

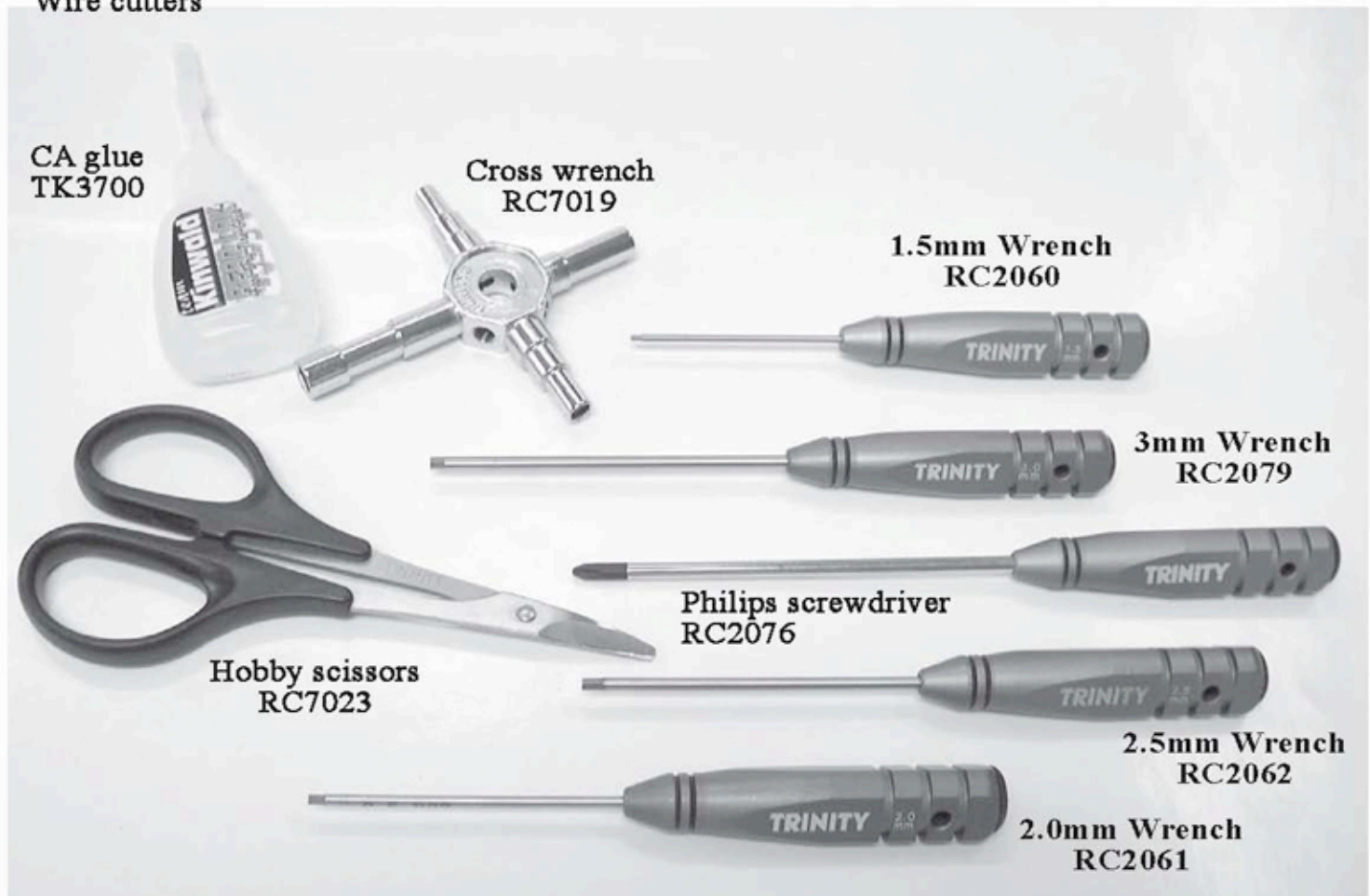
**1/10th Touring Car
for Spec, Modified
& Stock Class Racing**

TRINITY®

BEFORE YOU RUN YOUR CAR

Tools needed to assemble and maintain your T-Spec car.

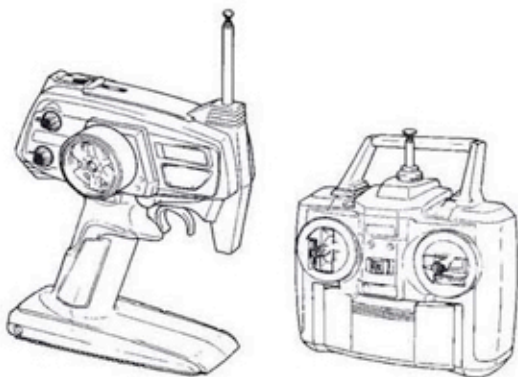
Needle nose pliers Precision ruler or caliper Hobby knife Thread locking compound
Wire cutters



WARNING!

Do not use a power screwdriver to install screws into nylon or plastic materials. The fast rotation speed can heat up the screws being installed. They can then break the molded parts or strip the threads during installation.

Additional items needed for operation:



Transmitter

Servo
Receiver
8 AA Batteries for Transmitter
Peak Battery Charger

Rolling Chassis Only:
Trinity Spec Motor SS2226
Trinity Spec Battery Pack SS2224
Trinity Spec Body "A" Machine REF1003

IMPORTANT!!!

**Check all the screws are tight before using the car!
Check all the screws are still tight after every battery
pack used in the car!**

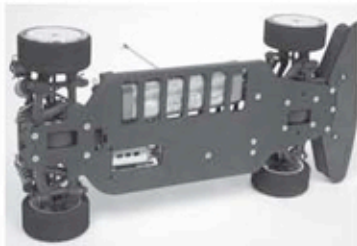
RECOMMENDED:

Use thread lock on all screws that work loose.






BEFORE YOU START

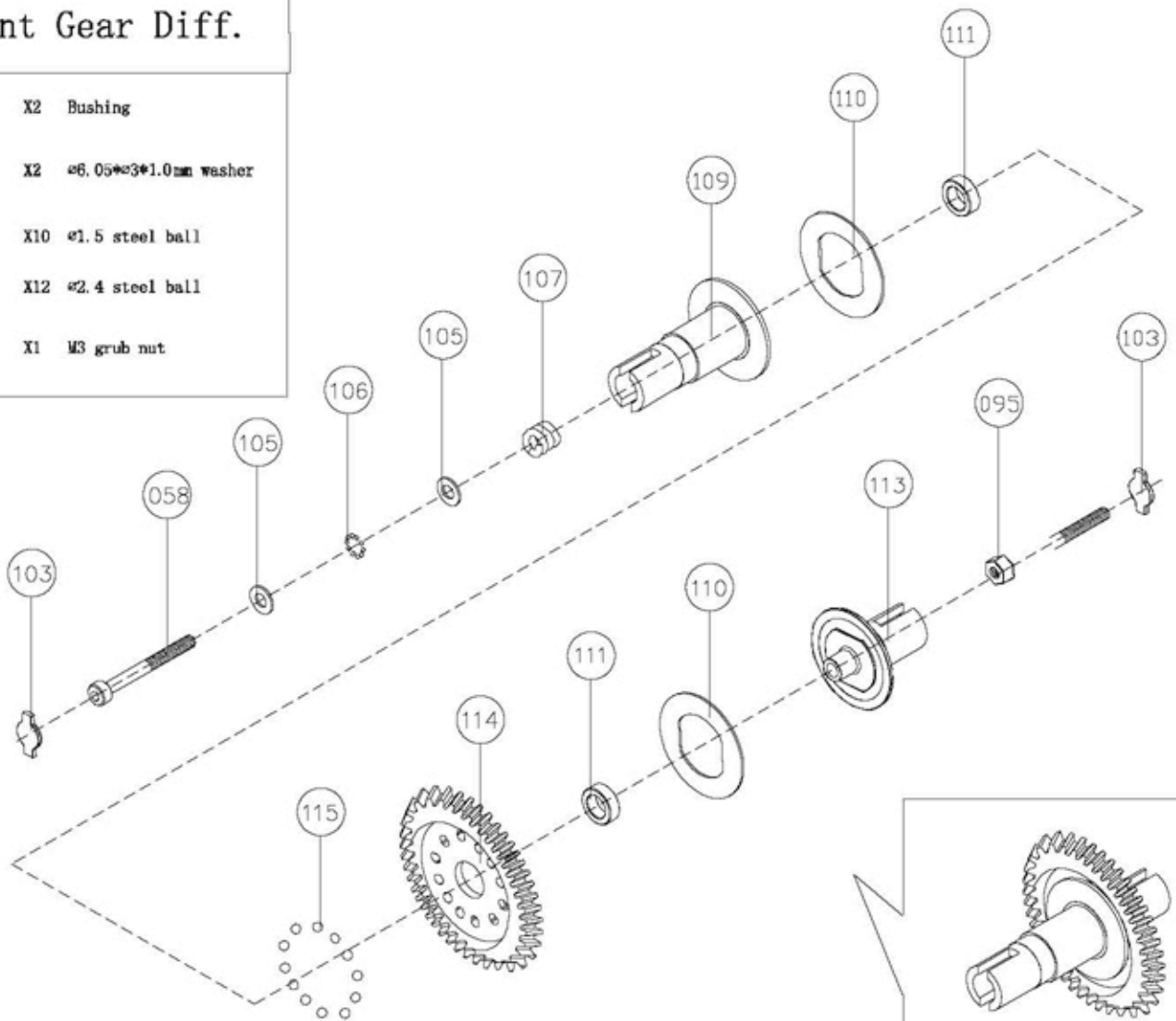
Check all parts to ensure that there are no missing or defective parts. If you do find any problems regarding to this issue, please contact your local dealer or our distributor.

Note: The chassis has been preassembled and pre-adjusted in the factory.









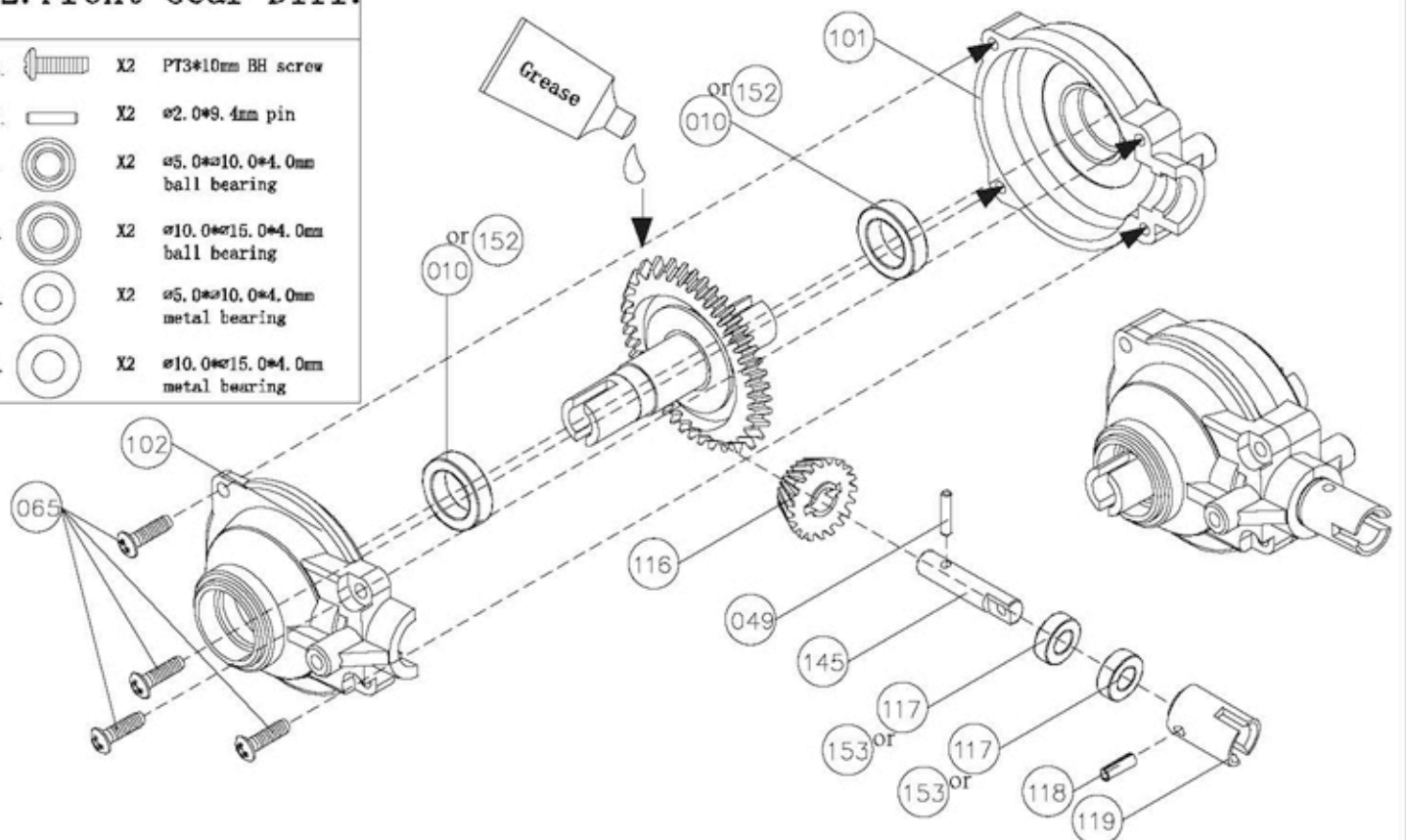
1. Front Gear Diff.

