

SERIES

1/12 SERIES MONSTER TRUCK

175MM

210MM

PRECAUTIONS FOR SAFE ENJOYMENT OF YOUR R/C CAR

PRECAUTIONS FOR SAFE ENJOYMENT OF YOUR R/C CAR

For children under the age of 13, parental guidance is recommended when running.

ASSEMBLY PRECAUTIONS

- Do not assemble around small children. The parts can be dangerous if accidentally swallowed.
- Check the contents carefully before assembly. Please contact Customer Support if you happen to notice any defective or missing items.
- You will find the assembly process much easier by carefully reading through the manual, and familiarizing yourself with the instructions.
- Many different tools are required during assembly. For safety purposes, please use suitable tools. Exercise extra caution when using a sharp tool such as a hobby knife.
- Many different materials are used for the parts. Use extra care when handling parts with sharp edges, such as machined metal parts.
- When cutting plastic parts, watch for any flying parts.
- Try to assemble any rotating parts or drivetrain parts as smooth as possible.
- Bundle wires neatly away from the ground or any moving drivetrain components. Make sure that all wires are properly connected to prevent shorting.
- Unnecessary modifications may be unsafe and hinder performance.

PRECAUTIONS BEFORE RUNNING

- R/C cars some models may exceed speeds of 40km per hour. Practice common sense and run the car in open safe places, or R/C car tracks.
- Do not run the car on public roads with high amounts of traffic, or in areas that may cause an inconvenience to people in that area.
- R/C cars are controlled using a radio frequency. In a worst-case scenario. Radio interferences may cause loss of control.
- If others near you are running R/C cars, confirm that they are not running on the same frequency.
- R/C cars do not like water. Avoid running on rainy days, or areas with water puddles. Exposure of the electronics to water may cause loss of control or damage to the electronics.
- The drivetrain of an R/C car consists of many moving parts like gears, shafts, and tires. Avoid touching these areas when the battery is connected.
- Many parts of an R/C car will become hot after running. Allow the parts to sufficiently cool before conducting any maintenance.

BEGINNING A RUN

1. Place the R/C car on a stand so the wheels are off the ground.
2. Confirm that the speed controller switch is OFF, and connect the motor and battery.
3. Extend the transmitter antenna and turn the switch ON. (It is unsafe to use a transmitter with low voltage. Make sure that the transmitter batteries are good before running)
4. Turn the speed controller switch ON.

FINISHING A RUN

1. Turn the speed controller switch OFF.
2. Disconnect the battery.
3. Turn the transmitter switch OFF, and retract the antenna.

BATTERY USAGE

(Carefully read the instruction included with the batteries.)

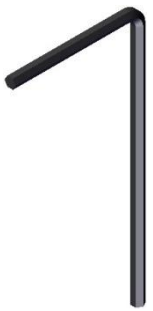
- When charging batteries, make sure that the surrounding area is void of anything highly flammable. Also avoid charging in high-temperature locations.
- When charging batteries, frequently monitor the charging it catch on fire. If the battery reaches 50 degrees Celsius or more, stop charging.
- Batteries will become hot after running. Continuous use of the battery pack may result in damage to the cells. Allow the battery to cool down before re-charging. Using a battery conditioner after running may prolong the life and performance of the battery.
- Please do not discard old battery packs in the trash. Although inconvenient, please locate a battery disposal center.

MOTOR USAGE

(Carefully read the instruction included with the motor.)

- Connecting a 7.2V battery directly to the motor can be very dangerous.
- Choose a gear ratio that matches the power characteristics of the motor. Using a gear ratio unsuited to the characteristics of the motor will not only prevent the motor from performing at its optimum, but may even cause damage to the other electronics.
- Motors will generally become very hot after running. Continuous running will reduce the life of the motor. Allow the motor to sufficiently cool between each run.

TOOLS REQUIRED



1.5mm



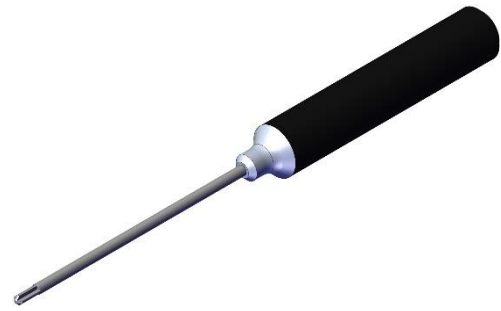
2.0mm



2.5mm

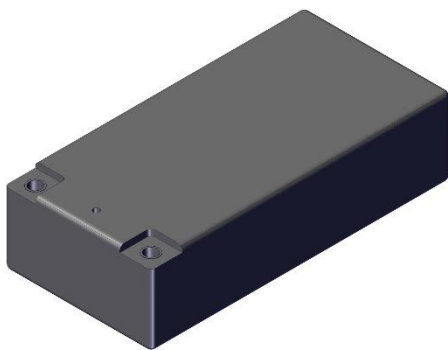


Socket Wrench

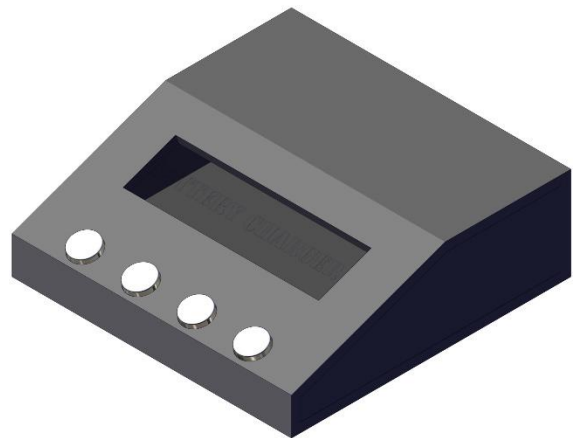


Phillips Screwdriver
(Not included)

EQUIPMENT REQUIRED



Battery
(Not included)



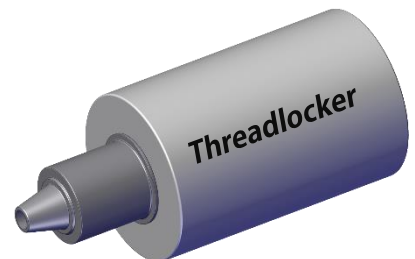
Battery Charger
(Not included)



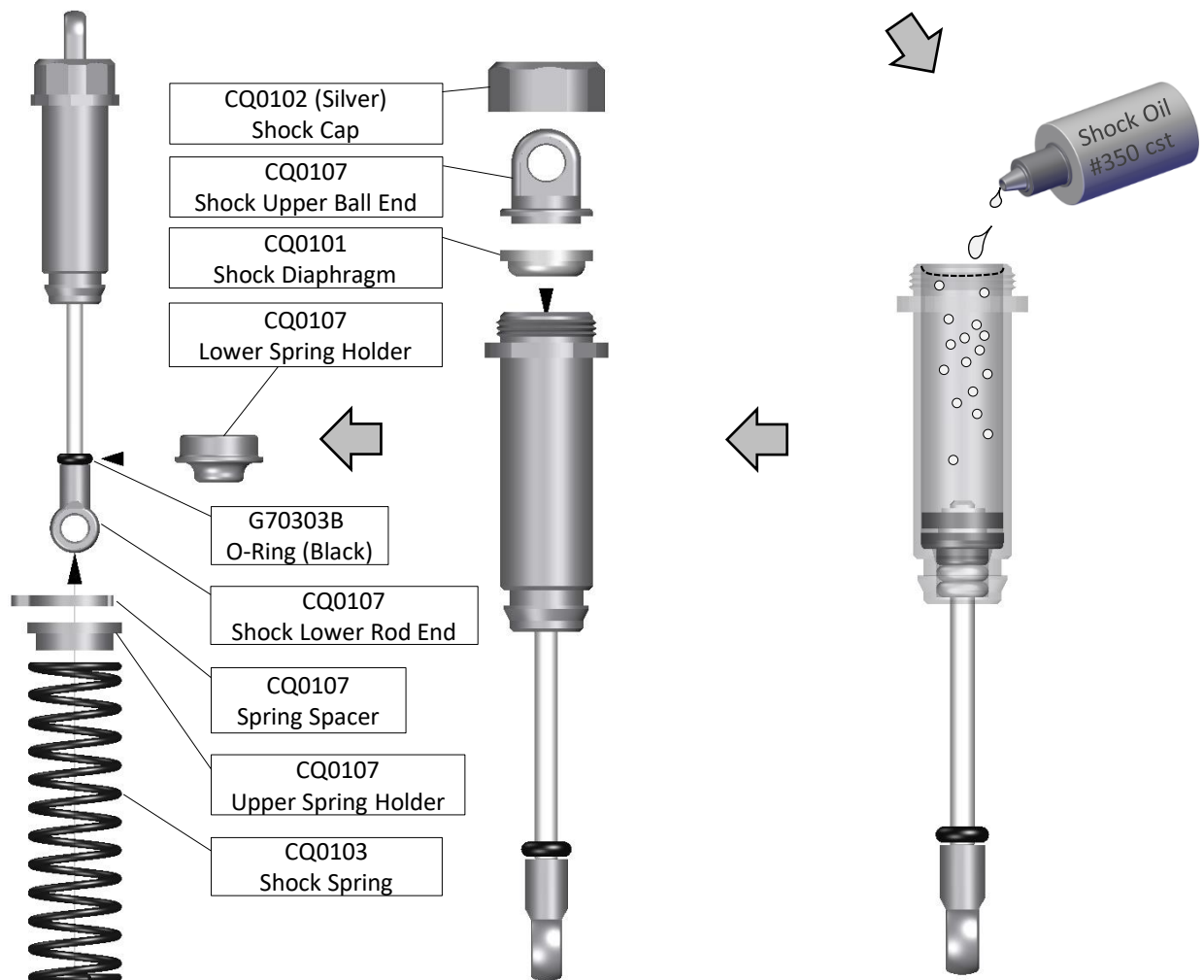
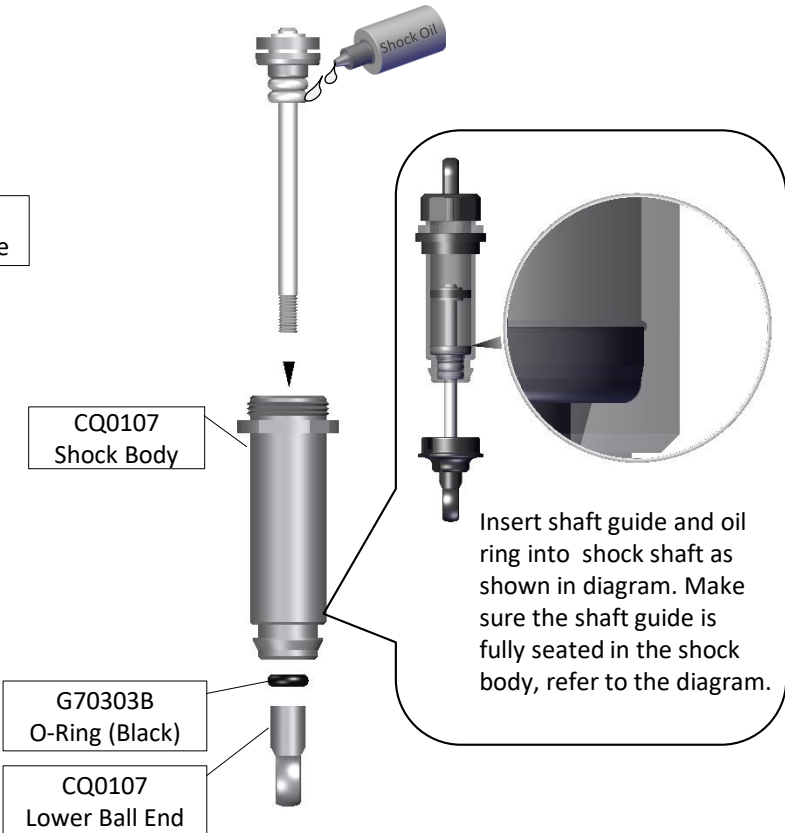
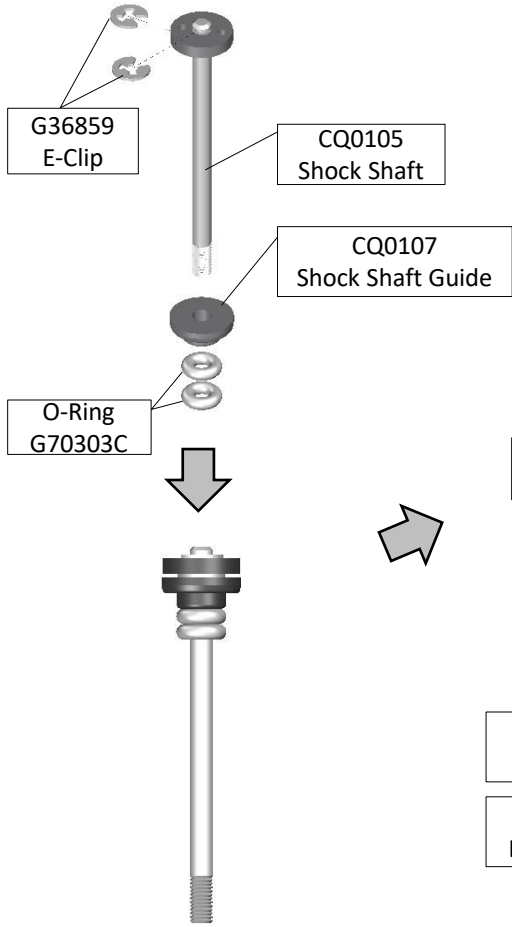
Gears Grease
(Not included)



