

1/10 SCALE 4WD EP SC TRUCK CHASSIS KIT

SC-A70
1/10 SCALE 4WD EP SC TRUCK CHASSIS KIT **EVO**

AutoRC

***Short Course*
INSTRUCTION
MANUAL**



#3110403

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Introduction

Thank you for purchasing this AutoRC product. AutoRC is a company specializes in development of RC racing, with rich experience in design and production of RC racing. SC-A10 is a pure short course chassis kit. We believe that you will experience the quality and performance when you operate it.

KIT Features

- Aluminium-Chassis,with Low-CG design
- With three differentials
- Metal gear differentials
- All gear with dustproof box
- 12mm hard-aluminum big-bore threaded shocks
- 12mm hex aluminium wheel hub
- 32 pitch spur gear
- Included 8 CNC parts
- Included 24 high-precision ball bearings
- Use the standard size Lipo battery

產品介紹

感謝你購買奧圖模型的產品。奧圖模型是一家專門開發模型車的公司,具有豐富的設計和生產模型車的經驗。SC-A10是一款純正的短道卡車車架,具備競賽級的性能。相信在你擁有SC-A10後,能親身體會其優良的品質和性能。

產品特點

- 高強度鋁合金底板,低重心設計
- 三差速器設計
- 金屬齒輪差速器
- 全車齒輪帶防塵殼設計
- 12mm活塞的大容量金屬絞牙避震器
- 金屬12mm車輪六角接合器
- 32P主齒輪
- 車架包含8件高精度CNC零件
- 包含24顆高精度滾珠軸承
- 可使用標準尺寸的鋰電池

This product is not a toy

radio controlled model racing is powerful, which make you experienced more fun. But improper operation could cause harm and personal injury. So please accept our suggestions as follows :

- This kit is not a toy. It is designed for users over 14 years of age.
- This kit includes many small parts. assemble and store this kit only in place out of the reach of children.
- Please choose a more spacious venue to operate the racing. Avoid public roads, or crowded place operation.
- During the racing debugging process, do not put hand or any objects inside rotatingand moving parts.

本產品不是玩具

模型車配置強勁的動力,因而能帶來更多的操控樂趣,但是如果操作不當,也可能引發對人體的傷害。因此請接受我們如下的建議：

- 本產品不是玩具,不適用14歲以下的兒童。
- 本產品包含很多細小的零件,所以在組裝和存放時請遠離兒童,避免對兒童造成傷害。
- 請在寬闊的場地操作本產品,應遠離公路,以及人多的場合。
- 產品運作中,請勿觸碰任何運轉的零件以防意外。

Before you begin

This manual contains the instructions and tips for building your SC-A10 kit. Please take a moment to read through this manual.

During assembly, according to the requirement of the build-stage, you only open one bag at a time, following the correct sequence of assembly.

組裝前說明

這本說明書包含了SC-A10組裝步驟和組裝提示,請在組裝時細致閱讀這本說明書。

組裝時請根據裝配步驟的提示,逐步開啟所需的包裝袋,按照裝配步驟中的內容進行組裝。

Required items [not included in kit] 另需的物品(不包含在套件內)