- 111.  X2 Bushing
- 105.  X2 $\varnothing 6.05 \times \varnothing 3 \times 1.0 \text{mm}$ washer
- 106.  X10 $\varnothing 1.5$ steel ball
- 115.  X12 $\varnothing 2.4$ steel ball
- 095.  X1 M3 grub nut







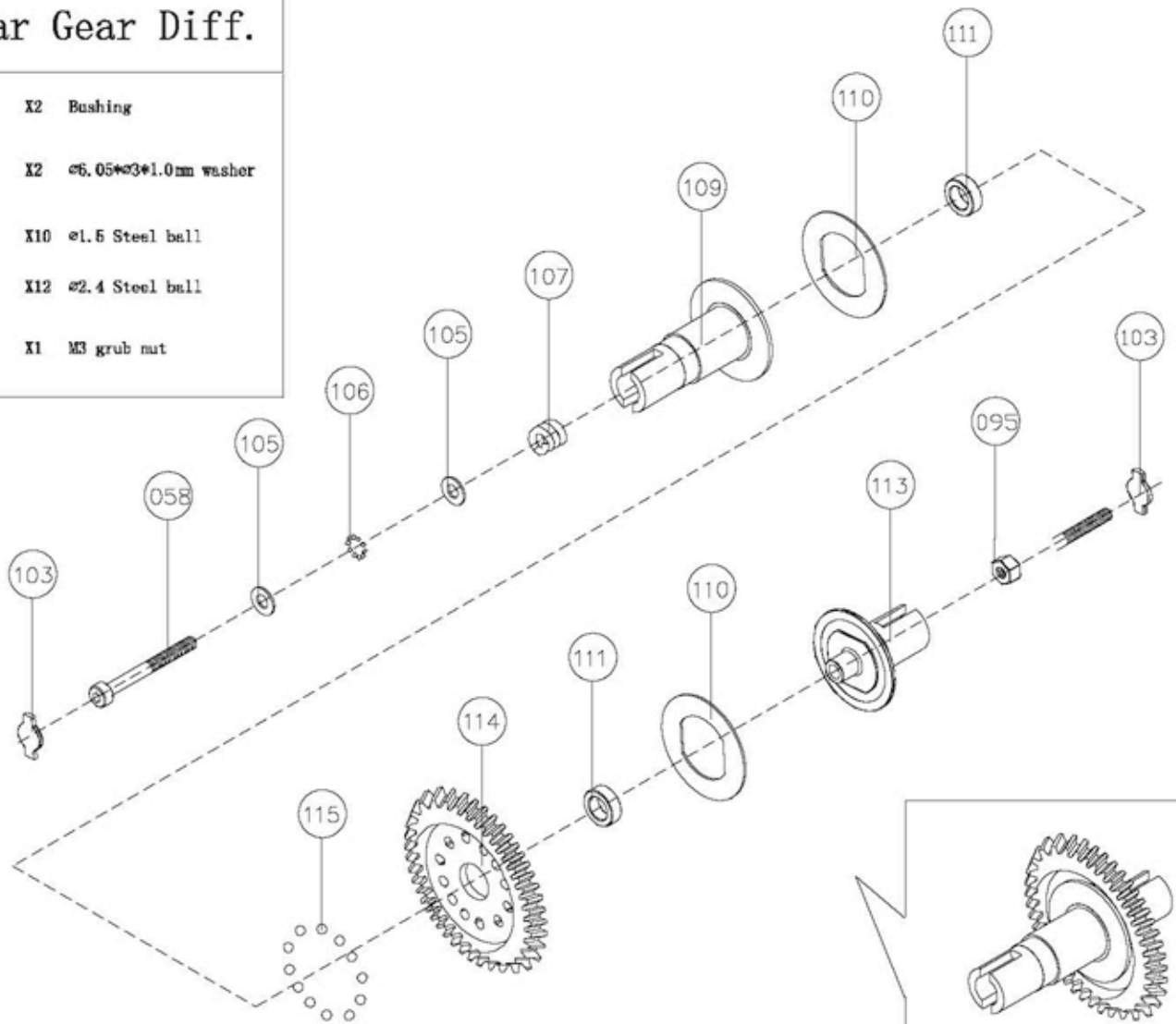
2. Front Gear Diff.

- 065.  X2 PT3x10mm BH screw
- 049.  X2 $\varnothing 2.0 \times 3.4 \text{mm}$ pin
- 117.  X2 $\varnothing 5.0 \times \varnothing 10.0 \times 4.0 \text{mm}$ ball bearing
- 010.  X2 $\varnothing 10.0 \times \varnothing 15.0 \times 4.0 \text{mm}$ ball bearing
- 153.  X2 $\varnothing 5.0 \times \varnothing 10.0 \times 4.0 \text{mm}$ metal bearing
- 152.  X2 $\varnothing 10.0 \times \varnothing 15.0 \times 4.0 \text{mm}$ metal bearing









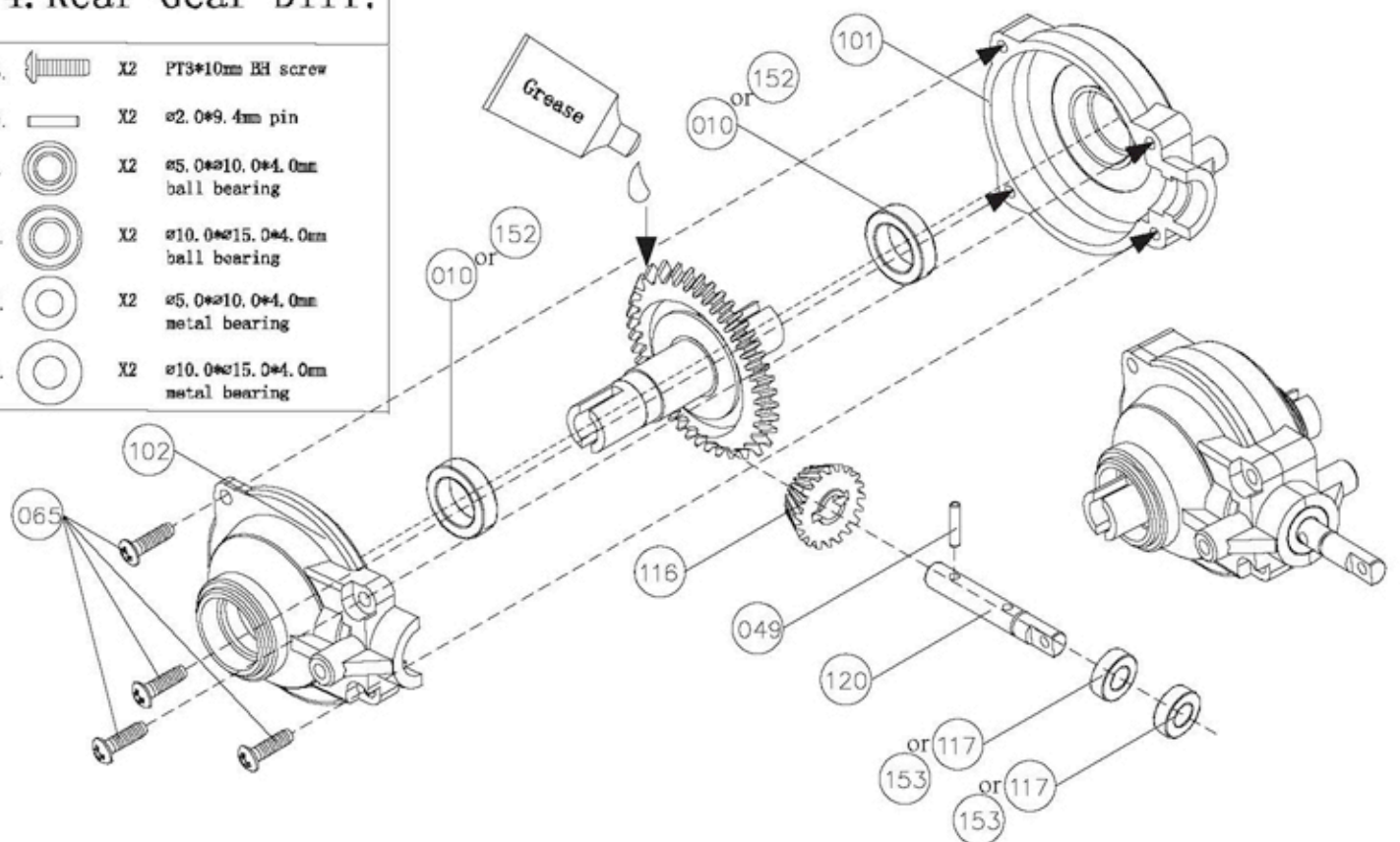
3. Rear Gear Diff.

- 111.  X2 Bushing
- 105.  X2 $\varnothing 6.05 \times \varnothing 3 \times 1.0$ mm washer
- 106.  X10 $\varnothing 1.5$ Steel ball
- 115.  X12 $\varnothing 2.4$ Steel ball
- 095.  X1 M3 grub nut











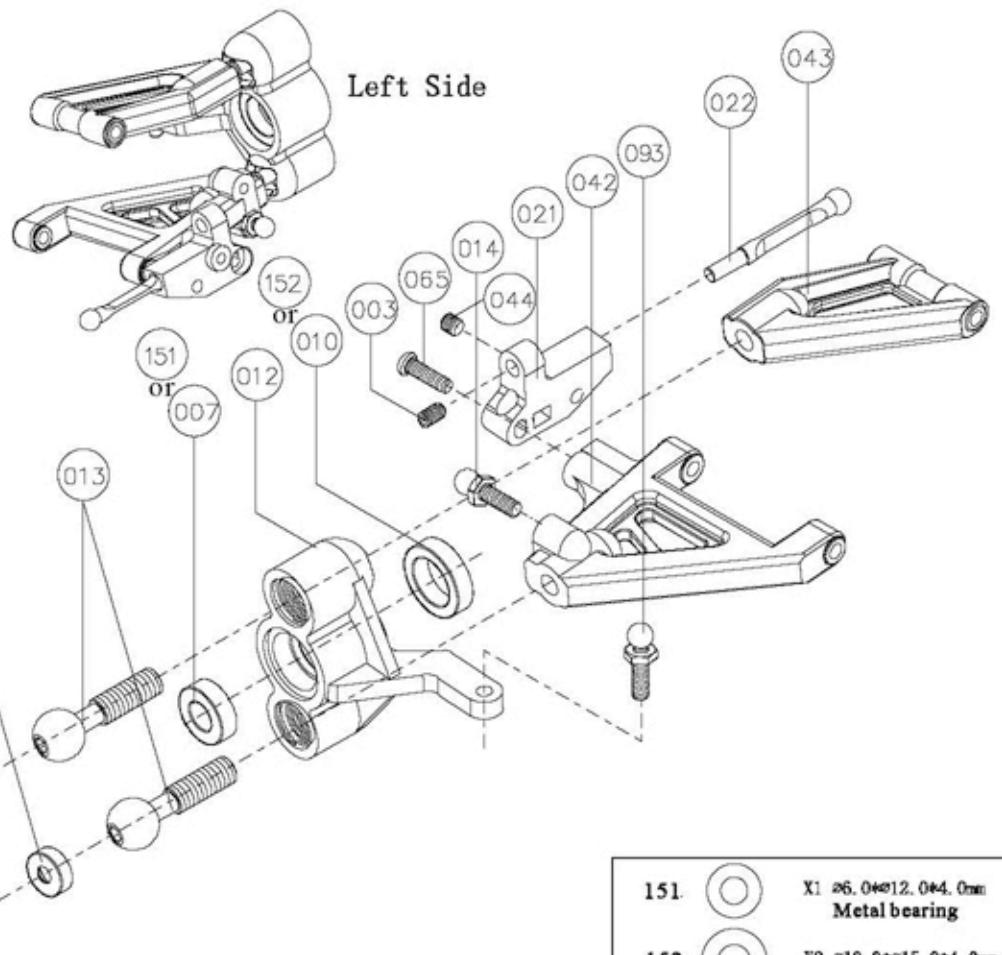
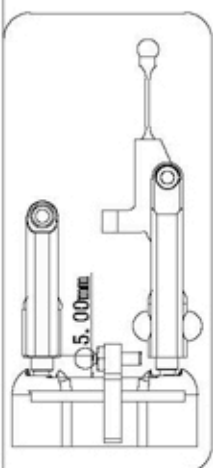
4. Rear Gear Diff.



