential Gear
- SUSPENSION: Pivot ball suspension
- RIDE HEIGHT: Adjustable Front & Rear
- CAMBER: Adjustable Front & Rear
- CASTER: Adjustable Front
- TOE: Adjustable Front & Rear
- ROLLCENTER: Adjustable Front & Rear
- ACKERMANN: Adjustable Front
- ANTI-ROLL BARS: Adjustable Front & Rear

TECHNICAL DATA

- WIDTH .....310 mm
- WHEEL BASE .....adjustable 315-320 mm
- WEIGHT READY TO RUN 3500g

ADDITIONAL ITEMS NEEDED FOR COMPLETION

REQUIRED BUT NOT INCLUDED IN THE KIT

ENGINE

TRANSMITTER

BATTERIES
FOR TRANSMITTER

1 STEERING SERVO

RECEIVER

WHEEL - TYRES - INSERTS

2 x 7.4V LIPO BATTERIES

SPEED CONTROLLER

BODY

TOOLS REQUIRED

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

ALLENS:
1.5 mm 2 mm
2.5 mm 3 mm

SOCKET
5mm

SIDE CUTTERS

COMBINATION PLIERS

TOOL FOR
TURNBUCKLES/NUTS

WHEEL NUT TOOL
17mm

GREASE

OILS:
5000 CST
BEARING OIL

NOTICE:

THESE ITEMS ABOVE ARE NEEDED FOR COMPLETION OF THE GT4ER; THEY ARE NOT INCLUDED IN THIS KIT (UNLESS NOTED) AND SHOULD BE OBTEINED FROM YOUR LOCAL HOBBY SHOP.
BE SURE TO READ THE INSTRUCTION COMPLETELY PRIOR TO ASSEMBLY

GT4ER

INTRODUCTION

GT4ER is a new generation high quality 1/8 scale GT electric car.
GT4ER is supplied in a box,you can download the Instruction manual from www.wircracing.com
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 WIRC 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

WIRC 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 compnents 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 moistur, improper use or no maintenance or user modifications which compromise the integrity of components.
Warranty will not cover compnents that are considered consumable on RC model car.
WIRC doesn't pay nor refund on any component sent from WIRC or its distributor for warranty.
WIRC reserves the right to make final determination of the warranty status of any component or part
Use only original WIRC spare parts.

CUSTOMER SUPPORT

Please don't hesitate to contact WIRC support at info@wircracing.com for any problem or question.

Also kindly visit our website www.wircracing.com to find last updates, set-up, option parts and other informations.

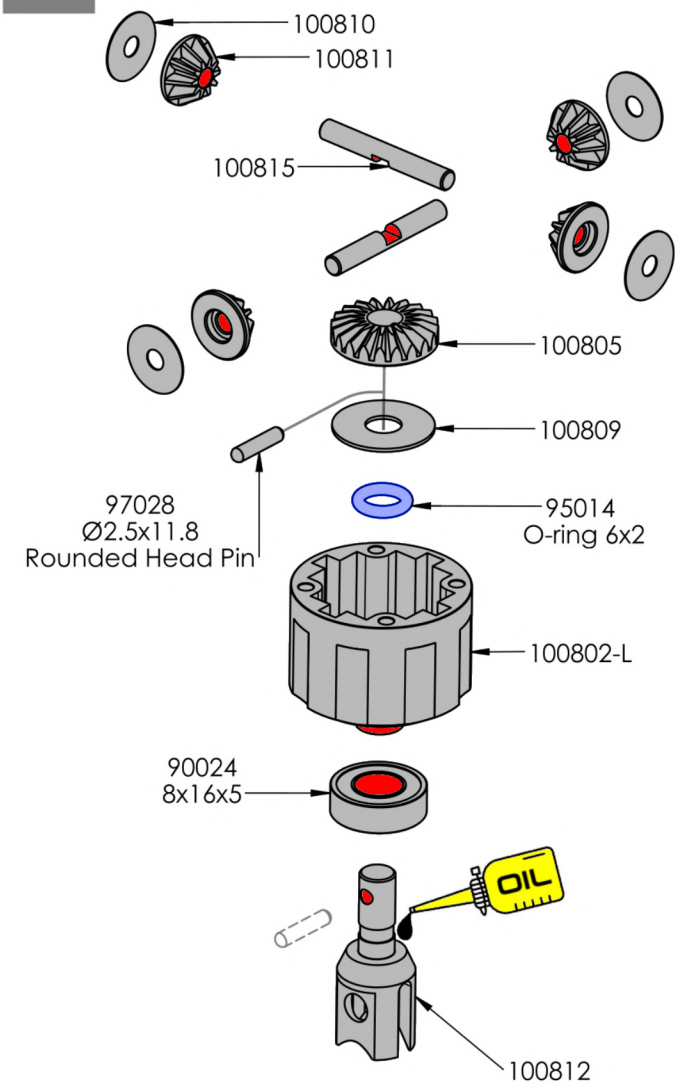
World Racing Car s.r.l.
Via A. Volta 2 Bis
36040 Brendola (VI)
ITALY

Phone: 0039 0444 1792263
E-mail: sales@wircracing.com
Website: www.wircracing.com

WIRC
PROFESSIONAL RC CAR

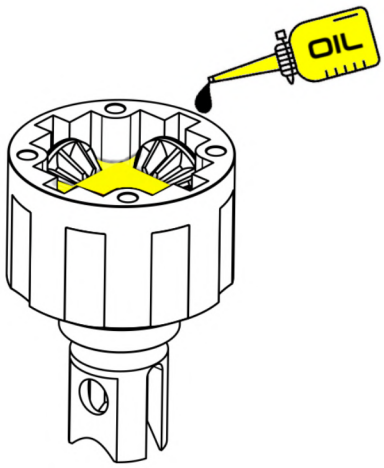
Front Diff. Gear

1



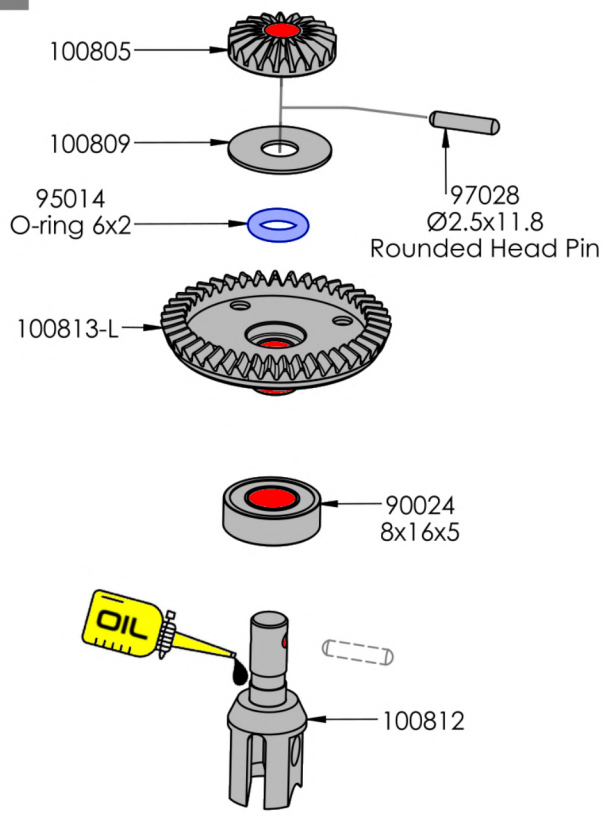
2

DIFFERENTIAL OIL :
Type: 1000000 cst
Weight: 3g



Fill the differential up to the top of the pin. DO NOT fill the diff. to the top of the housing.

3



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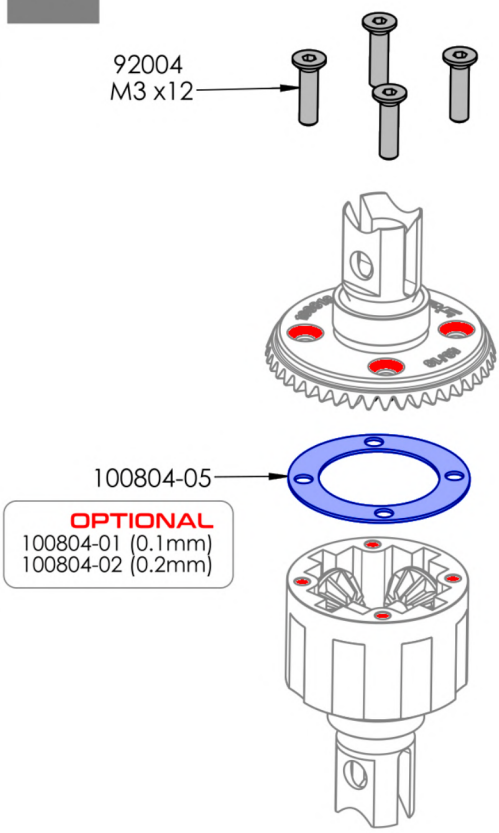
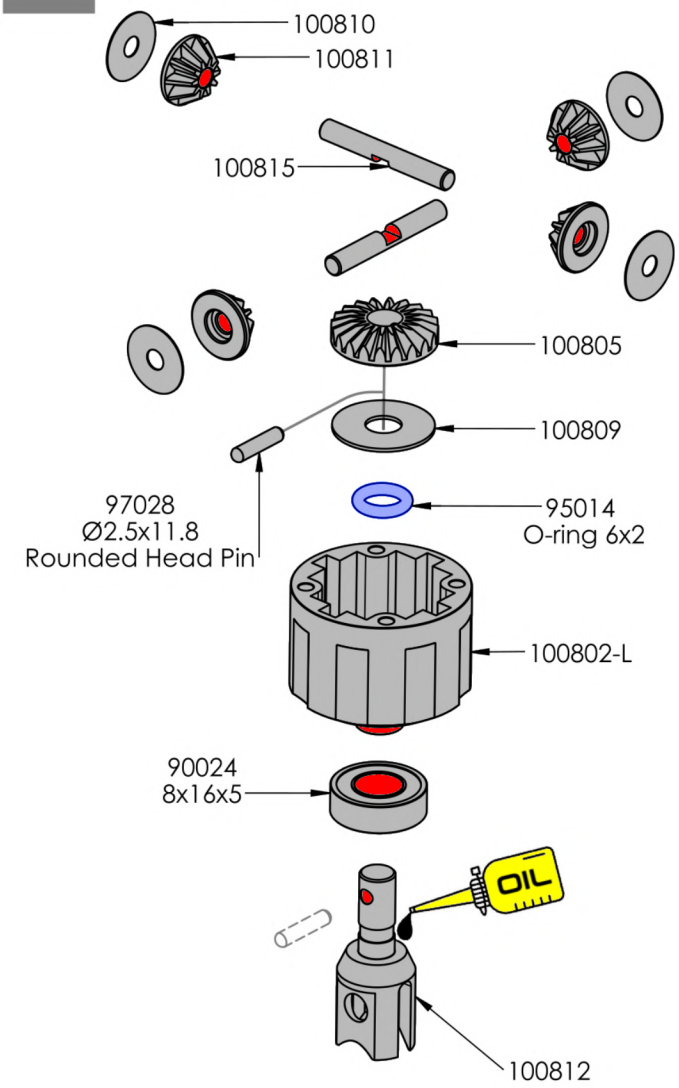


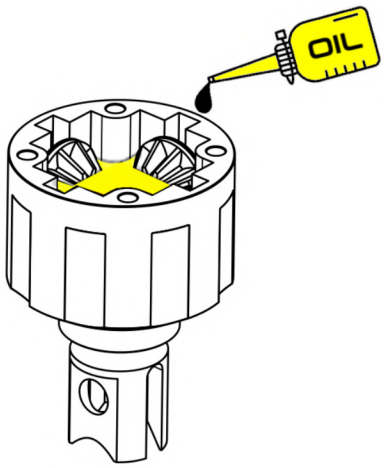
Rear Diff. Gear

1



2

DIFFERENTIAL OIL :
Type: 20000 cst
Weight: 3g



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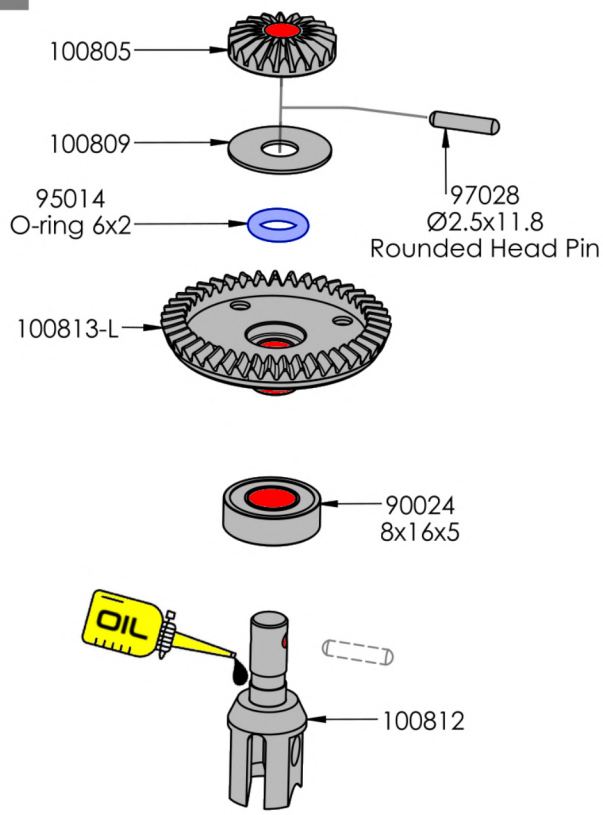

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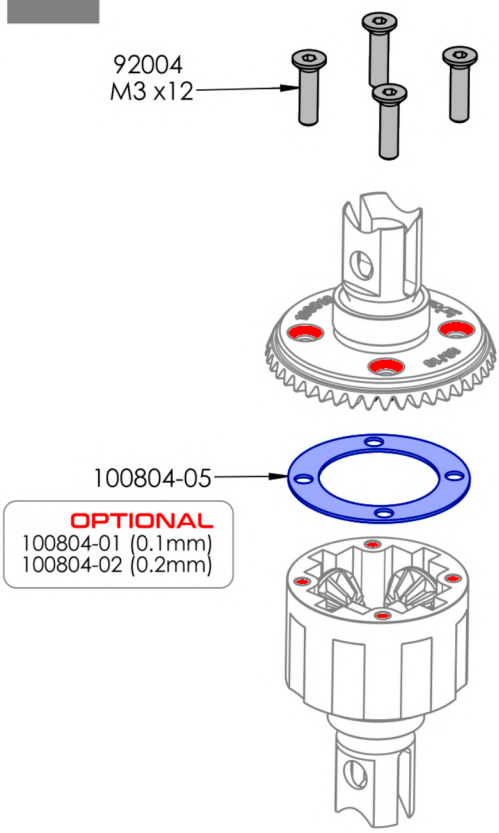
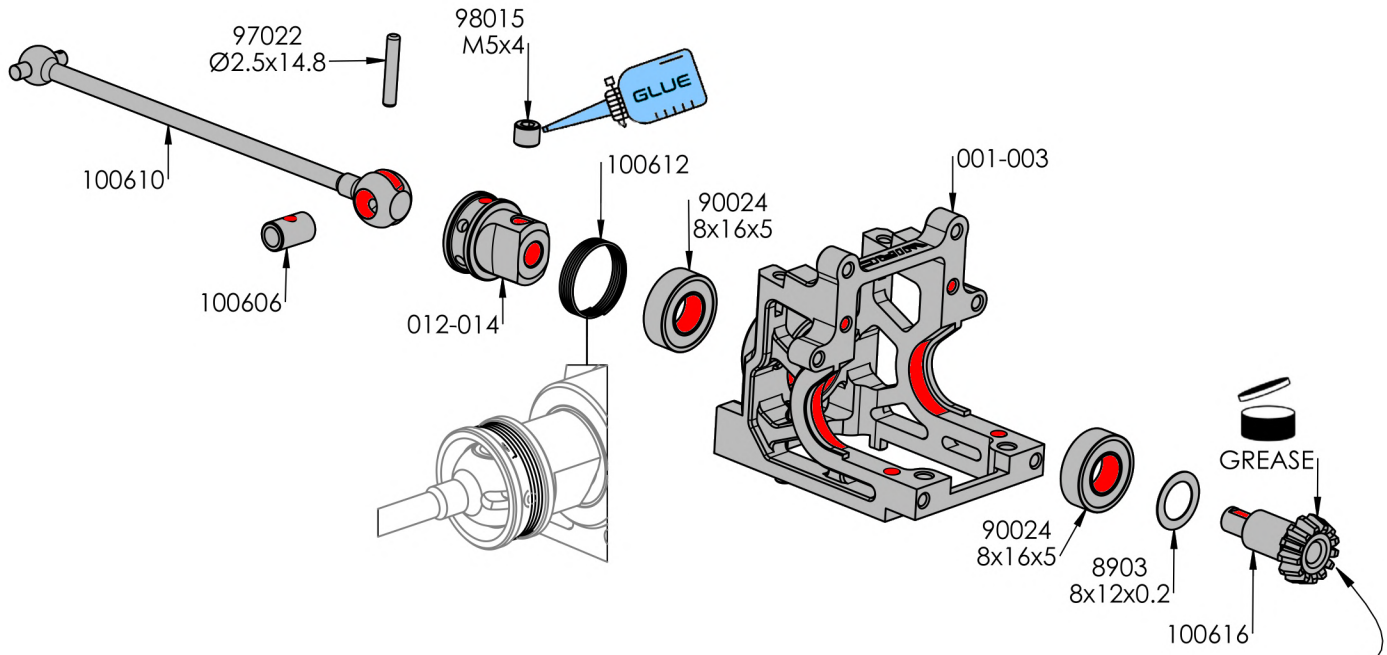
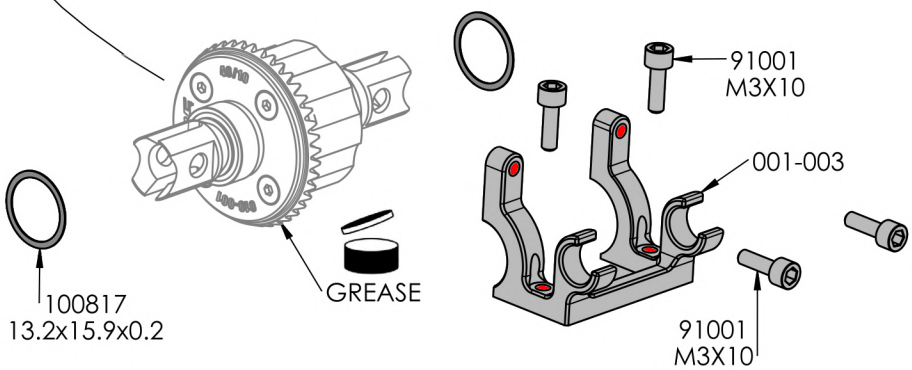


Front Transmission



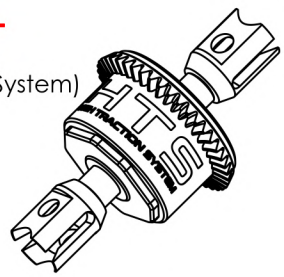
Use shims to adjust play between diff. and housing

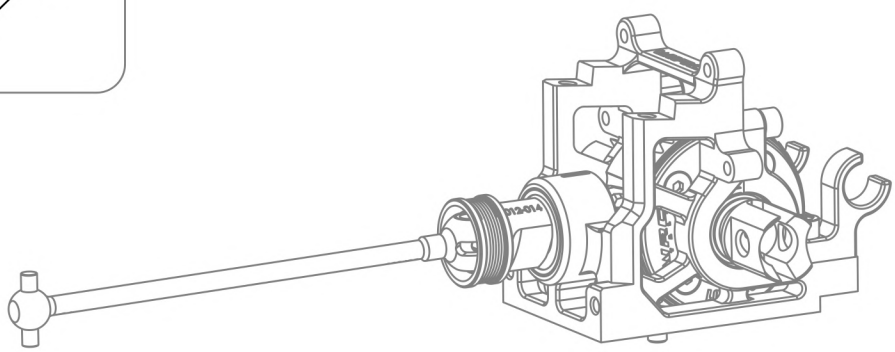
Leave 0.2mm of free play!