Body



Wheel



Motor



ESC



Transmitter



Battery



Charger



Servo



Receiver



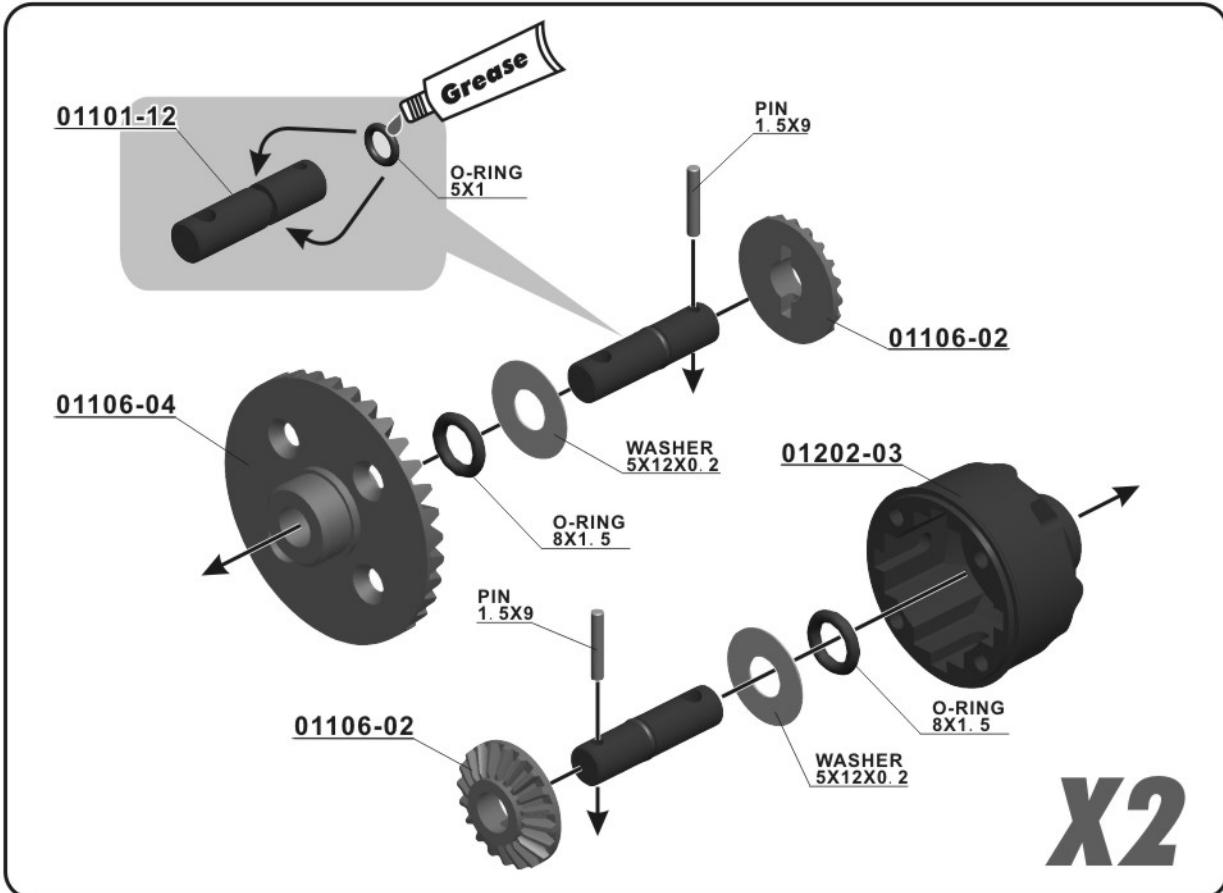
Screwdriver 1.5&2.0&2.5



Cutting Nippers



Wrench 5.5mm

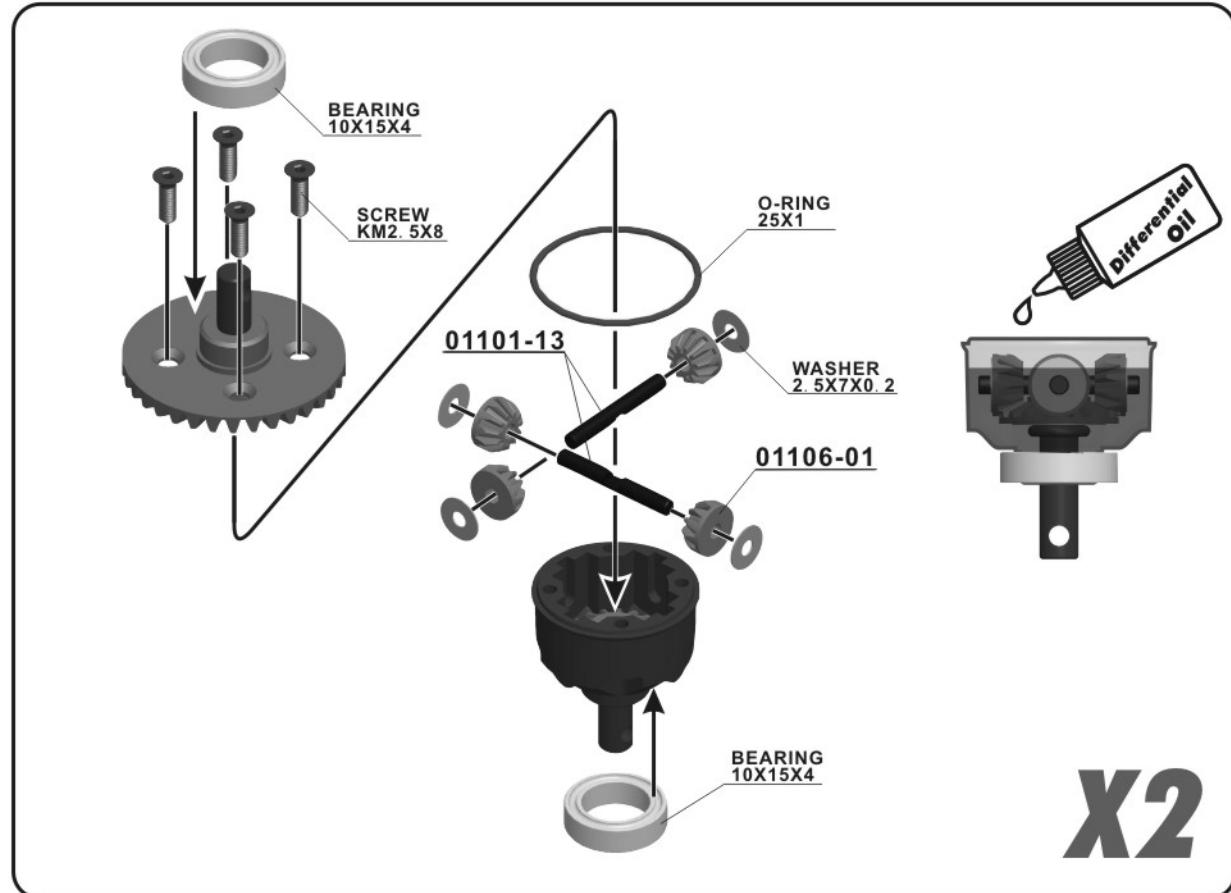
1PIN
1.5X9
X4WASHER
5X12X0.2
X4O-RING
5X1
X4O-RING
8X1.5
X401101-12
X401106-02
X4**Differential Assembly**