- 065.  X2 PT3*10mm BH screw
- 049.  X2 $\varnothing 2.0 \times 9.4$ mm pin
- 117.  X2 $\varnothing 5.0 \times \varnothing 10.0 \times 4.0$ mm ball bearing
- 010.  X2 $\varnothing 10.0 \times \varnothing 15.0 \times 4.0$ mm ball bearing
- 153.  X2 $\varnothing 5.0 \times \varnothing 10.0 \times 4.0$ mm metal bearing
- 152.  X2 $\varnothing 10.0 \times \varnothing 15.0 \times 4.0$ mm metal bearing











5. Front Suspension

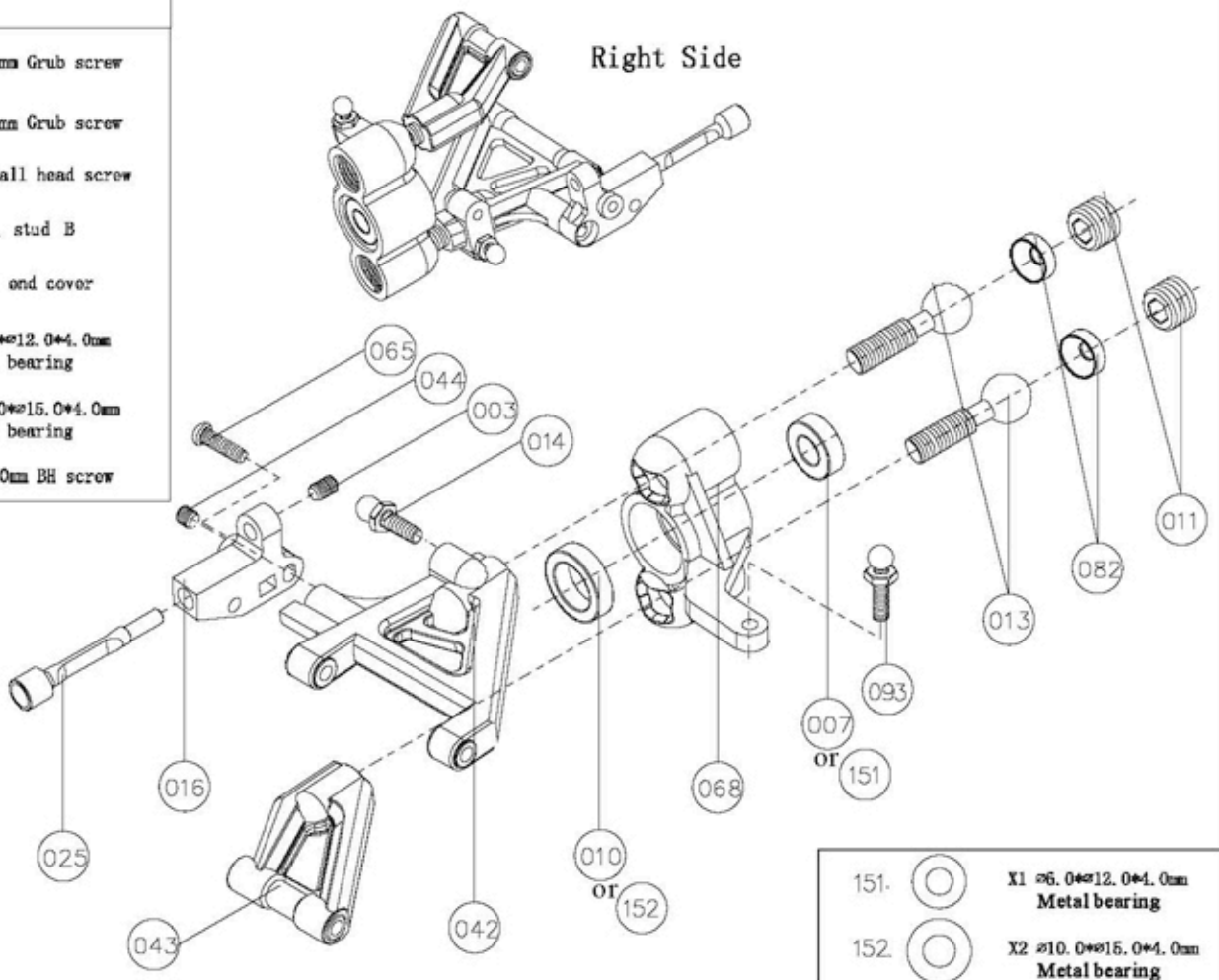
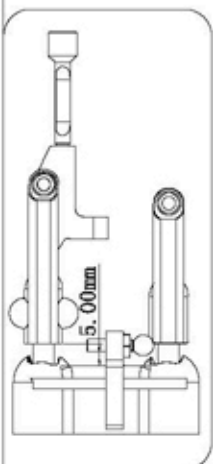
- 044.  X1 M3*3mm Grub screw
- 003.  X1 M4*8mm Grub screw
- 013.  X2 $\varnothing 5$ Ball stud screw
- 014.  X2 Ball stud B
- 011.  X2 Ball end cover
- 007.  X1 $\varnothing 6.0 \times \varnothing 12.0 \times 4.0\text{mm}$ Ball bearing
- 010.  X1 $\varnothing 10.0 \times \varnothing 15.0 \times 4.0\text{mm}$ Ball bearing
- 065.  X1 BT3*10mm BH screw





- 151.  X1 $\varnothing 6.0 \times \varnothing 12.0 \times 4.0\text{mm}$ Metal bearing
- 152.  X2 $\varnothing 10.0 \times \varnothing 15.0 \times 4.0\text{mm}$ Metal bearing


6. Front Suspension

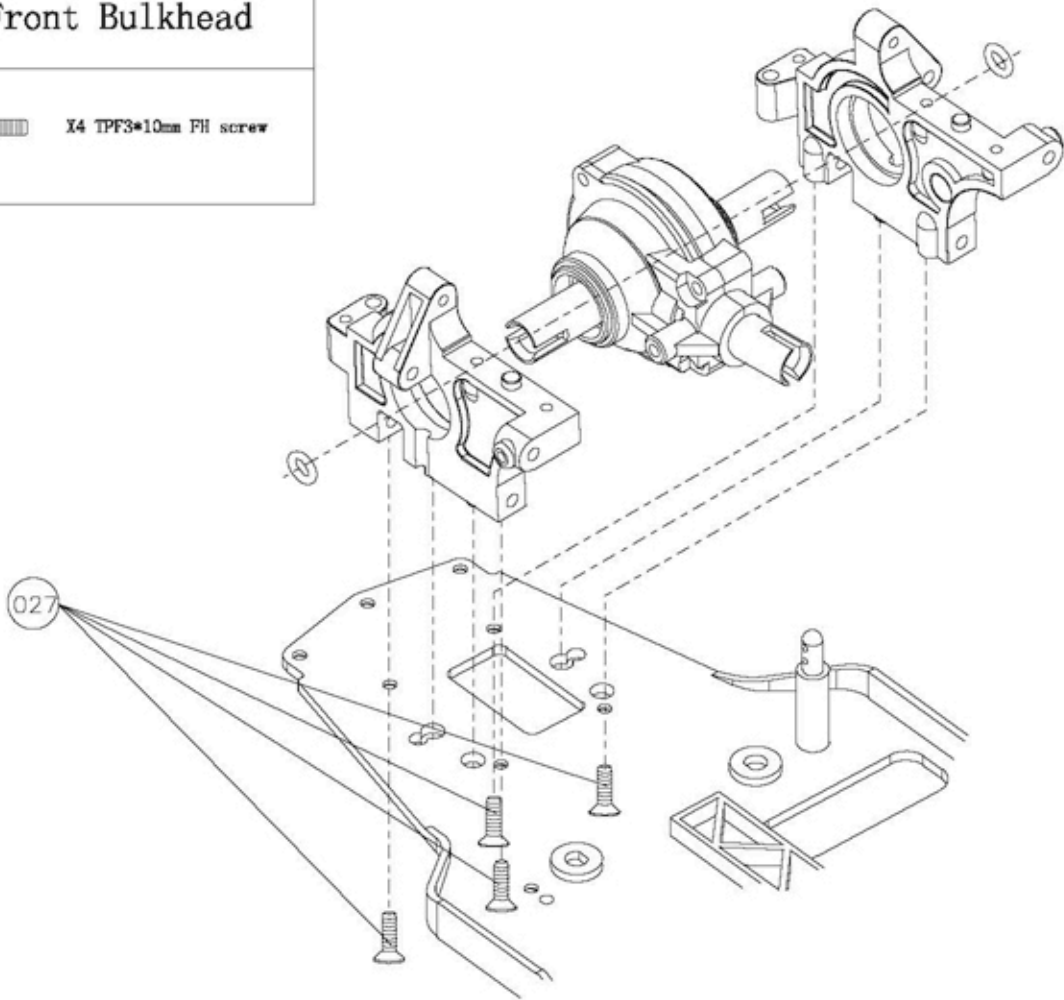
- 044.  X1 M3*3mm Grub screw
- 003.  X1 M4*8mm Grub screw
- 013.  X2 $\varnothing 5$ Ball head screw
- 014.  X2 Ball stud B
- 011.  X2 Ball end cover
- 007.  X1 $\varnothing 6.0 \times \varnothing 12.0 \times 4.0\text{mm}$ Ball bearing
- 010.  X1 $\varnothing 10.0 \times \varnothing 15.0 \times 4.0\text{mm}$ Ball bearing
- 065.  X1 BT3*10mm BH screw




- 151.  X1 $\varnothing 6.0 \times \varnothing 12.0 \times 4.0\text{mm}$ Metal bearing
- 152.  X2 $\varnothing 10.0 \times \varnothing 15.0 \times 4.0\text{mm}$ Metal bearing