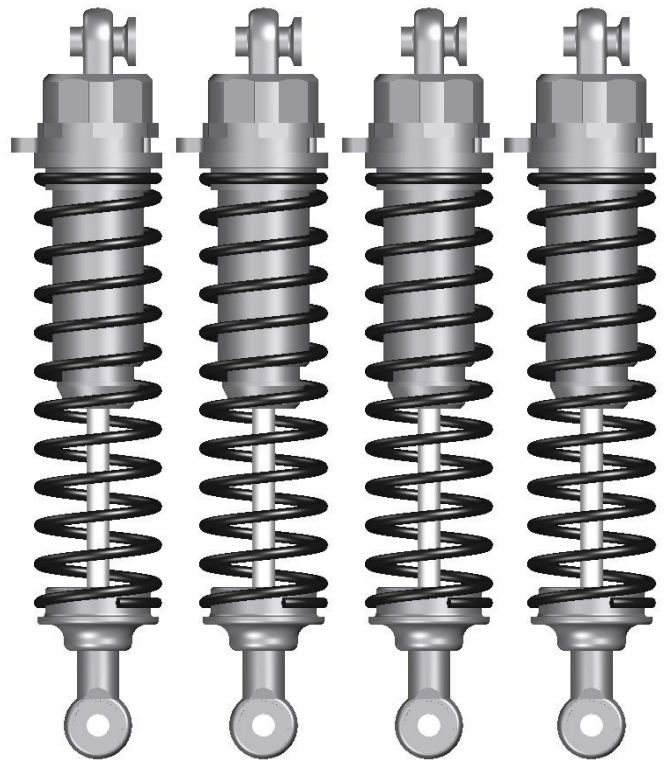
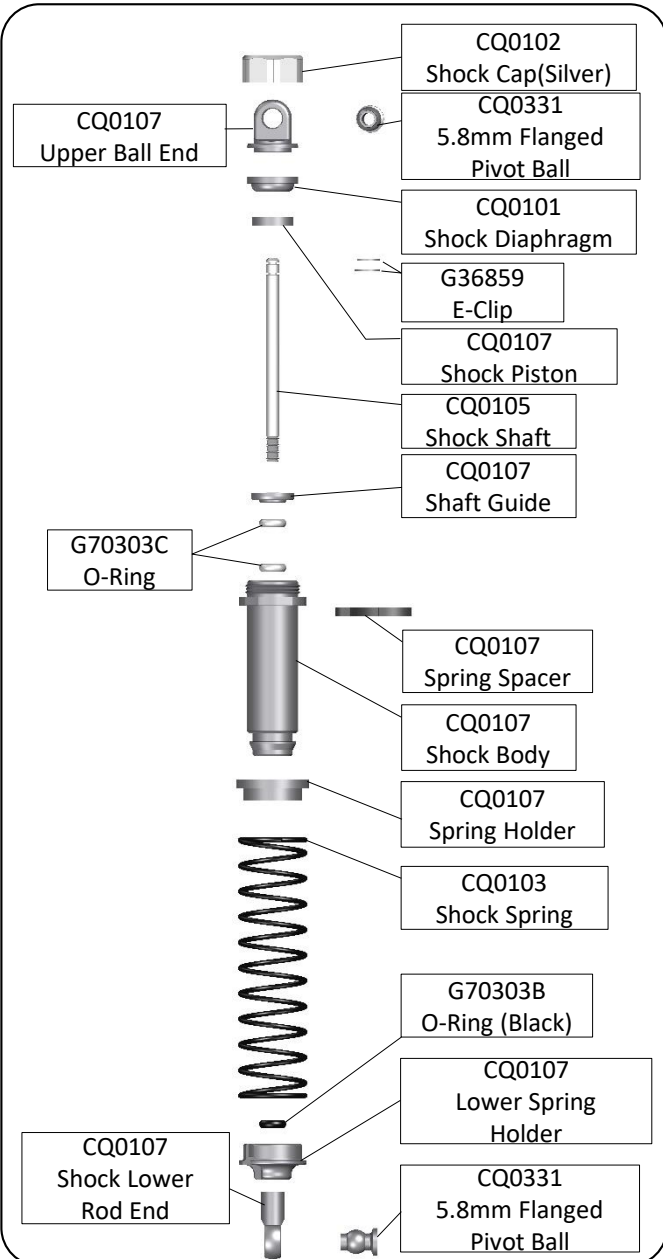
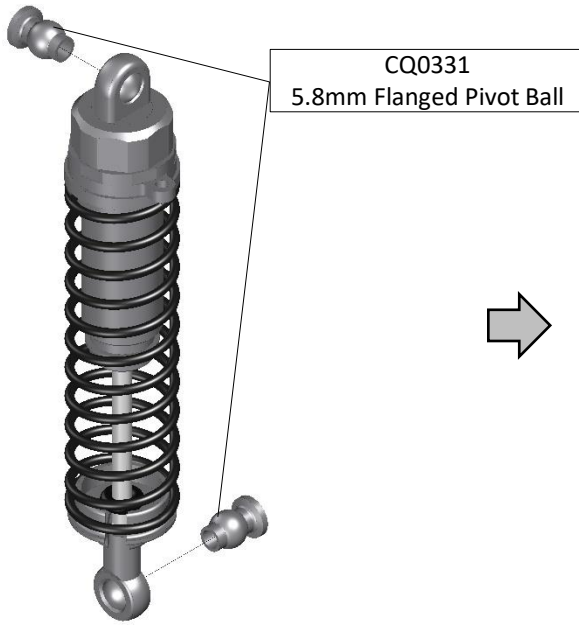
Silicon Oil
(Not included)



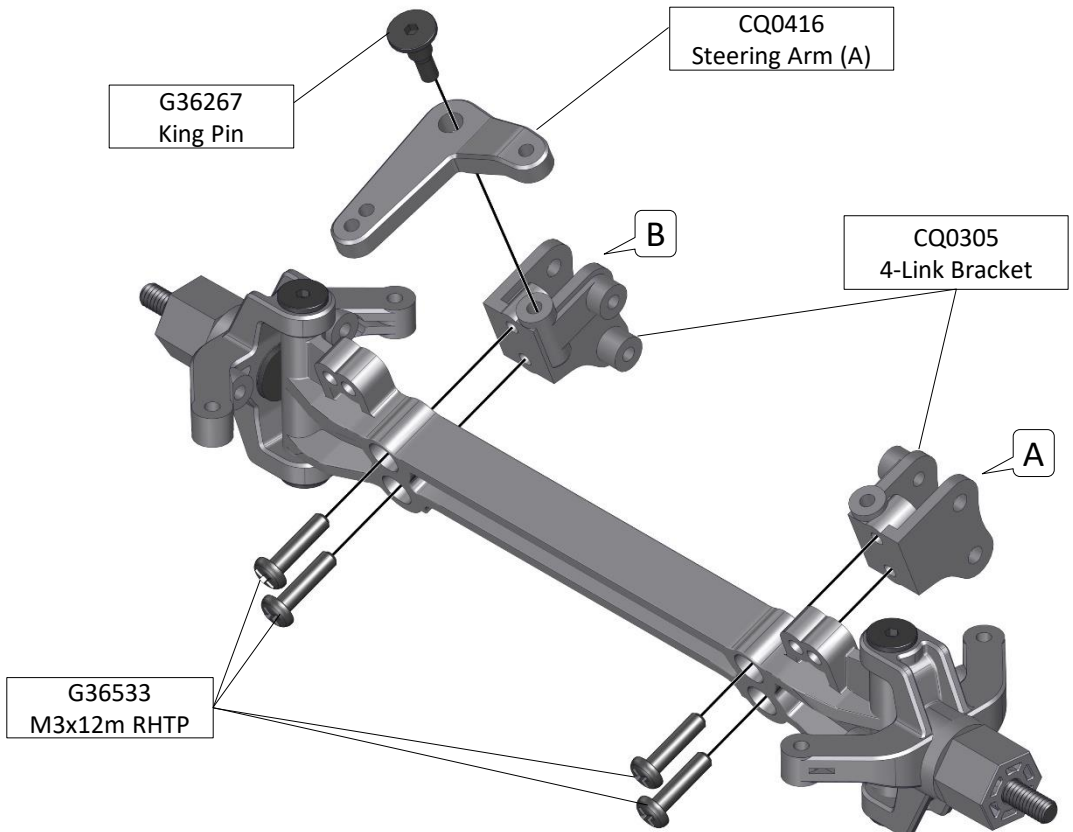
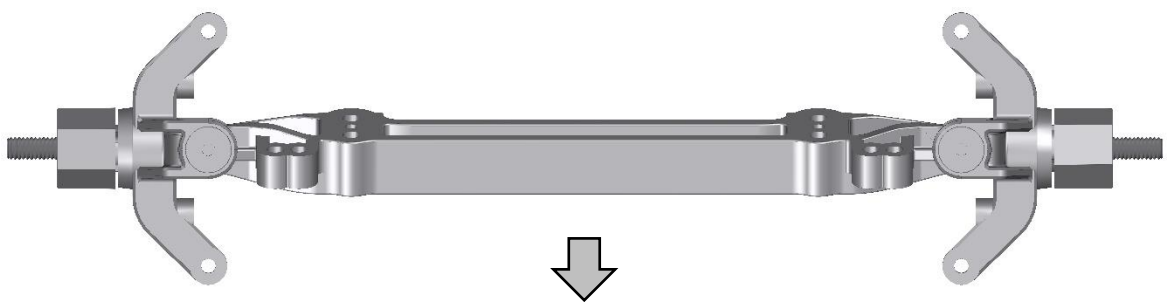
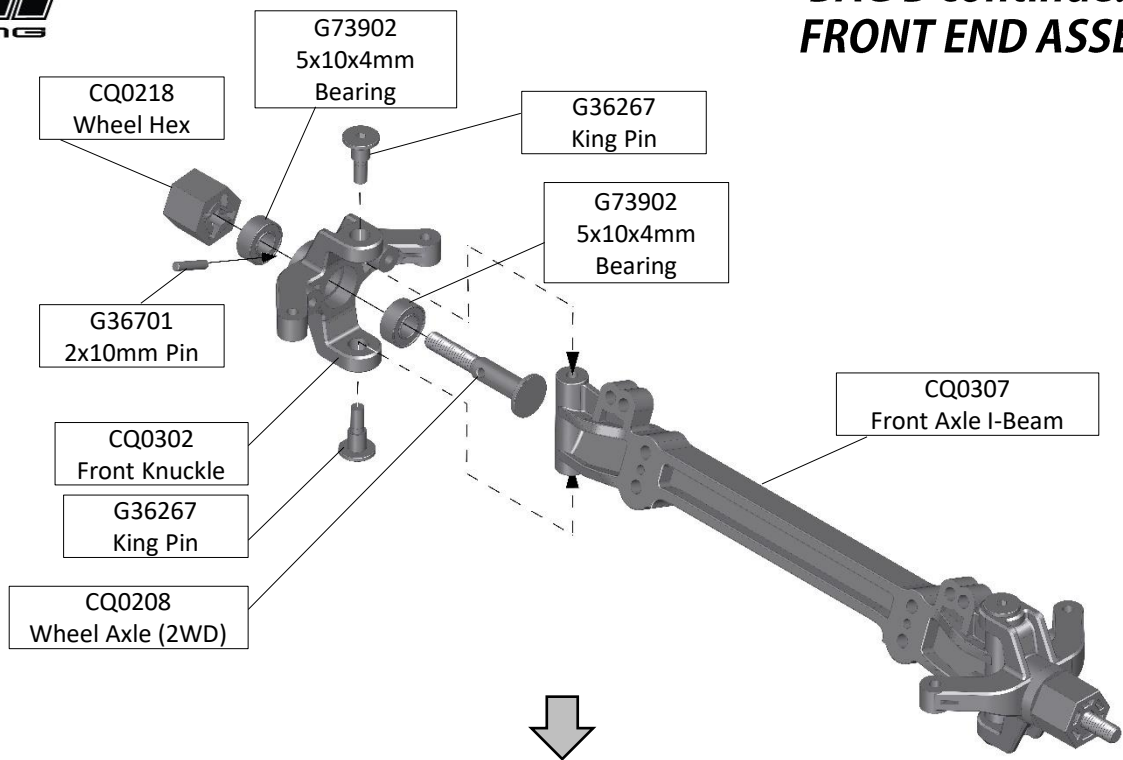
Threadlocker
(Not included)



BAG A continue...
SHOCK ASSEMBLY



Assembly X 4



BAG B continue... FRONT END ASSEMBLY



Normal Threaded



21.00mm

Revers Threaded



CQ0312
Turnbuckle M3x39mm (175mm Wheelbase)

Normal Threaded



Revers Threaded

CQ0313
Turnbuckle M3x52mm (210mm Wheelbase)