2SCREW
KM2.5X8 X8WASHER
2.5X7X0.2 X8O-RING
25X1 X2BEARING
10X15X4 X4

01101-13 X4



01106-01 X8

**X2****Differential Assembly**

3

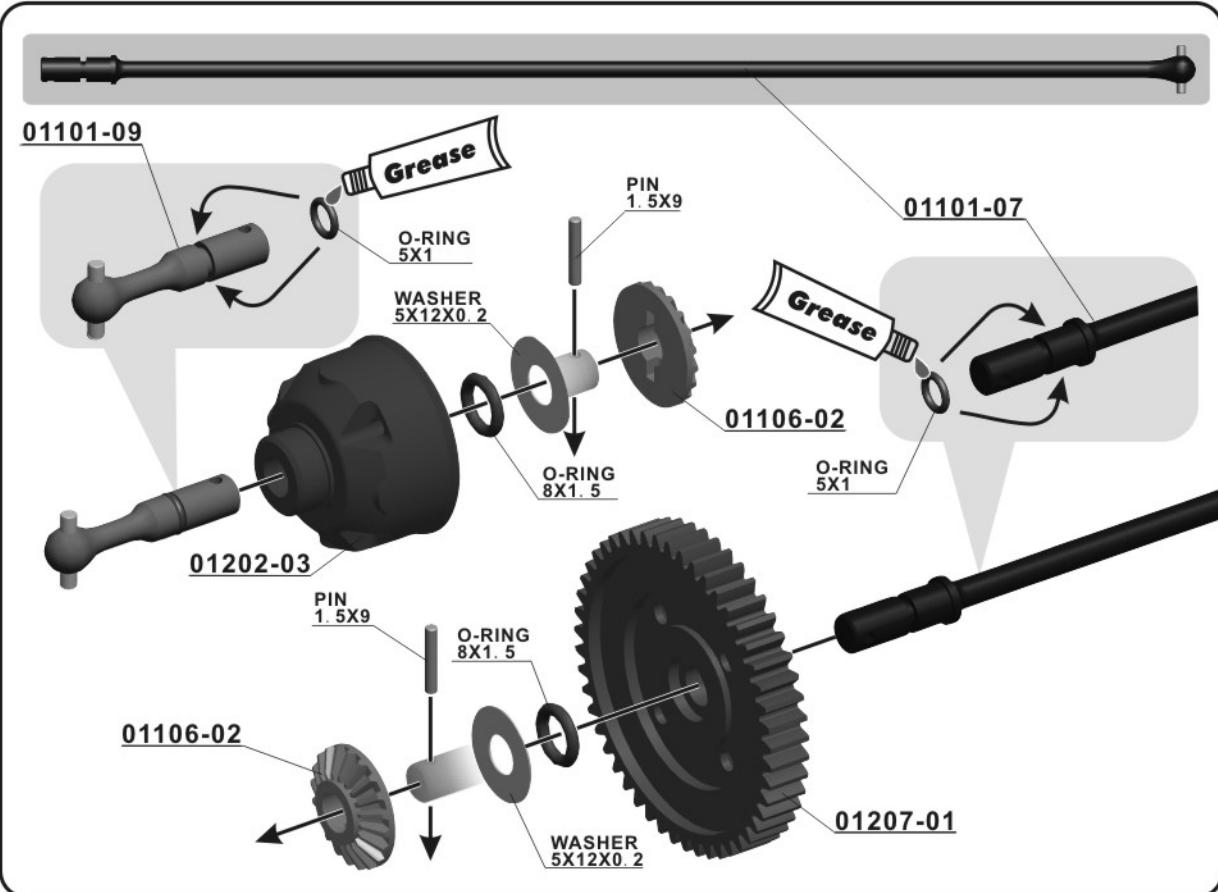
PIN
1.5X9 X2

WASHER
5X12X0.2 X2

O-RING
5X1 X2

O-RING
8X1.5 X2

01106-02 X2

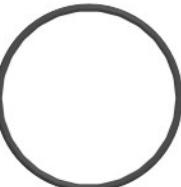