7. Front Bulkhead

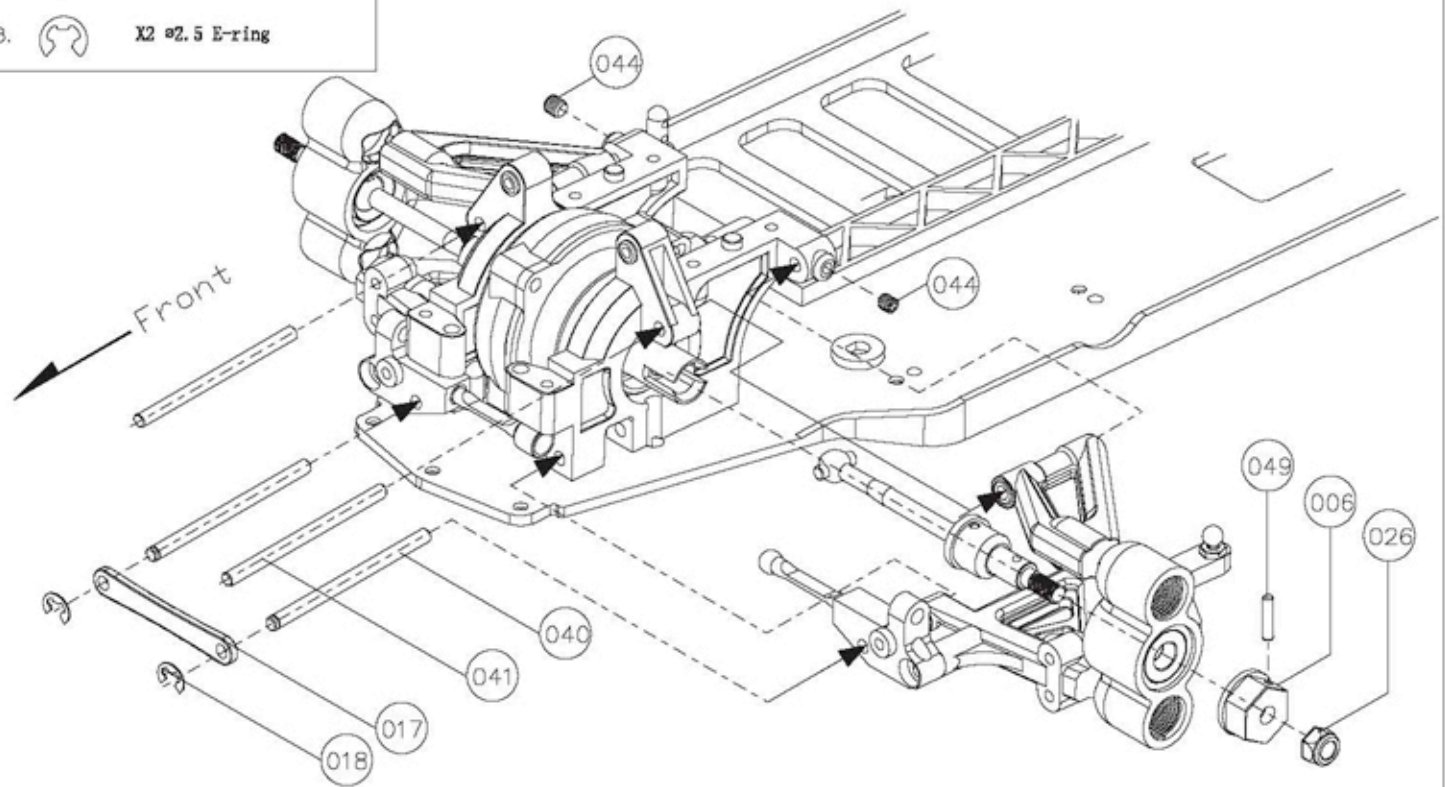
027.  X4 TPF3*10mm PH screw




8. Front Assembly

044.  X2 M3*3mm Grub screw











018.  X2 \varnothing 2.5 E-ring

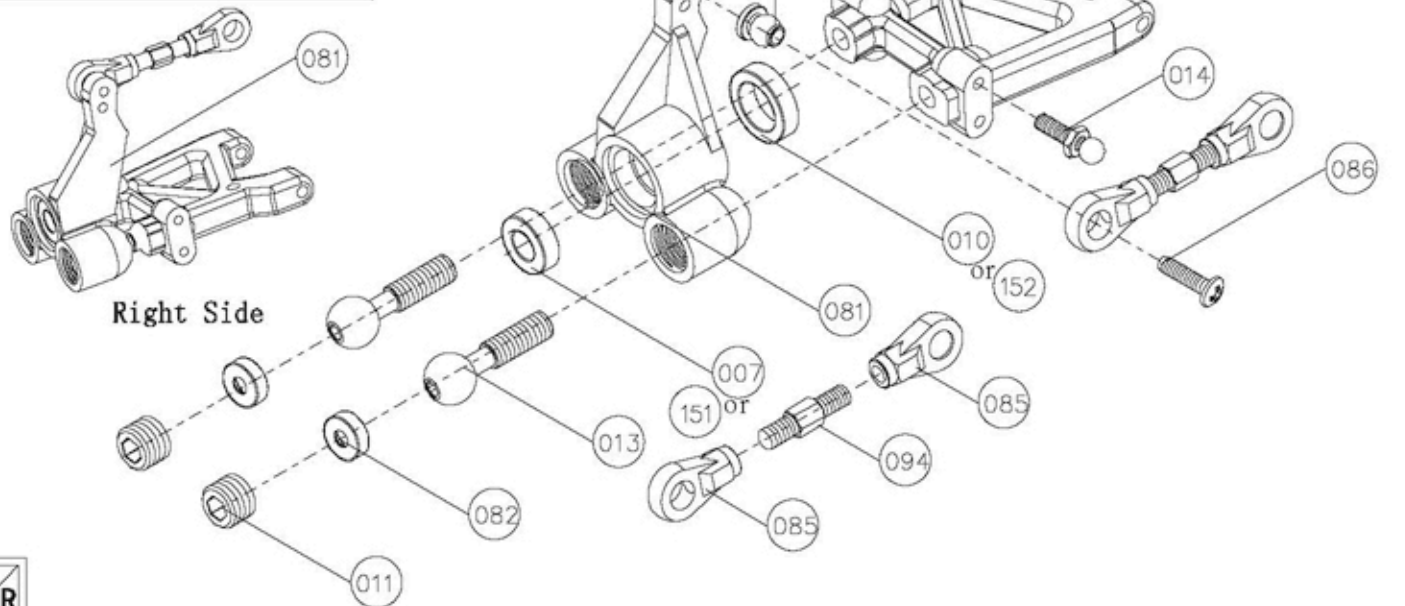
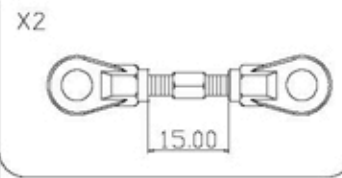
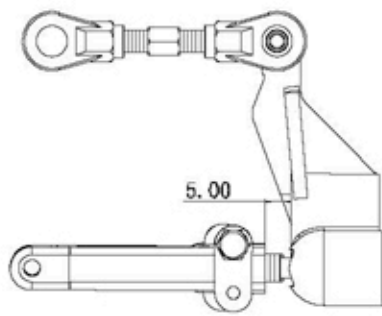


026.  X2 M4 Nylon nut




049.  X2 \varnothing 2.0*9.4mm Pin

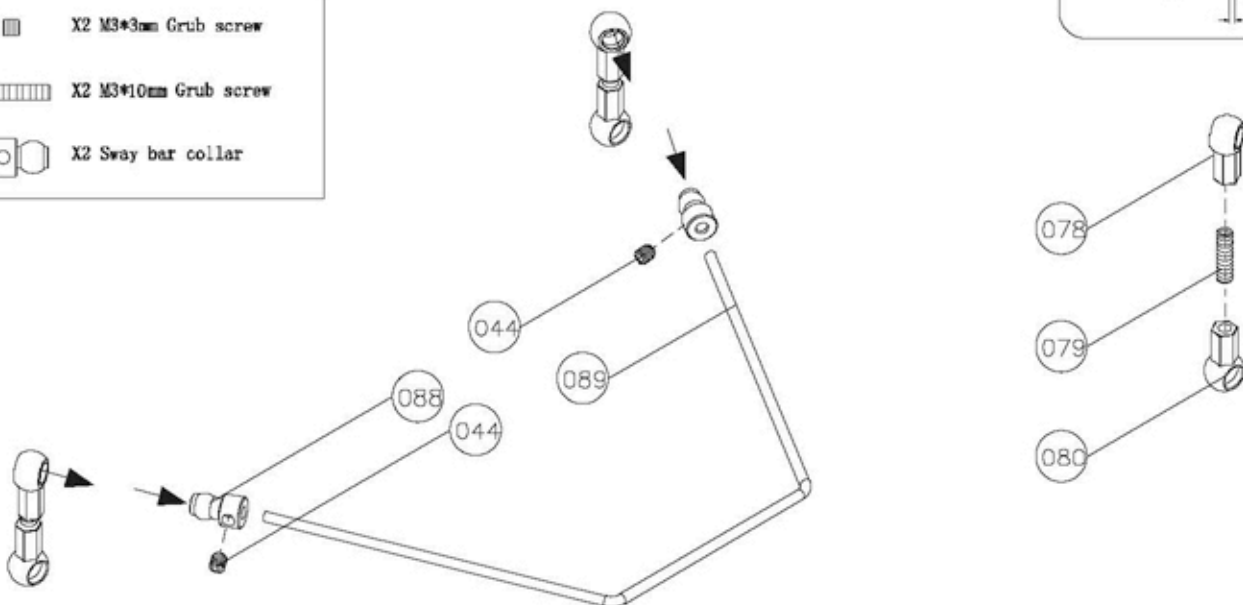
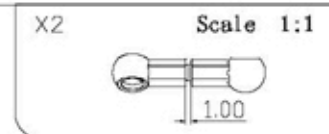
9. Rear Suspension

- 086.  X2 PT3*12mm BH screw
- 003.  X2 M4*8mm Grub screw
- 013.  X4 M5 Ball head screw
- 014.  X2 Ball end B
- 083.  X2 Ball C
- 011.  X4 Ball end cover
- 007.  X2 $\varnothing 6.0 \times 12.0 \times 4.0$ mm Ball bearing
- 010.  X2 $\varnothing 10.0 \times 15.0 \times 4.0$ mm Ball bearing
- 151.  X1 $\varnothing 6.0 \times 12.0 \times 4.0$ mm Metal bearing
- 152.  X2 $\varnothing 10.0 \times 15.0 \times 4.0$ mm Metal bearing





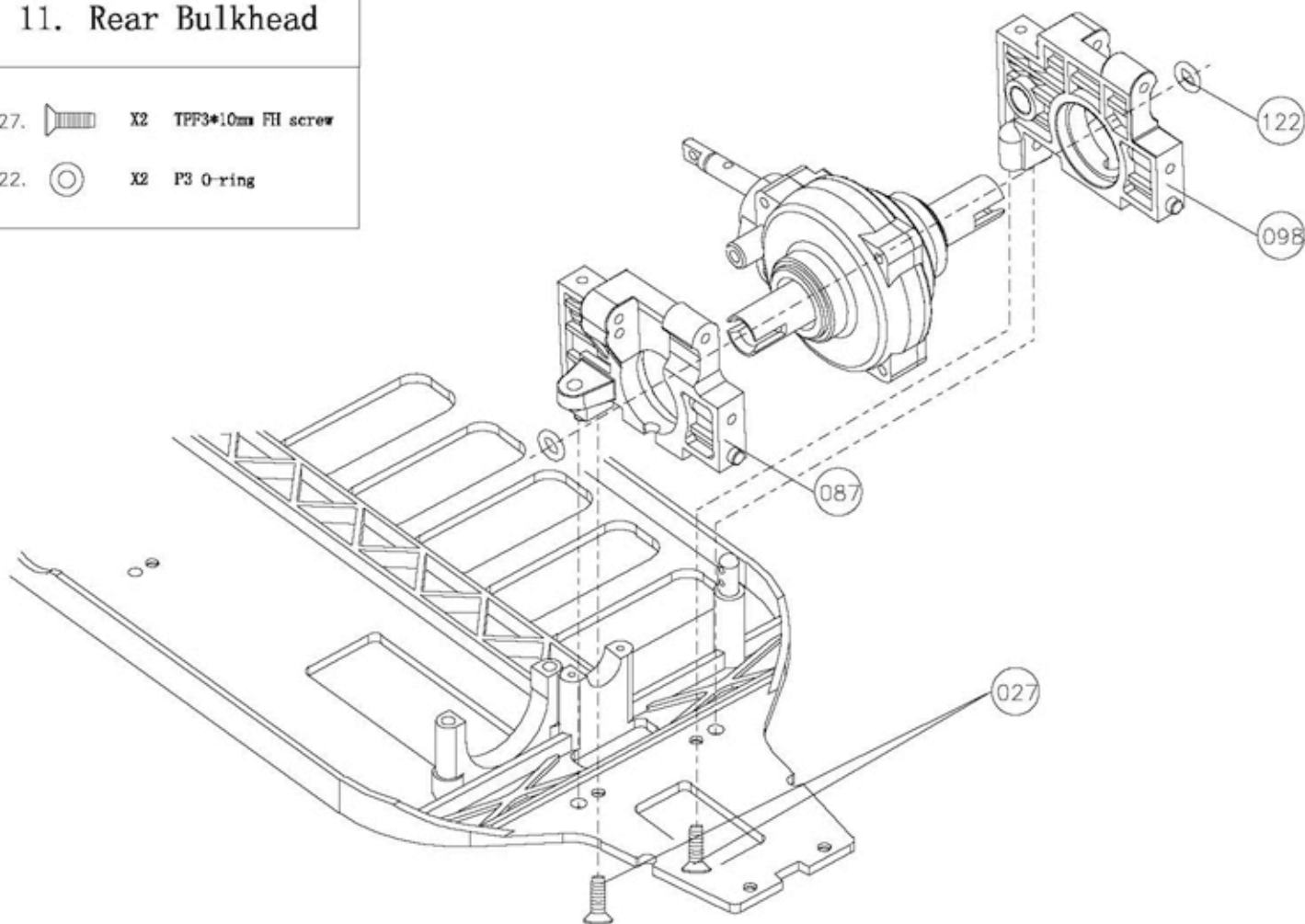
10. Rear Sway Bar

- 044.  X2 M3*3mm Grub screw
- 079.  X2 M3*10mm Grub screw
- 088.  X2 Sway bar collar