39.00mm



CQ0331
5.8mm Flanged
Pivot Ball

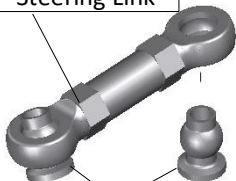


4mm Adjuster Hex

CQ0330
5.8mm
Rod End

CQ0331
5.8mm Flanged Pivot Ball

CQ0323
Steering Link



CQ0331
5.8mm Flanged Pivot Ball

G36198
M3x30mm
RHBH

G36534
M3x14mm RHTP

G36194
M3x18mm RHBH

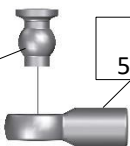
G36401
M3 Nylon Locknut

G36880
3x6x1mm
Spacer

G36881
3x6x2mm
Spacer

G36401
M3 Nylon Locknut

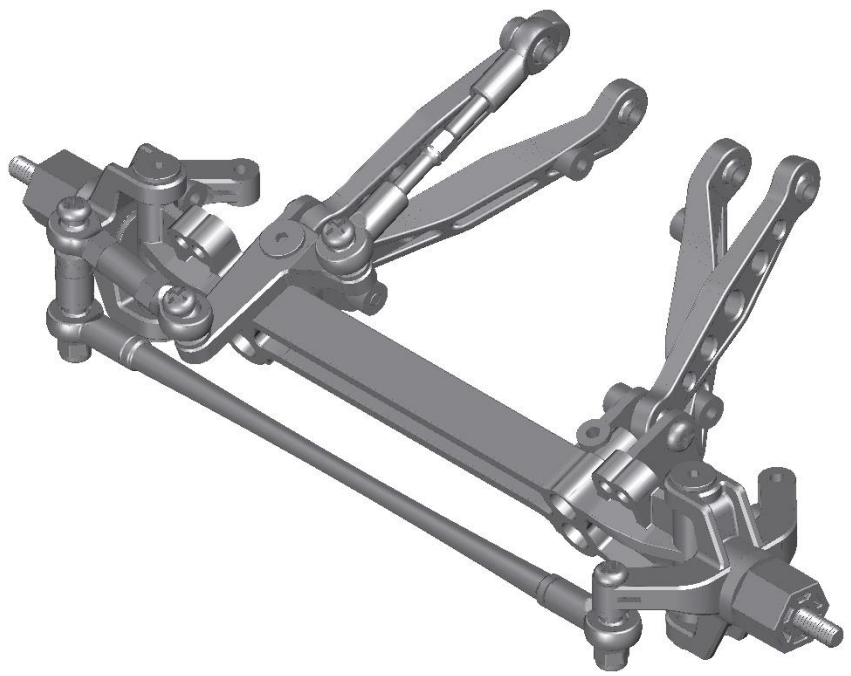
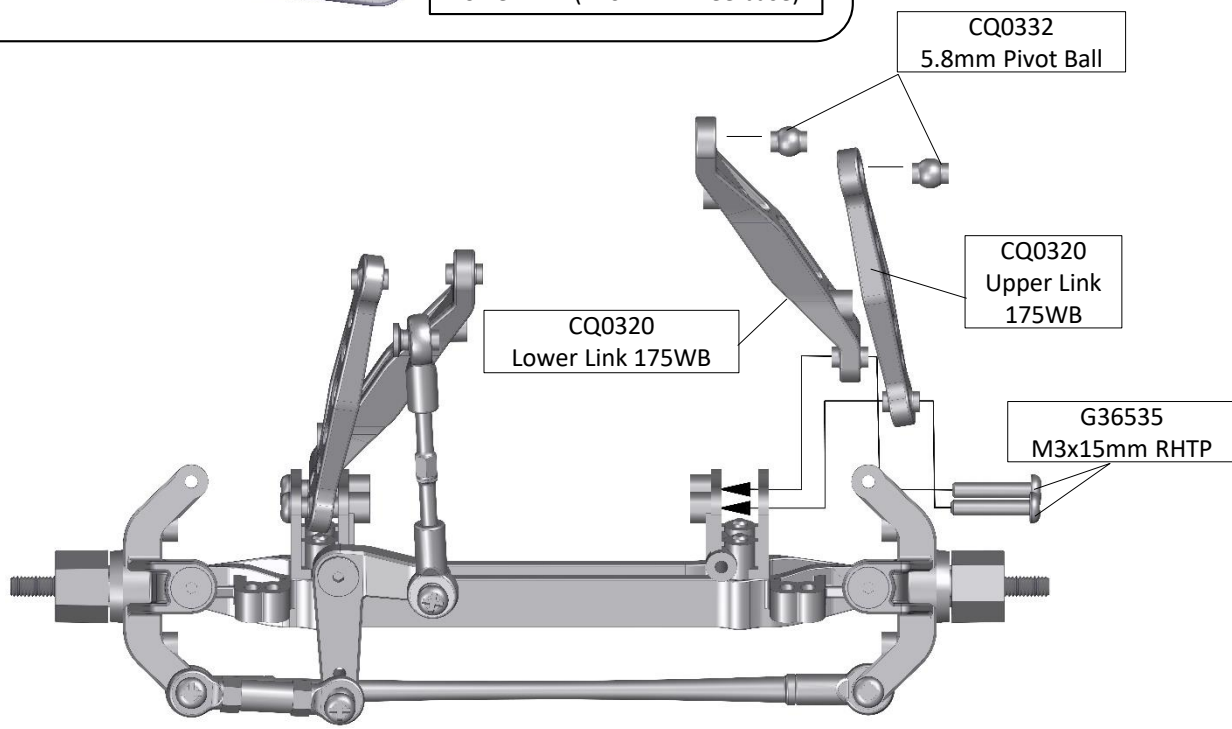
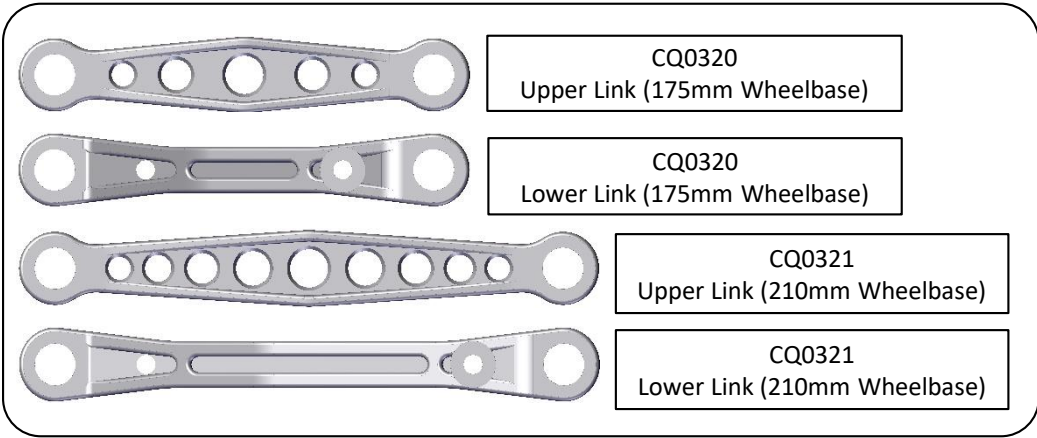
CQ0331
5.8mm Flanged
Pivot Ball



CQ0330
5.8mm Rod End



CQ0316
Steering Drag Link



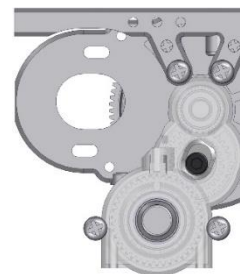
BAG C CENTER DIFFERENTIAL ASSEMBLY



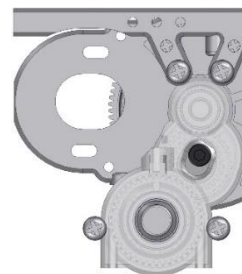
Standard High Torque



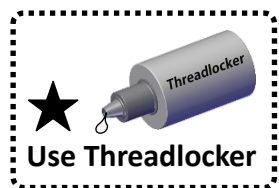
High Speed Ratio



High Torque Ratio
(Standard)



High Speed
Ratio



G73902
5x10x4mm Bearing

G36706
2x8mm Pin

20T

CQ0212
Main Gear Shaft

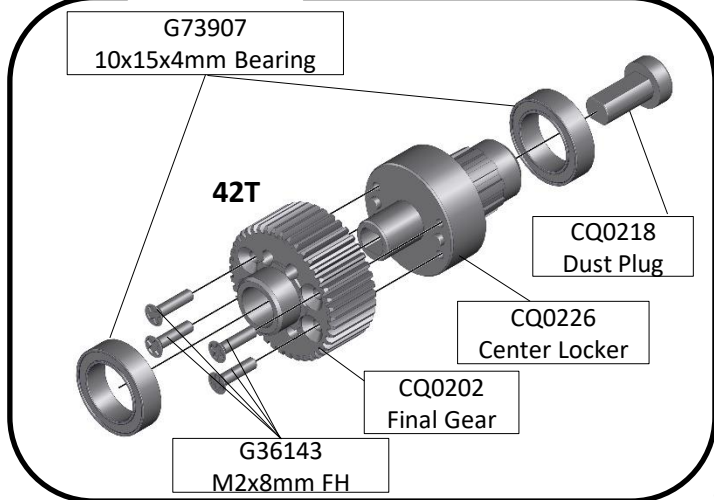
CQ0213
2nd Gear Shaft

CQ0202
Idle Gear

CQ0219
Transmission Gear Box Adjuster Cap C

G36221
M3x8mm Cap

CQ0219
Transmission Gear Box A

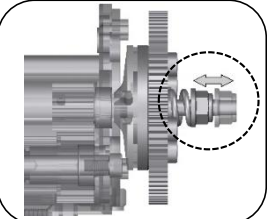
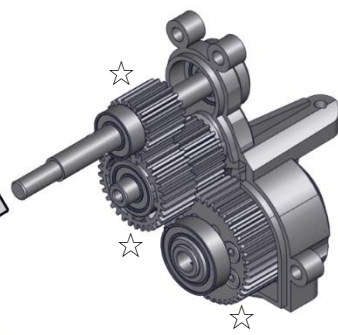


BAG C continue... CENTER DIFFERENTIAL ASSEMBLY

Caution:
The base factory settings are set for a starting point to obtain your slippage which are just enough to protect your drivetrain from heavy throttle loads.
*Do not set the slipper clutch too tight as this may cause risks of damaging the transmission, as well not too loose as the car will have a lack of performance which may cause risks of damaging the slipper clutch system.

Recommended Slipper clutch adjustment: First, place the 2.0mm Allen wrench tool (included) into the center drive cup horizontally through the drive cup where the dog bone pin sits and hold by hand to lock the transmission.
Second, tighten the slipper adjustment nut (clockwise) by using 7mm hex driver or (the 4-way tool included) until it stops then loosen it counter-clockwise 1 1/4 turns.

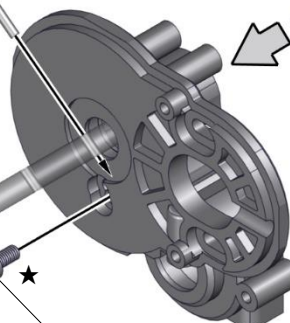
*From here tighten or loosen your slipper no more than 1/8 of a turn at a time and test again to obtain your optimal slippage for your application.