Center Differential Assembly

4

SCREW
KM2.5X8 X4

WASHER
2.5X7X0.2 X2



O-RING
25X1 X1



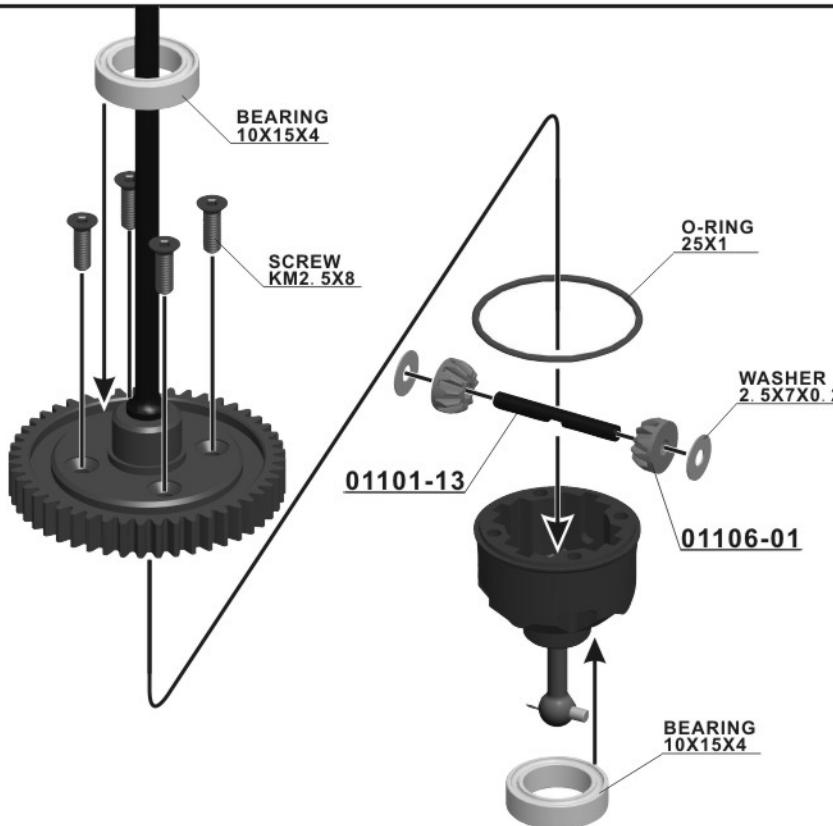
BEARING
10X15X4 X2



01101-13 X1



01106-01 X2



Center Differential Assembly

5



SCREW
KM2.5X8 X2



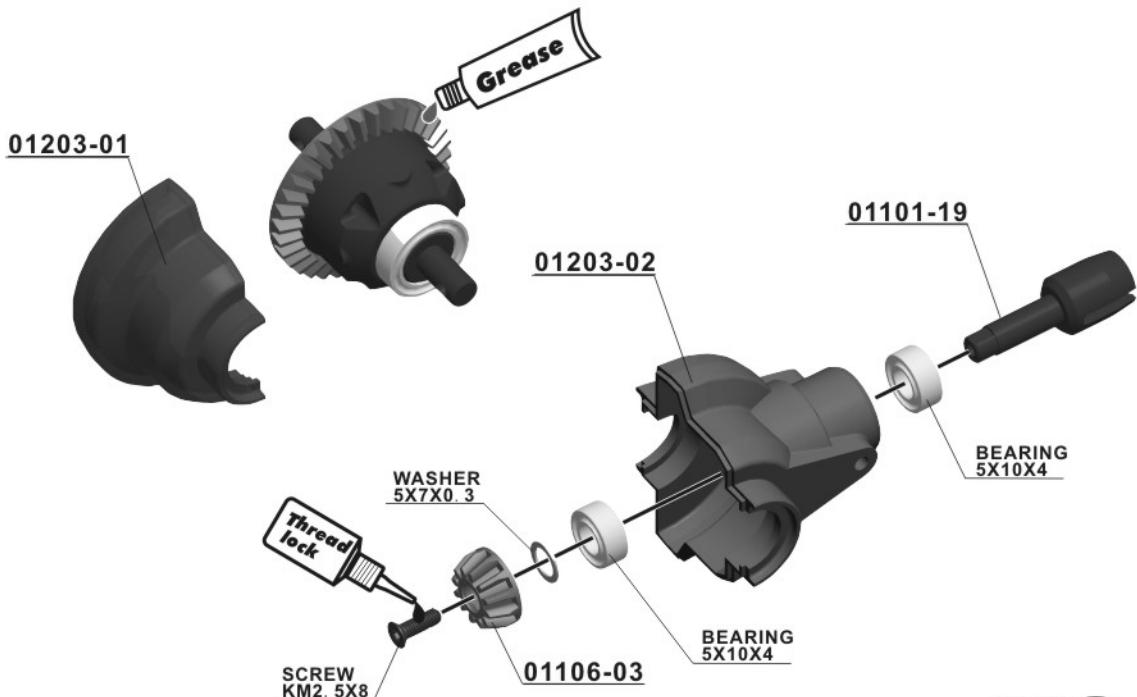
WASHER
5X7X0.3 X2