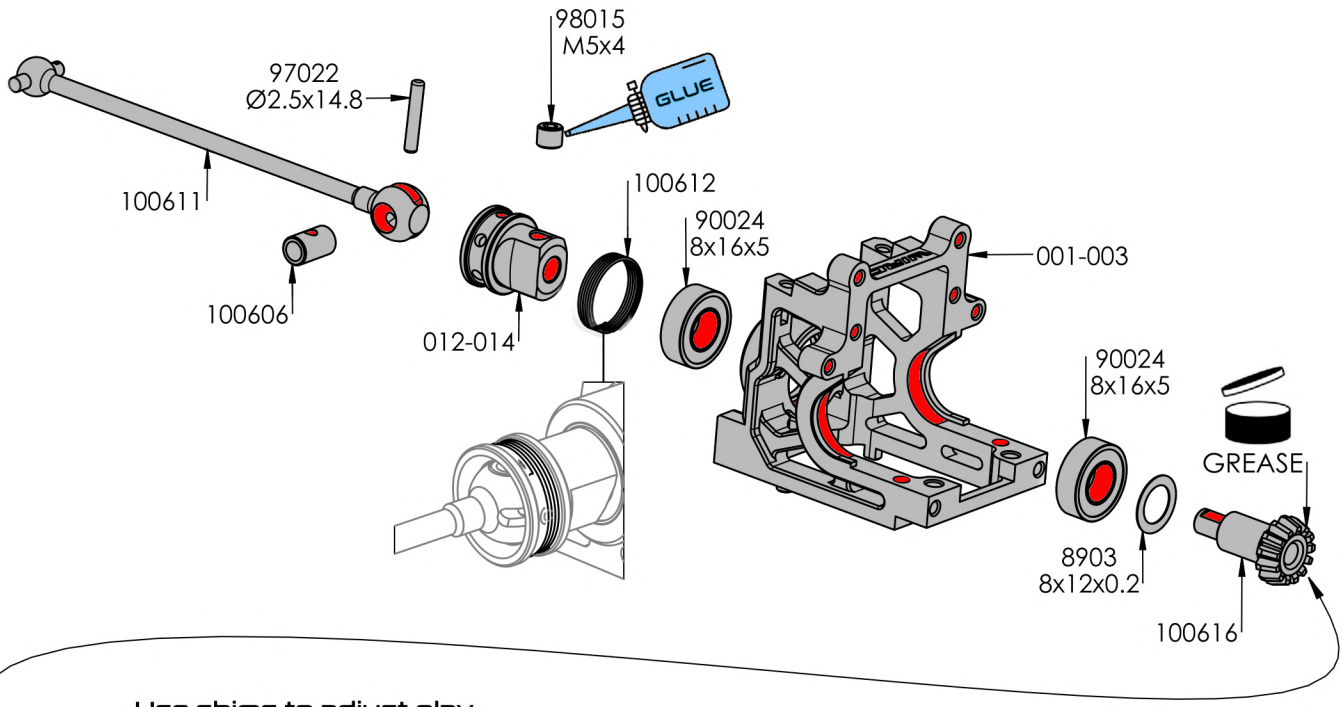
OPTIONAL

HTS Differential
(High Traction System)
018-000





Rear Transmission



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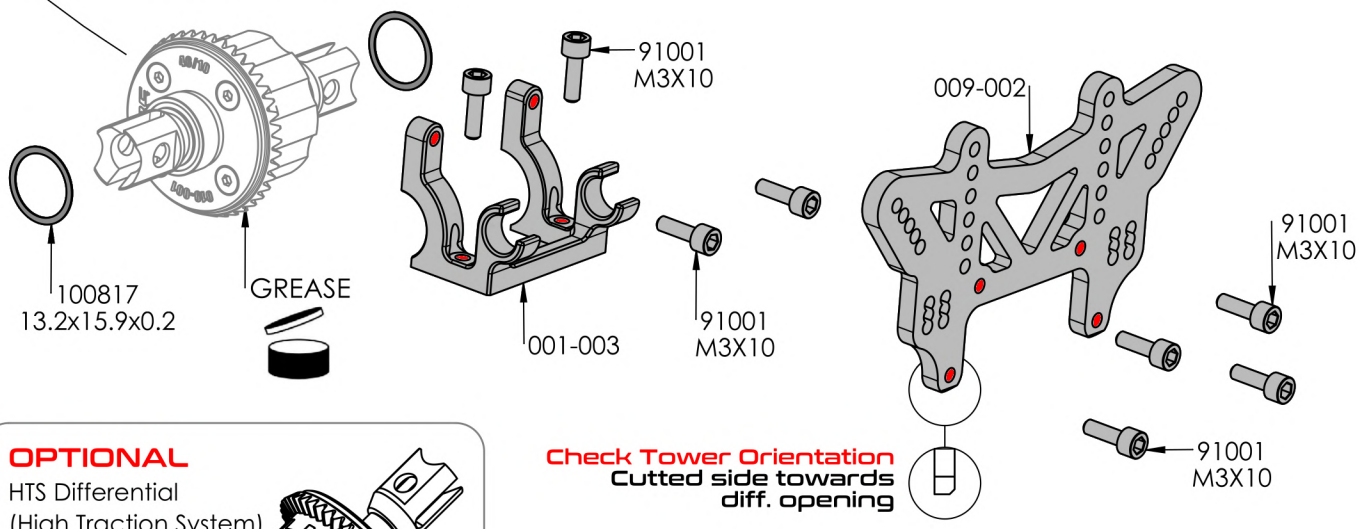

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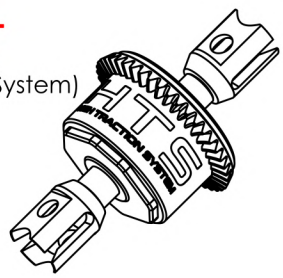
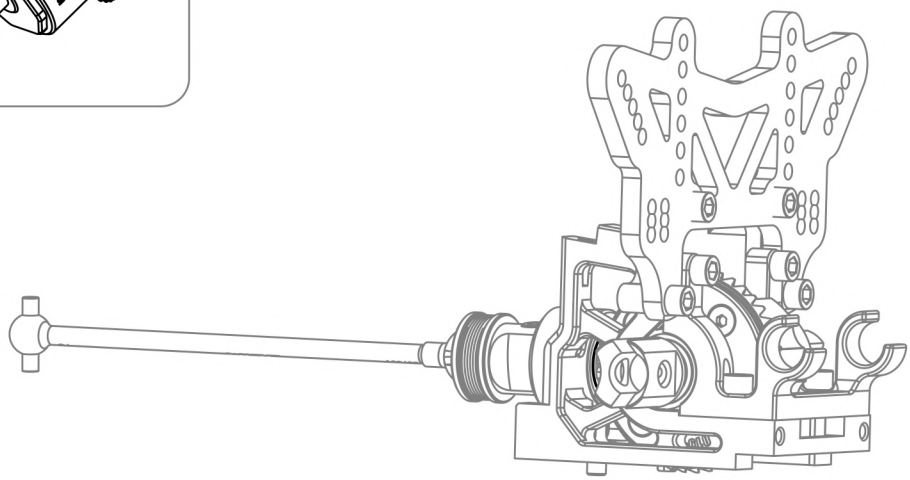
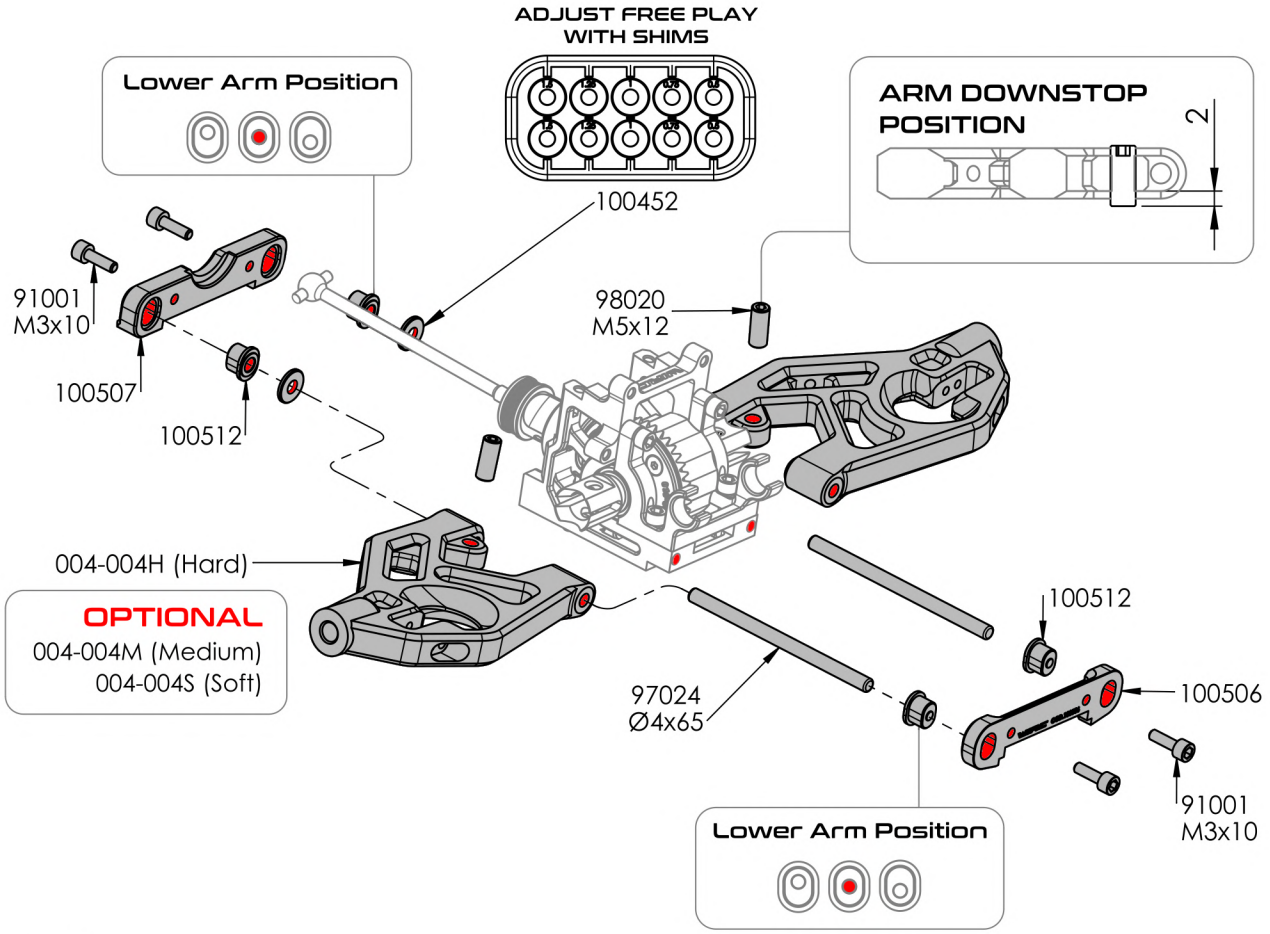
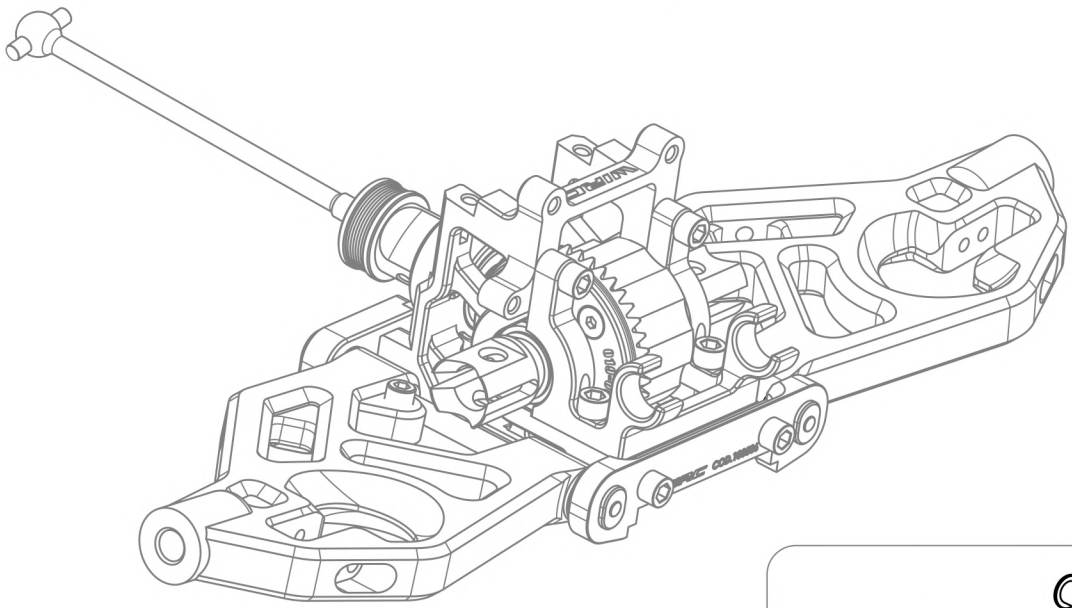