CQ0223
85T 48P Spur Gear

G36701
2x10mm Pin

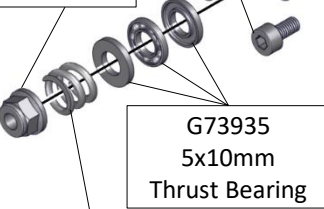
CQ0225
Slipper Pad



CQ0219
Transmission Gear Box B

G36226
M3x6mm Cap

G36403
M4 Nylon Locknut



CQ0247
Slipper Spring

G73935
5x10mm Thrust Bearing

CQ0246
Slipper Hub Set

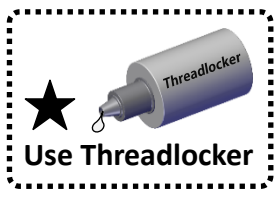
G36221
M3x8mm Cap



Upper Plate
5x9.8mm

Lower Plate
5.2x10mm

Pay attention to direction



★ Use Threadlocker



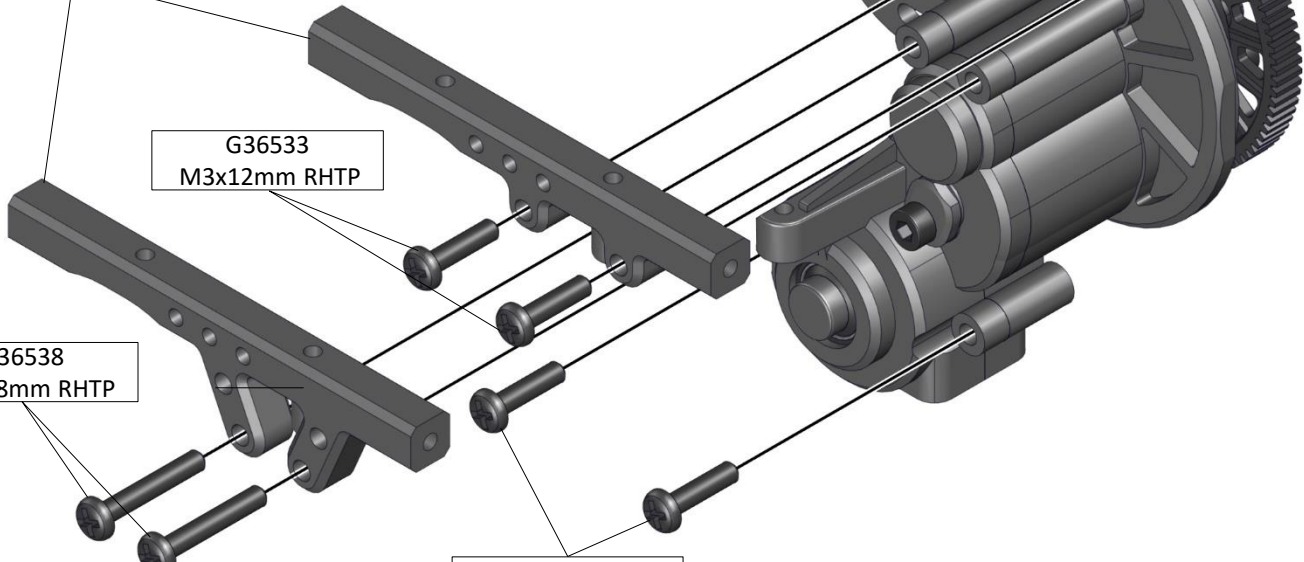
★ Use Grease



CQ0409
Transmission Bracket

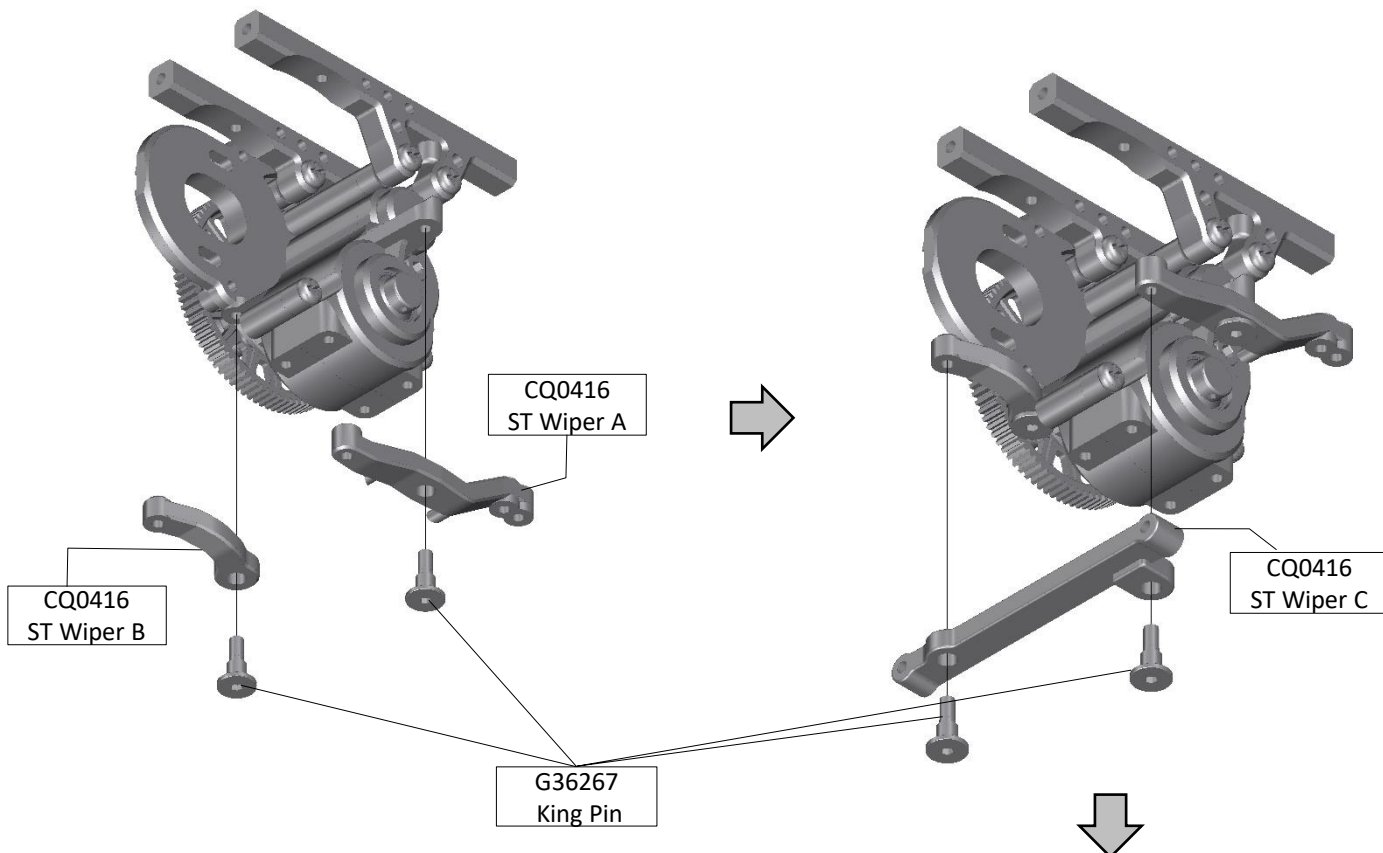
G36533
M3x12mm RHTP

G36538
M3x18mm RHTP



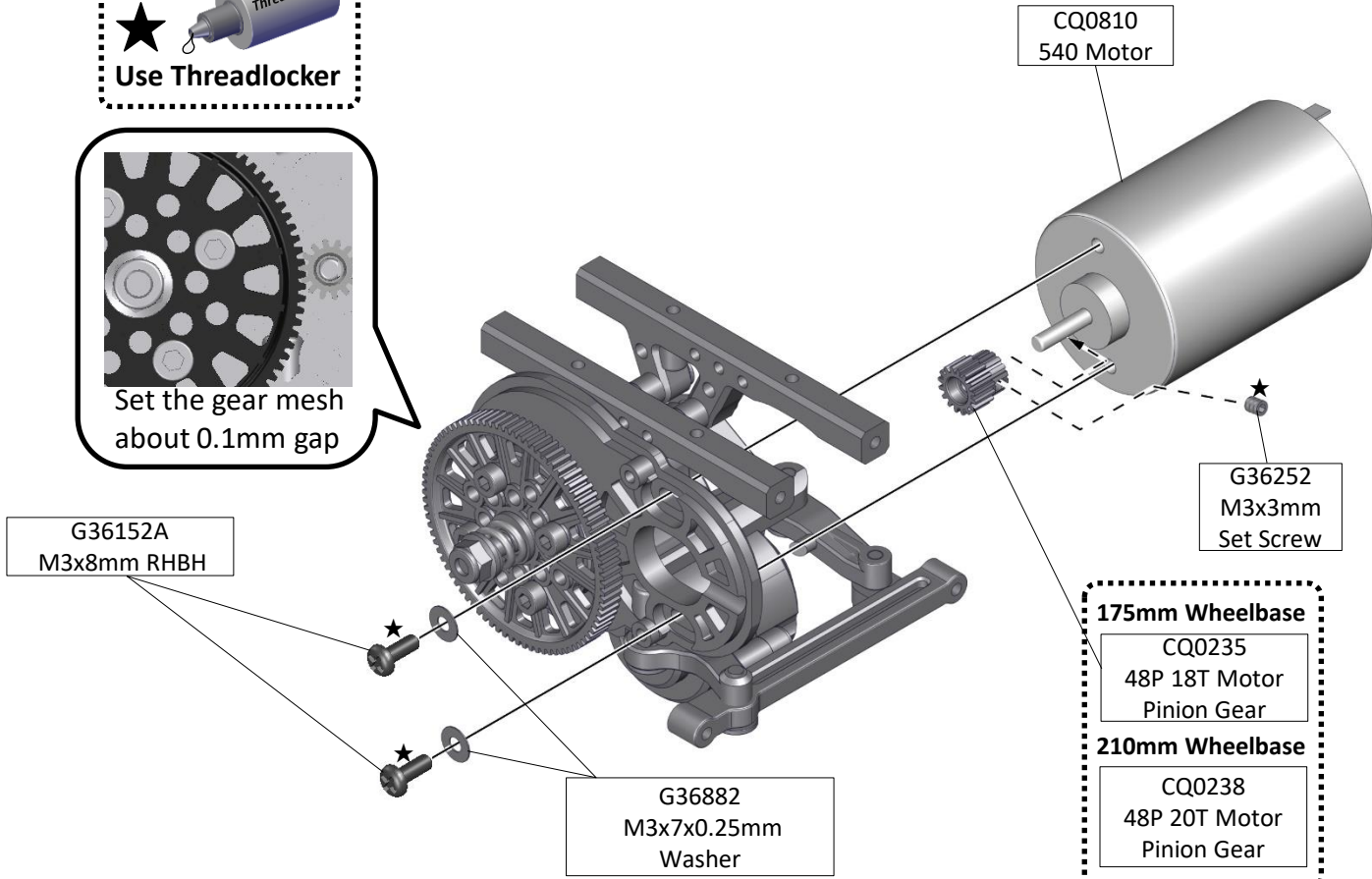
G36533
M3x12mm RHTP

BAG C continue... CENTER DIFFERENTIAL ASSEMBLY



★ Threadlocker
Use Threadlocker

Set the gear mesh about 0.1mm gap



**BAG C end.
CENTER DIFFERENTIAL ASSEMBLY**

CQ0219
Transmission Gear
Box Cover

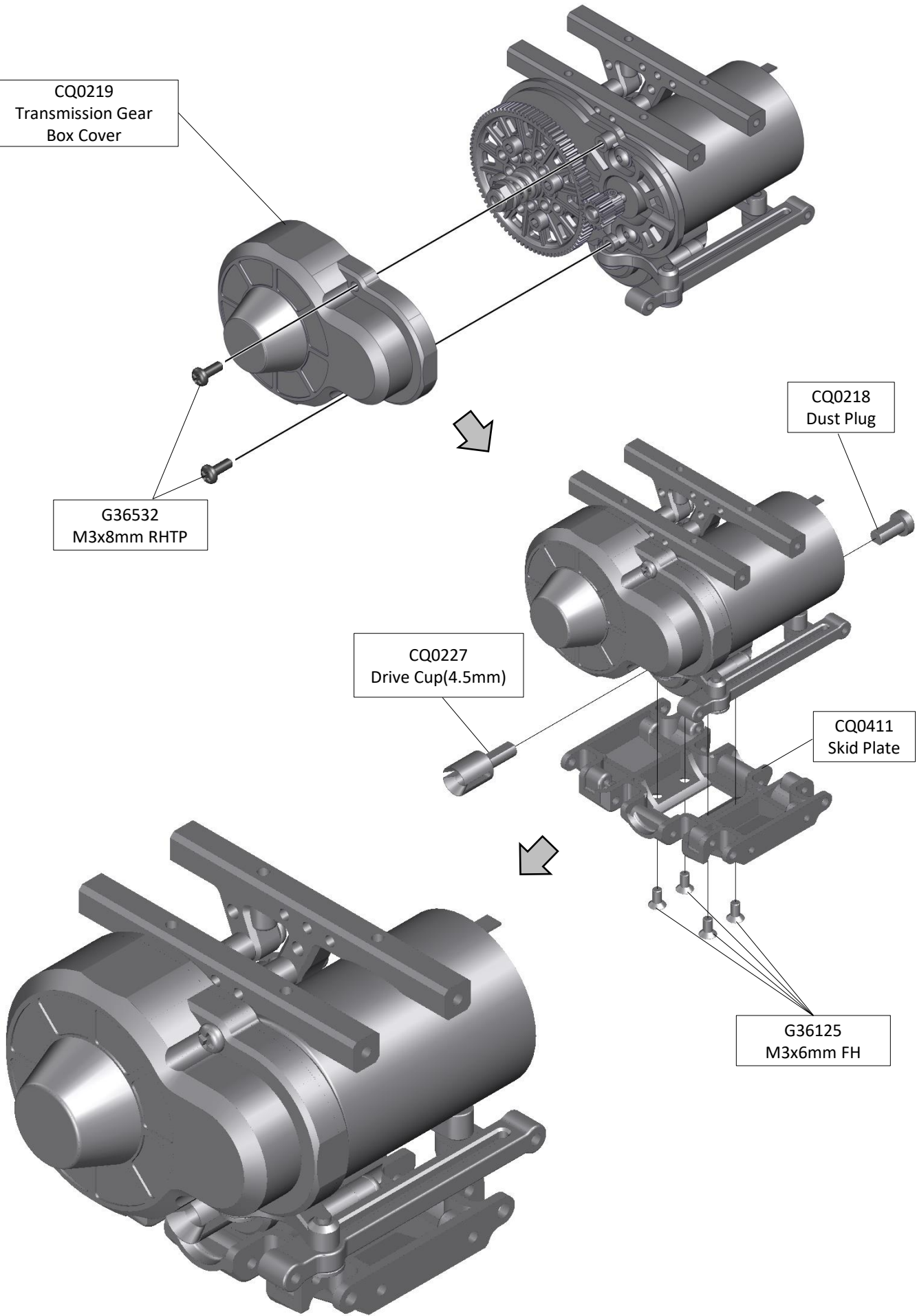
G36532
M3x8mm RHTP

CQ0227
Drive Cup(4.5mm)

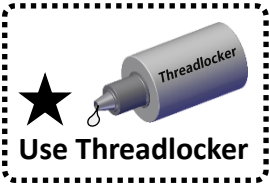
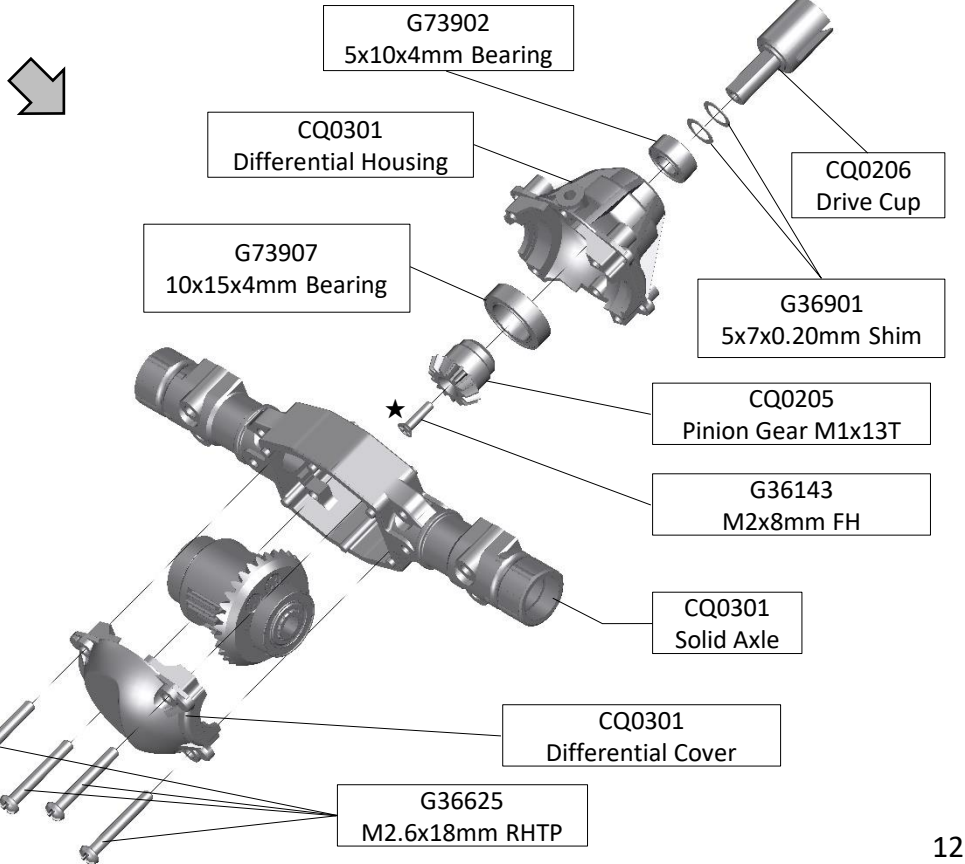
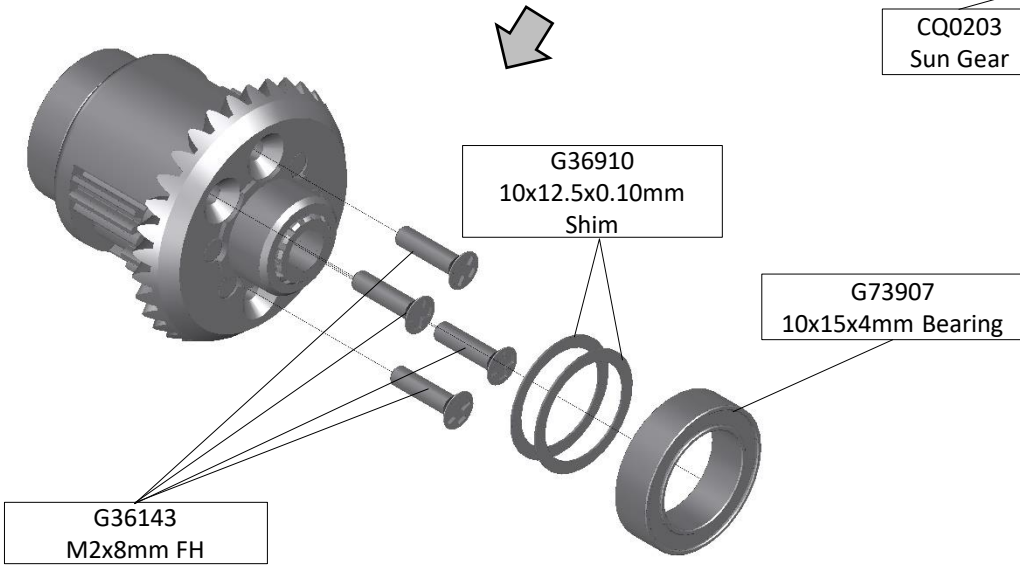
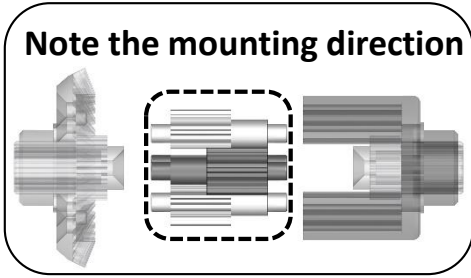
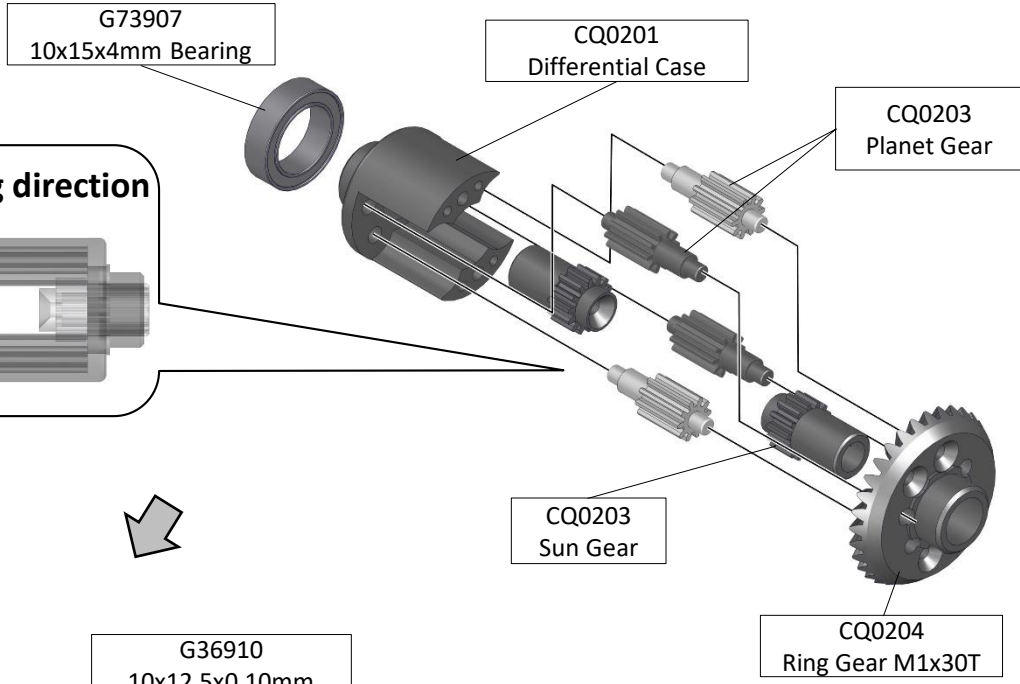
CQ0218
Dust Plug