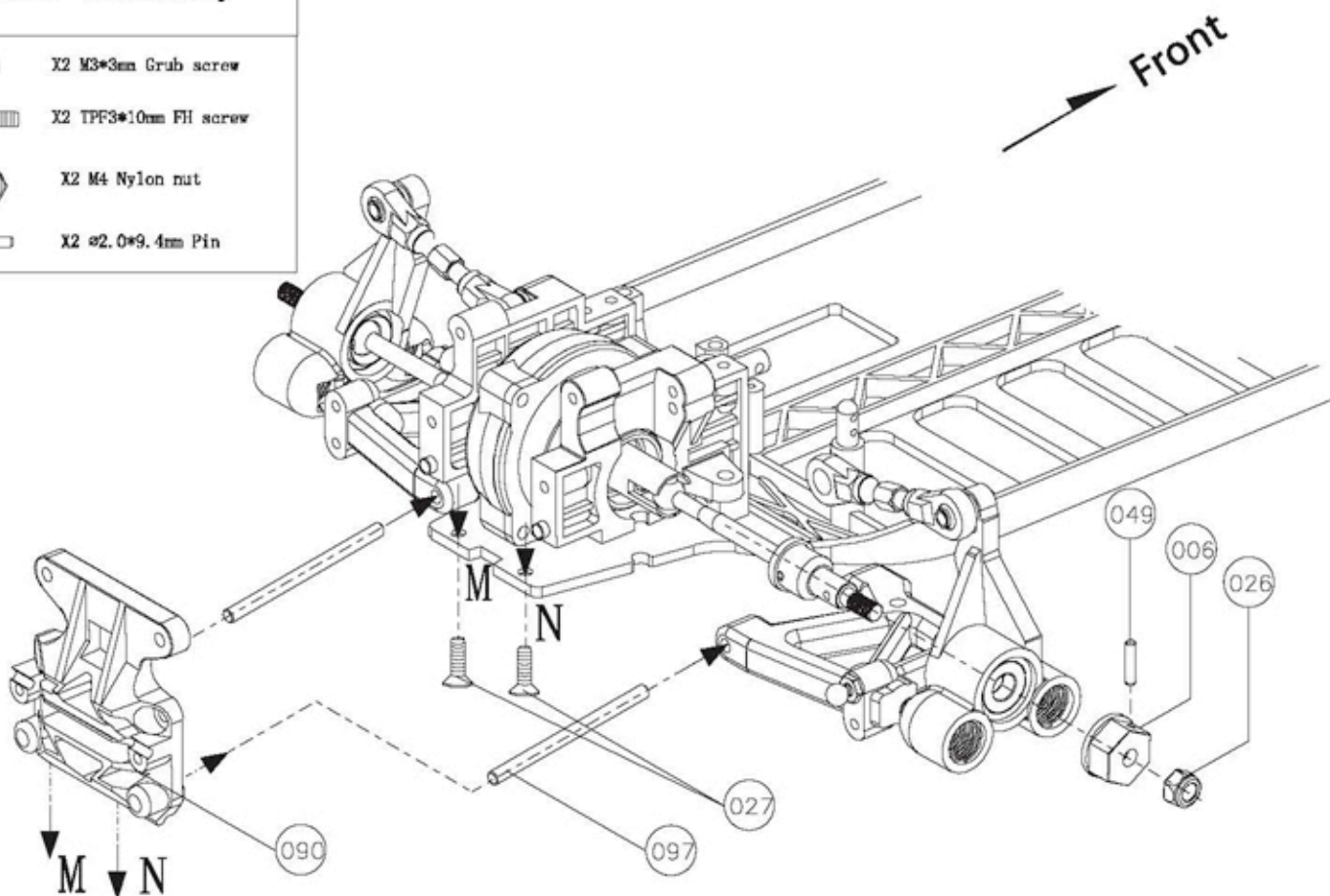
11. Rear Bulkhead

027.  X2 TPF3*10mm FH screw
122.  X2 P3 O-ring




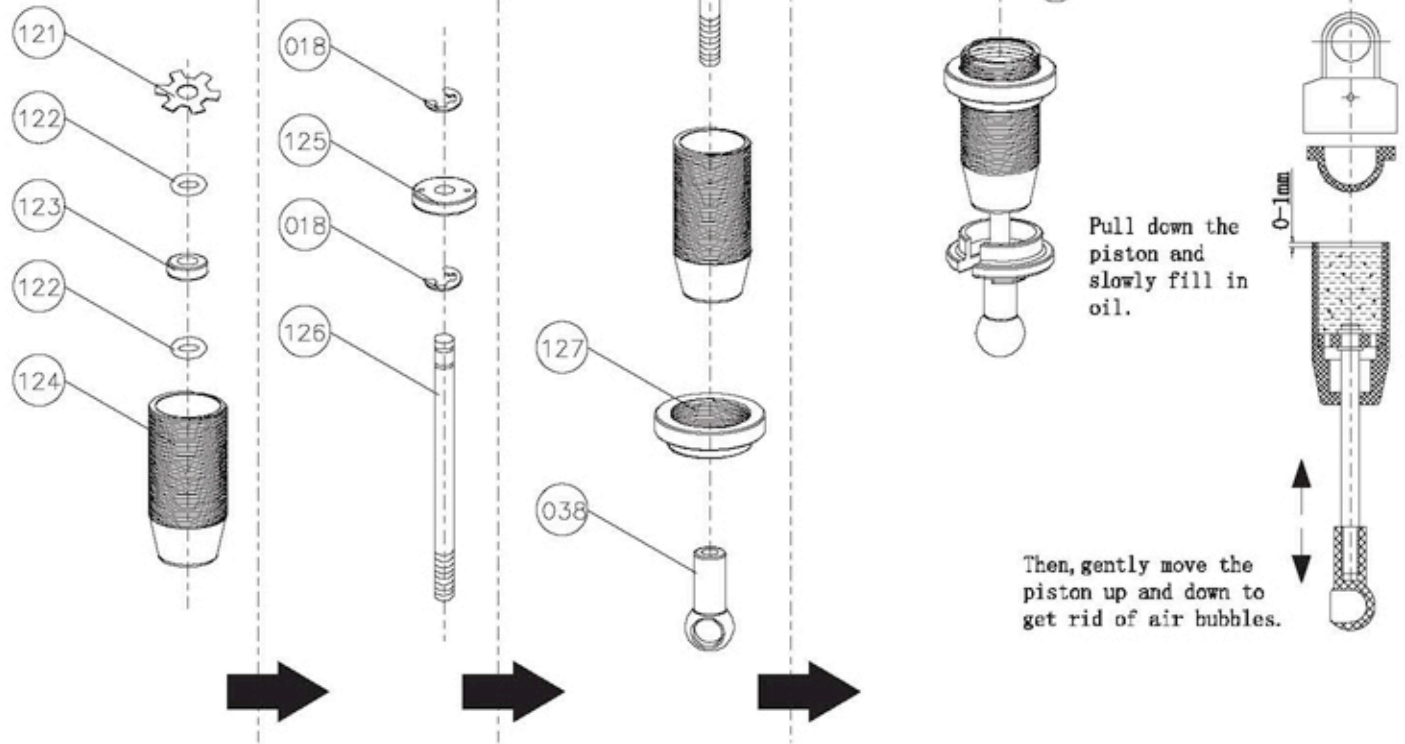
12. Rear Assembly

044.  X2 M3*3mm Grub screw
027.  X2 TPF3*10mm FH screw
026.  X2 M4 Nylon nut
049.  X2 ø2.0*9.4mm Pin

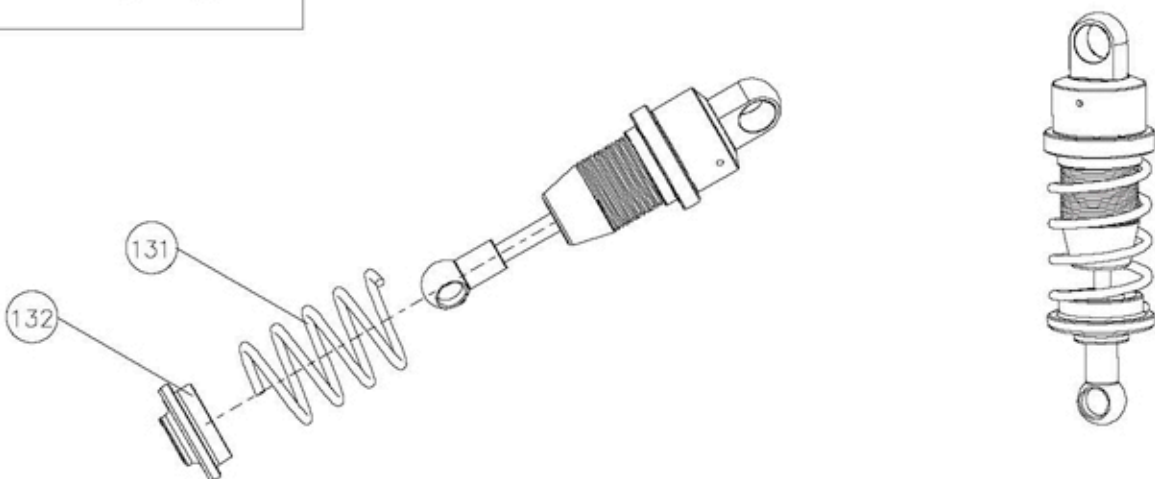


13. Shocks

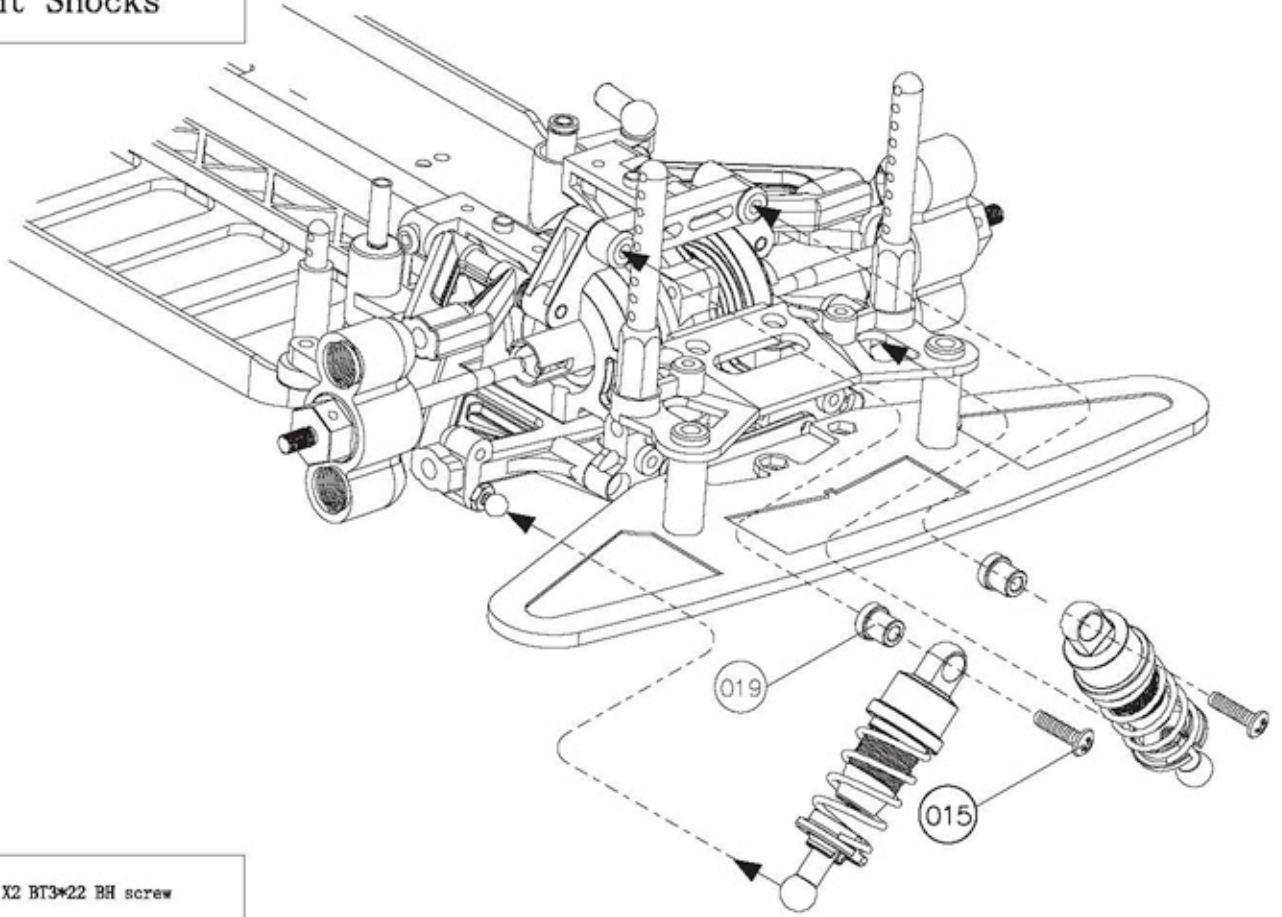
- 125.  X4 Piston