Check Tower Orientation
Cutted side towards diff. opening



Front Suspension





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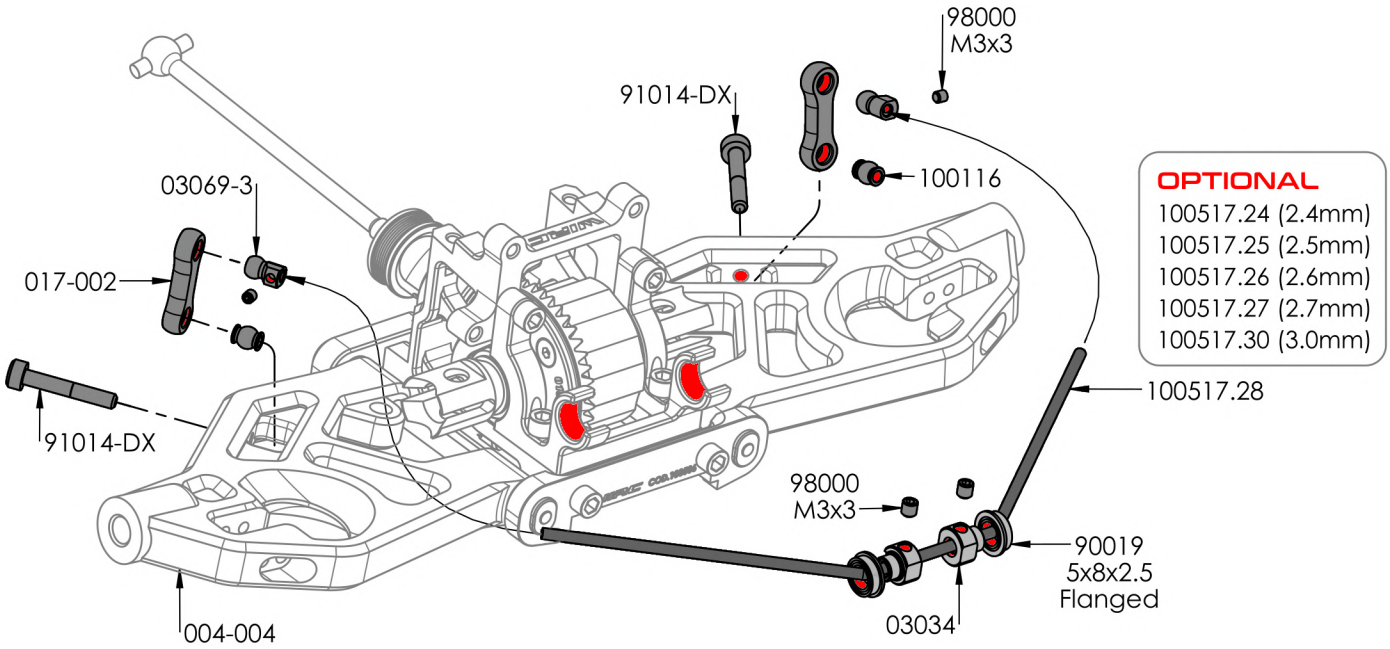
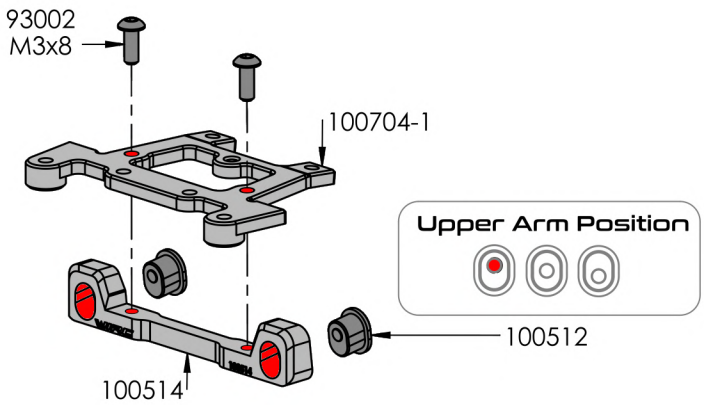
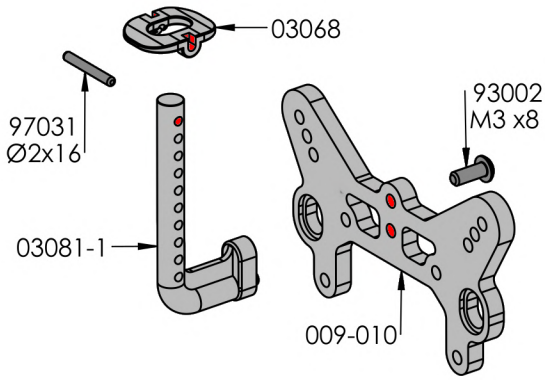
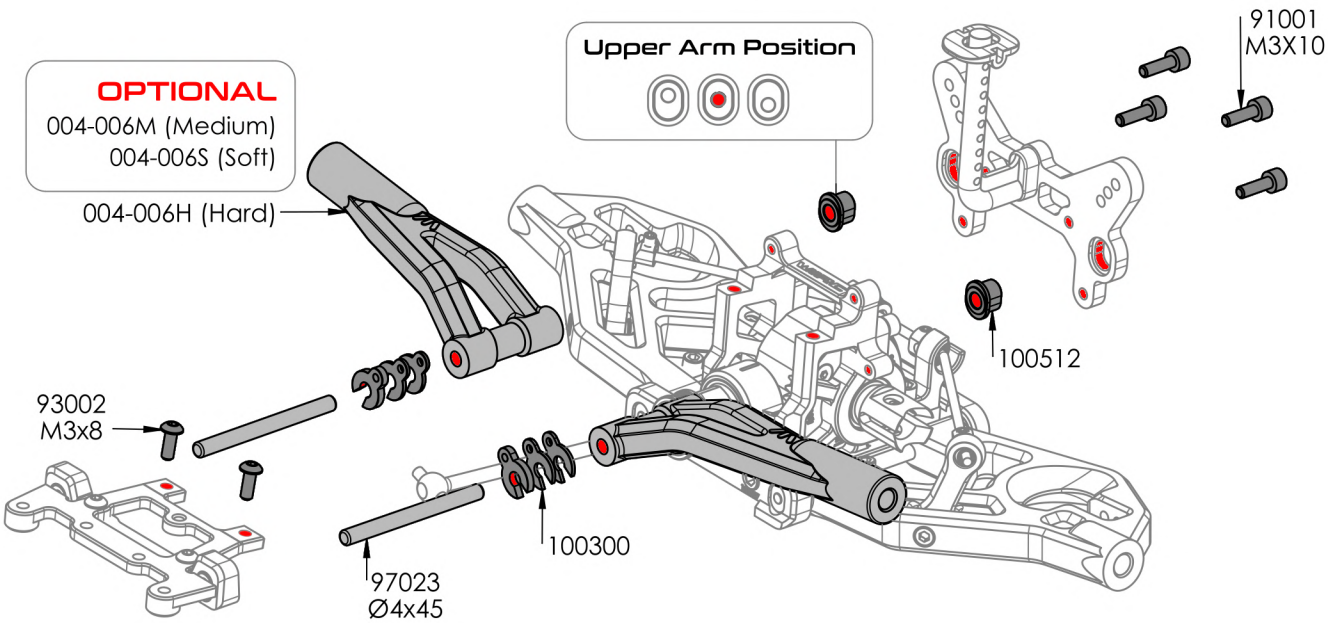
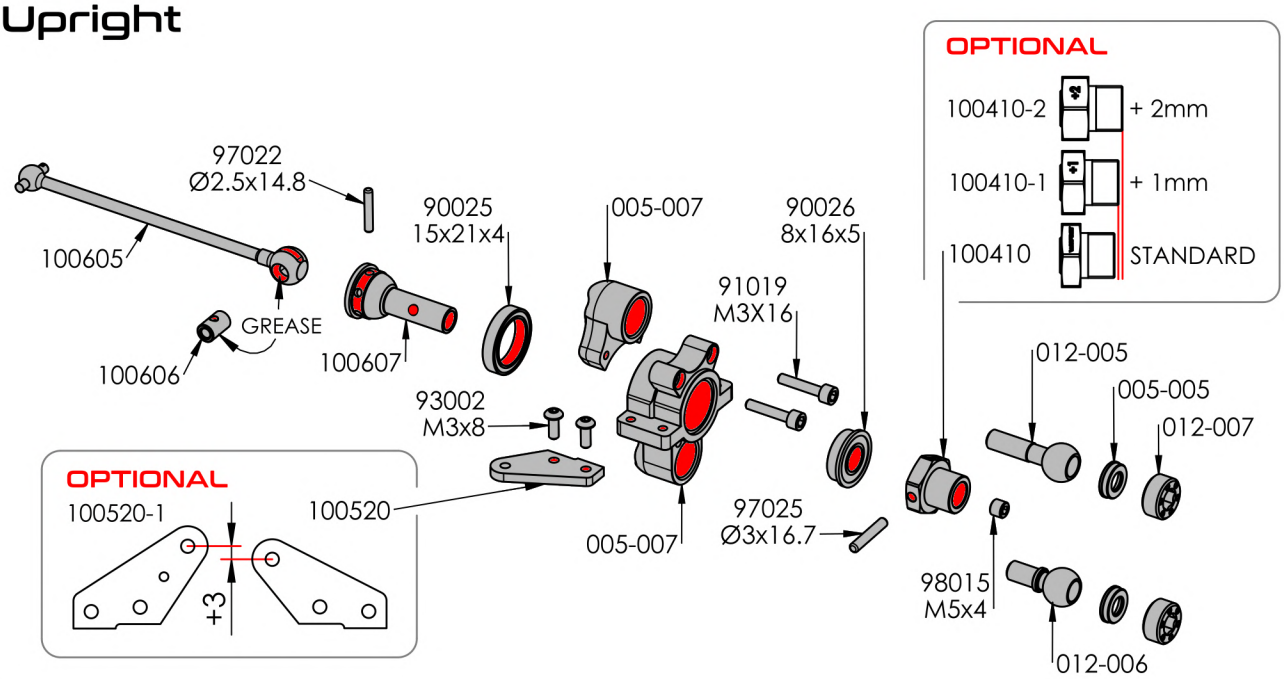