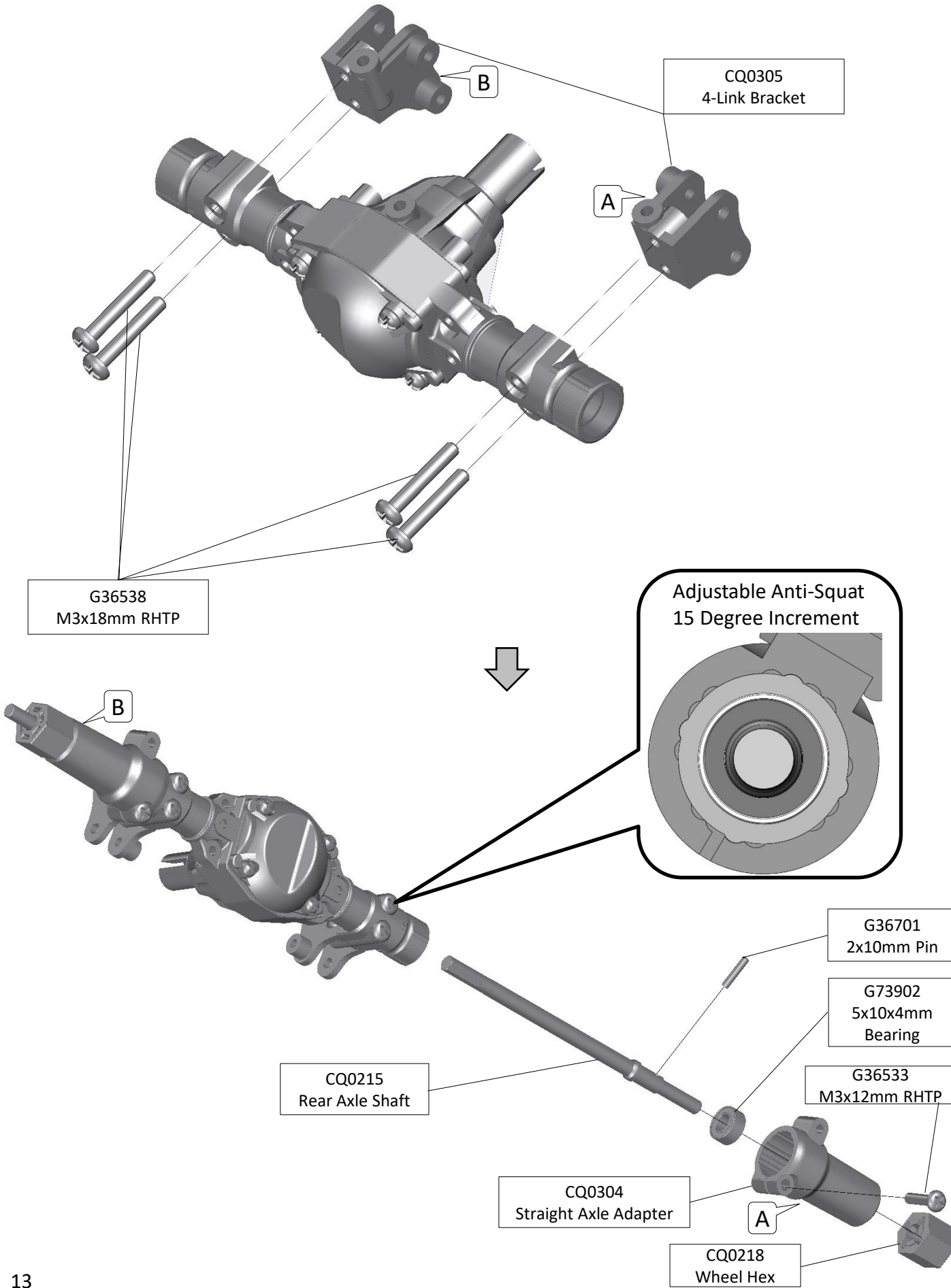
CQ0411
Skid Plate

G36125
M3x6mm FH

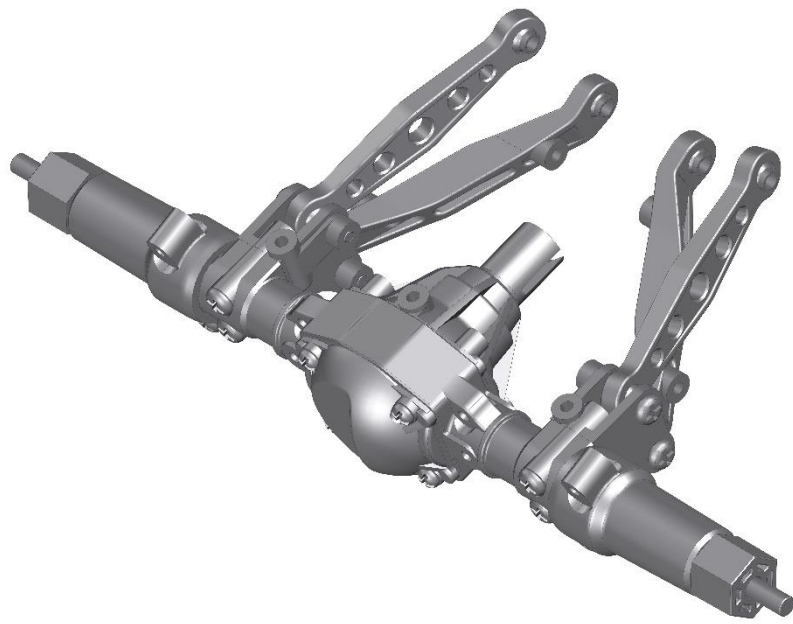
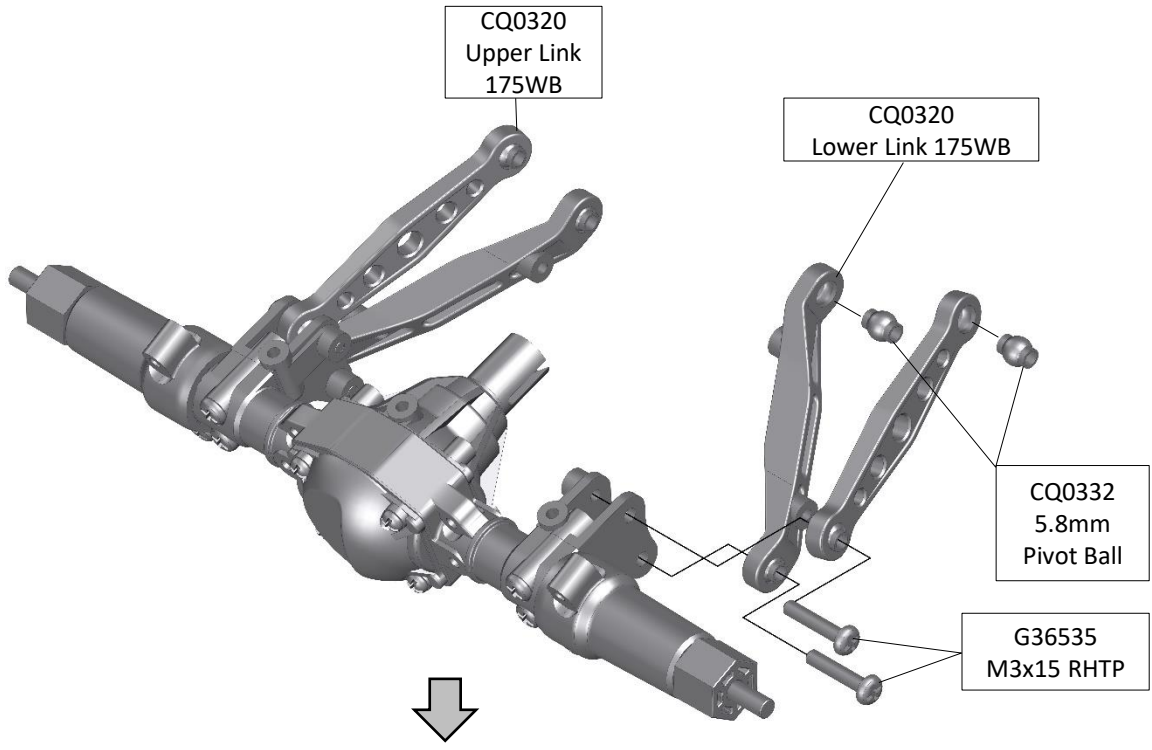
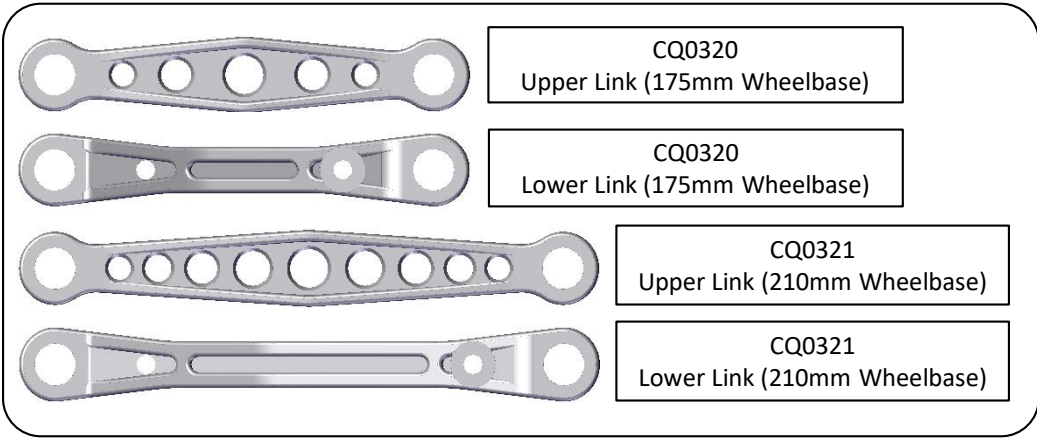


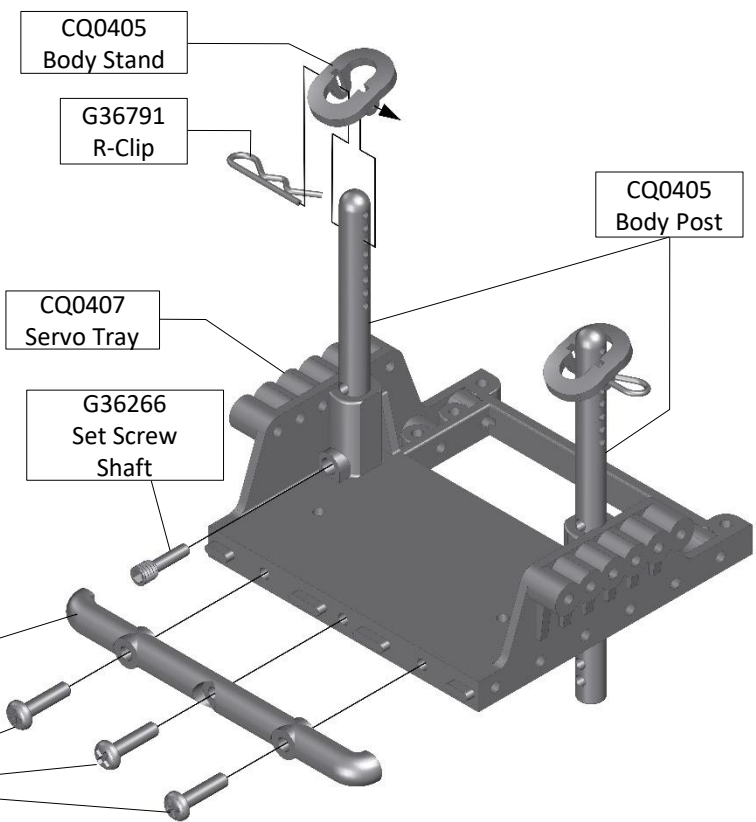
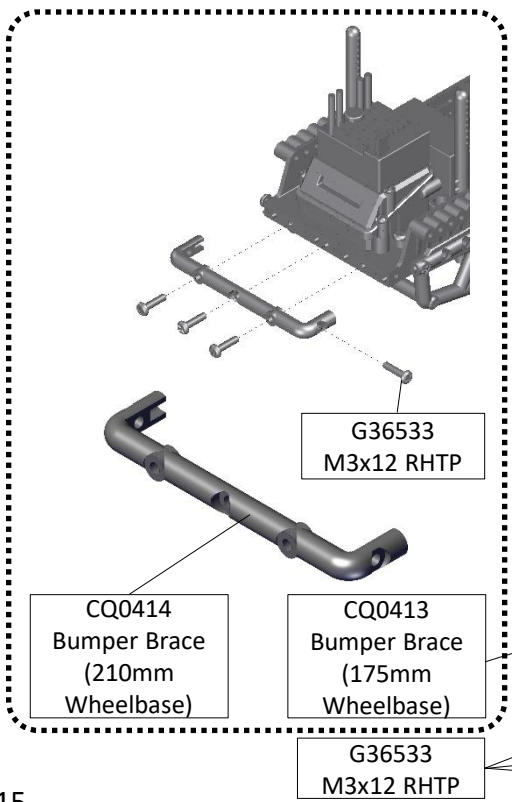
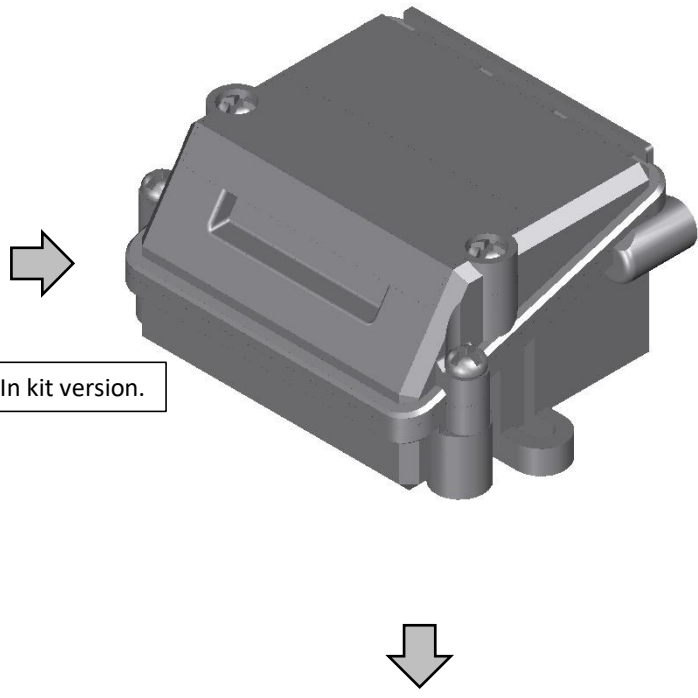
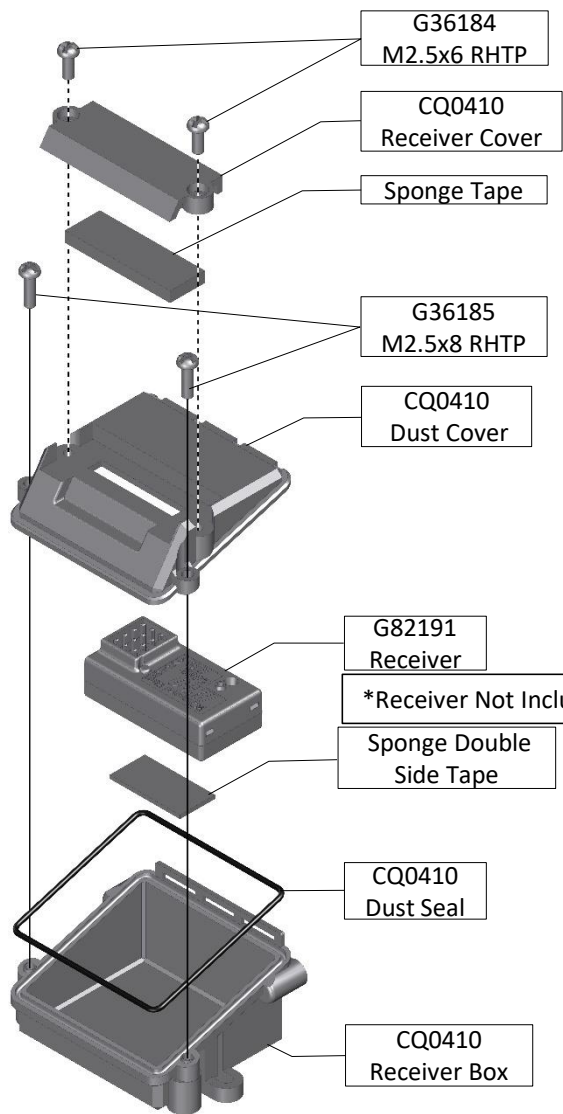
BAG D REAR END ASSEMBLY