- 123.  X4 O spacer
- 122.  X8 P3 O-ring
- 018.  X8 $\varnothing 2.5\text{mm}$ E-ring
- 121.  X4 Hex. washer





14. Shock springs



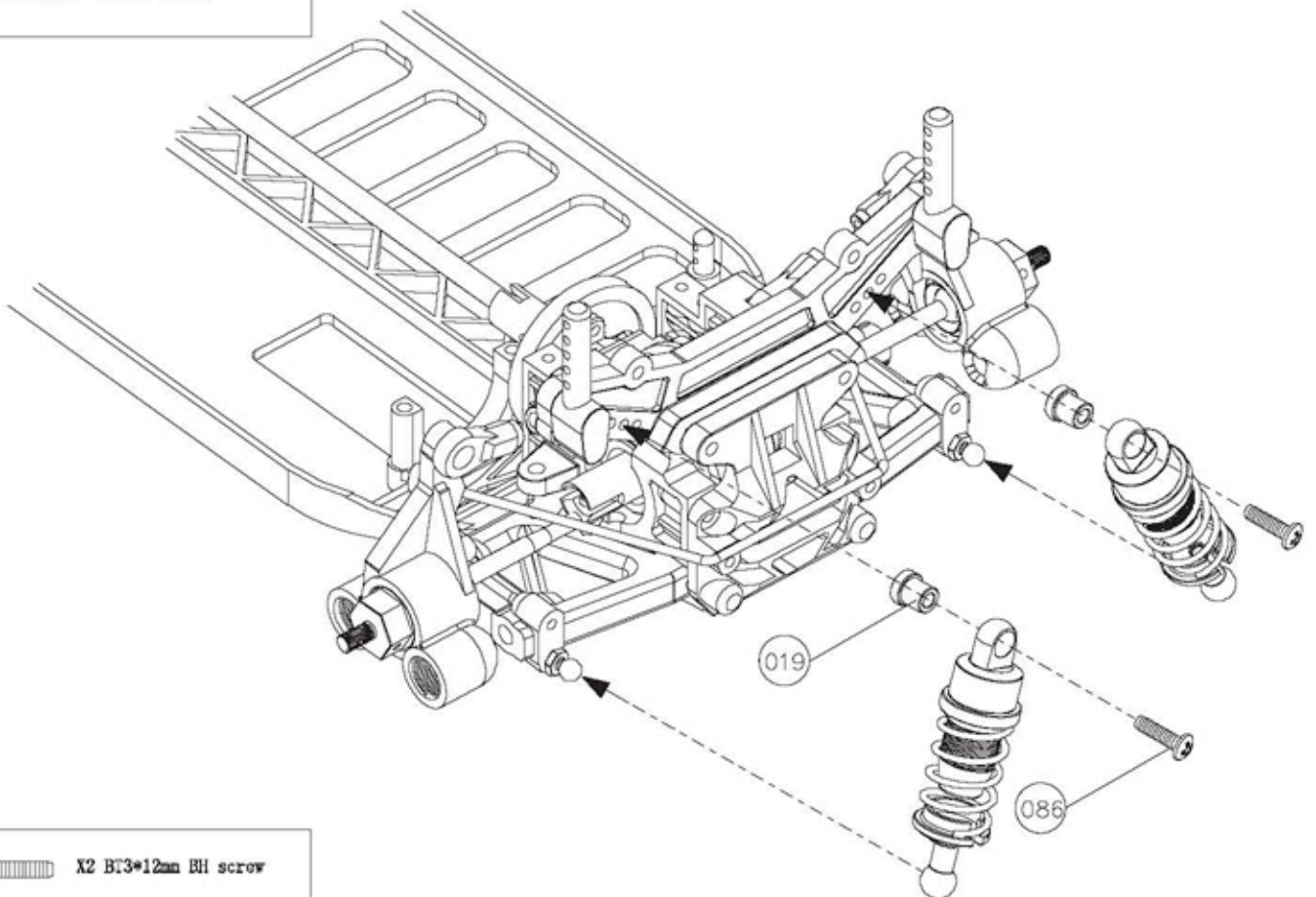
15. Front Shocks





015.  X2 BT3*22 BH screw

019.  X2 Shock sleeve spacer

16. Rear Shocks



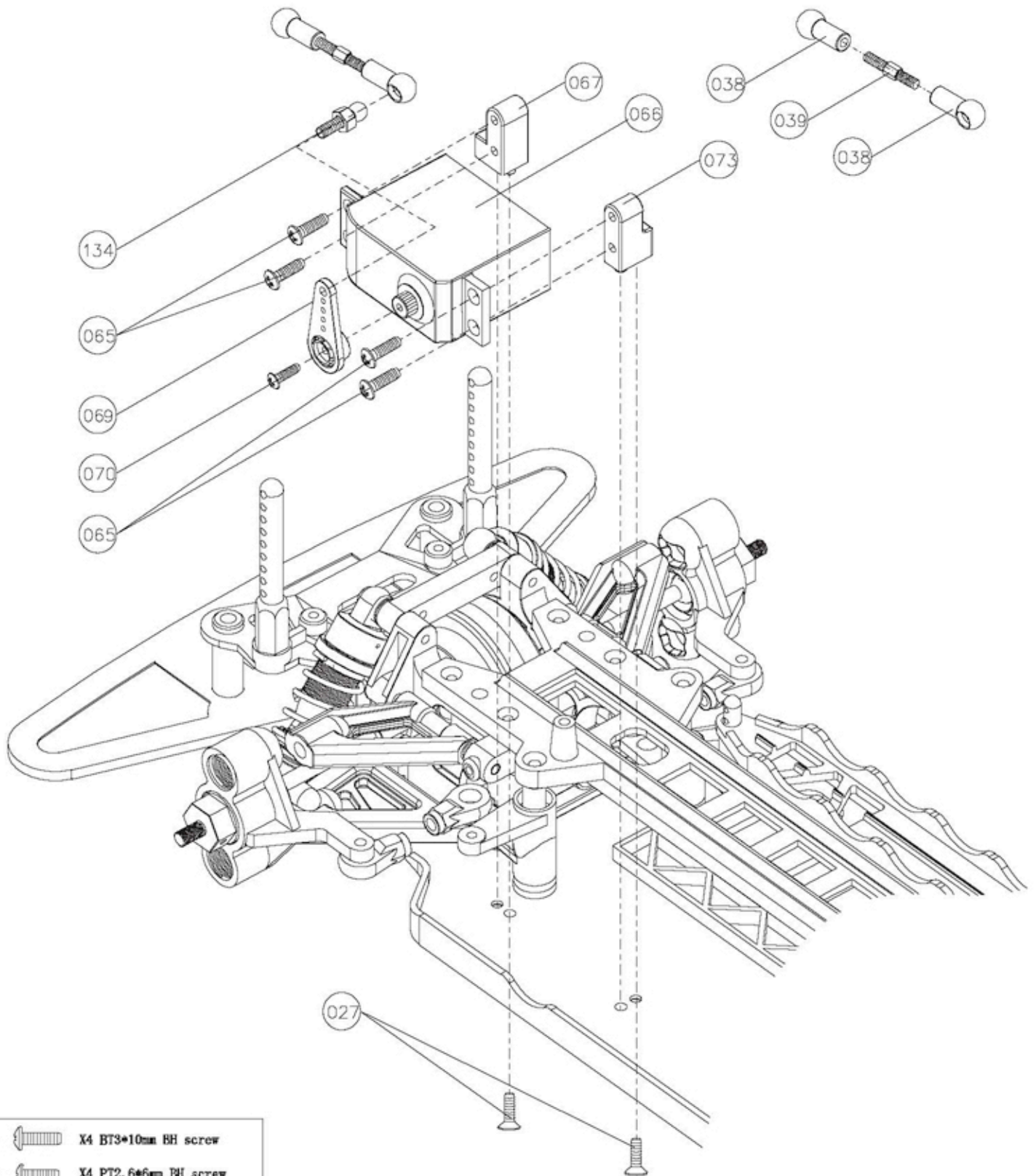
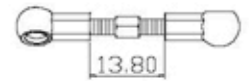
086.  X2 BT3*12mm BH screw