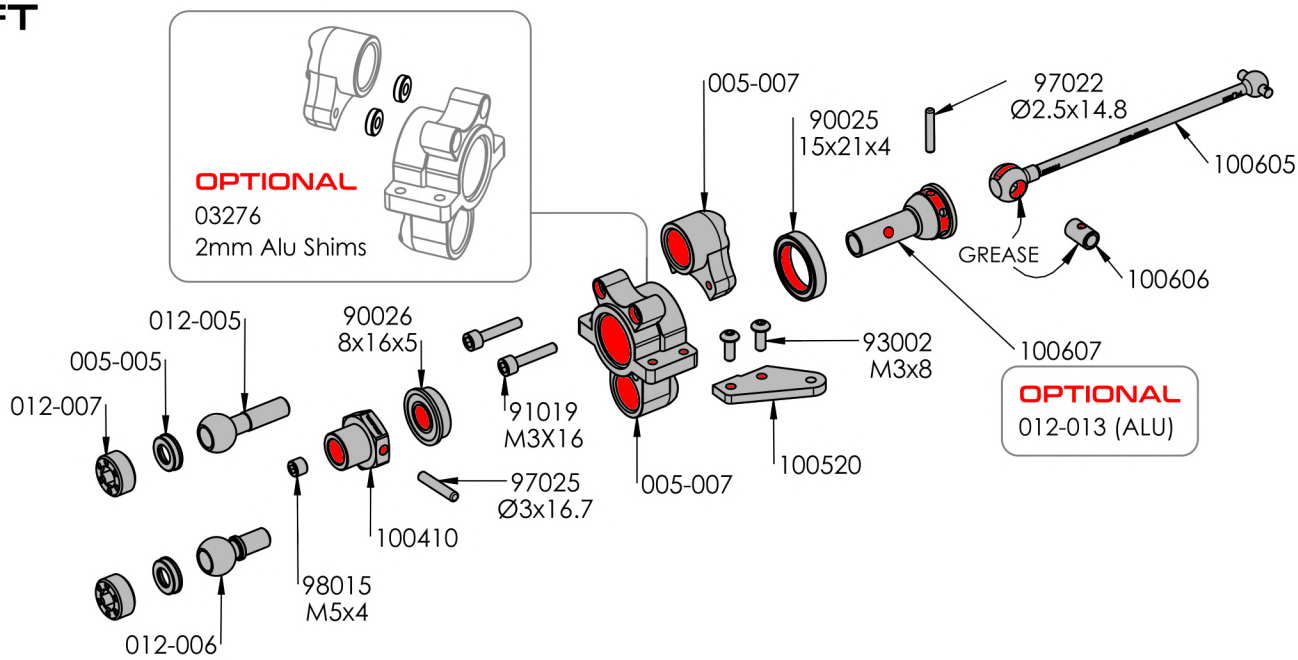


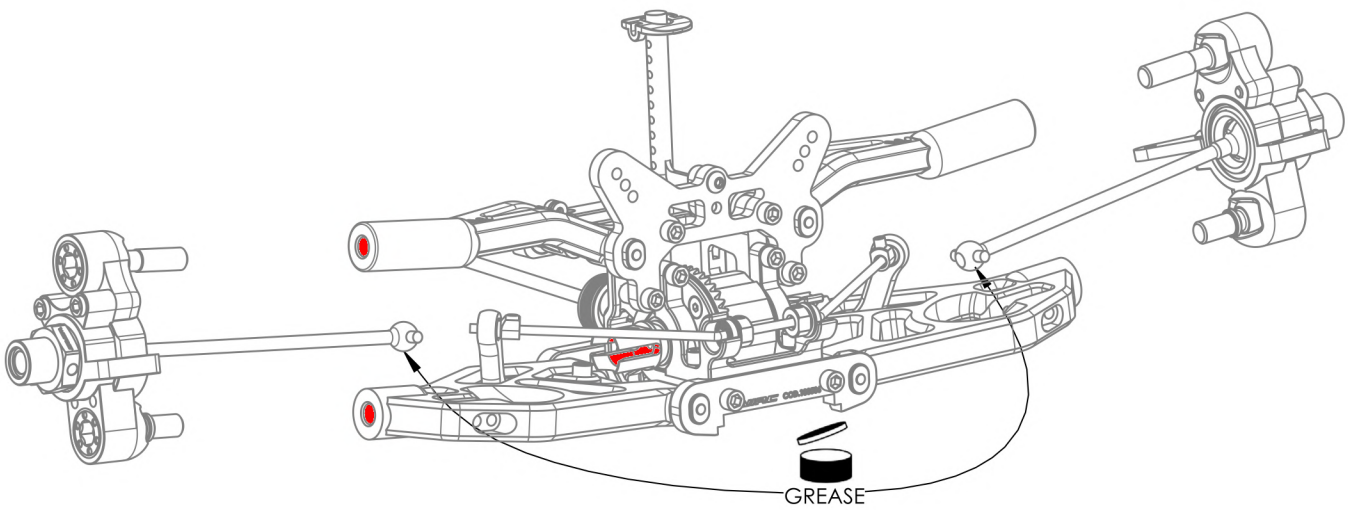
Front Upright



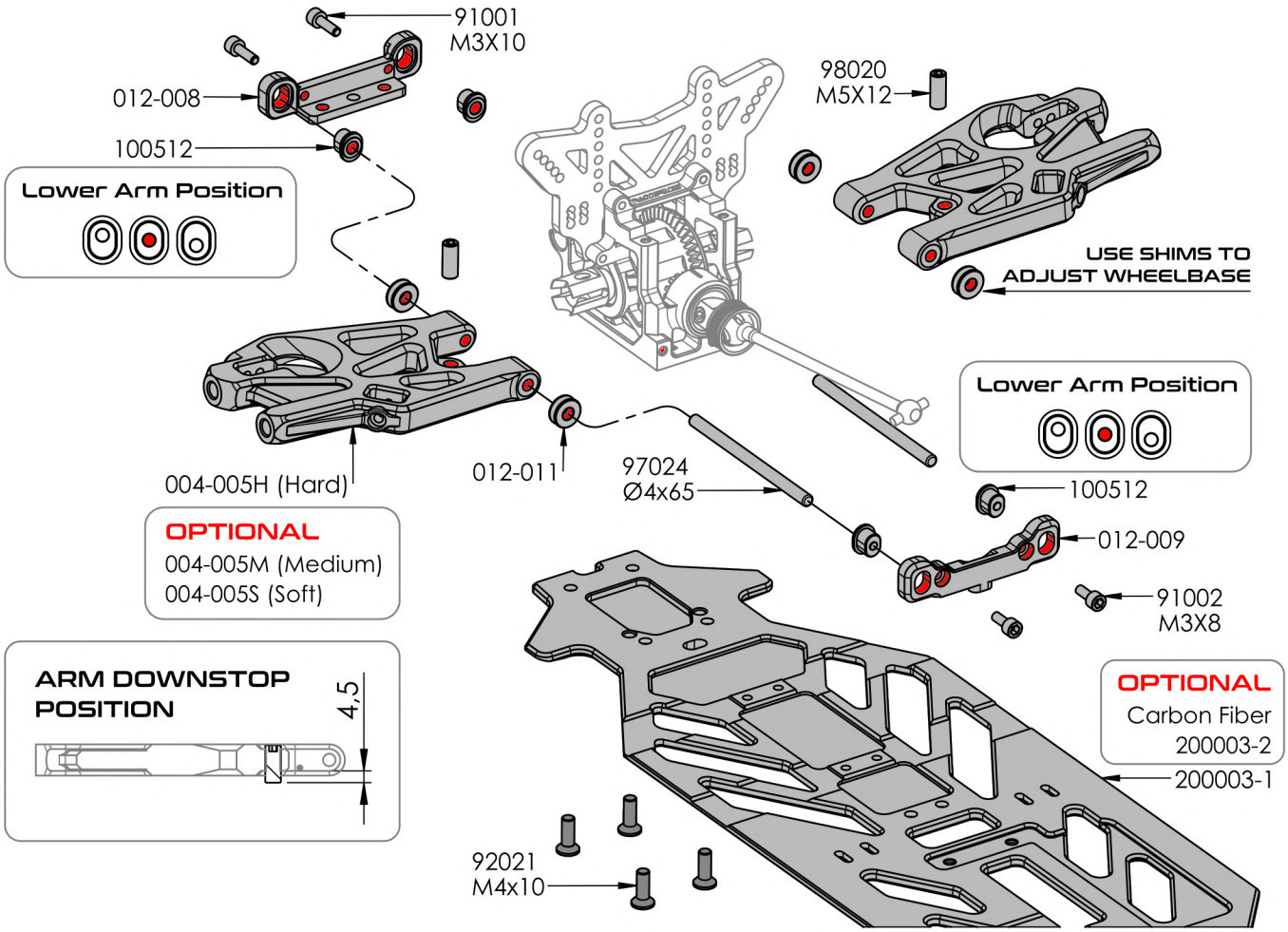
RIGHT

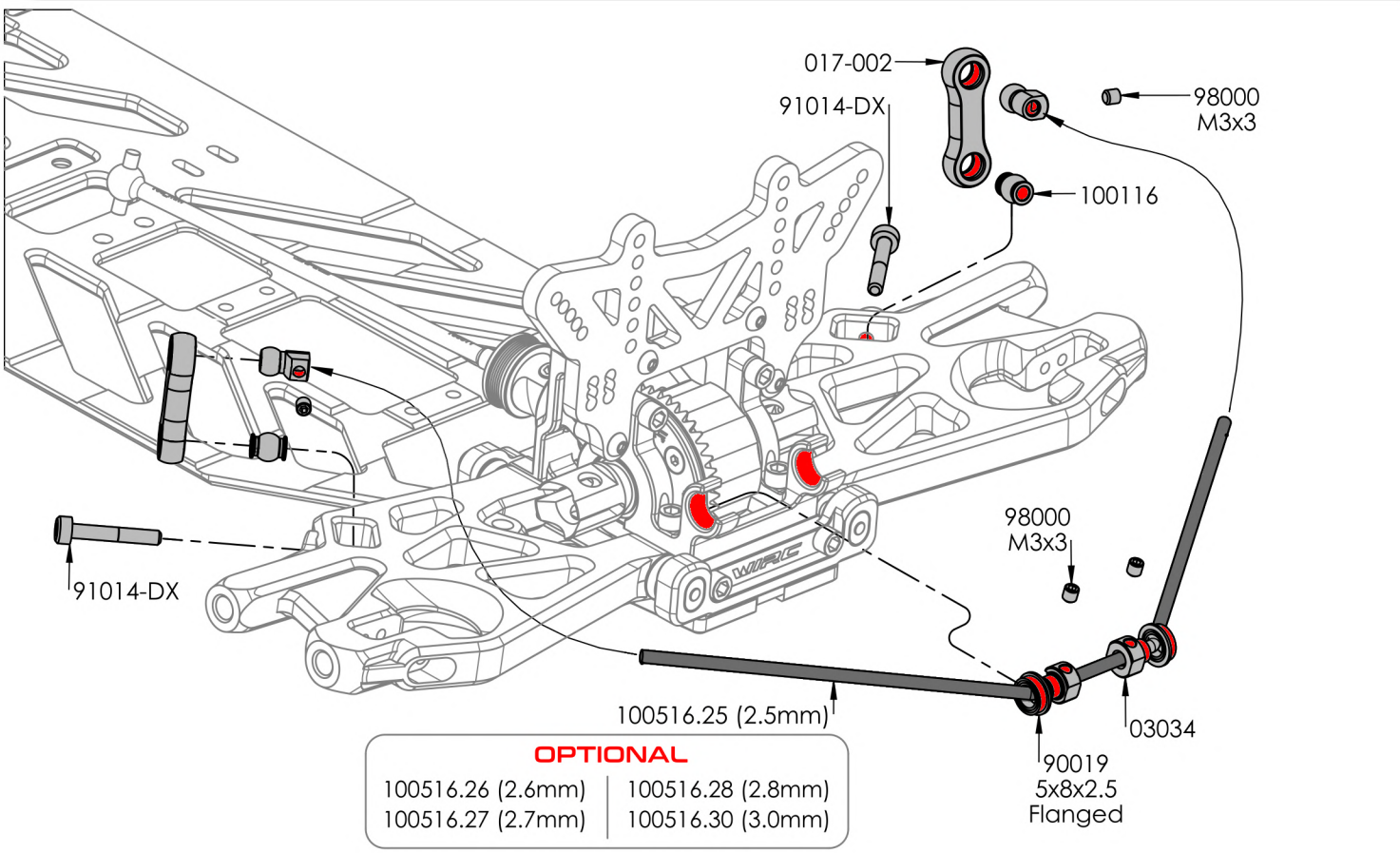
LEFT





Rear Suspension

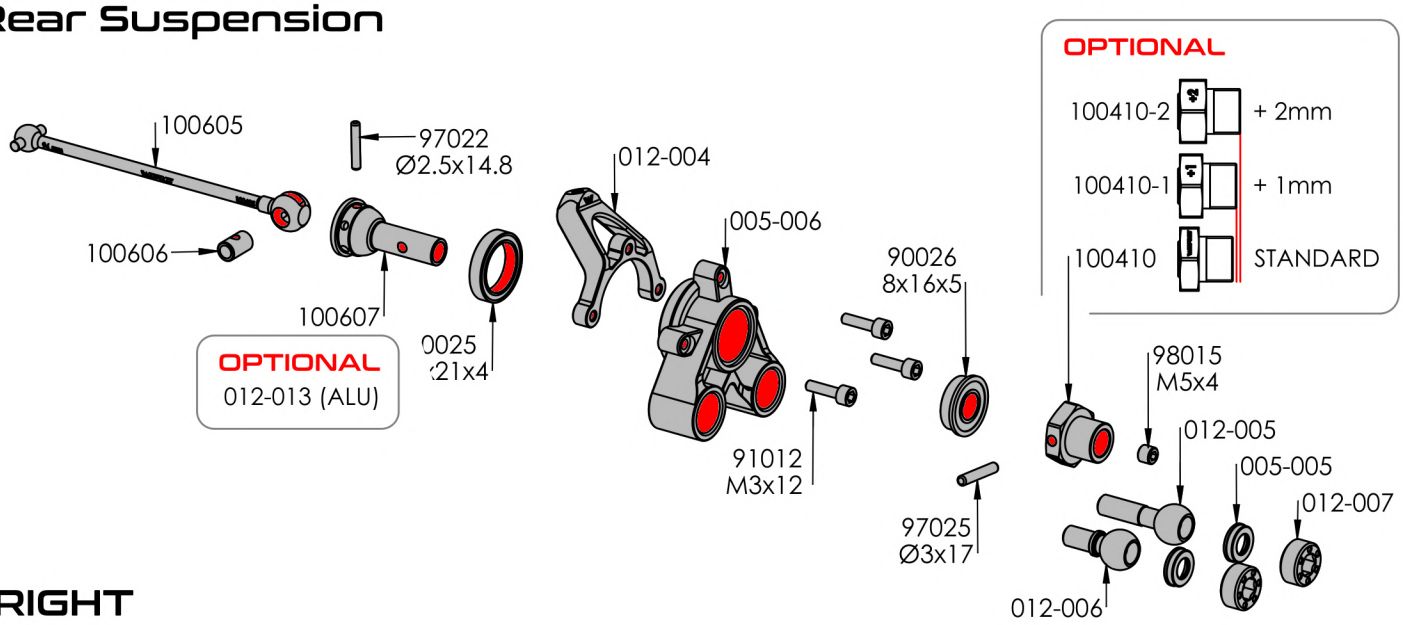




GT4R

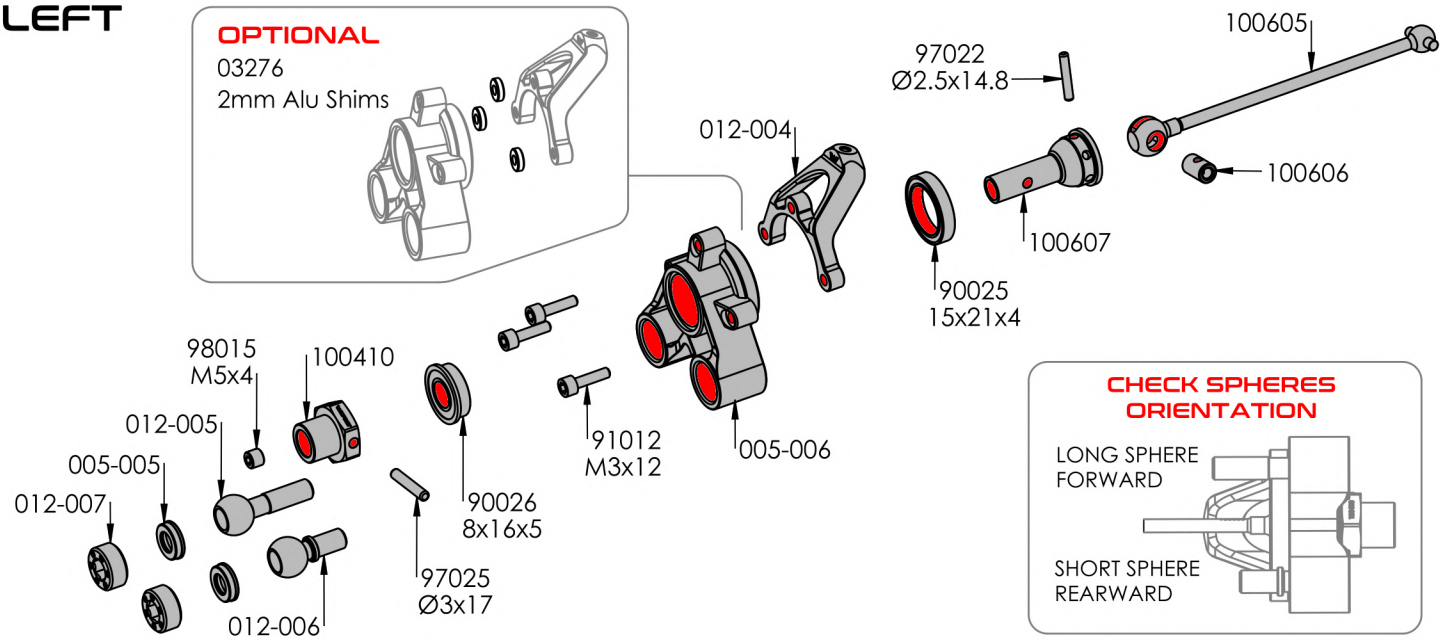
BAG 9

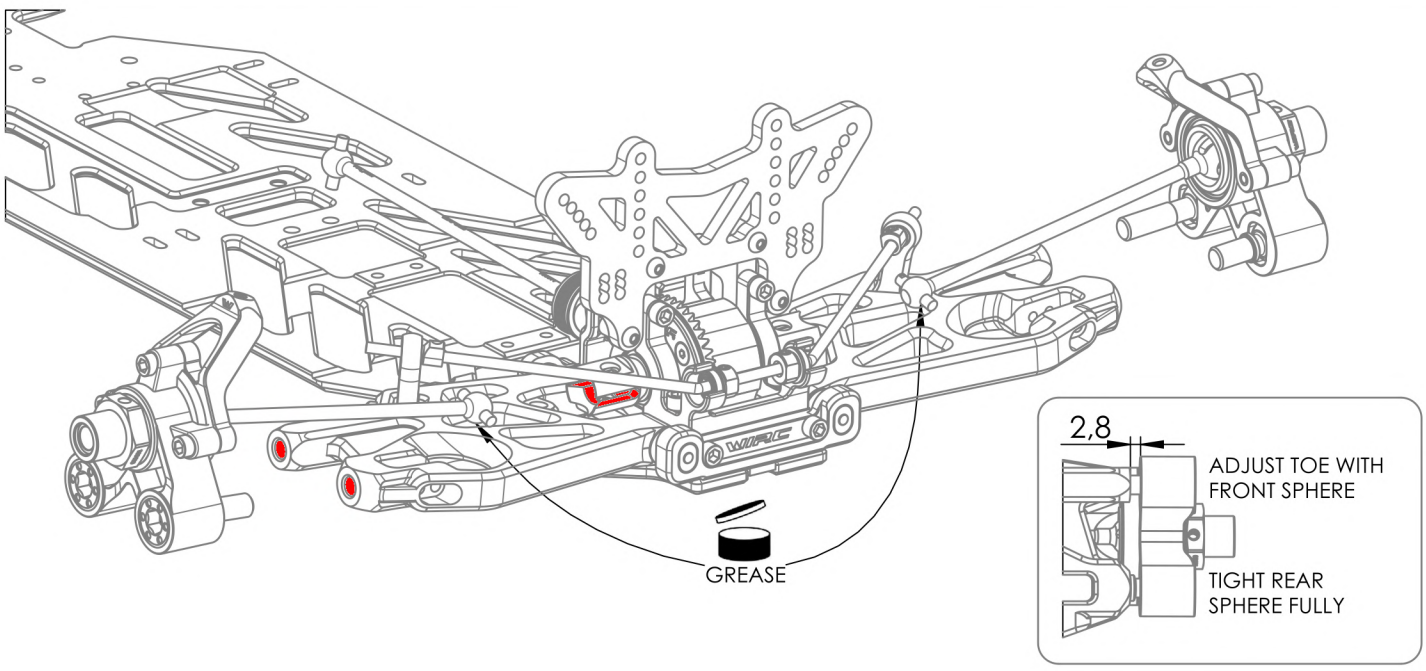
Rear Suspension



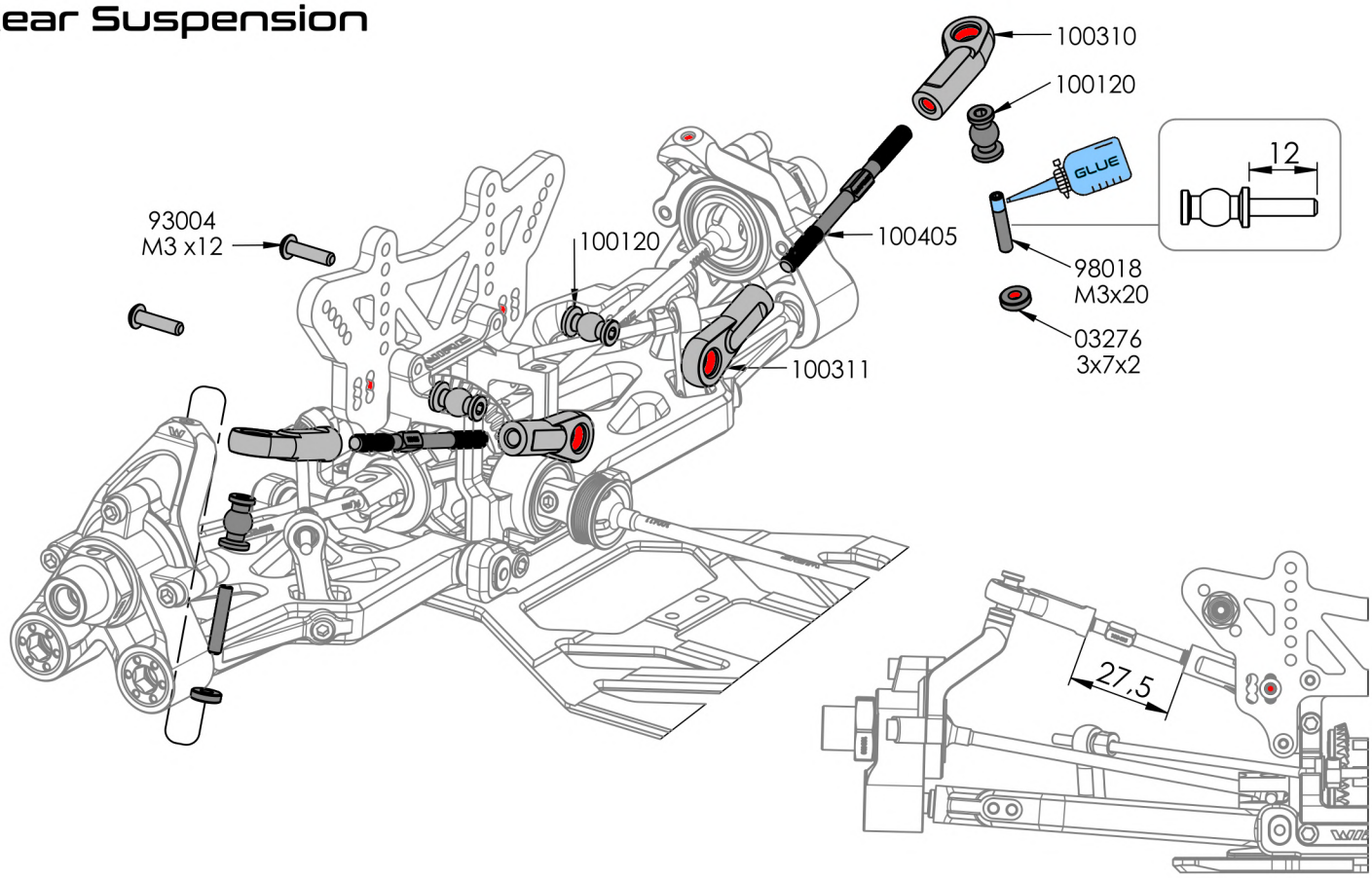
RIGHT

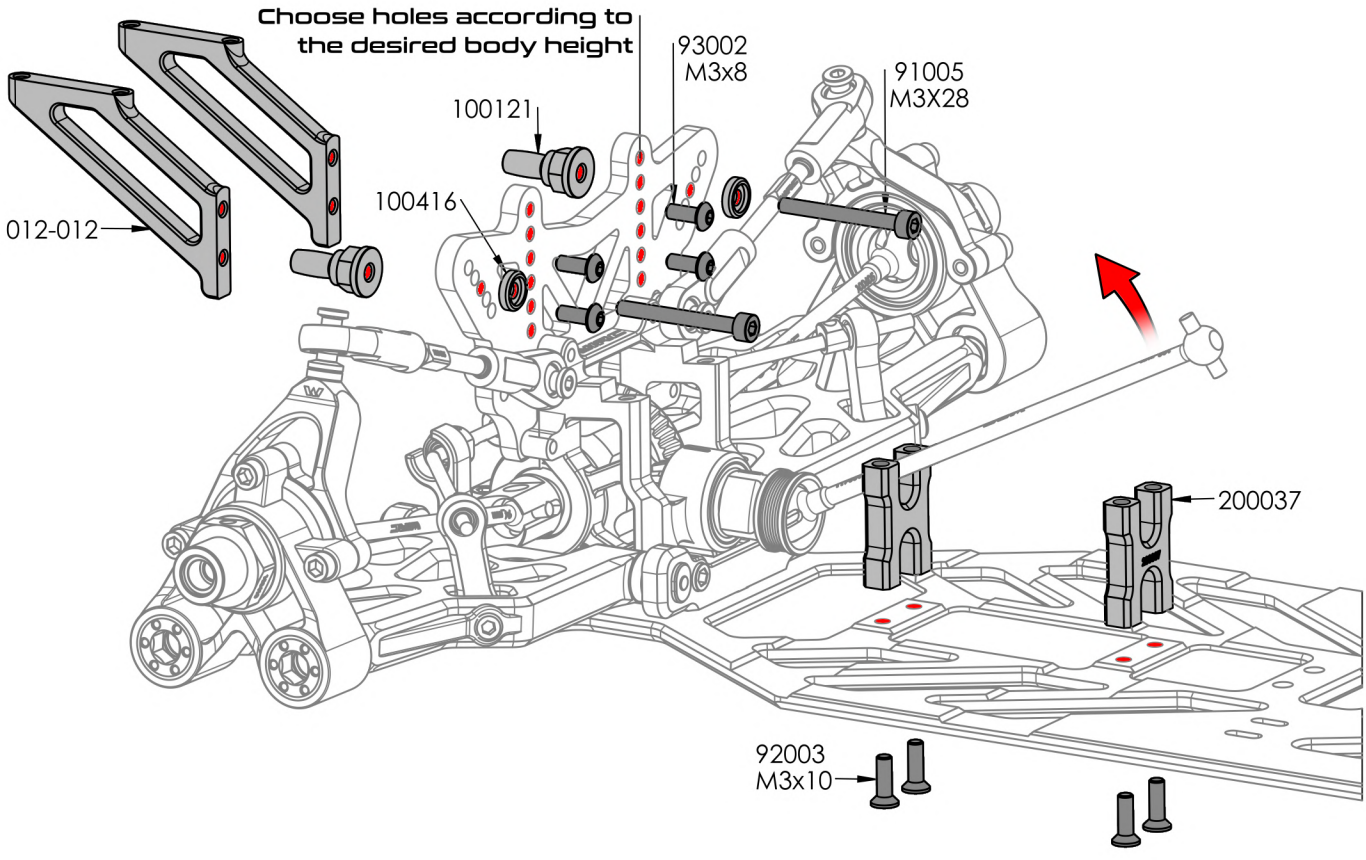
LEFT



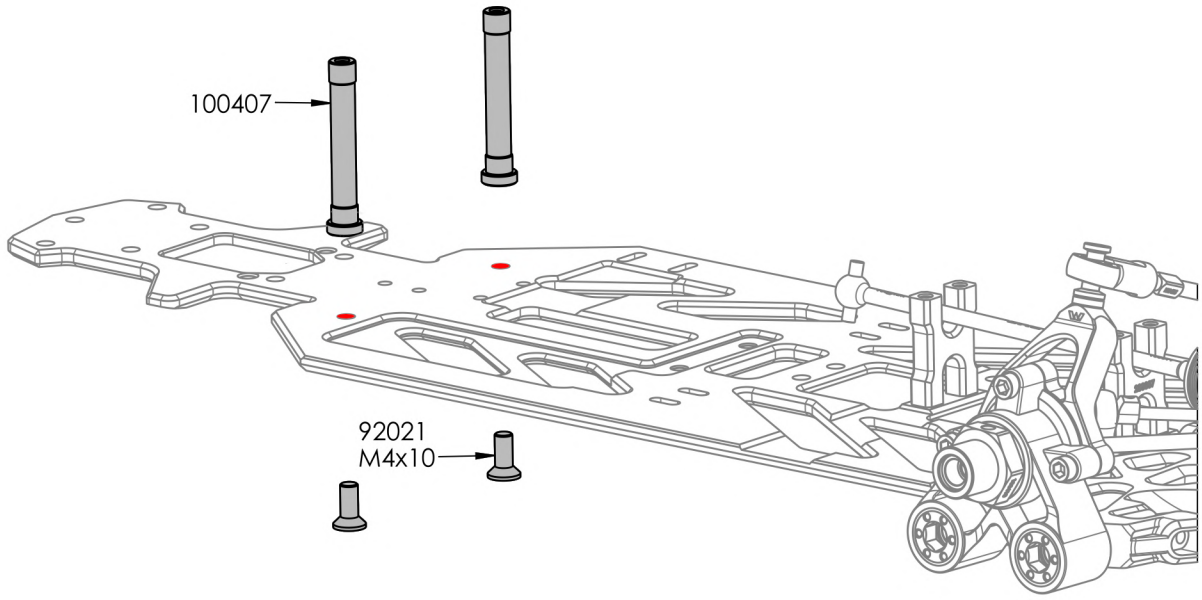


Rear Suspension

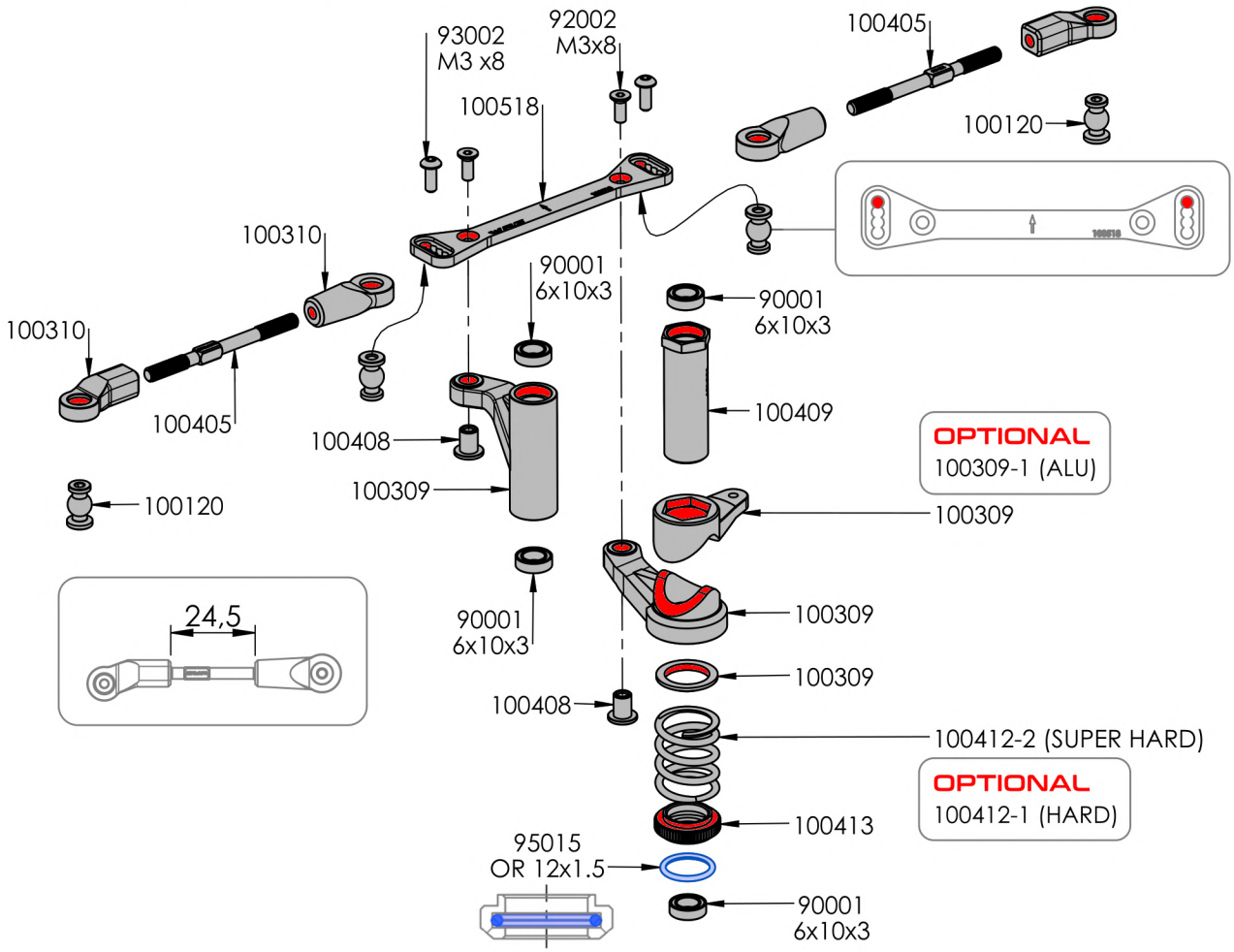




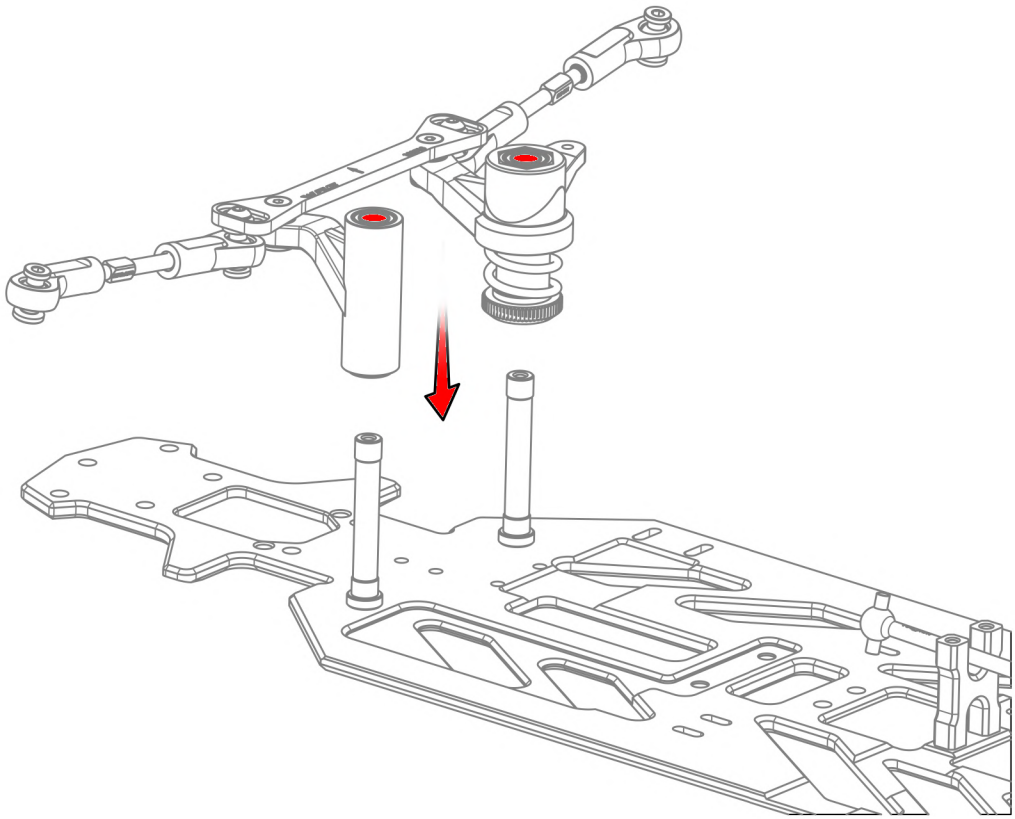
Front Assembly

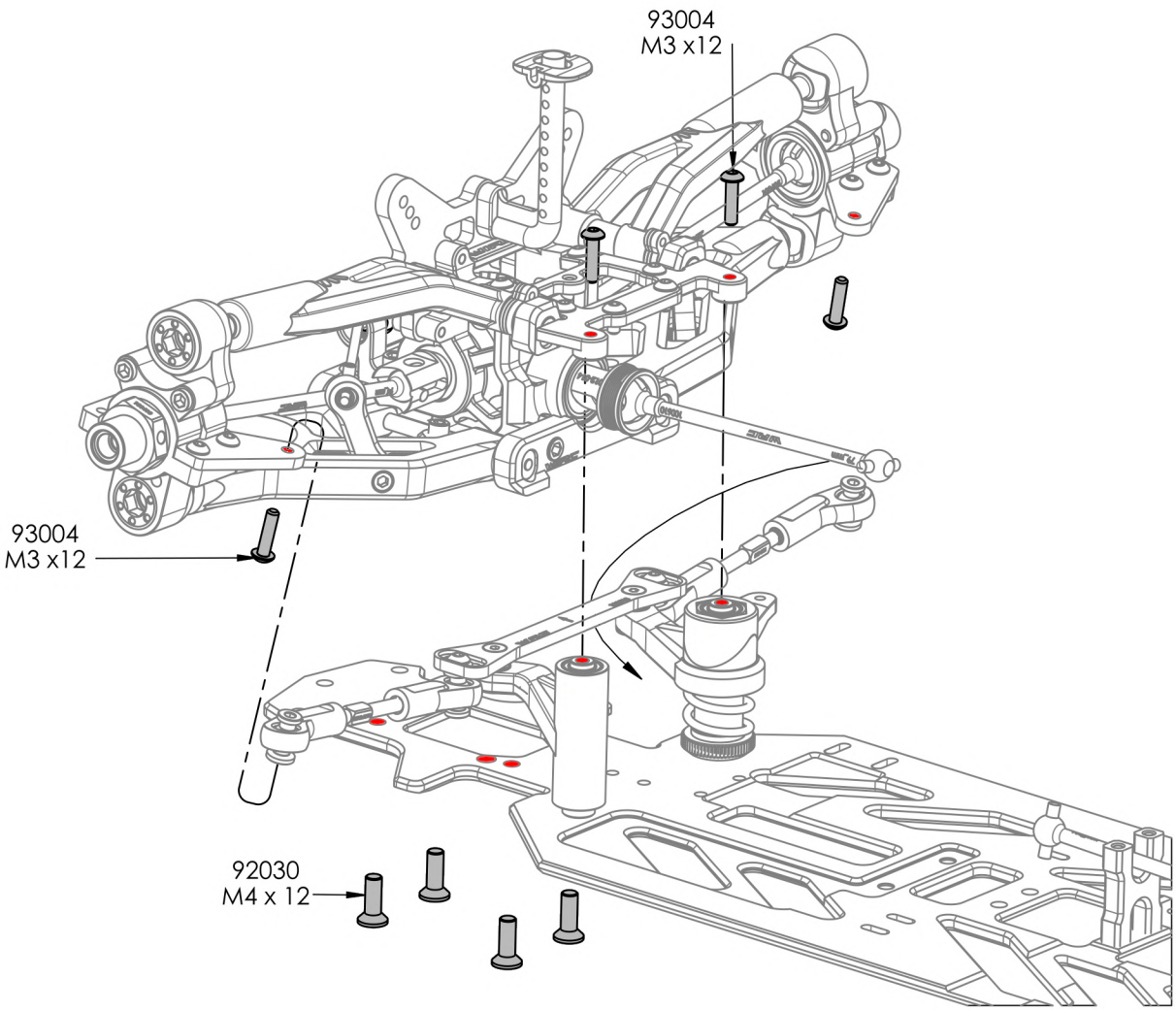


Steering Assembly