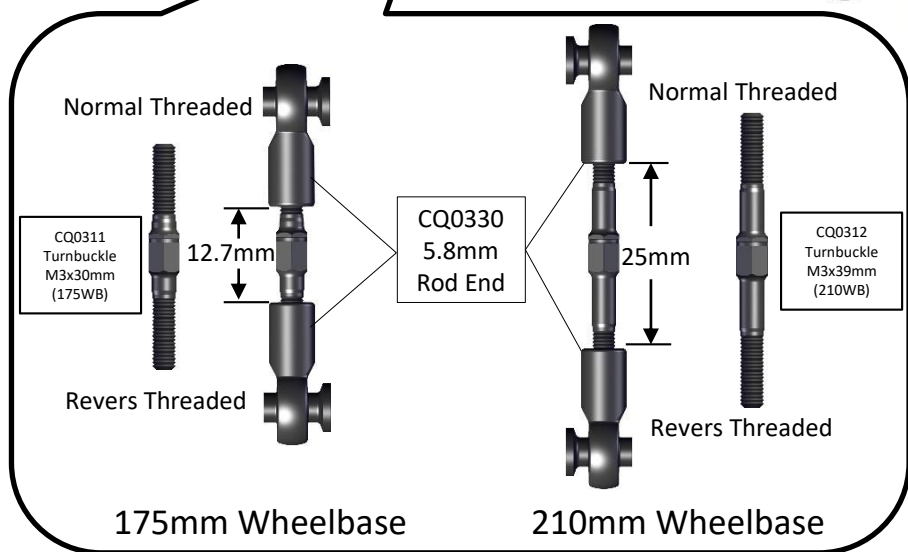
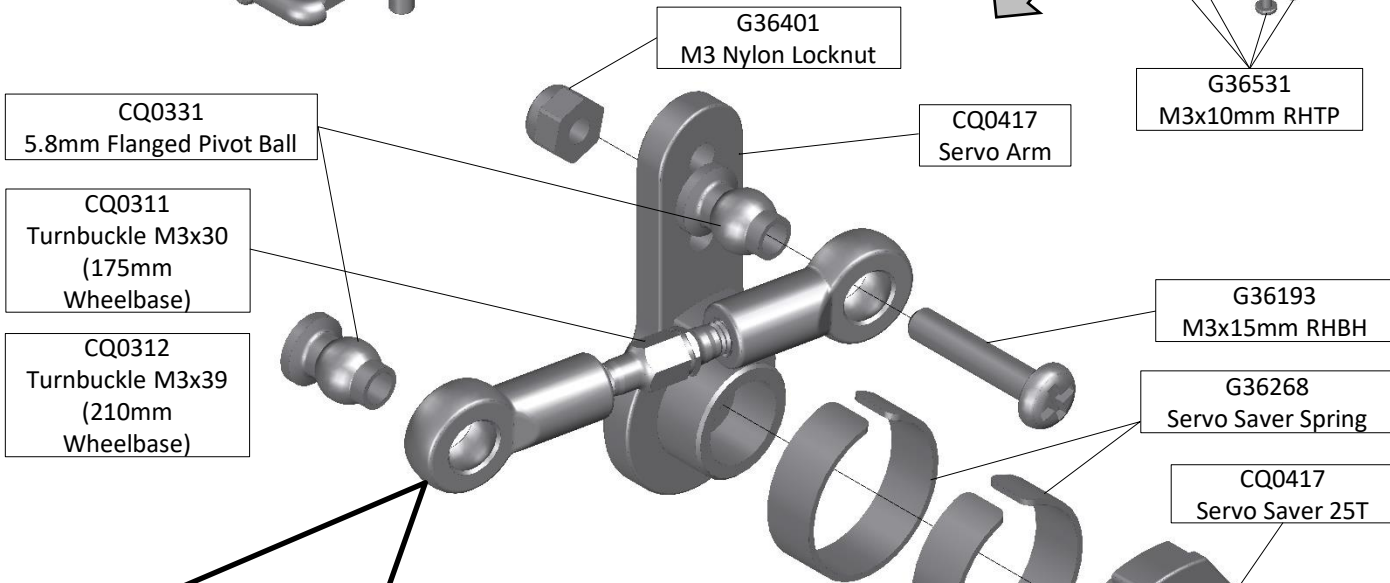
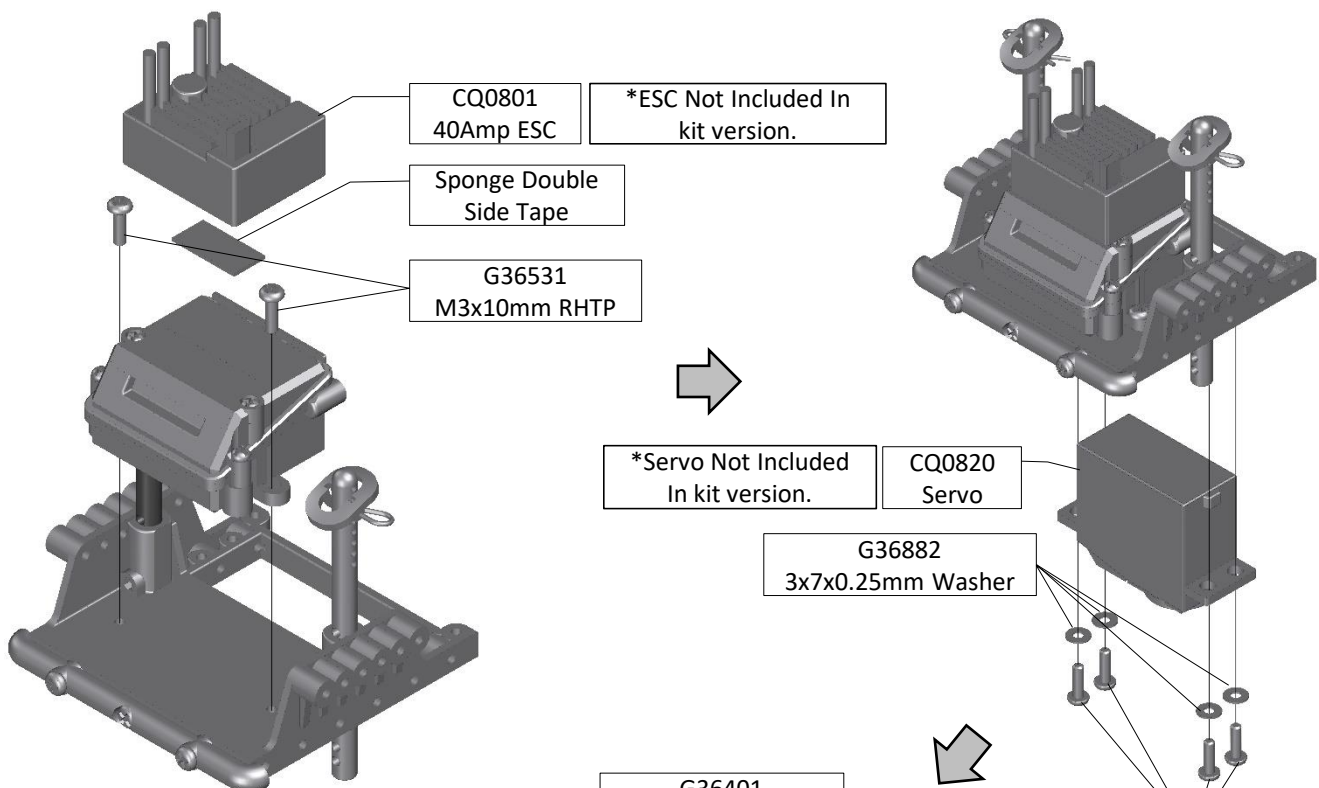