BEARING
5X10X4 X4



01101-19 X2



X2

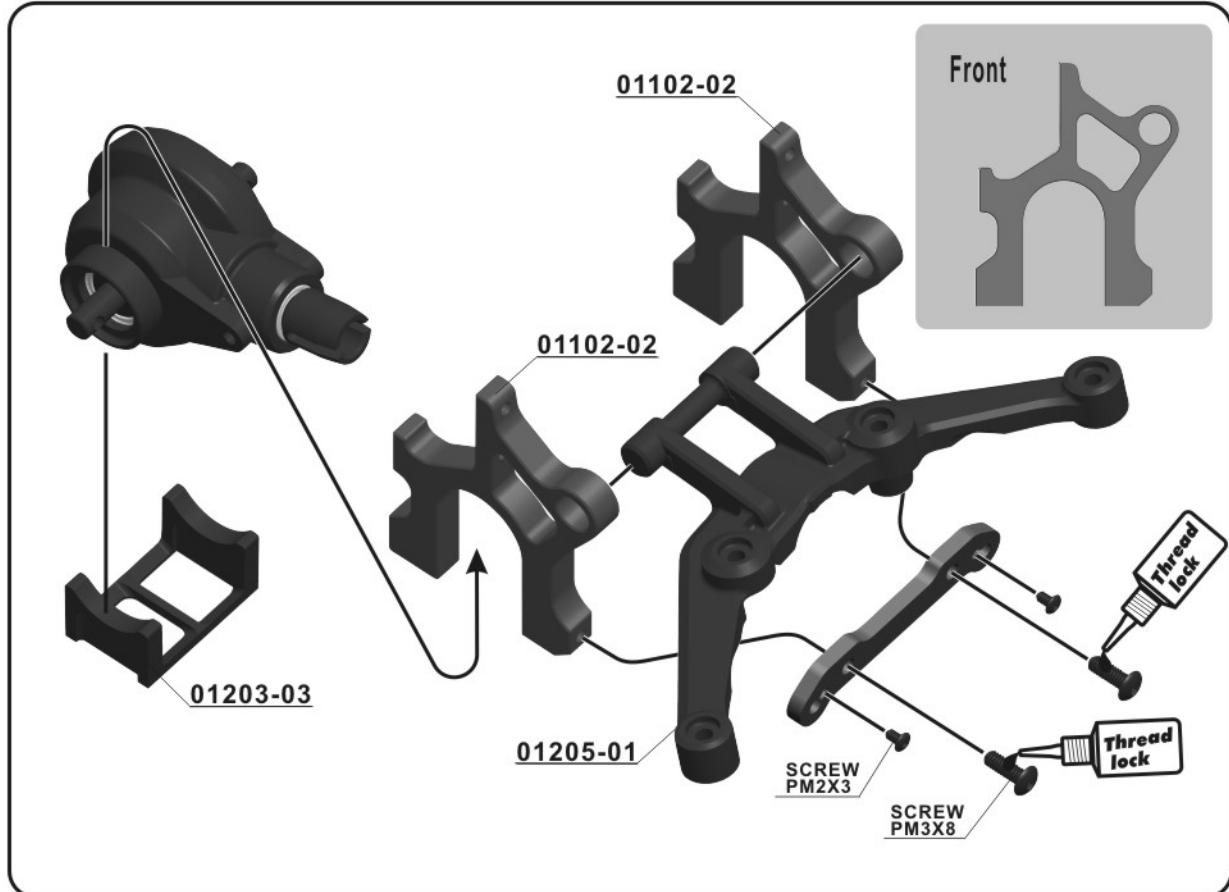
Diff Gearbox Assembly

6



SCREW
PM3X8
X2

SCREW
PM2X3
X2

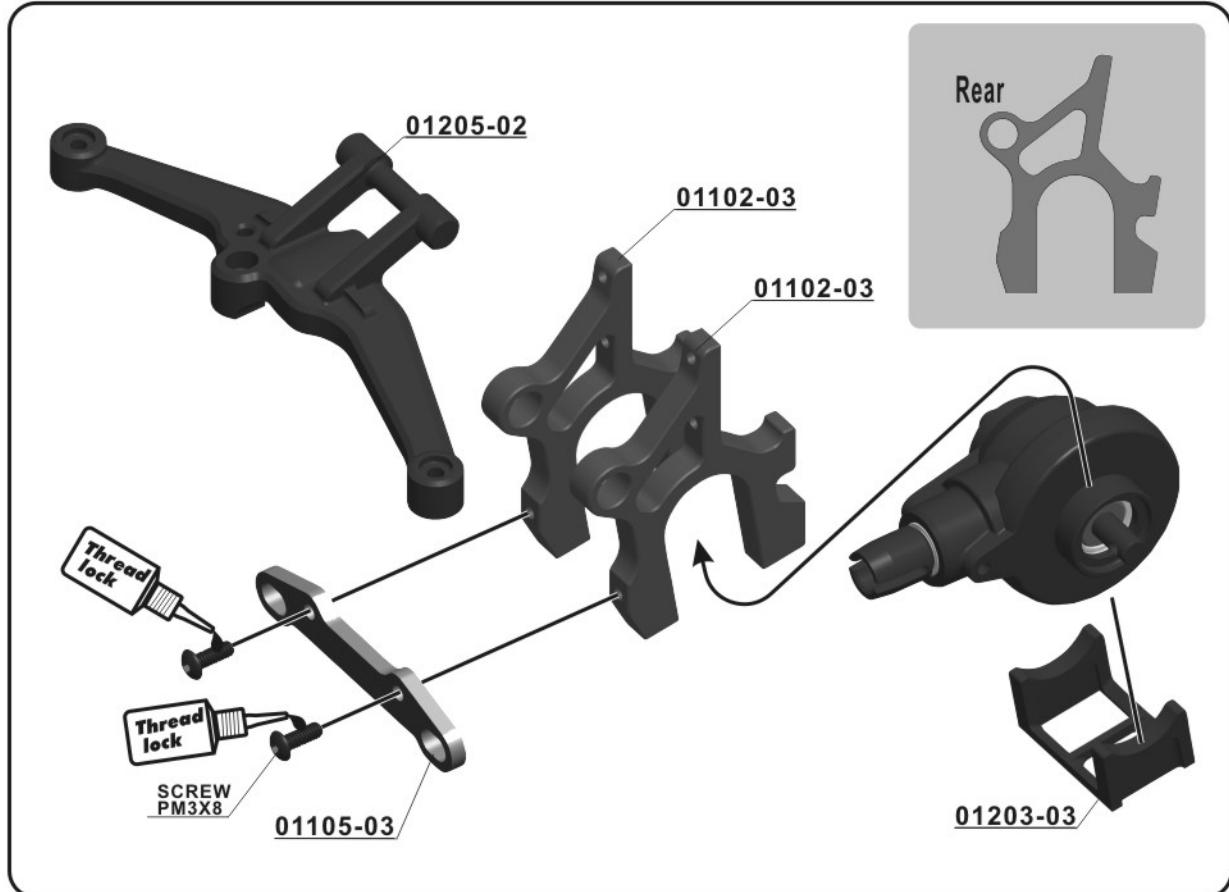


Front Gearbox Assembly

7

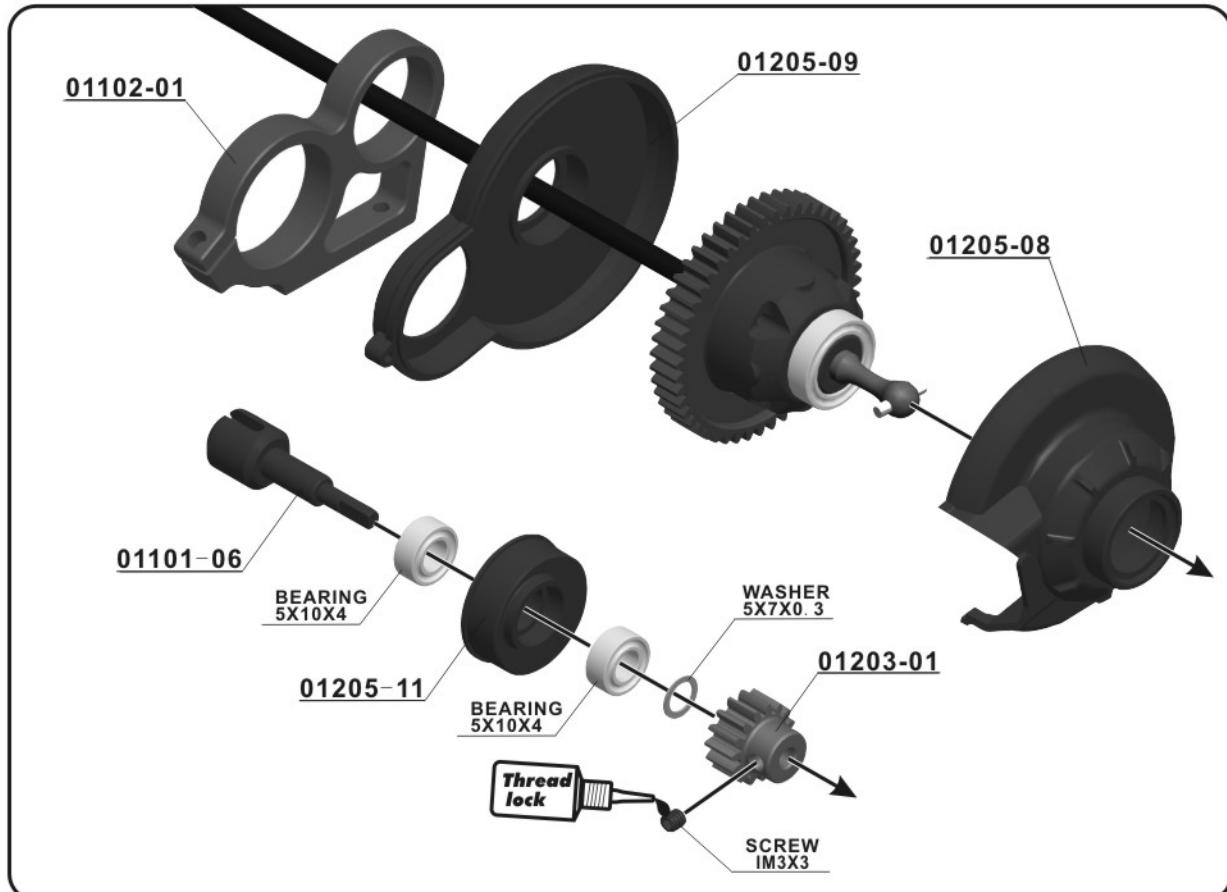


X2



Rear Gearbox Assembly

8