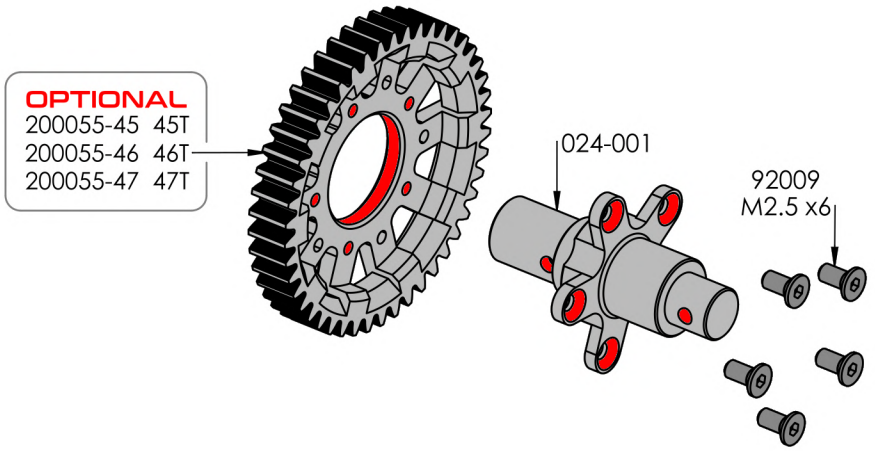


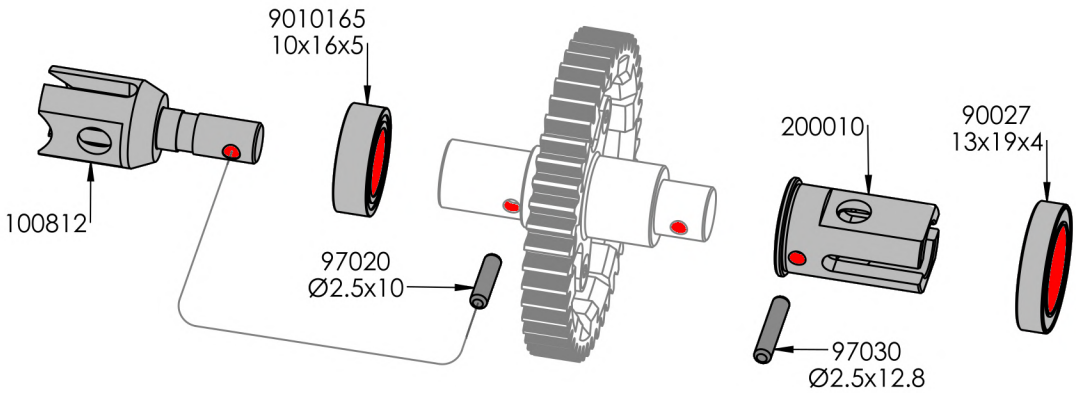
Front Assembly

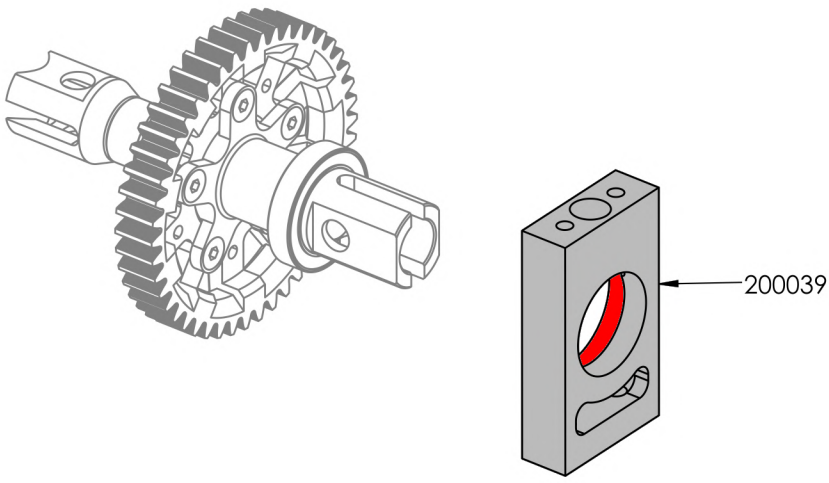




Central Transmission







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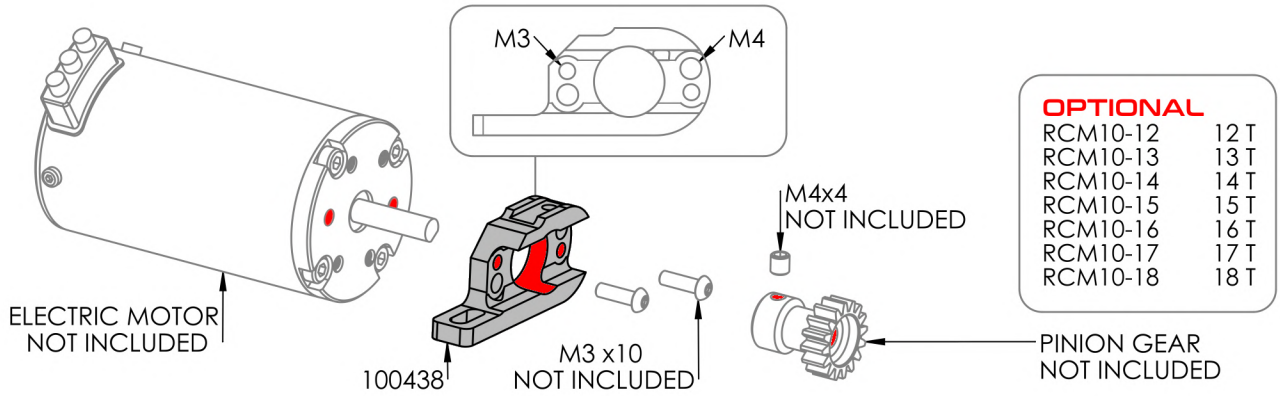
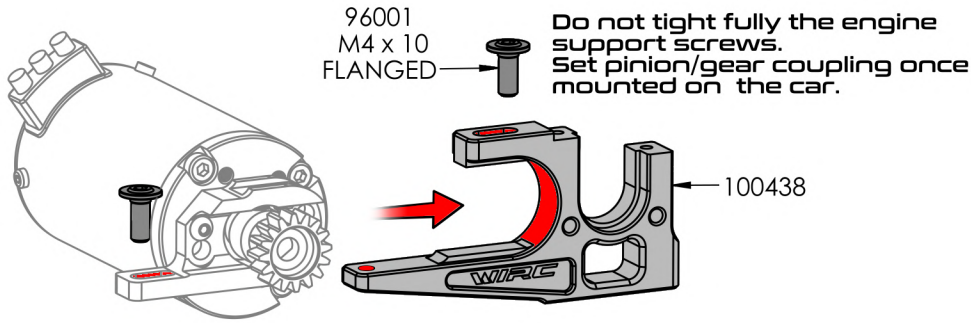
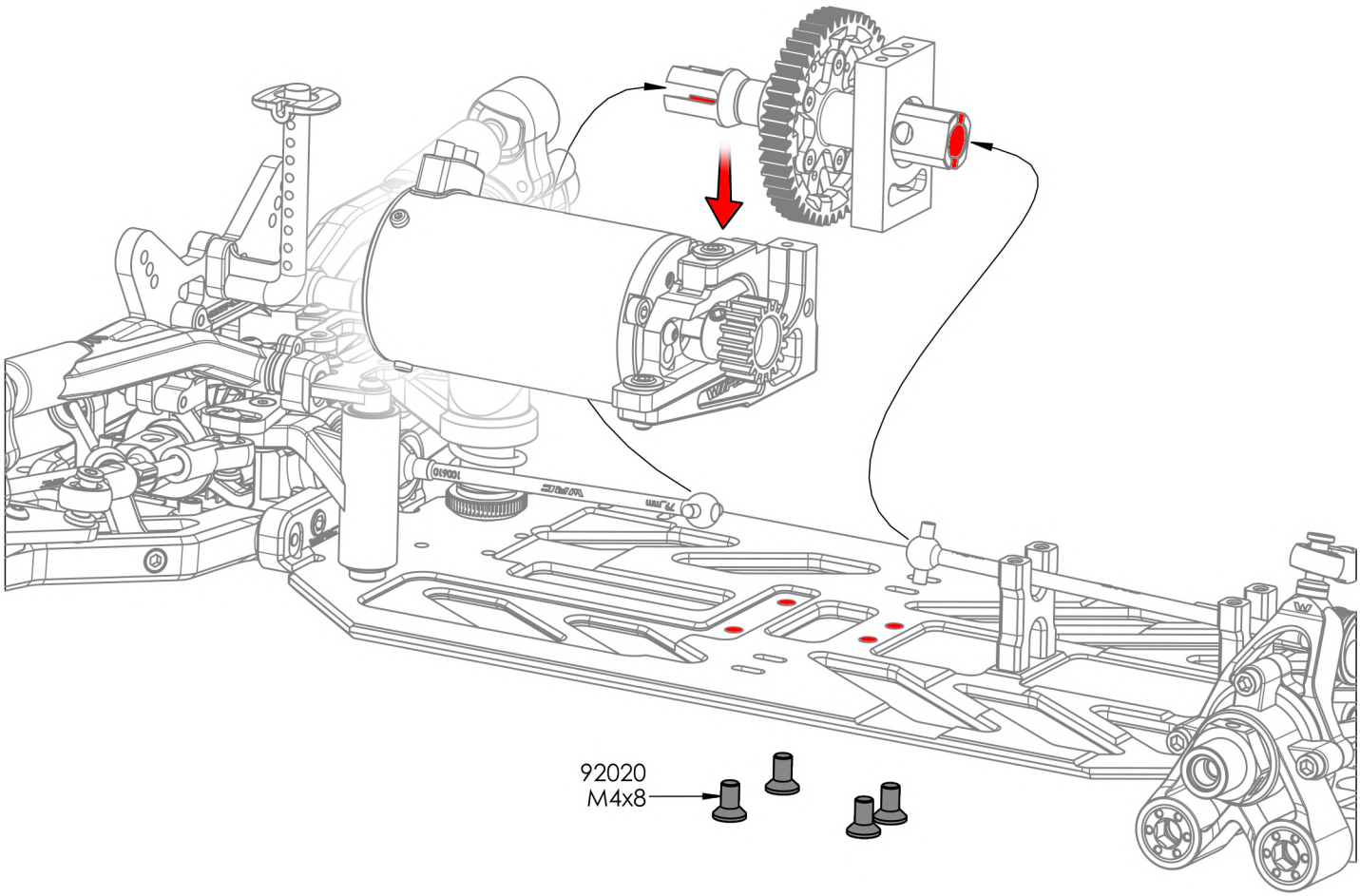
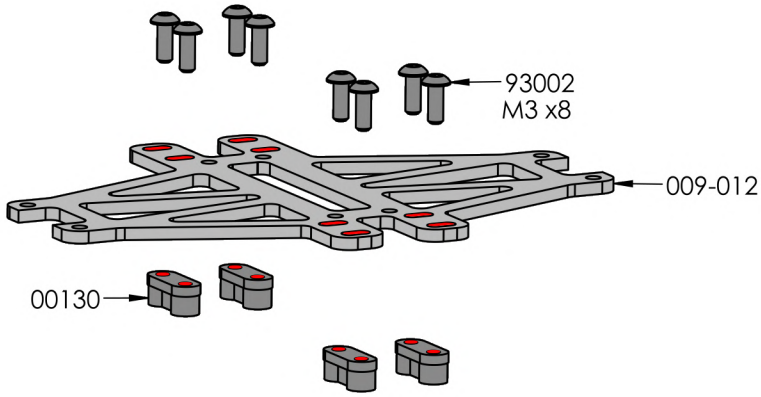
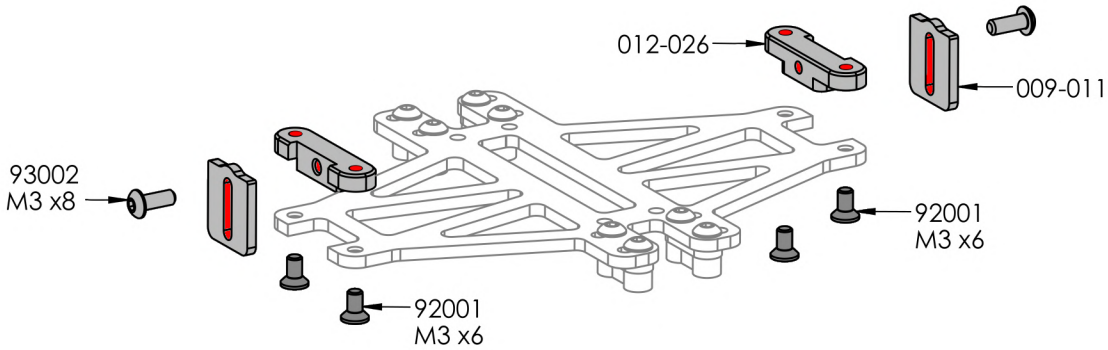


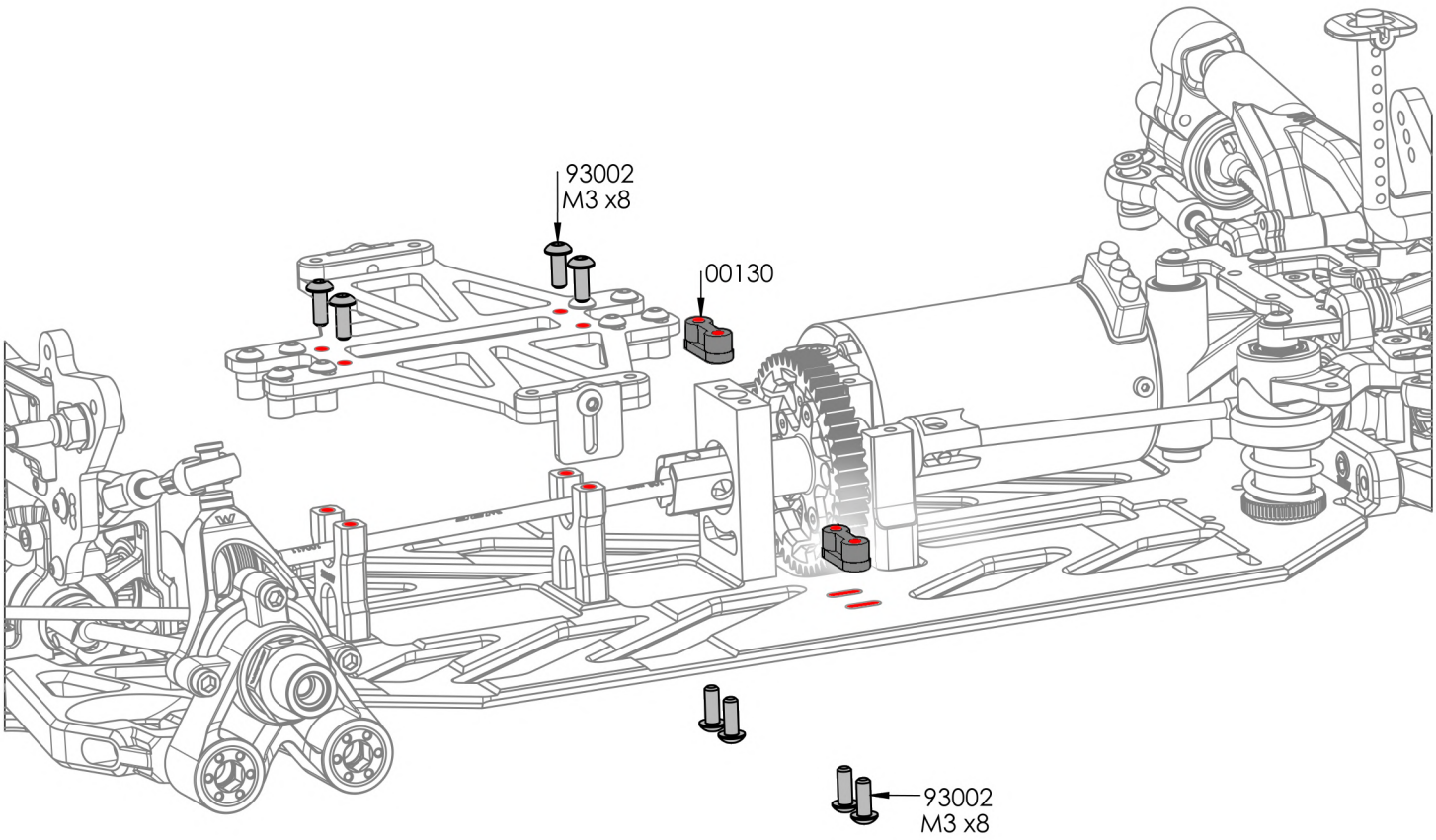




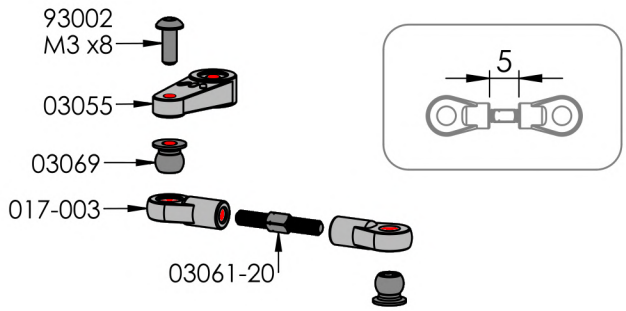
Battery Holder

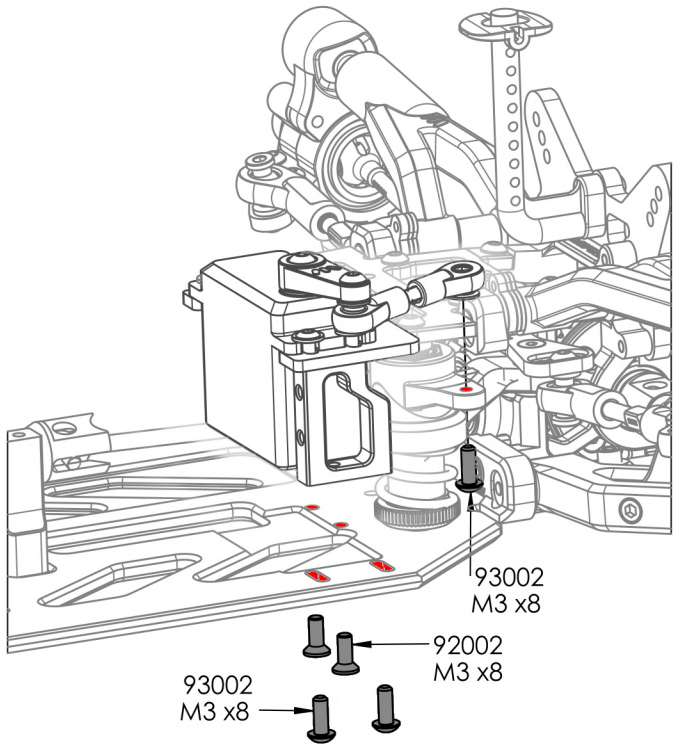


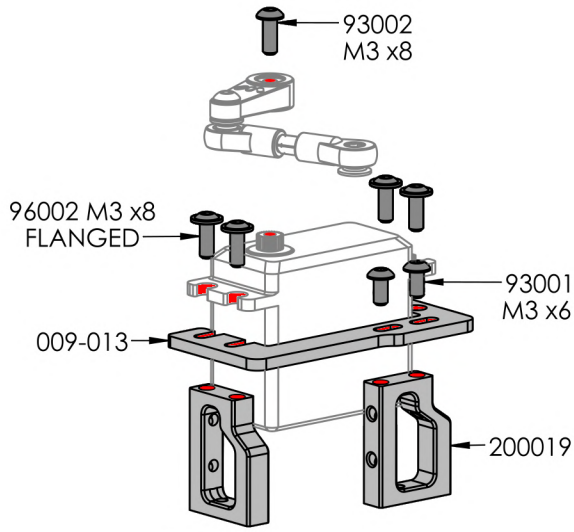


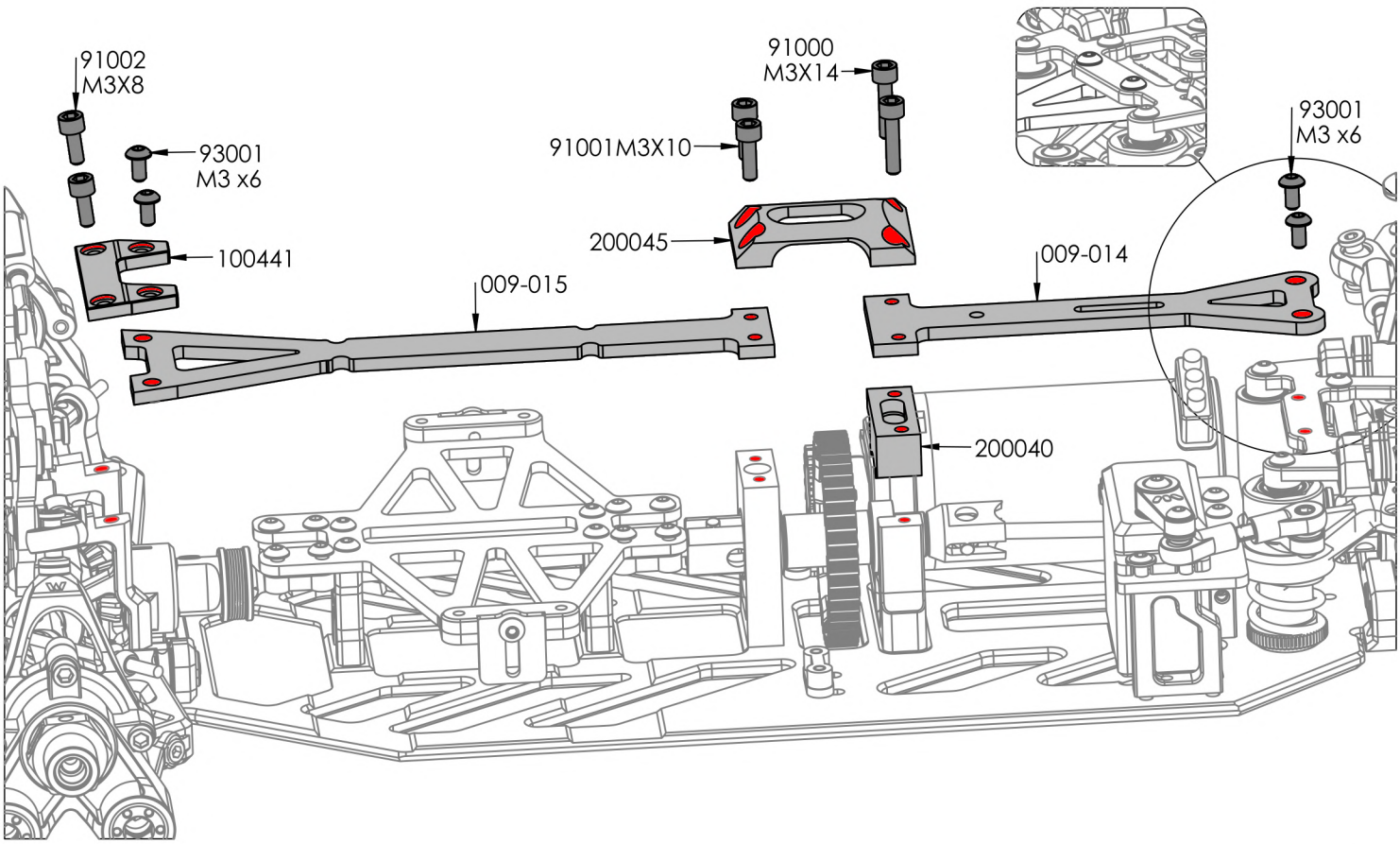


Steering Servo & Upperdeck