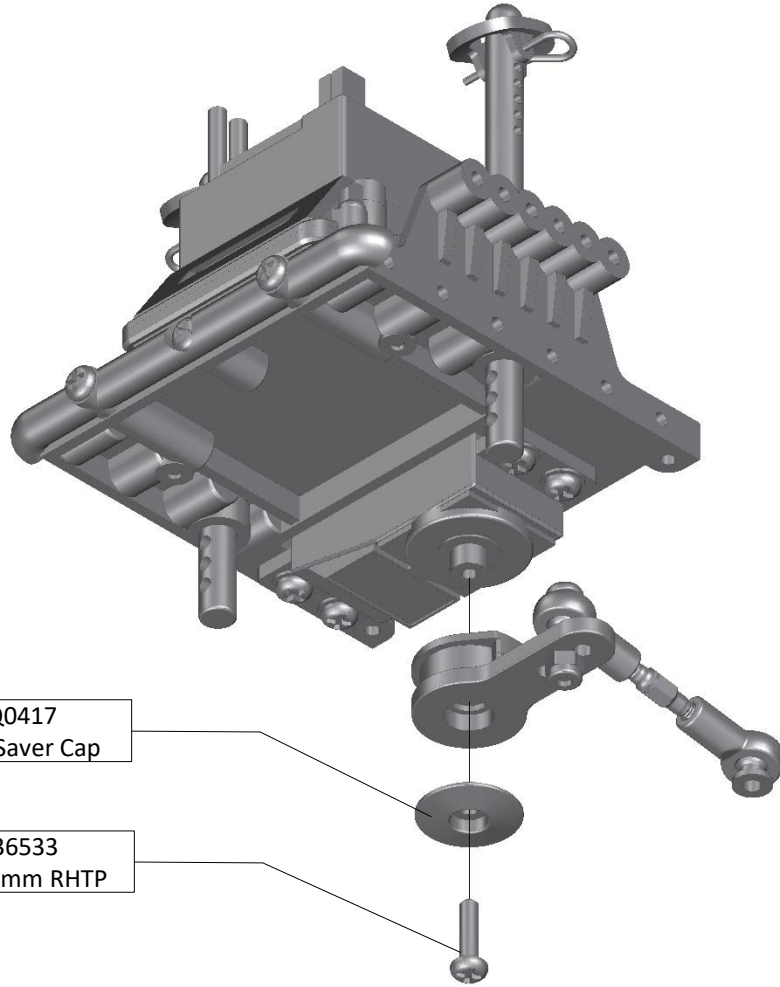
BAG D end. REAR END ASSEMBLY





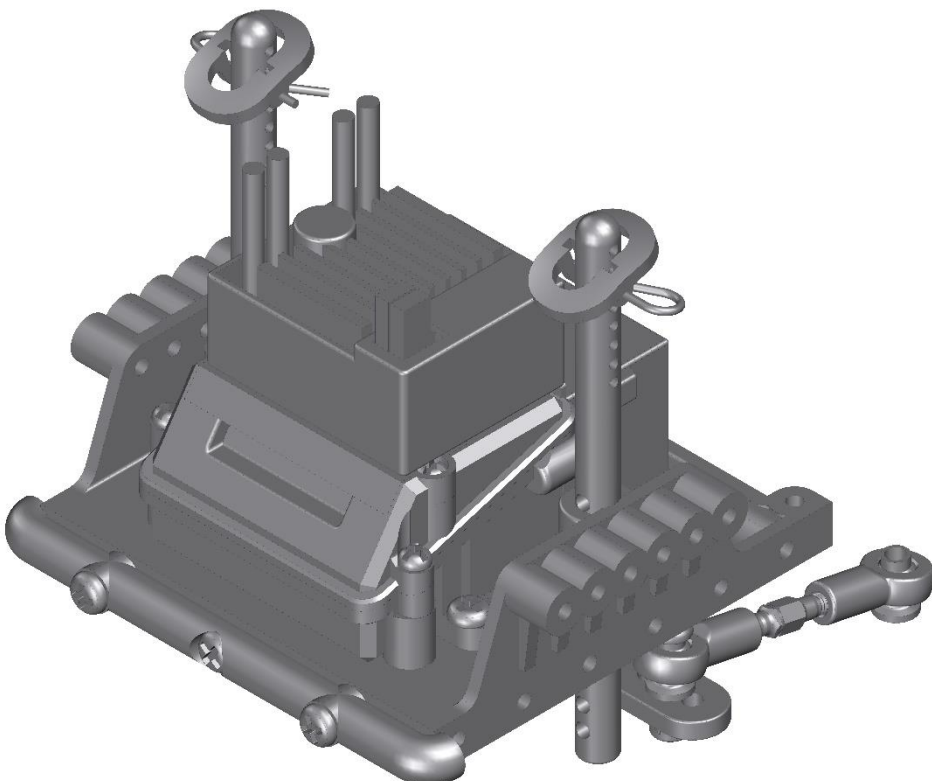
BAG E continue... RADIO TRAY



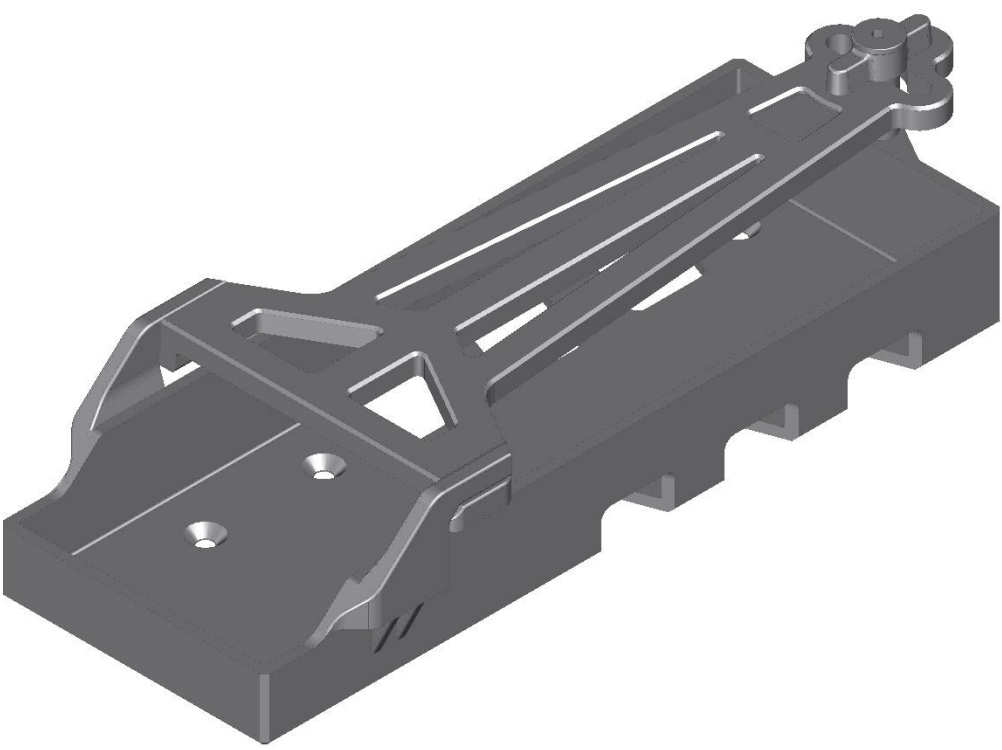
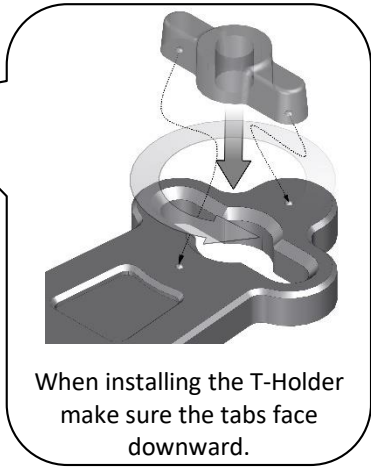
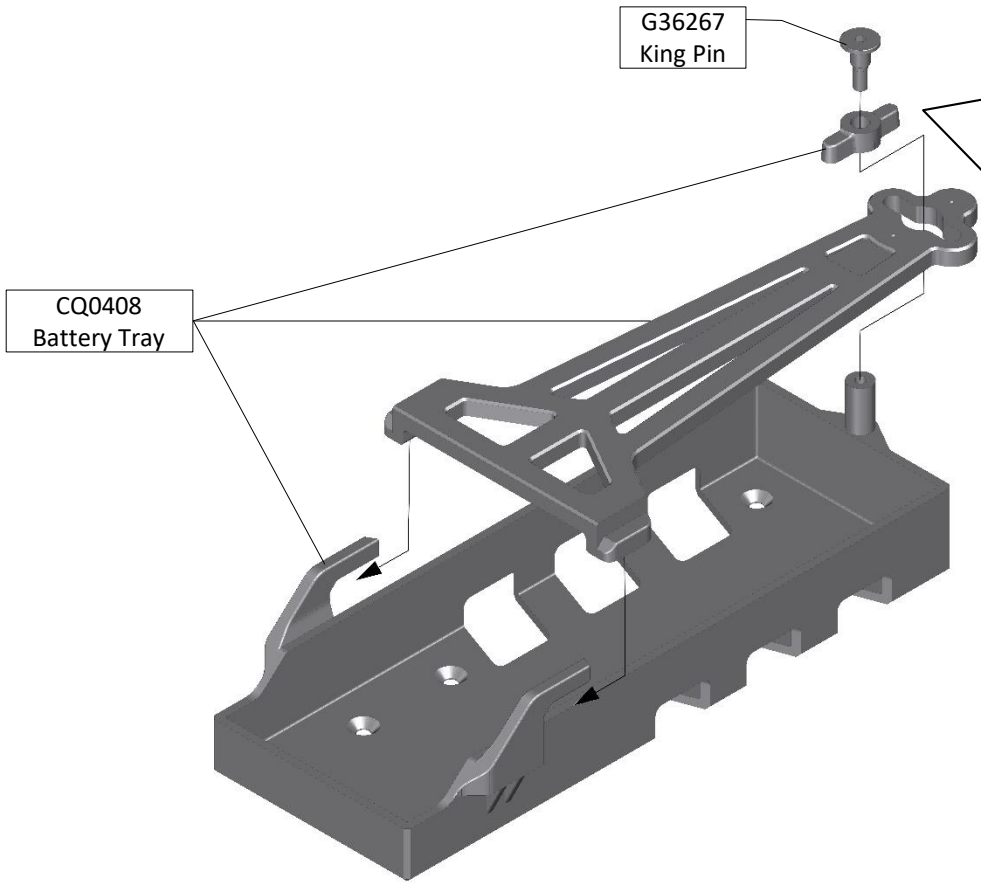


CQ0417
Servo Saver Cap

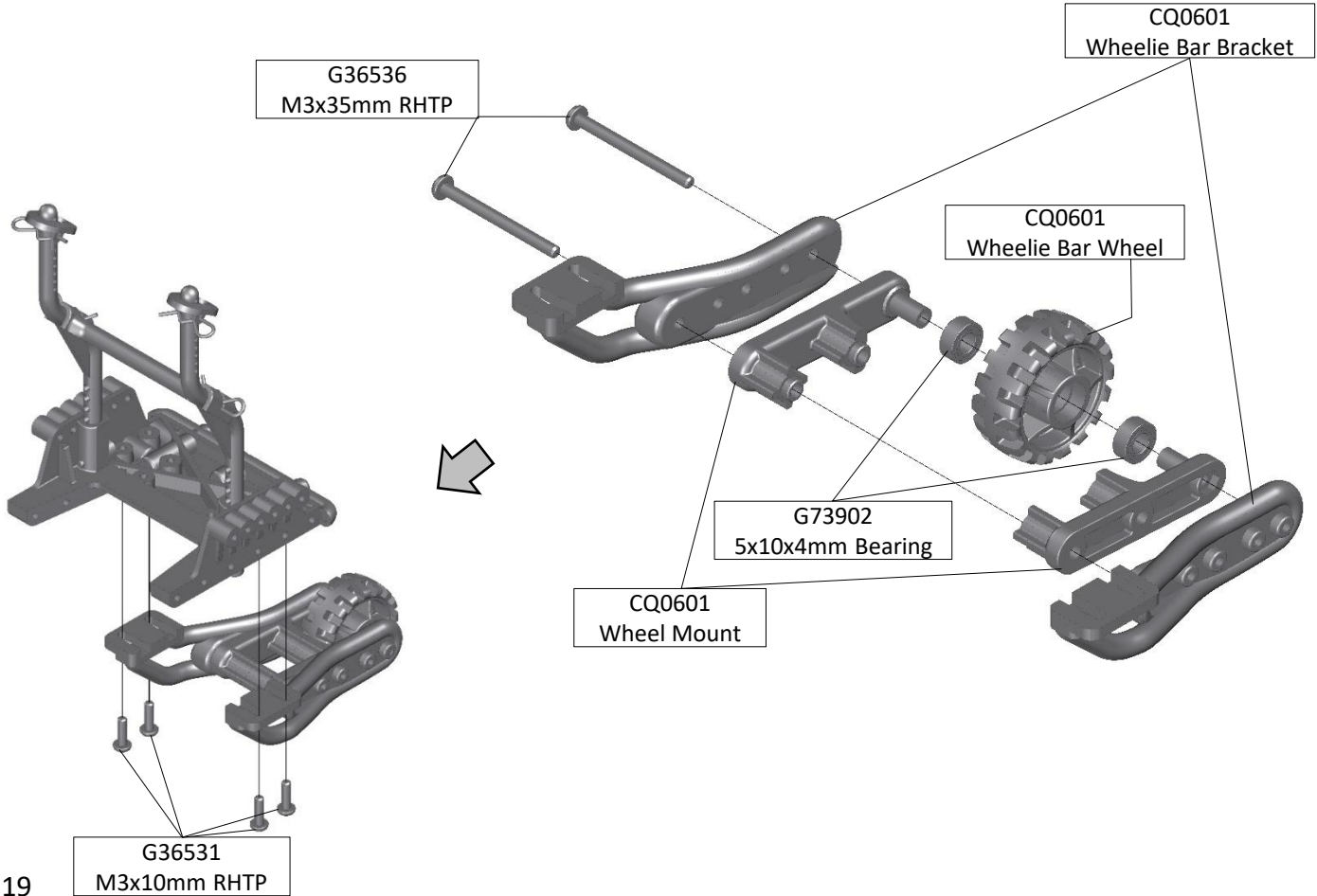
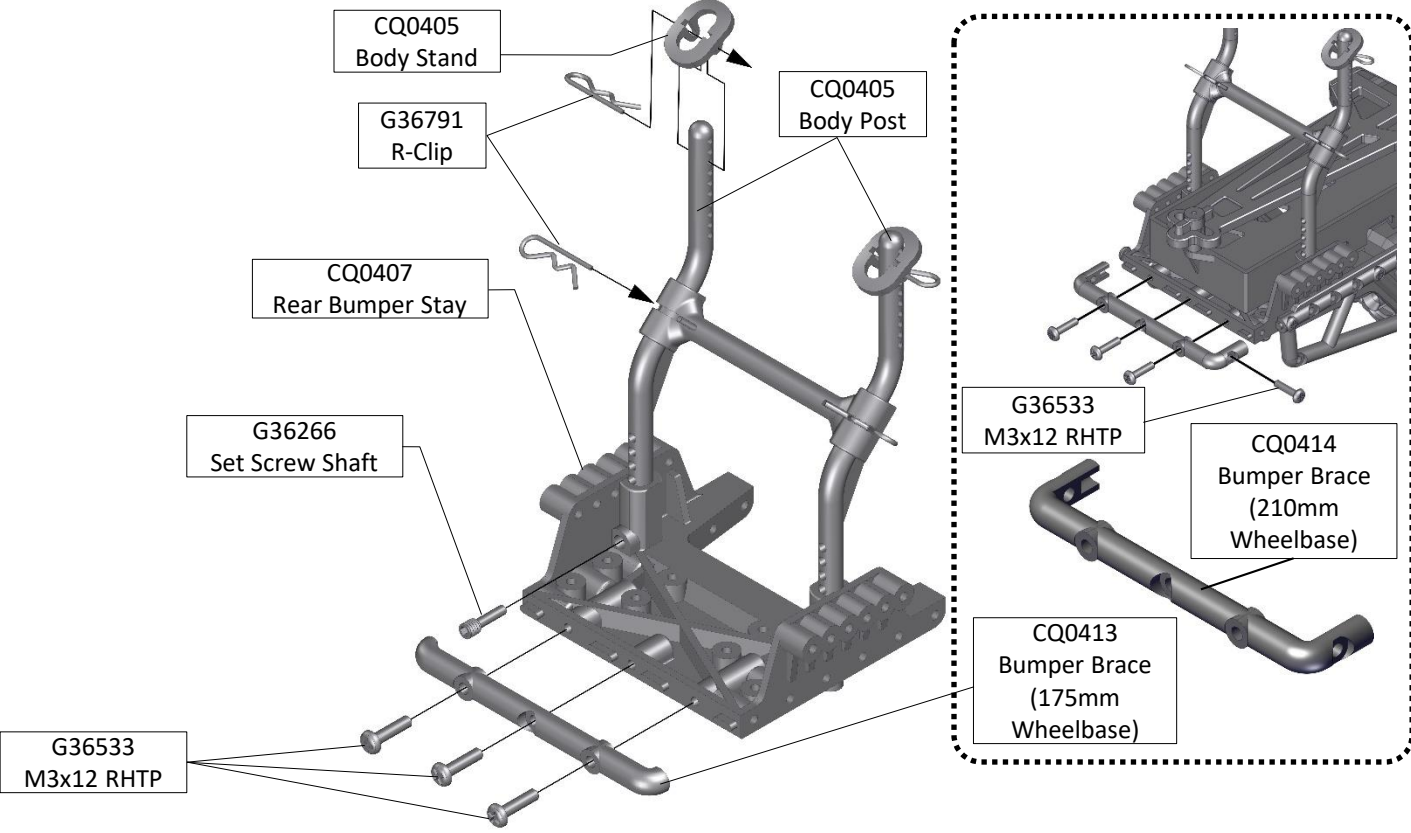
G36533
M3x12mm RHTP