Spur Gearbox Assembly

9



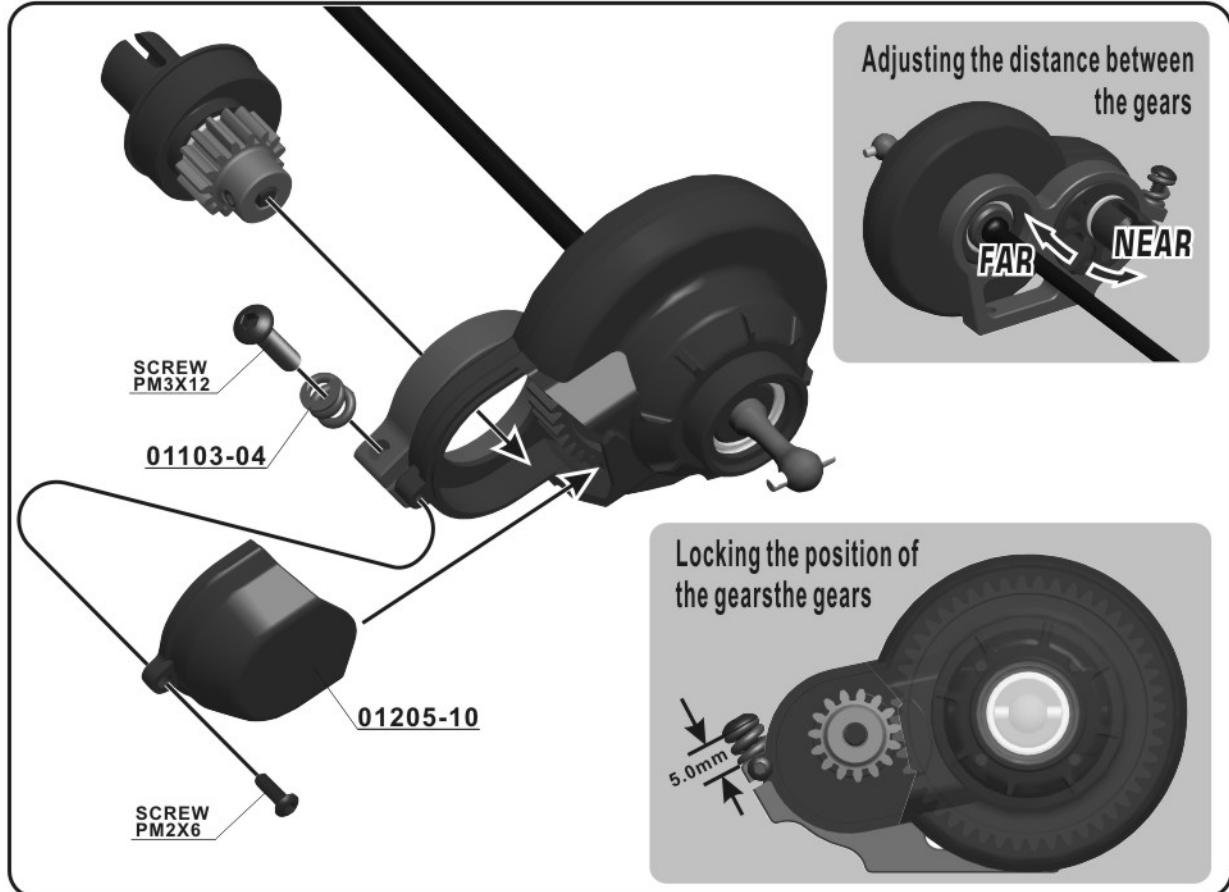
SCREW
PM3X12 X1



SCREW
PM2X6 X1



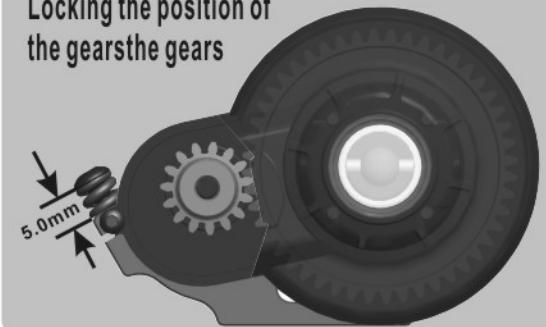
01103-04 X1



Adjusting the distance between the gears

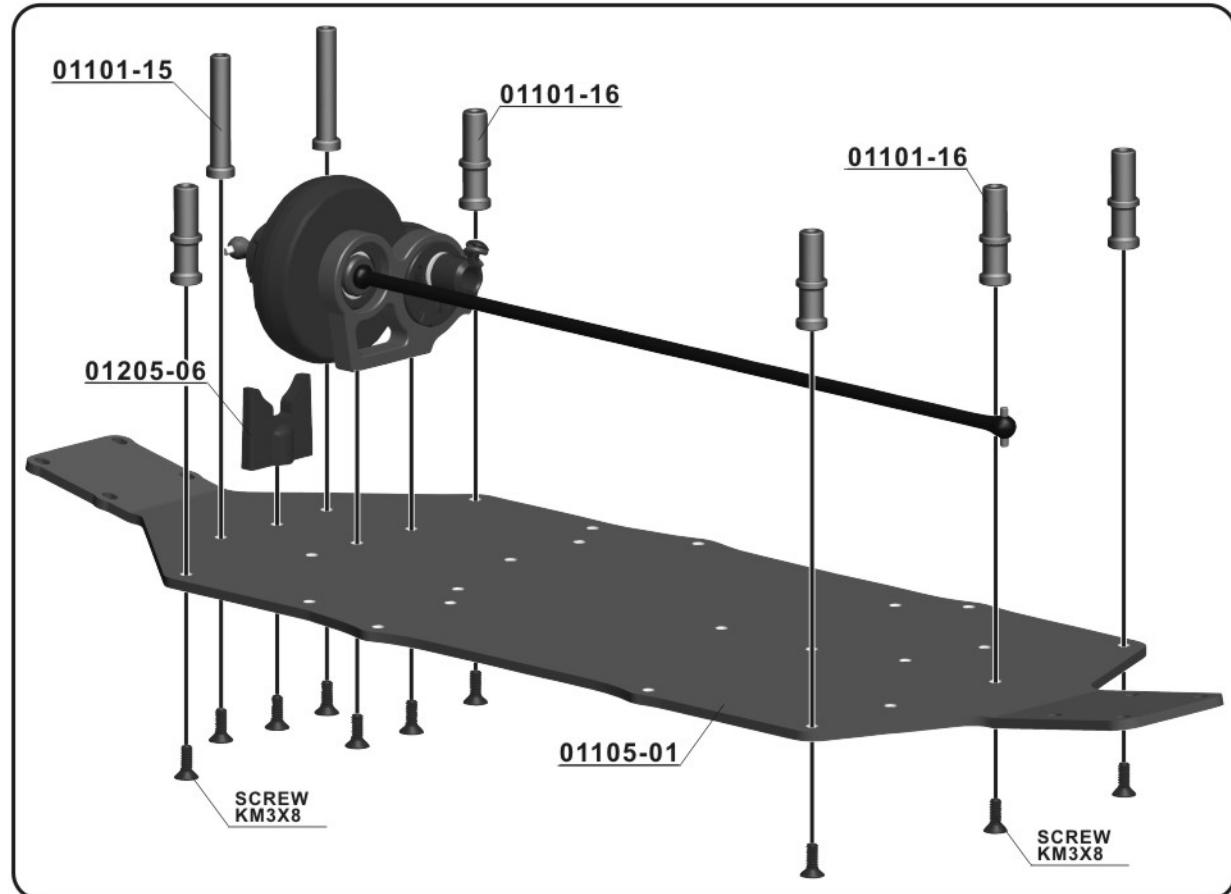


Locking the position of the gears



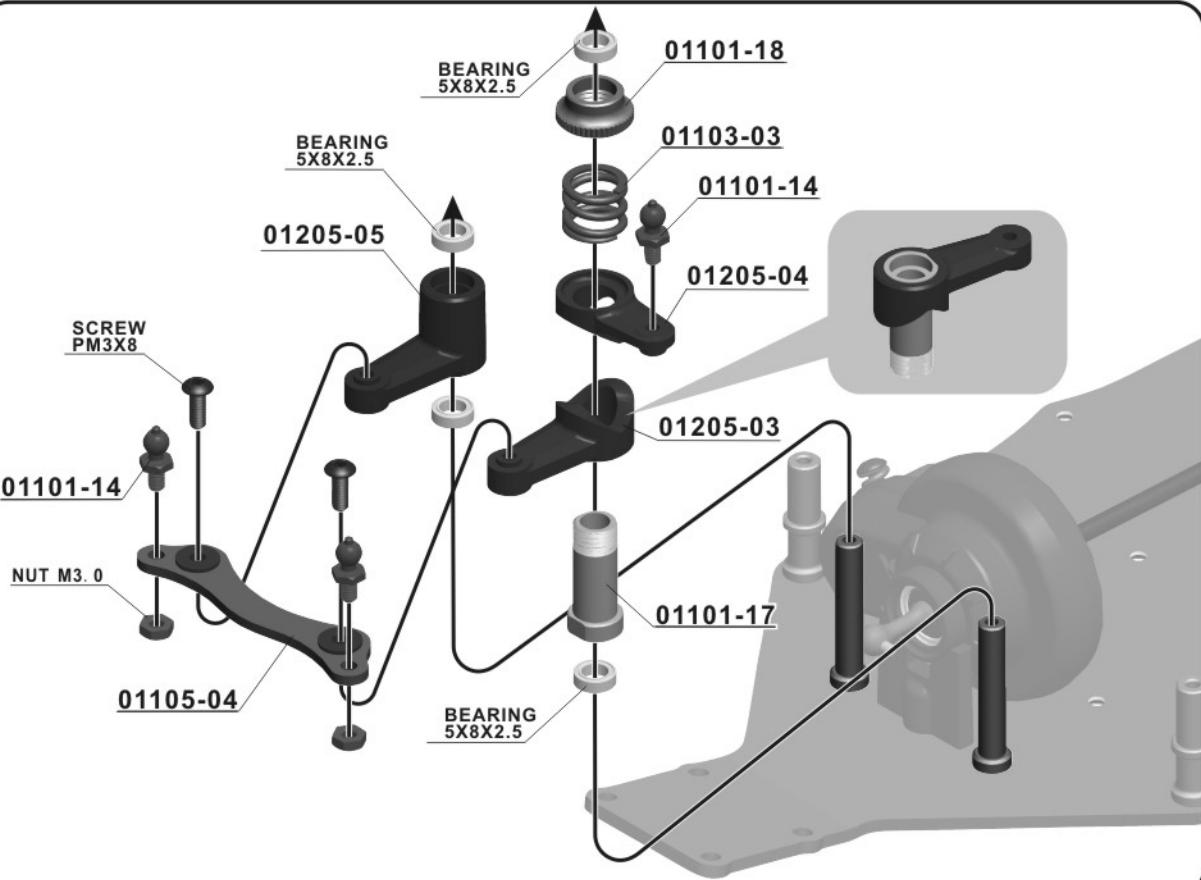