019.  X2 Shock sleeve spacer

17. Servo Mounting

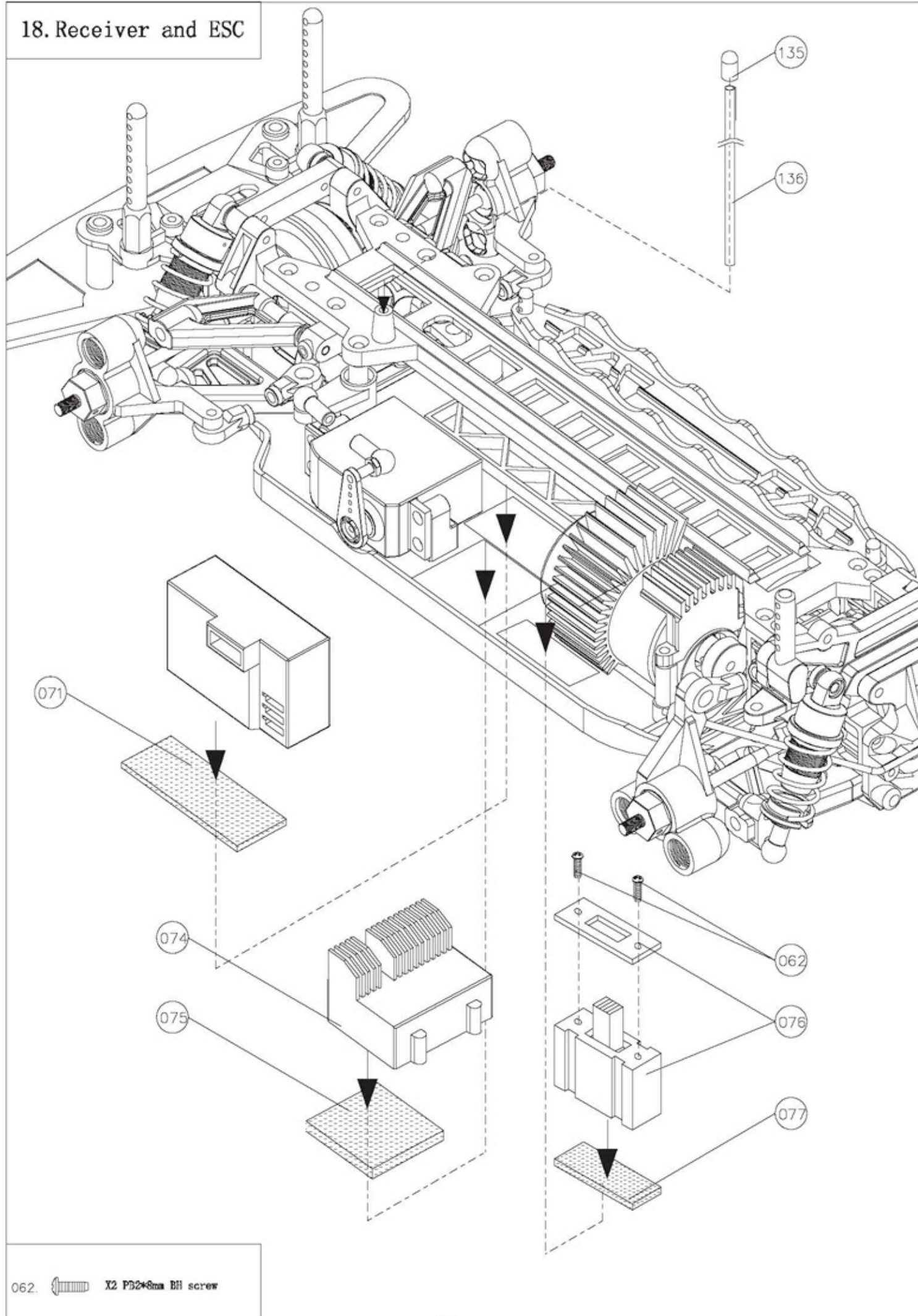
X1


Scale 1:1



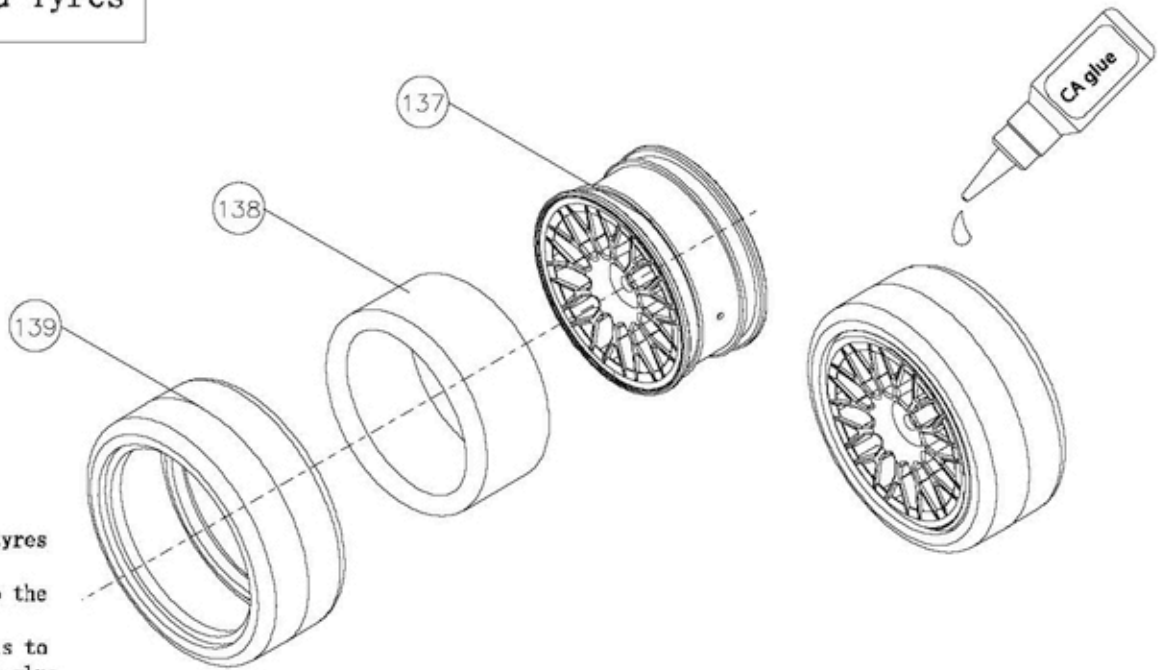
- 065.  X4 BT3*10mm BH screw
- 070.  X4 PT2.6*6mm BH screw
- 027.  X2 TPF3*10mm FH screw
- 134.  X1 Ball stud A
- 039.  X1 steering Ball cup linkage

18. Receiver and ESC



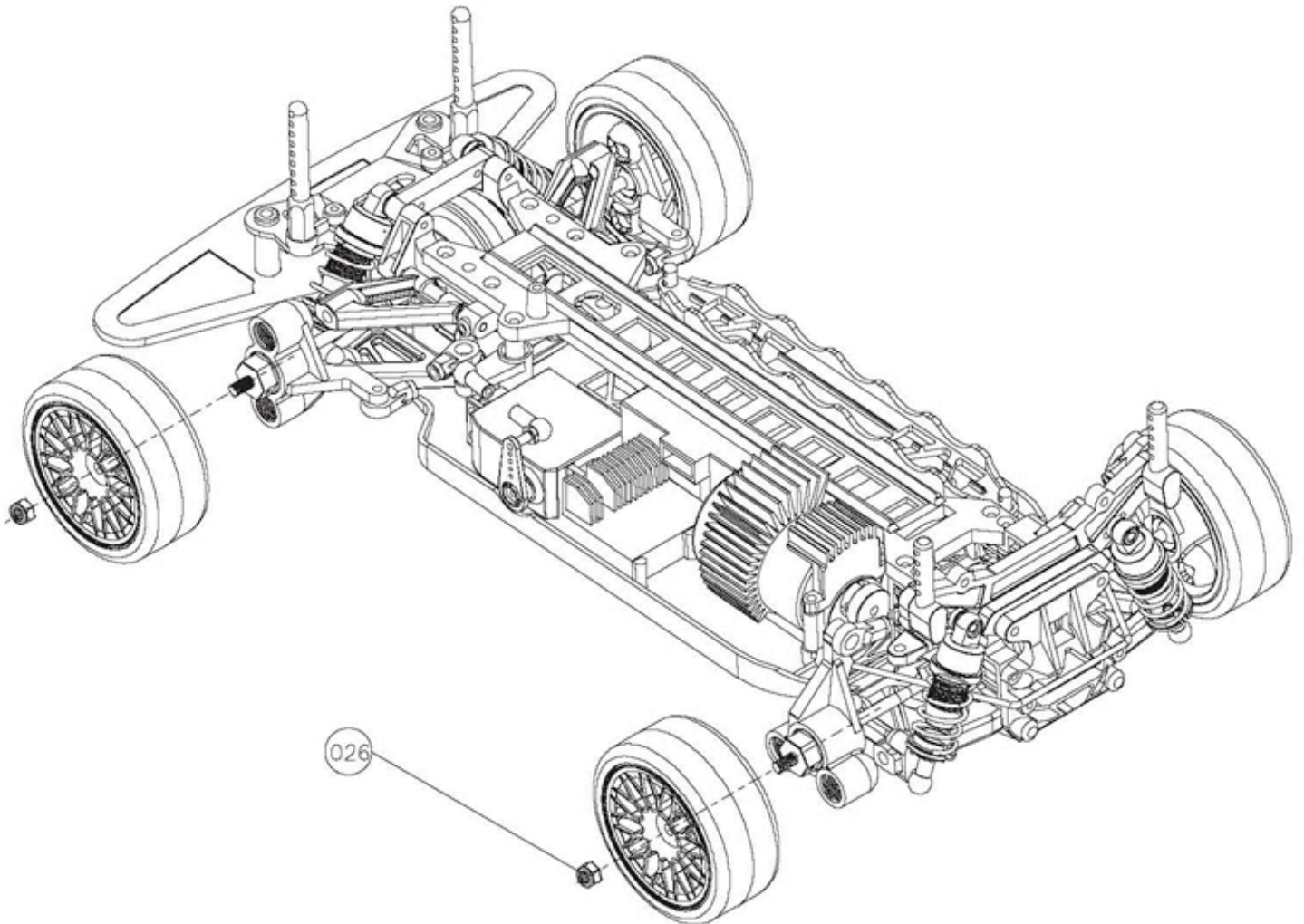
062.  X2 P32x6mm B11 screw


19. Wheels and Tyres



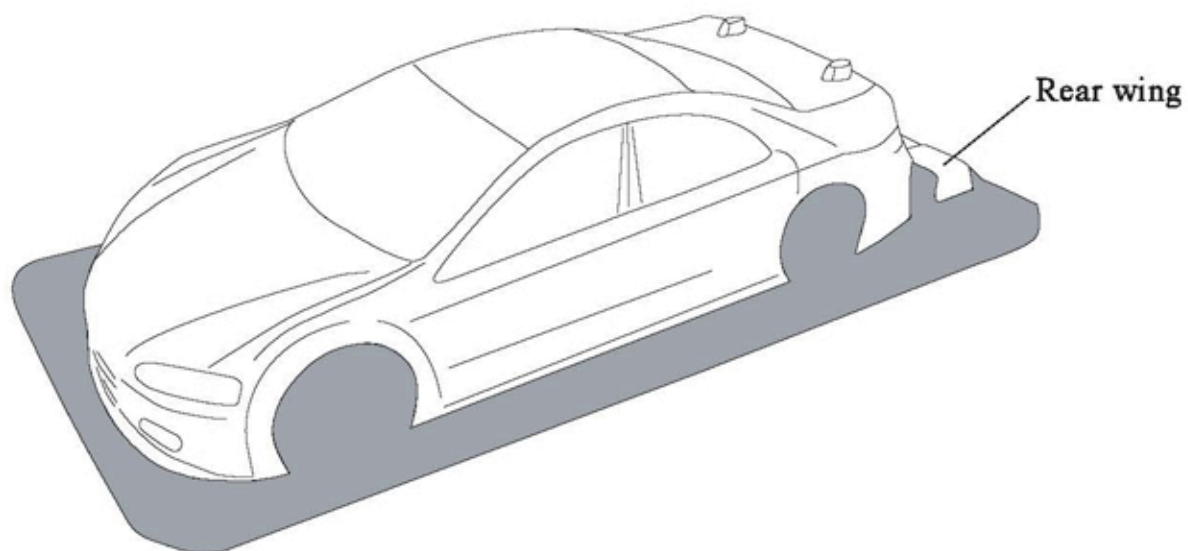
- Fit wheels inside tyres as shown.
- Twist the tyre onto the wheel.
- After fitting wheels to tyres, apply instant glue as shown.