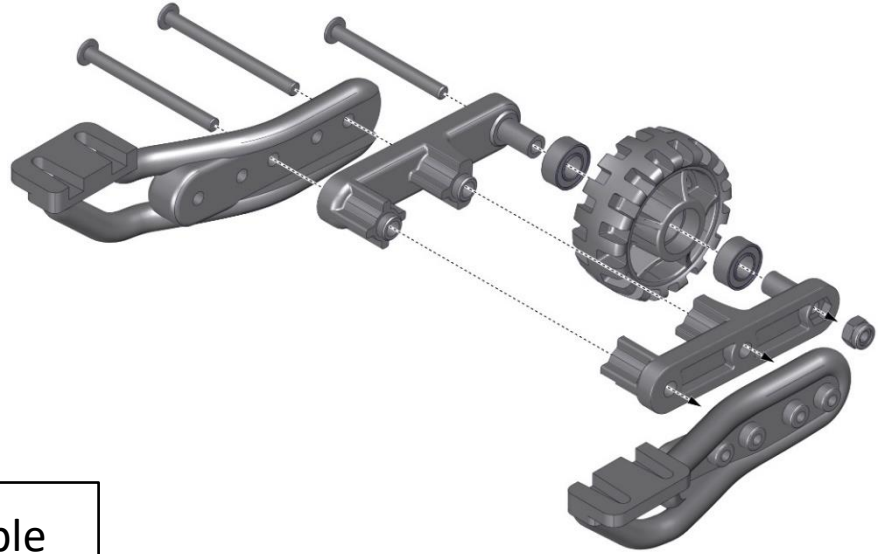
BAG F BATTERY TRAY



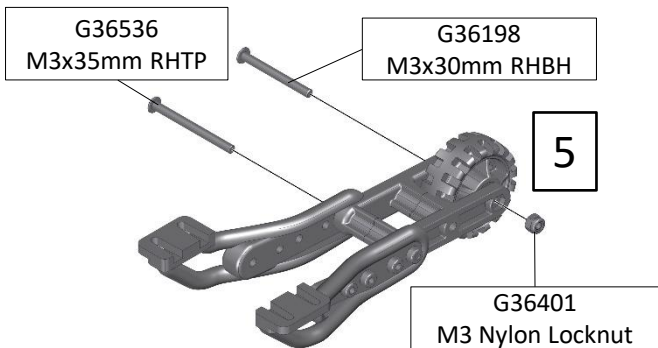
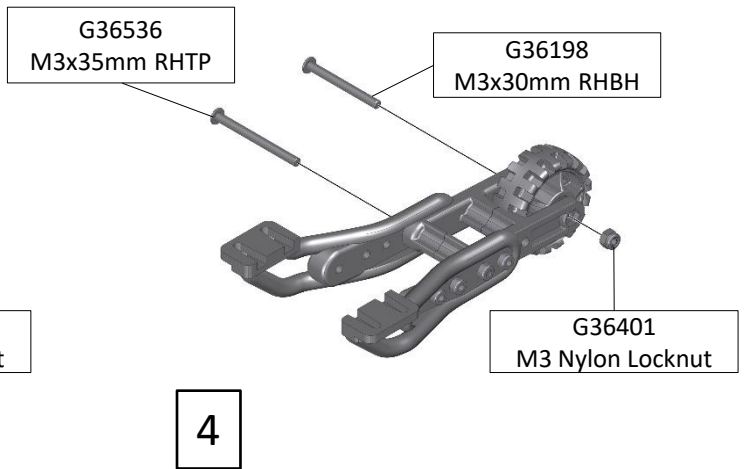
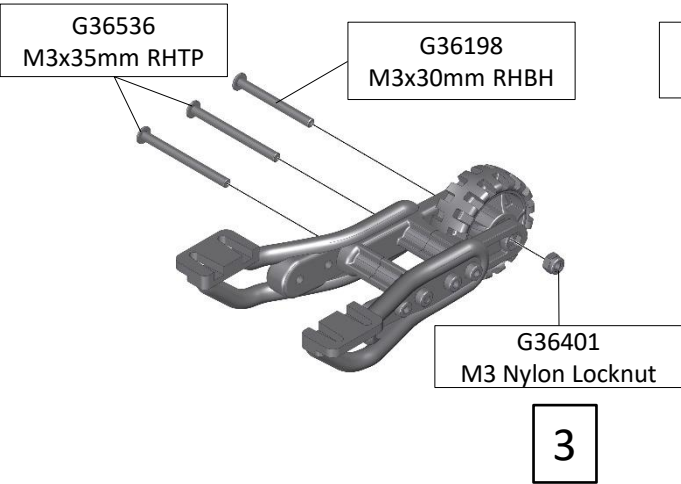
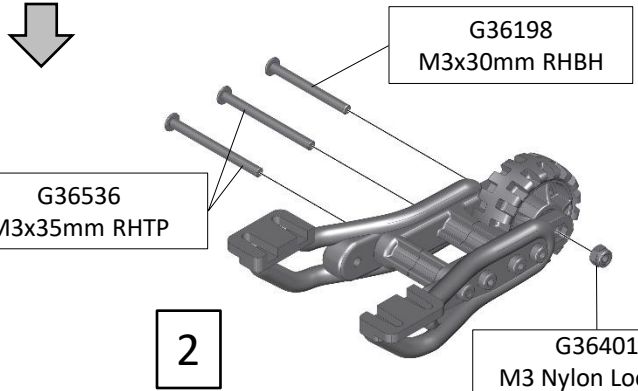
BAG G REAR BUMPER & WHEELIE BAR



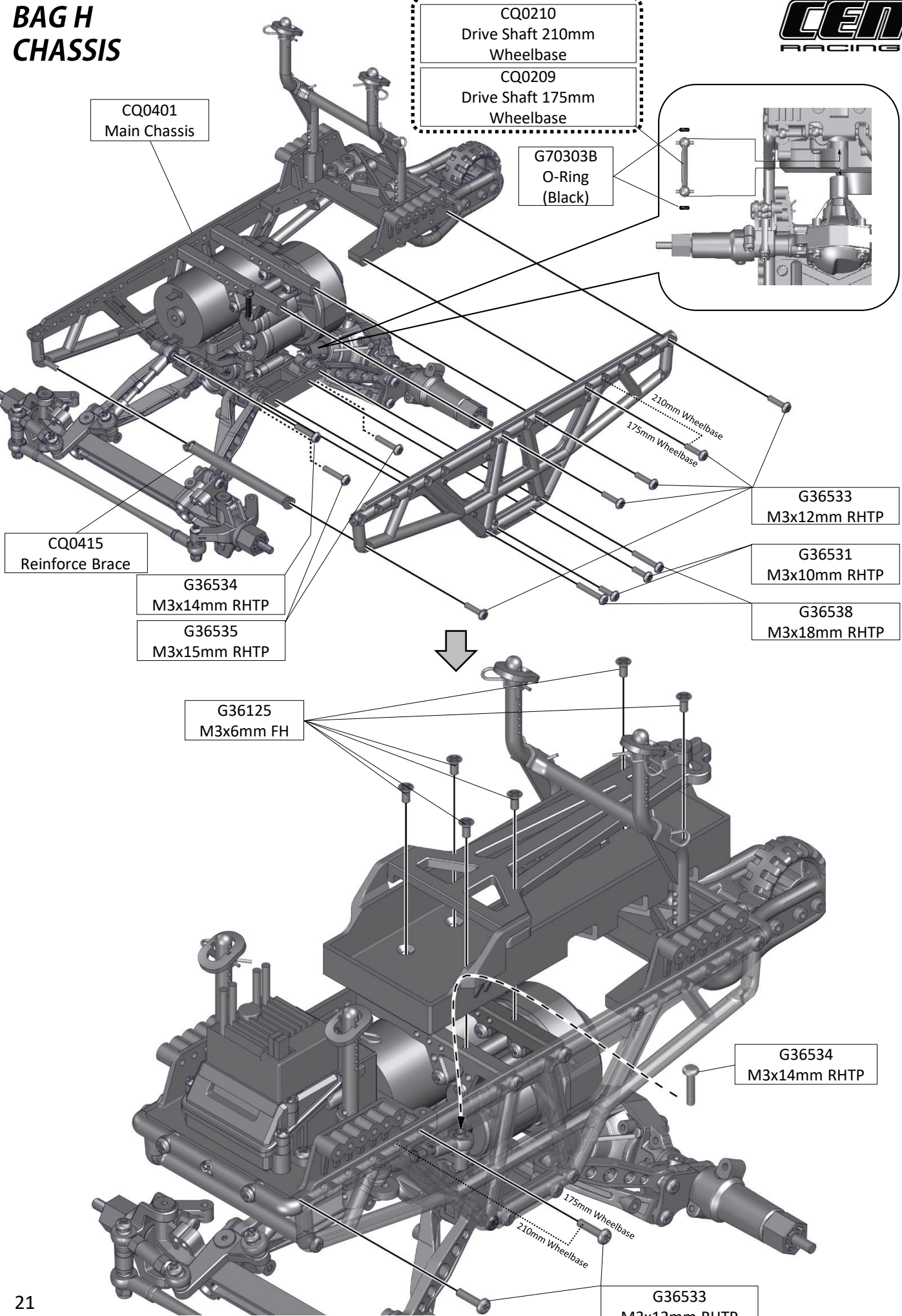
BAG G END. REAR BUMPER & WHEELIE BAR

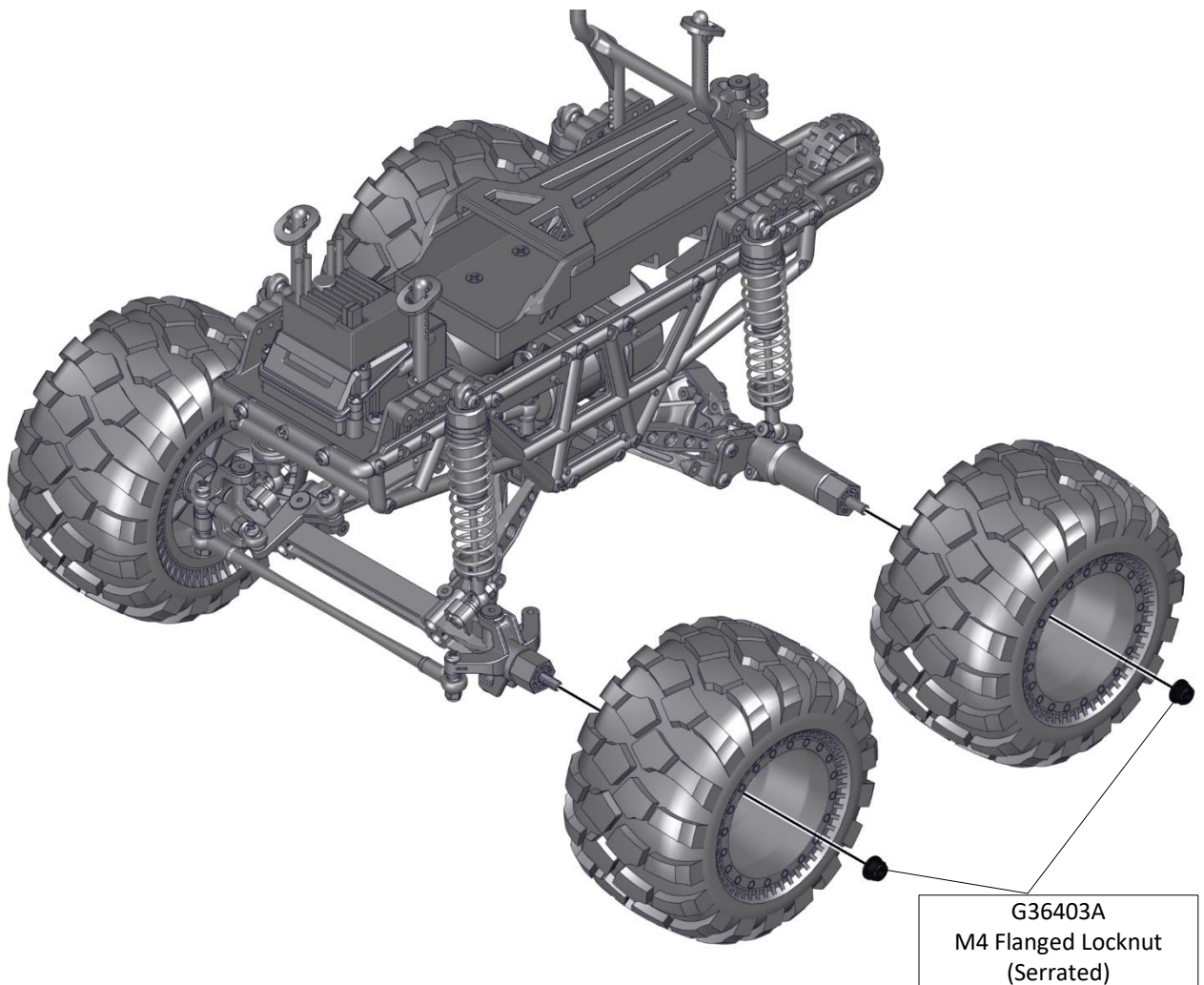
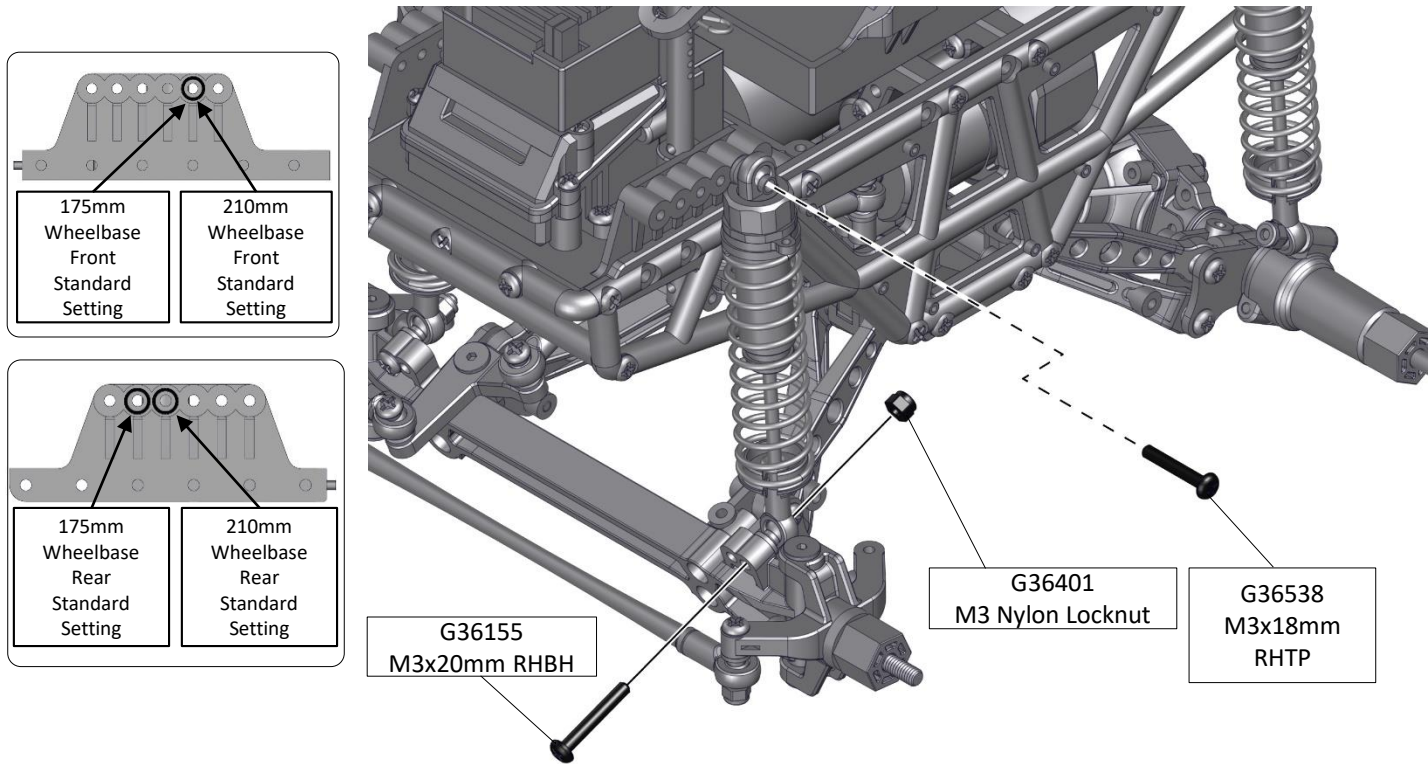


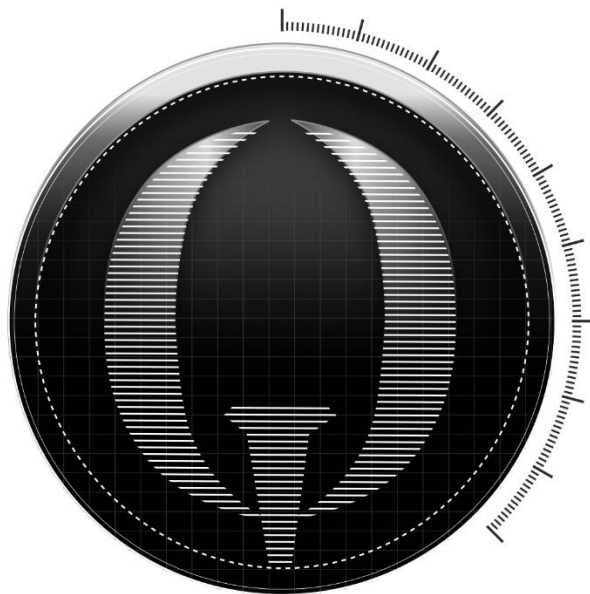
5-Way Adjustable



BAG H CHASSIS







SERIES

2020.01

CEN
RACING

Manufactured by
CEN Racing Co.
7F, NO.12, Lane 122, Sec.2, Ganyuan St.
Shulin Dist., New Taipei City 23853, Taiwan

CENRACING.COM