Spur Gearbox Assembly

10

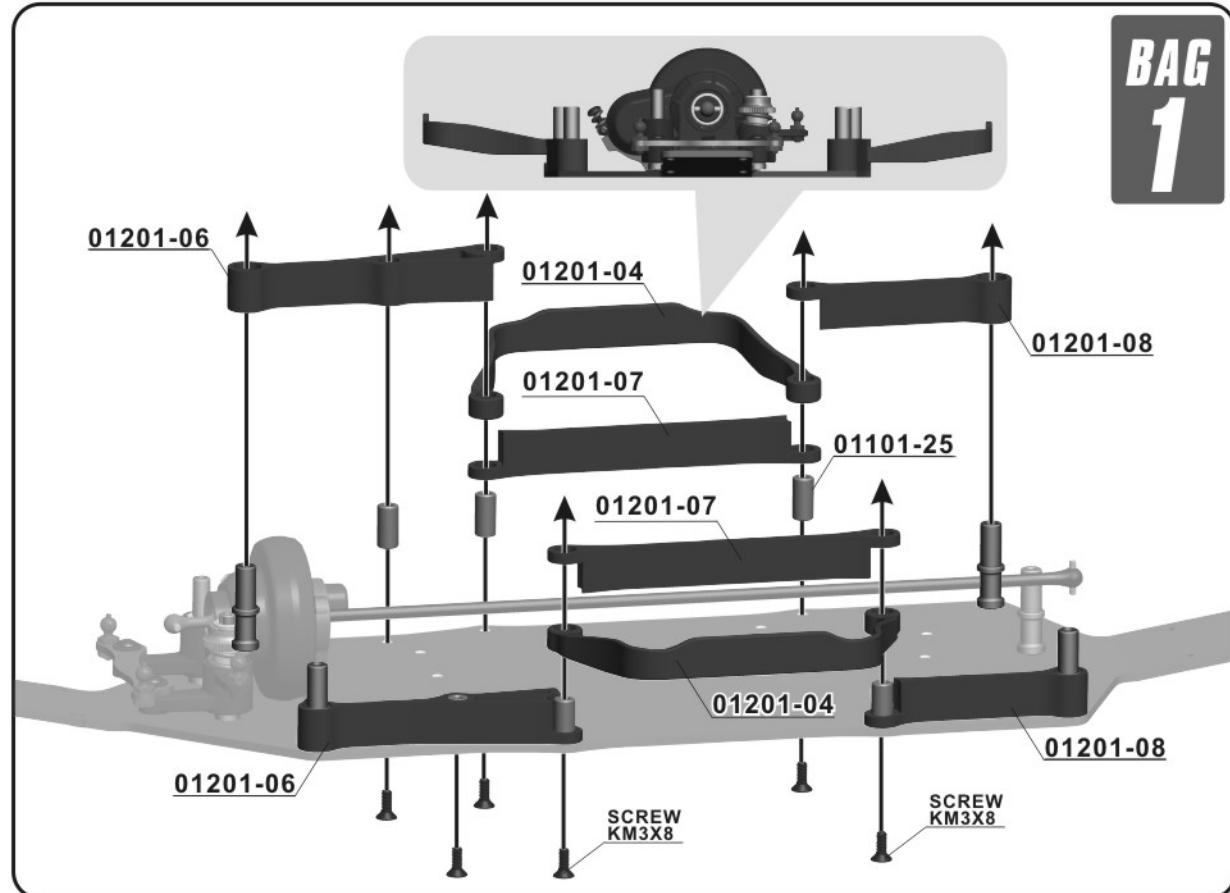


Spur Gearbox Assembly

11



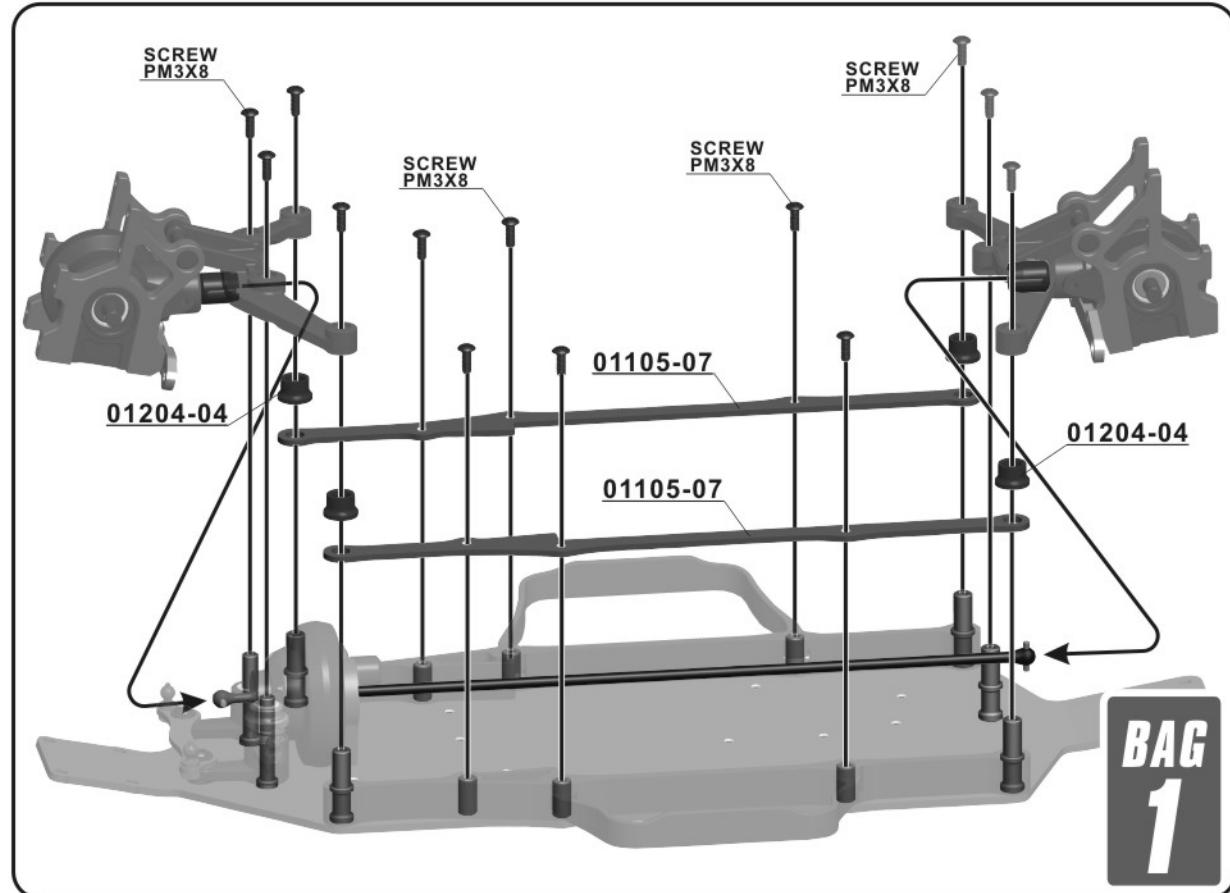
Steering Assembly

12**BAG
1*****Chassis Assembly***

13



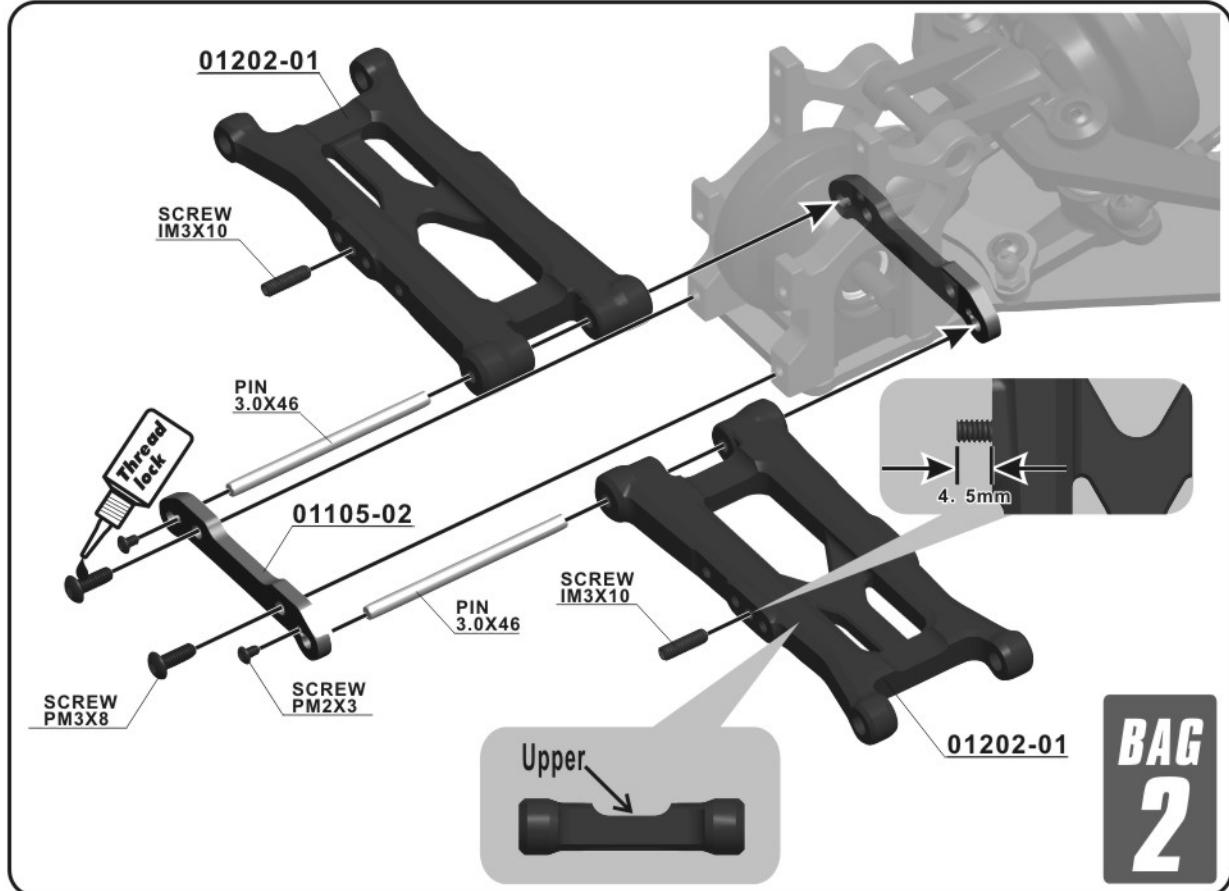
X13



Front & Rear Gearbox Assembly