20. Wheels Assembly



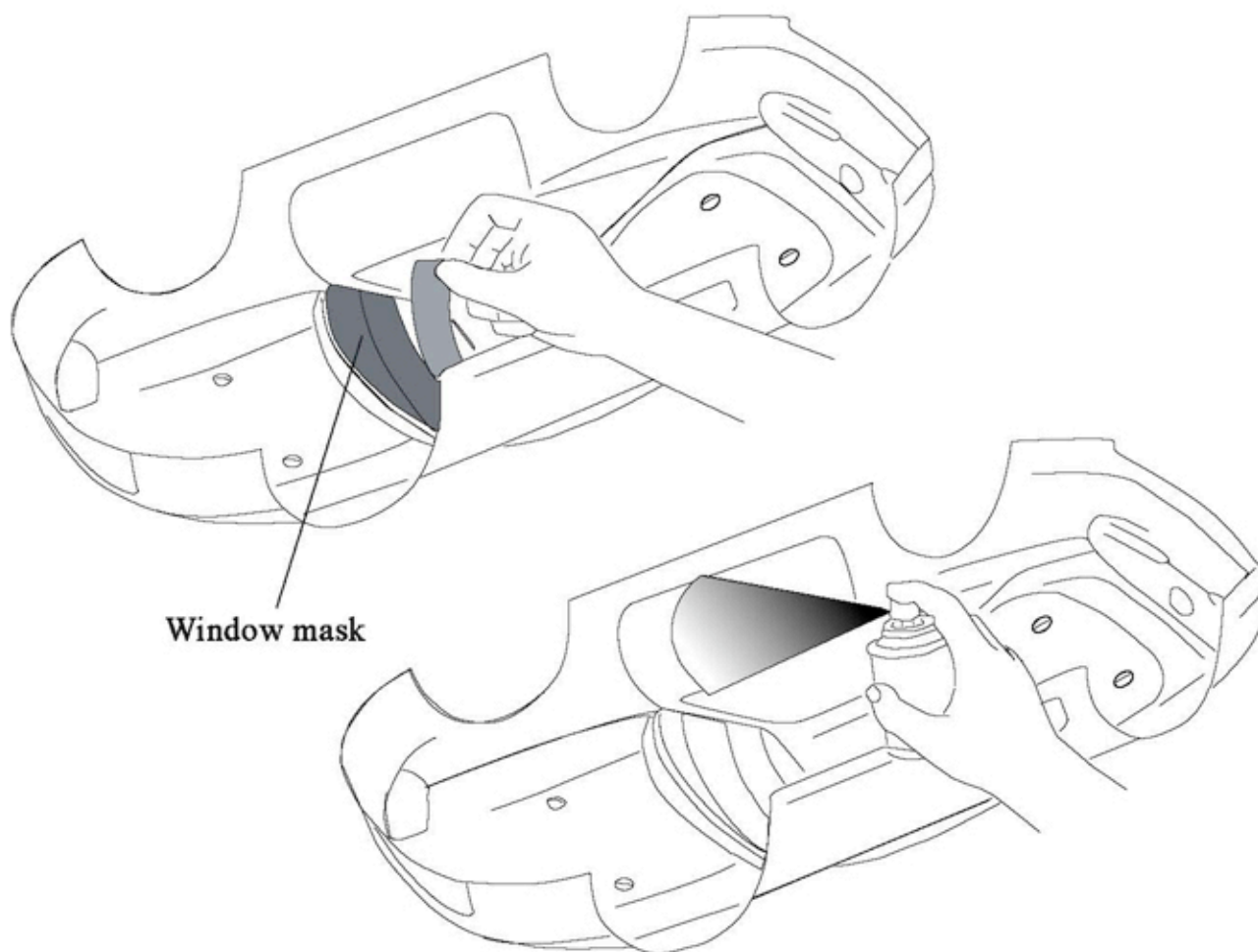
026.  X4 M4 Nylon nut

21. Body







Note: Cut off the shaded portion!

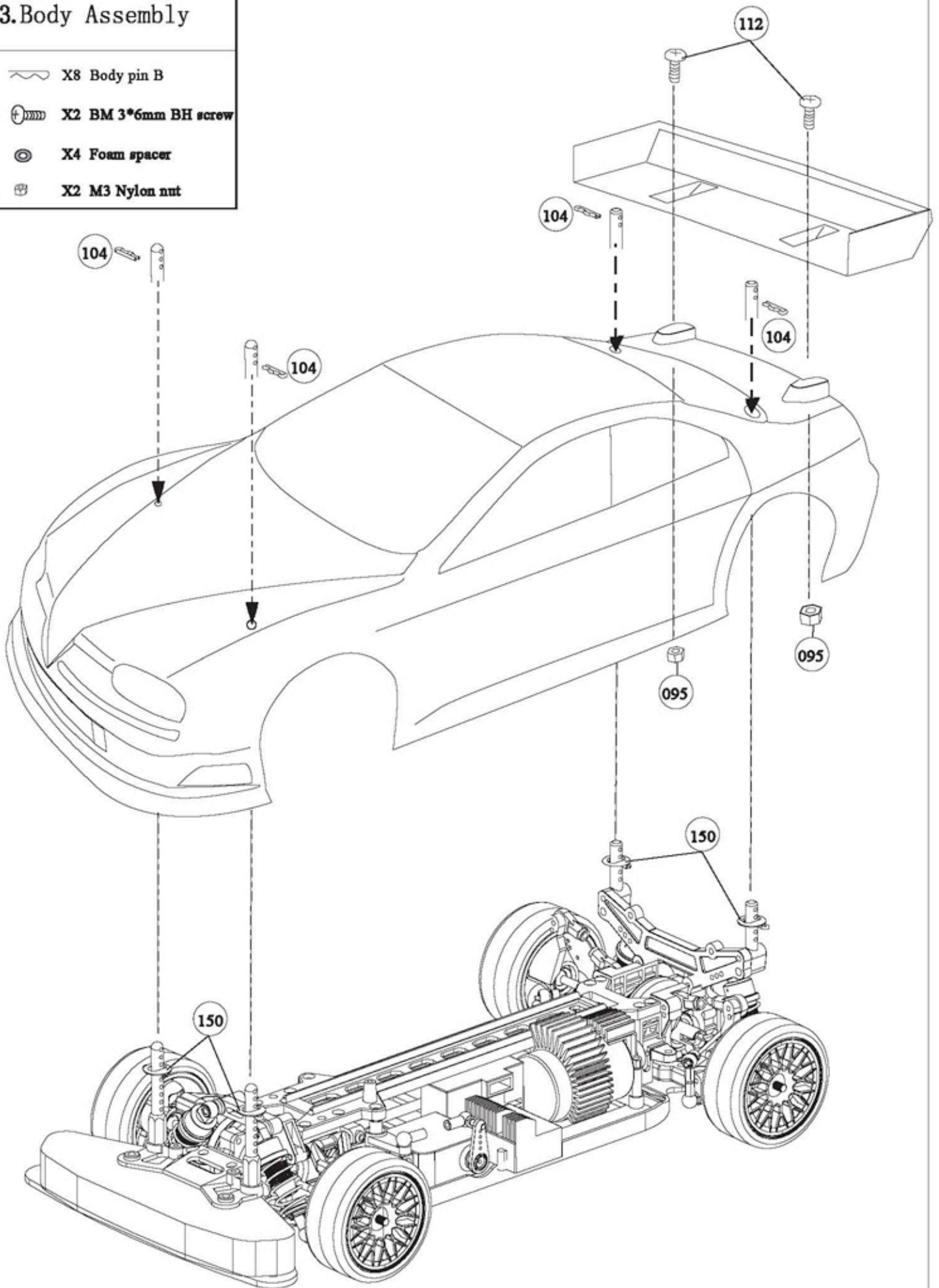
22. Painting



Note: Clean the inside of the body with warm water and dish soap before applying paint. Remove the protective film from the body shell after painting.

23.Body Assembly

- 104  X8 Body pin B
- 112.  X2 BM 3*6mm BH screw
- 150.  X4 Foam spacer
- 095.  X2 M3 Nylon nut



About radio system (Refer to radio manual)

Read the instructions that come with your radio. You should understand the operation of your transmitter. Place eight AA batteries in the transmitter. It is important that all the batteries are fresh.

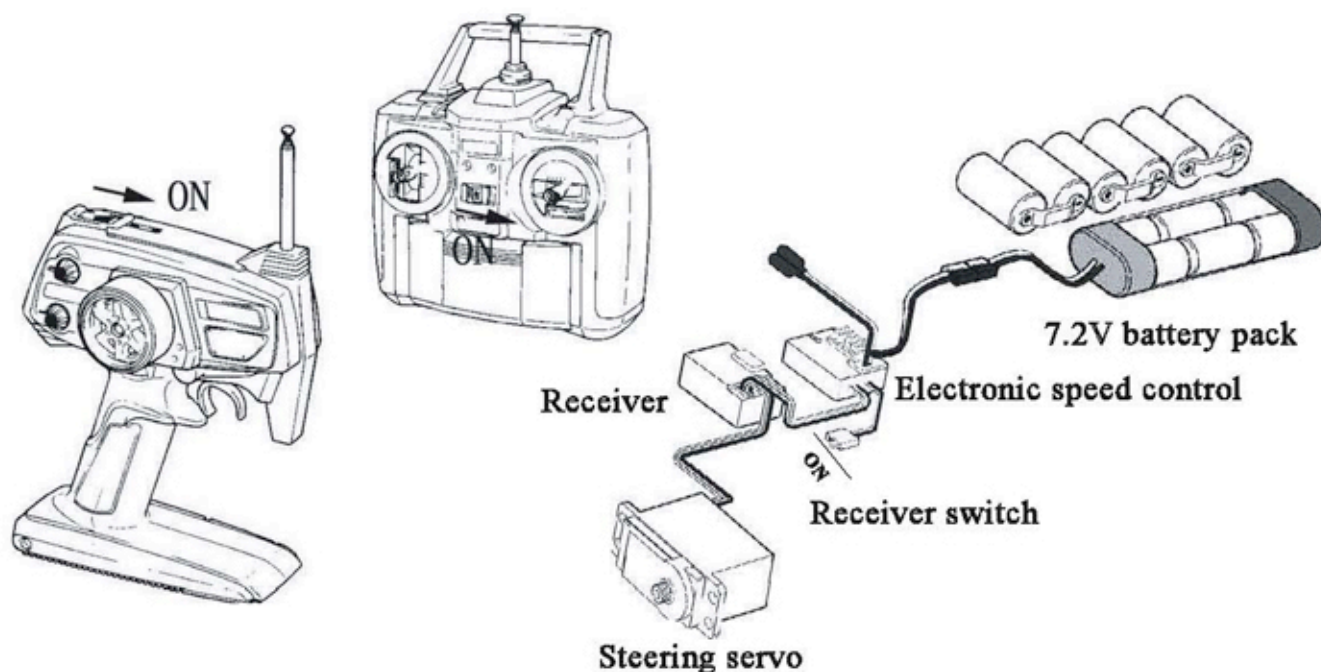
Always check the path and the condition of the battery case wires as well as the switch wires. A broken wire can cause a short circuit and lead to a loss of control.

Always turn your transmitter on first and off last. If you start your car before turning on your transmitter, you will lose control of the car and cause damage to property and your car.

Test the following radio functions:

Connect radio gear prior to installation to check for proper operation. Make sure the servo and trim settings are centered.

Refer to your radio owners manual for details on proper setup.



Checklist before running

Ensure all screws are securely tightened.

Ensure all moving parts move without binding.

Ensure the radio batteries are fresh. Ensure they are securely installed.

Ensure servos and linkages move without binding.

Ensure the area of operation is safe.

Ensure no one is on your frequency.

OPERATING YOUR MODEL SAFELY

1. Operate the model in open areas with no people around! Do not operate it:

- on public roads!
- in places where children and people are present!
- in residential districts and parks
- indoors and in confined areas.

Non-observance may account for personal injury and property damage!

2. Always check the batteries in the transmitter and the battery pack for the receiver!

When the batteries get weak, the transmission and reception of the radio decrease. You may lose control of your model then operating it under such conditions. This may lead to accidents.

3. Keep in mind that people around you might also be operating a radio control model!
Never share the same frequency with somebody else at the same time! Signals will be mixed and you will lose control of your model. This may lead to accident!
4. Always use approved ground frequencies!
5. When the model is behaving strangely...
Immediately stop the model and check for the cause. As long as the problem is unclear, do not operate the car! This may lead to further trouble and unforeseen accident!
6. Do not put fingers or any objects inside rotating and moving parts!
Parts rotate/move at high speeds, you may be seriously injured!
7. After using, do not touch equipment on the model such as the motor and battery because they may generate high temperatures! You may cause severe burns to yourself by touching them!

NOTICE:

Please check your differentials after the first run to make sure they are tight after break-in. A slipping diff can cause melted internal diff parts and a gritty feel.

NOTE:

The Trinity T-Spec is shipped assembled with a metric 48 pitch spur gear and pinion. A gear adapter that accepts Kimbrough and kimbrough pattern gears is included. You must remove the spur gear that came with the car and install the Kimbrough gear included with this kit in order to use standard USA 48 pitch pinion gears.

Please reference the instructions to install. The standard gear is one piece, the optional gear is 2 pieces, gear and adapter. The spur gear will install on the adapter using 2 flat head screws.

WARNING!

Motor Clamp: Note that use of excessive force or over tightening the motor clamp will cause it to snap. It will not be under warranty. You only need to snug up the clamp to secure the motor. It works on a cam principle and does not need to be over tightened.

The differentials on the T-Spec car are assembled using grease. On your first rebuild we recommend using a silicone diff lube like Trinity Slippage RC6072 or RC0292. We polish the rings with "Mothers Aluminum Polish" and very fine sandpaper. We use Trinity RC4443 motor spray to clean all parts after polishing and before assembly.