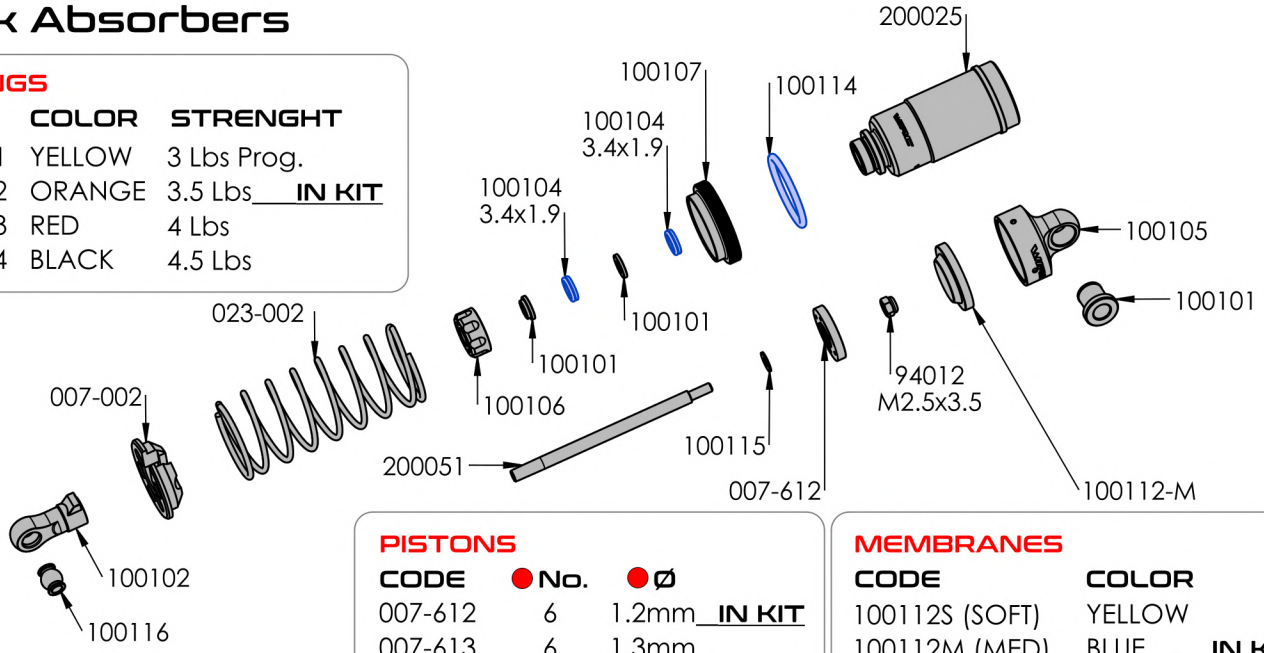




Shock Absorbers

SPRINGS

CODE	COLOR	STRENGHT
023-001	YELLOW	3 Lbs Prog.
023-002	ORANGE	3.5 Lbs IN KIT
023-003	RED	4 Lbs
023-004	BLACK	4.5 Lbs



PISTONS

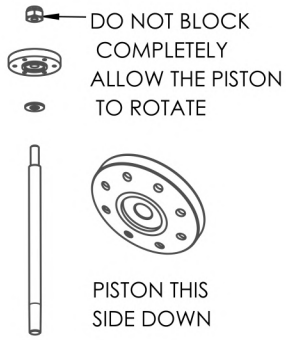
CODE	No.	Ø
007-612	6	1.2mm IN KIT
007-613	6	1.3mm
007-812	8	1.2mm
007-813	8	1.3mm

MEMBRANES

CODE	COLOR
100112S (SOFT)	YELLOW
100112M (MED)	BLUE IN KIT
100112H (HARD)	ORANGE

ASSEMBLE 4 SETS

1



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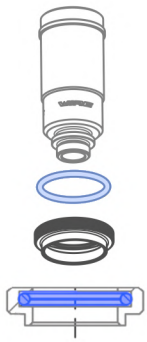

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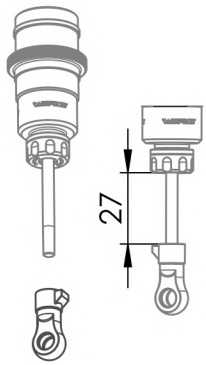


6

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.

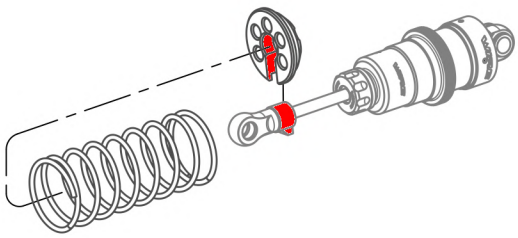
Let the oil settle and allow air bubbles to rise to the top. Slowly move the piston up and down until no more air bubbles appear.
Add shock oil as necessary.

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.

P-ONE SHOCKS OIL	
CODE	CST
SO-400	400
SO-500	500
SO-600	600
SO-700	700
SO-800	800
SO-900	900 IN KIT
SO-1000	1000

Shock Absorbers

7



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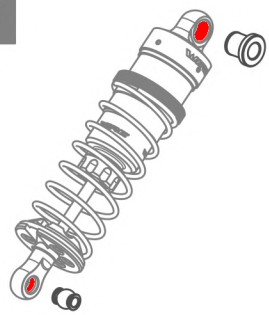
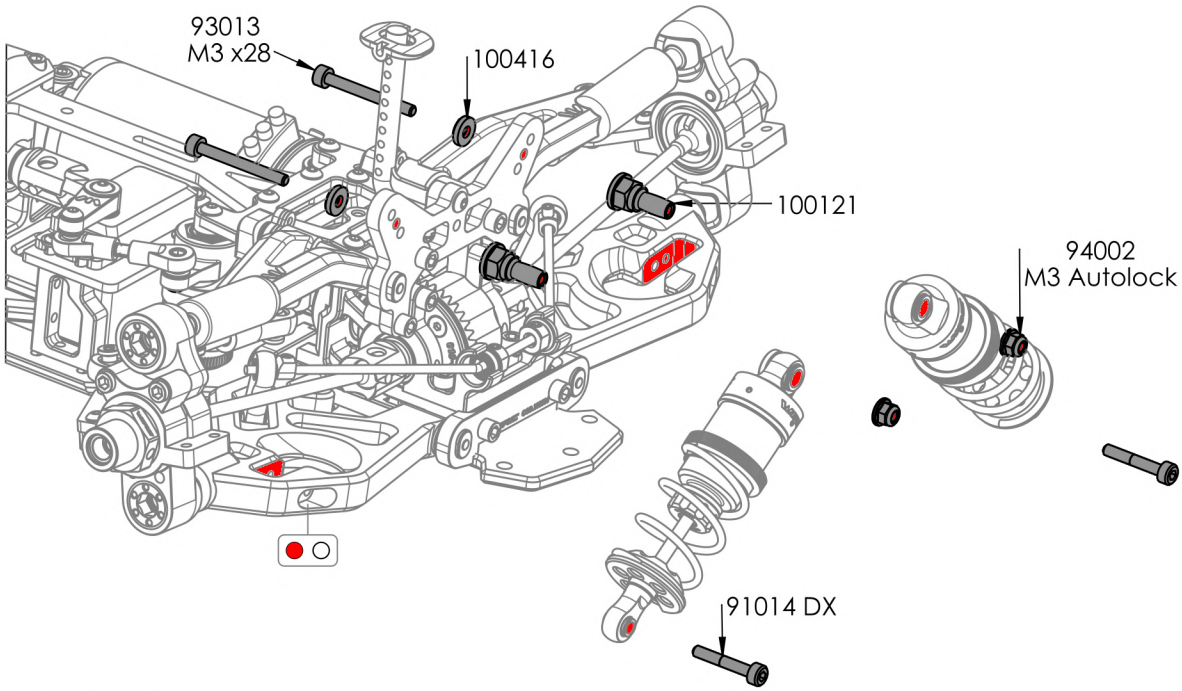
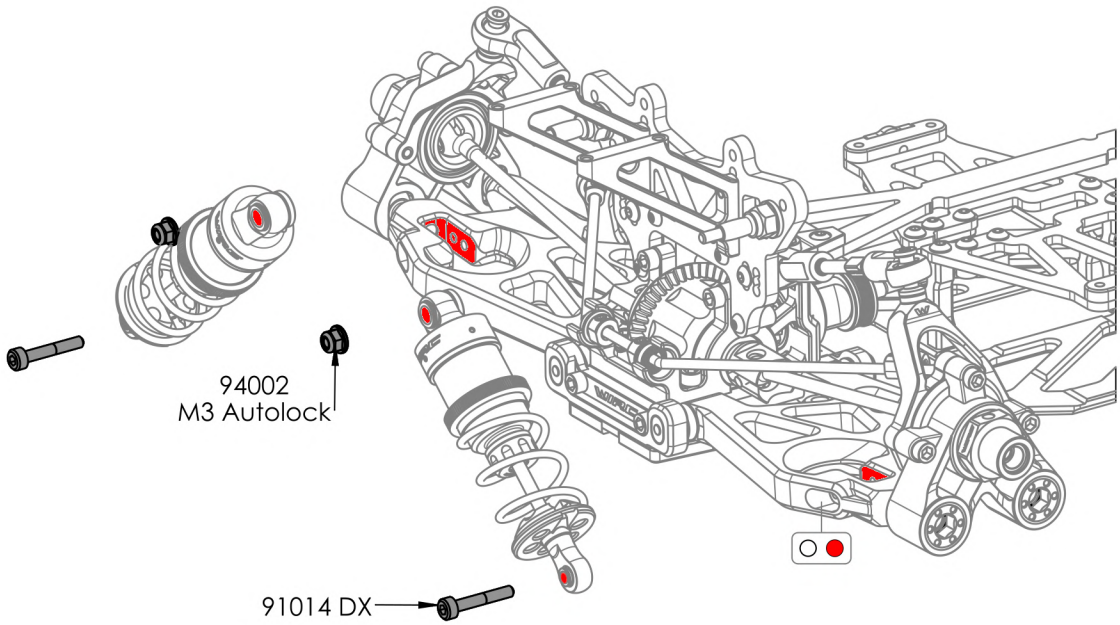


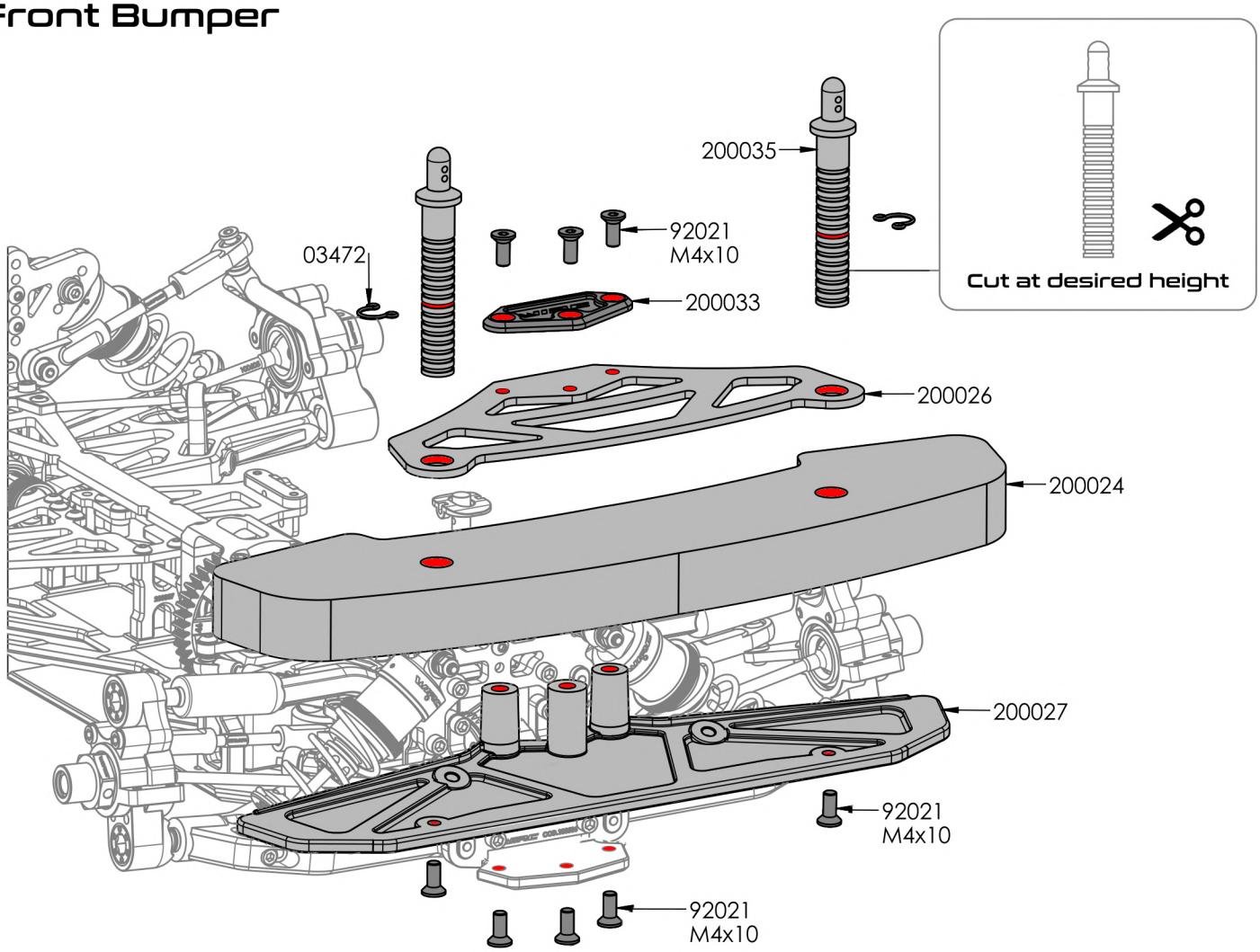


FRONT

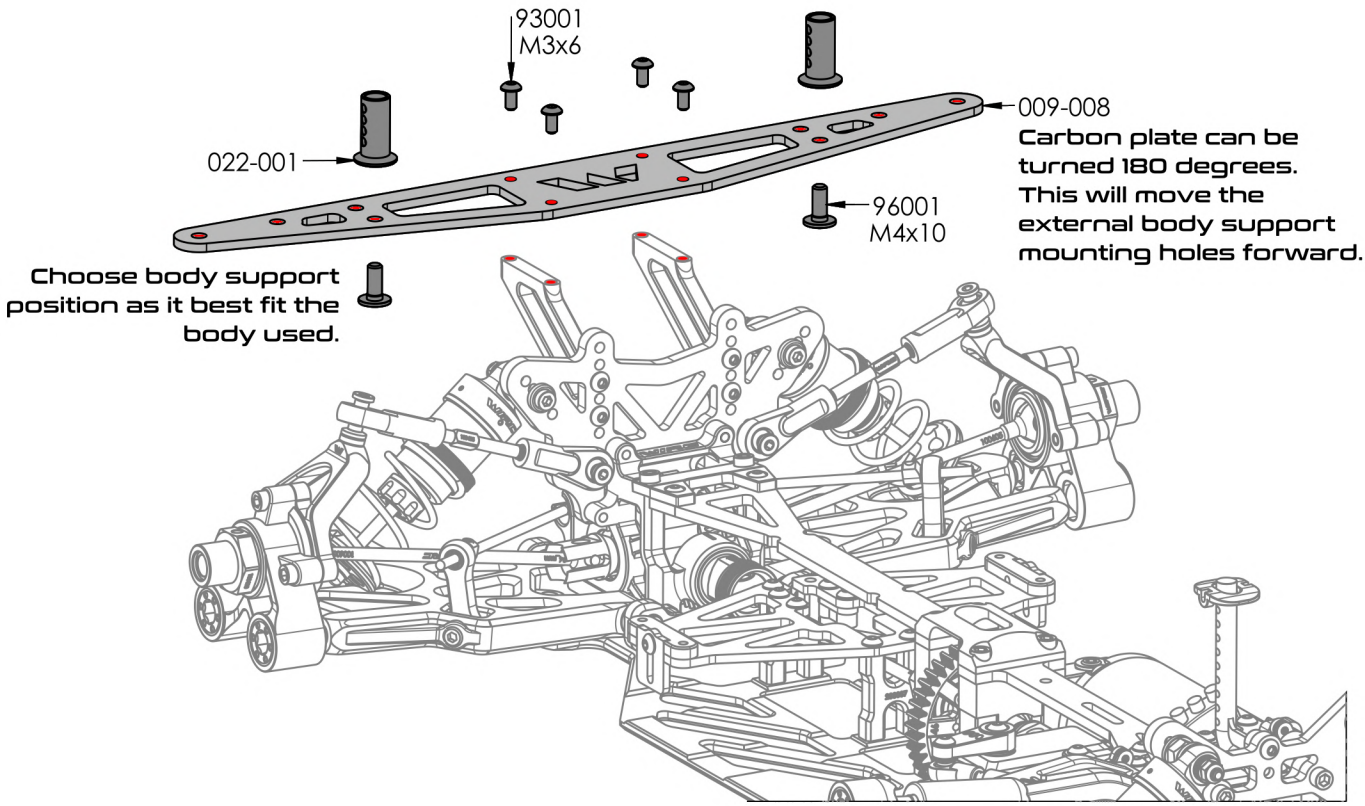
REAR



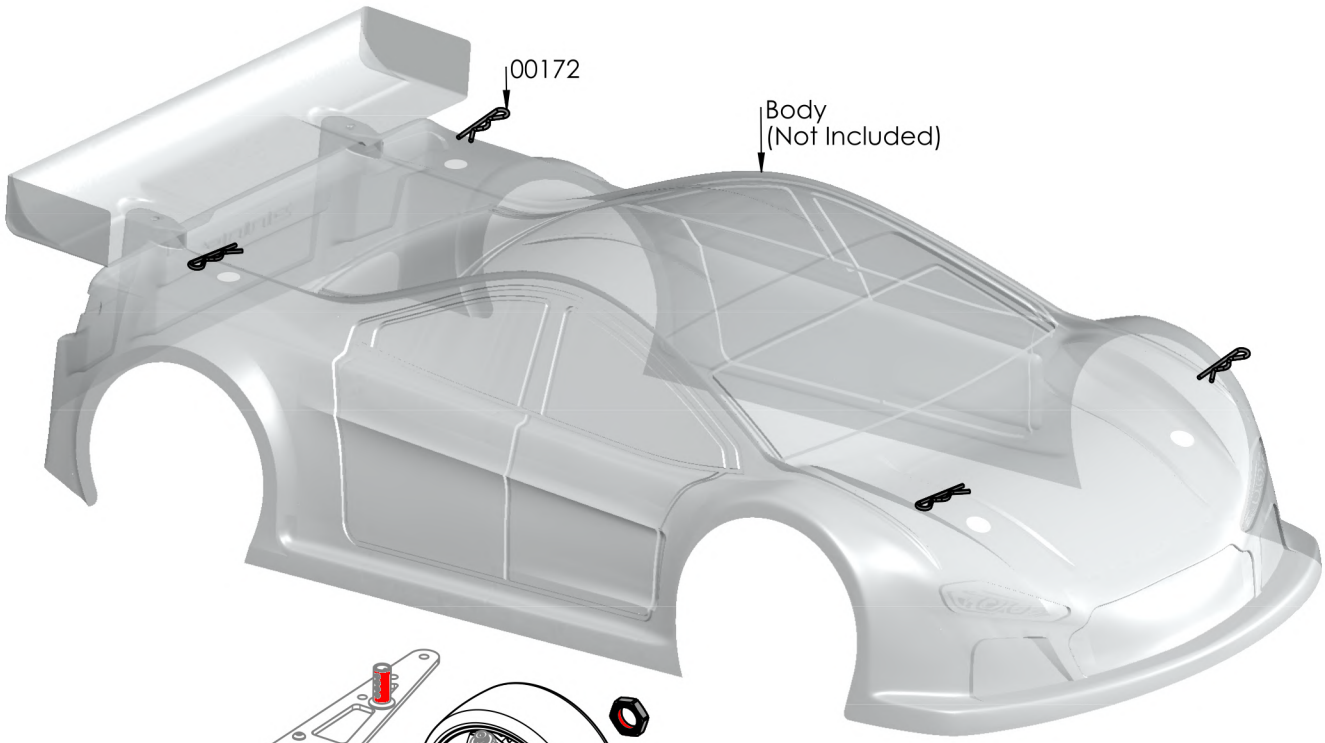
Front Bumper

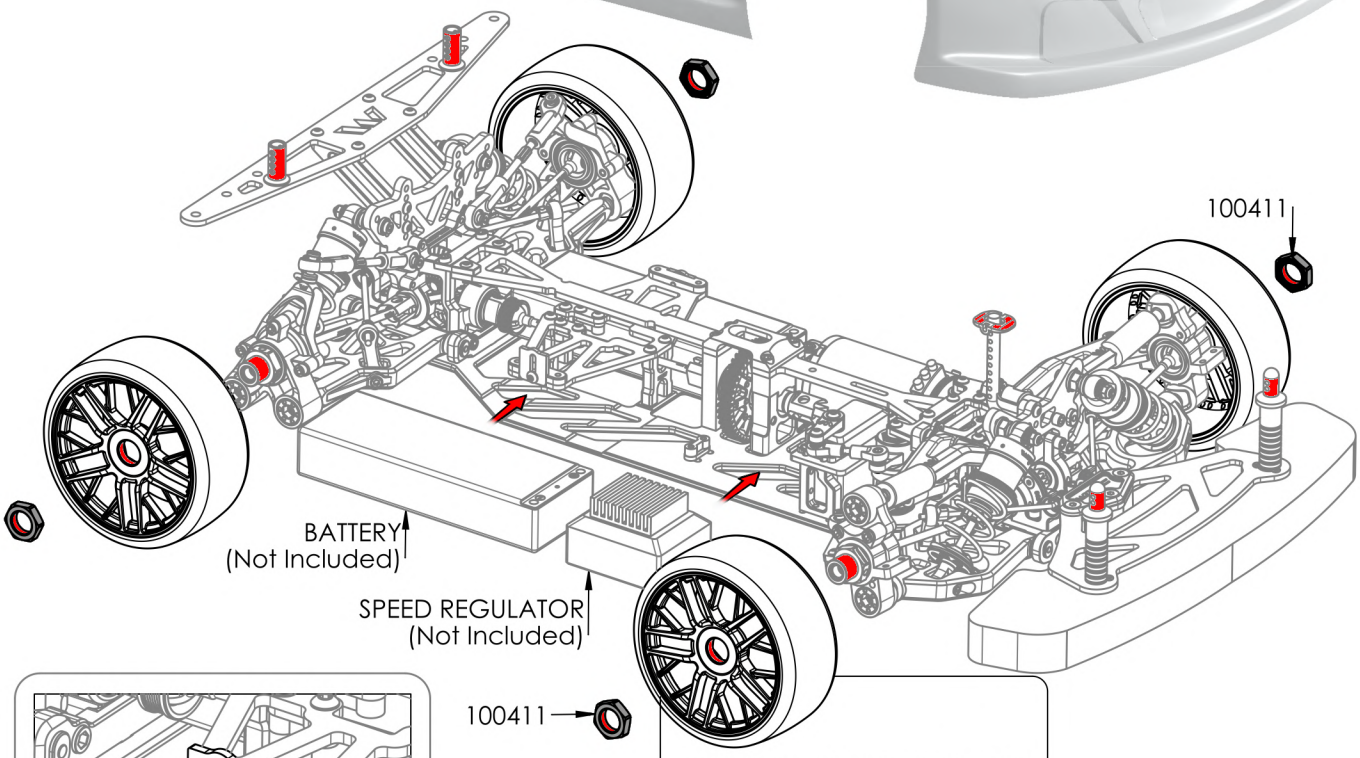


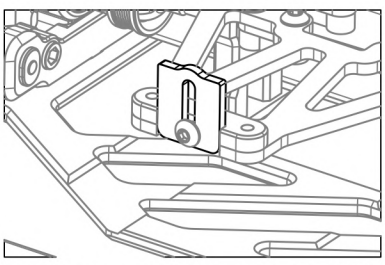
Rear Body Support



Final Assembly







SLIDE THE CARBON PLATE UP TO INSERT THE BATTERY. ONCE BATTERY IS IN PLACE SLIDE THE PLATE BACK IN POSITION AND TIGHT THE SCREW.

TYRES NOT INCLUDED

P·ONE HIGH PERFORMANCES

P-ONE PGT TYRES AVAILABLE SEPARATELY IN 3 DIFFERENT COMPOUNDS

GT4ER

SETUP SHEET

NAME _____

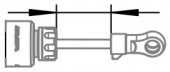
DATE _____

TRACK _____

TRACK CONDITION			
AIR TEMP:		TRACK TEMP:	
SURFACE	☐ SMOOTH	● MEDIUM	☐ BUMPY
SIZE	☐ TIGHT	● MEDIUM	☐ FAST
TRACTION	☐ LOW	● MEDIUM	☐ HIGH

GEARING	
PINION	15
SPUR GEAR	46

DIFFERENTIALS	FRONT	REAR
DIFF. TYPE:	● Std. ☐ HTS	● Std. ☐ HTS
OIL:	1000000 /cst	20000 /cst

SHOCKS	FRONT	REAR
SPRING:	Orange	Orange
OIL:	900 /cst	900 /cst
PISTON:	6x1.2	6x1.2
MEMBRANE:	Blue	Blue
REBOUND:	50 /%	50 /%
LENGTH: 	27 /mm	27 /mm

ANTI-ROLL BARS			
FRONT:	2.8 /mm	REAR:	2.5 /mm

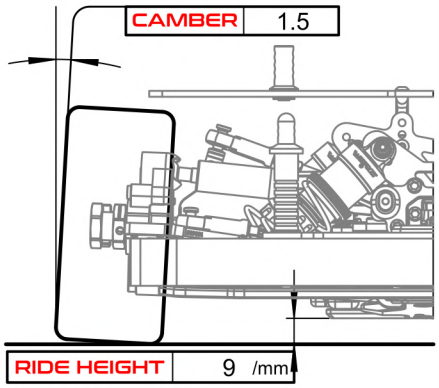
TYRES			
BRAND / TYPE:			
COMPOUND:	FL		FR
	RL		RR

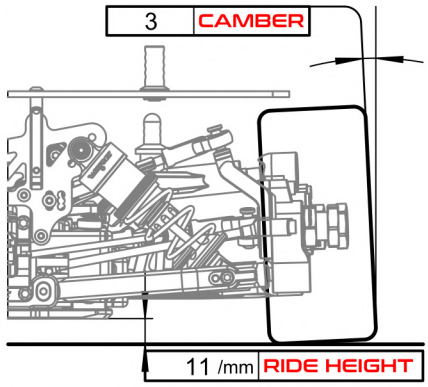
ELECTRONICS	
MOTOR:	
SPEEDO:	
BATTERY:	

BODY	
BRAND / TYPE:	
WING HEIGHT:	/mm

CAR WEIGHT	3500 /g

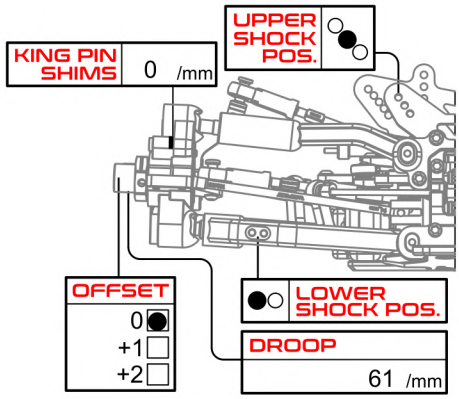
COMMENTS

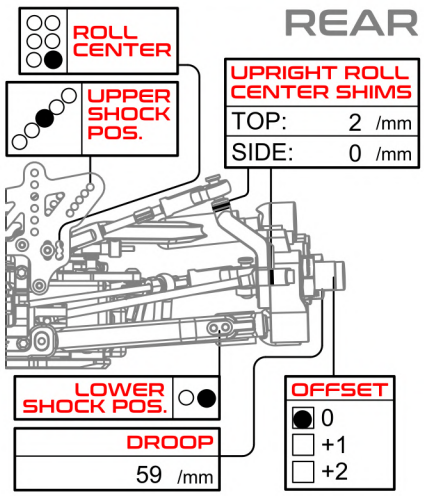


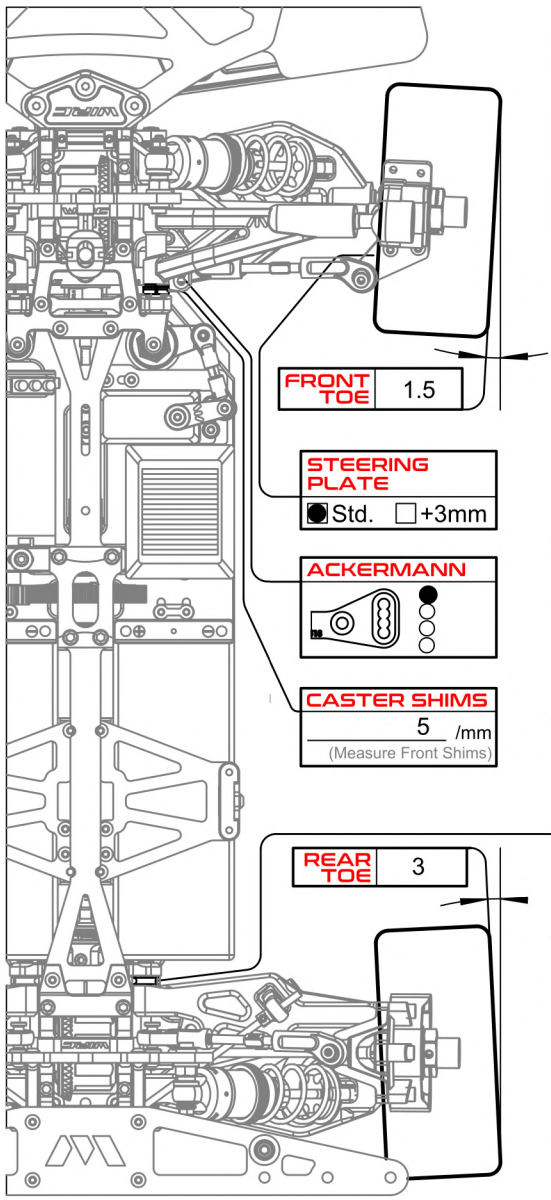


FRONT

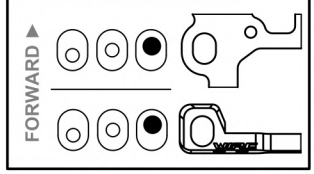
REAR



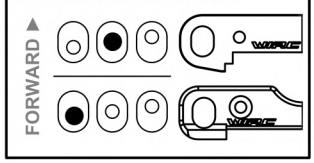




FRONT UPPER ROLL CENTER



FRONT LOWER ROLL CENTER



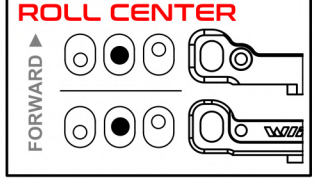
ARMS MATERIAL	S	M	H
UPPER FRONT	☐	☐	●
LOWER FRONT	☐	☐	●
LOWER REAR	☐	☐	●

WEIGHTS	
FRONT:	/g
REAR:	/g

WHEELBASE

☐ SHORT (-3mm)
● MEDIUM
☐ LONG (+3mm)

REAR LOWER ROLL CENTER



GT4ER

SETUP SHEET

NAME _____

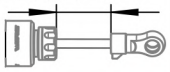
DATE _____

TRACK _____

TRACK CONDITION			
AIR TEMP:		TRACK TEMP:	
SURFACE	☐ SMOOTH	☐ MEDIUM	☐ BUMPY
SIZE	☐ TIGHT	☐ MEDIUM	☐ FAST
TRACTION	☐ LOW	☐ MEDIUM	☐ HIGH

GEARING	
PINION	
SPUR GEAR	

DIFFERENTIALS	FRONT	REAR
DIFF. TYPE:	☐ Std. ☐ HTS	☐ Std. ☐ HTS
OIL:	/cst	/cst

SHOCKS	FRONT	REAR
SPRING:		
OIL:	/cst	/cst
PISTON:		
MEMBRANE:		
REBOUND:	/%	/%
LENGTH: 	/mm	/mm

ANTI-ROLL BARS			
FRONT:	/mm	REAR:	/mm

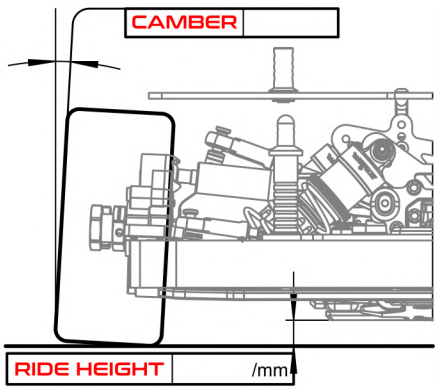
TYRES				
BRAND / TYPE:				
COMPOUND:	FL			FR
	RL			RR

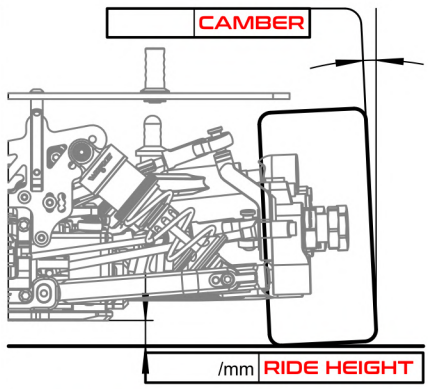
ELECTRONICS	
MOTOR:	
SPEEDO:	
BATTERY:	

BODY	
BRAND / TYPE:	
WING HEIGHT:	/mm

CAR WEIGHT	/g

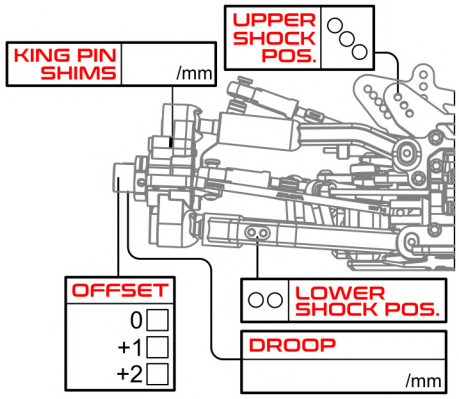
COMMENTS

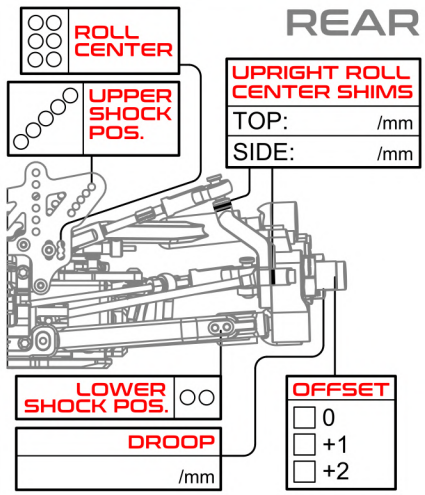


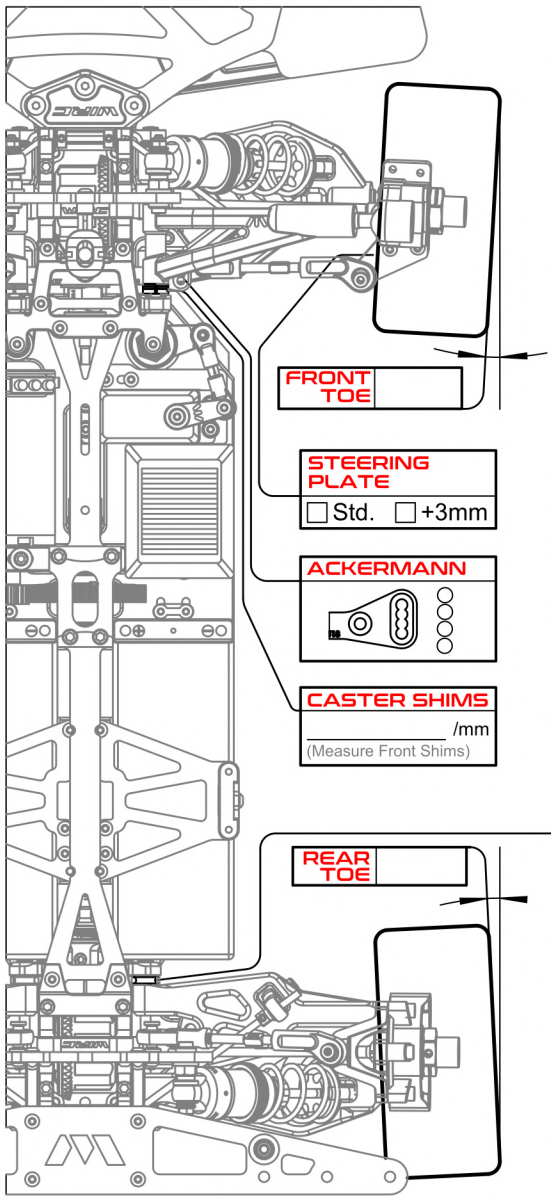


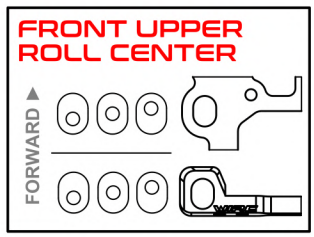
FRONT

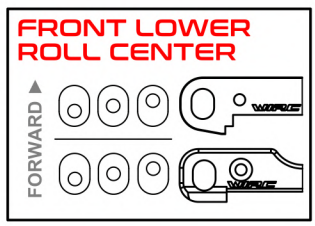
REAR







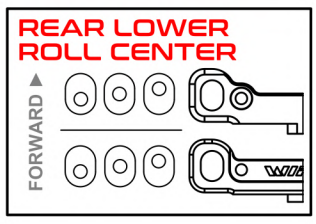




ARMS MATERIAL	S	M	H
UPPER FRONT	☐	☐	☐
LOWER FRONT	☐	☐	☐
LOWER REAR	☐	☐	☐

WEIGHTS	
FRONT:	/g
REAR:	/g

WHEELBASE
☐ SHORT (-3mm)
☐ MEDIUM
☐ LONG (+3mm)



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