– 18 –

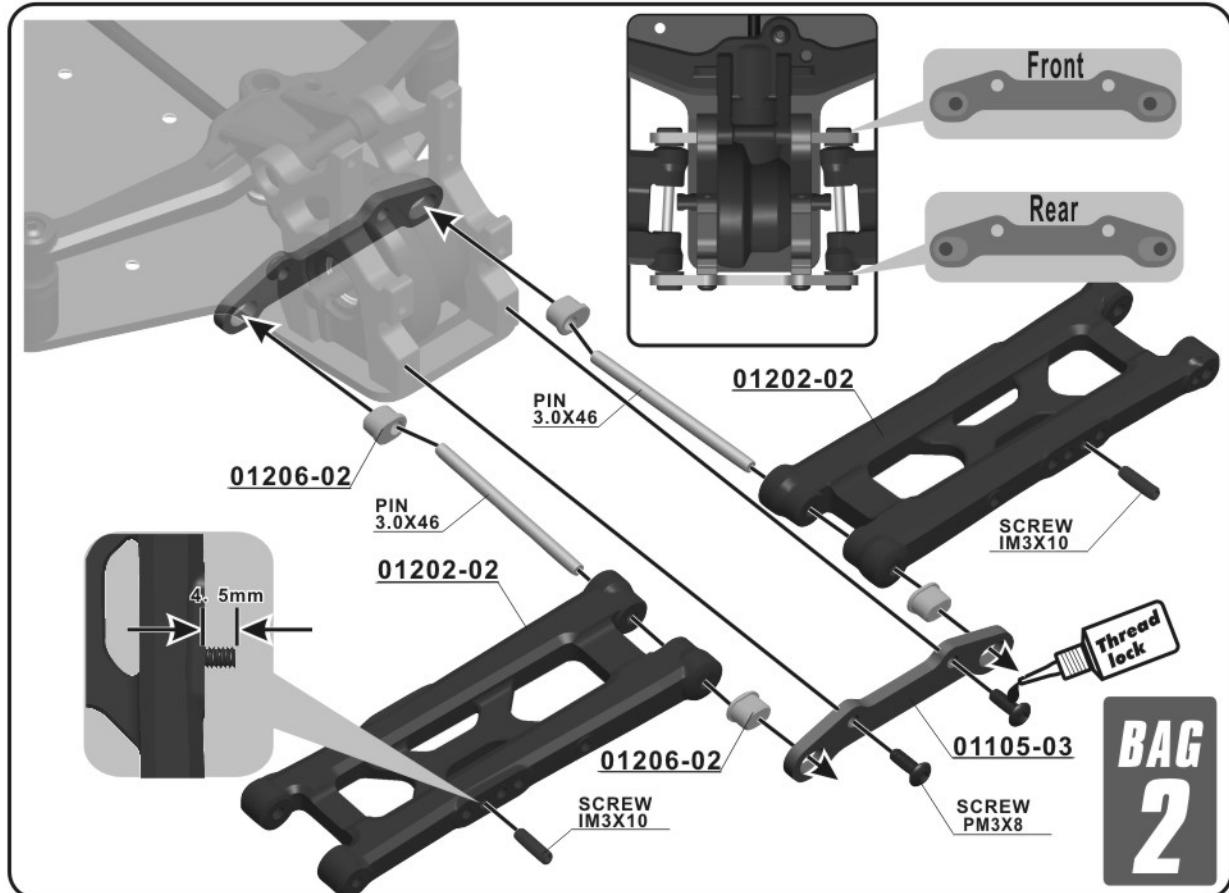
14

-  SCREW PM3X8 X2
-  SCREW IM3X10 X2
-  SCREW PM2X3 X2

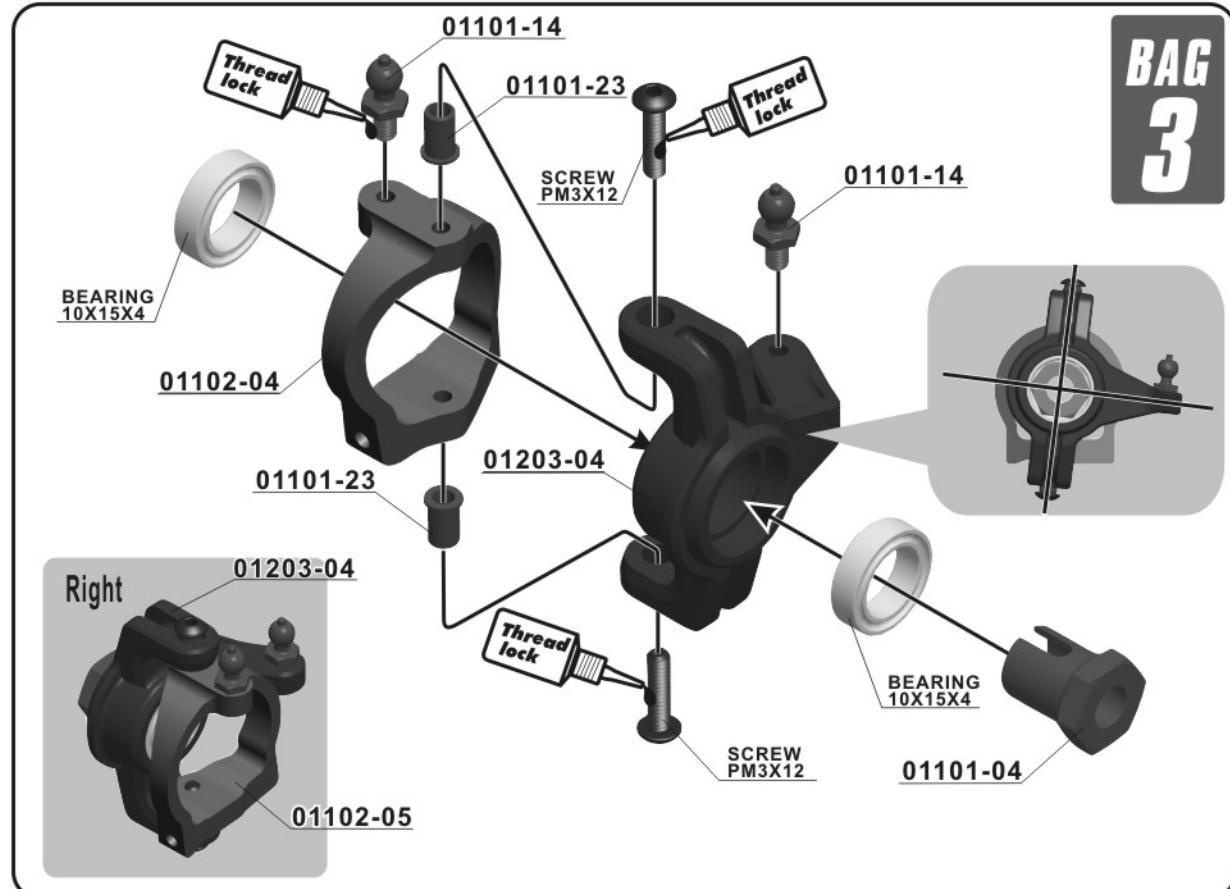
**BAG
2****Front Arm Assembly**

15

- SCREW PM3X8 X2
- SCREW IM3X10 X2

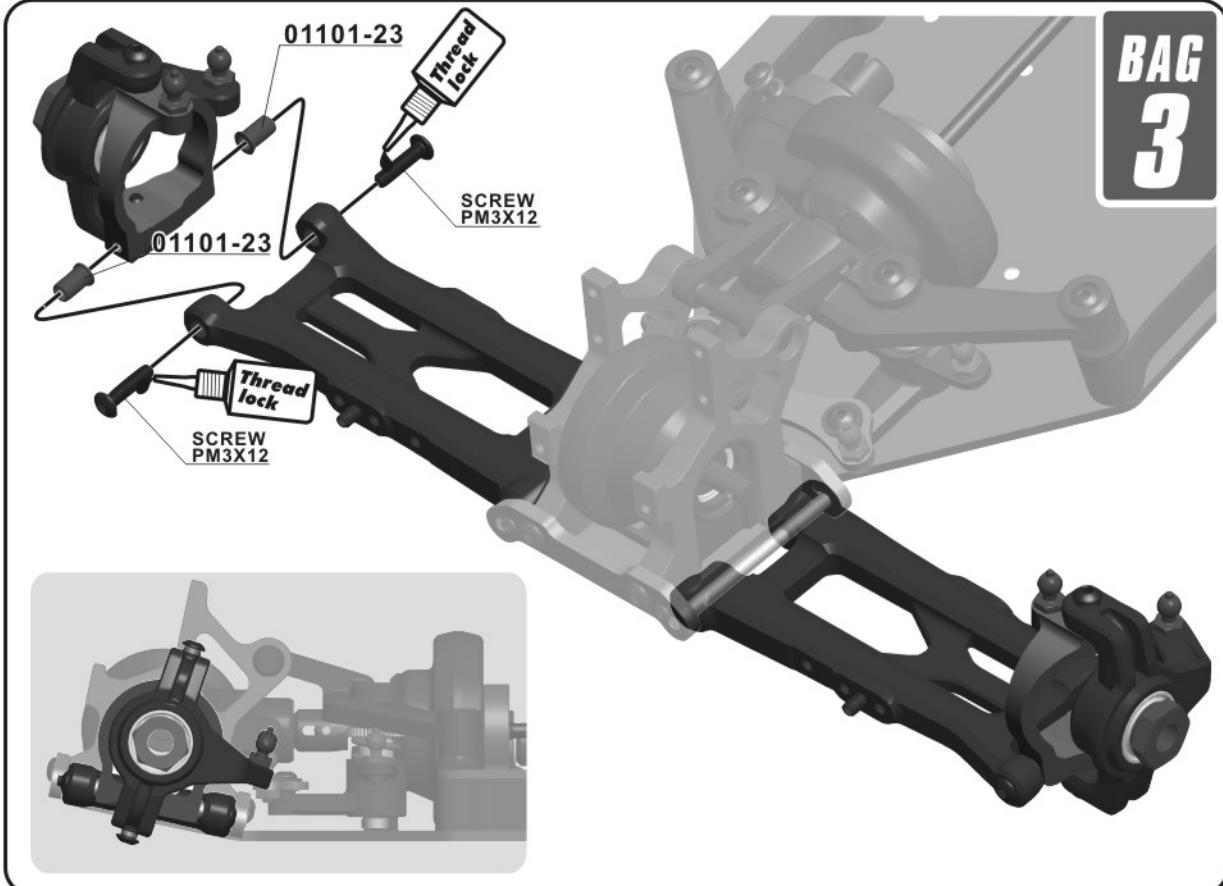


Rear Arm Assembly

16**BAG
3**

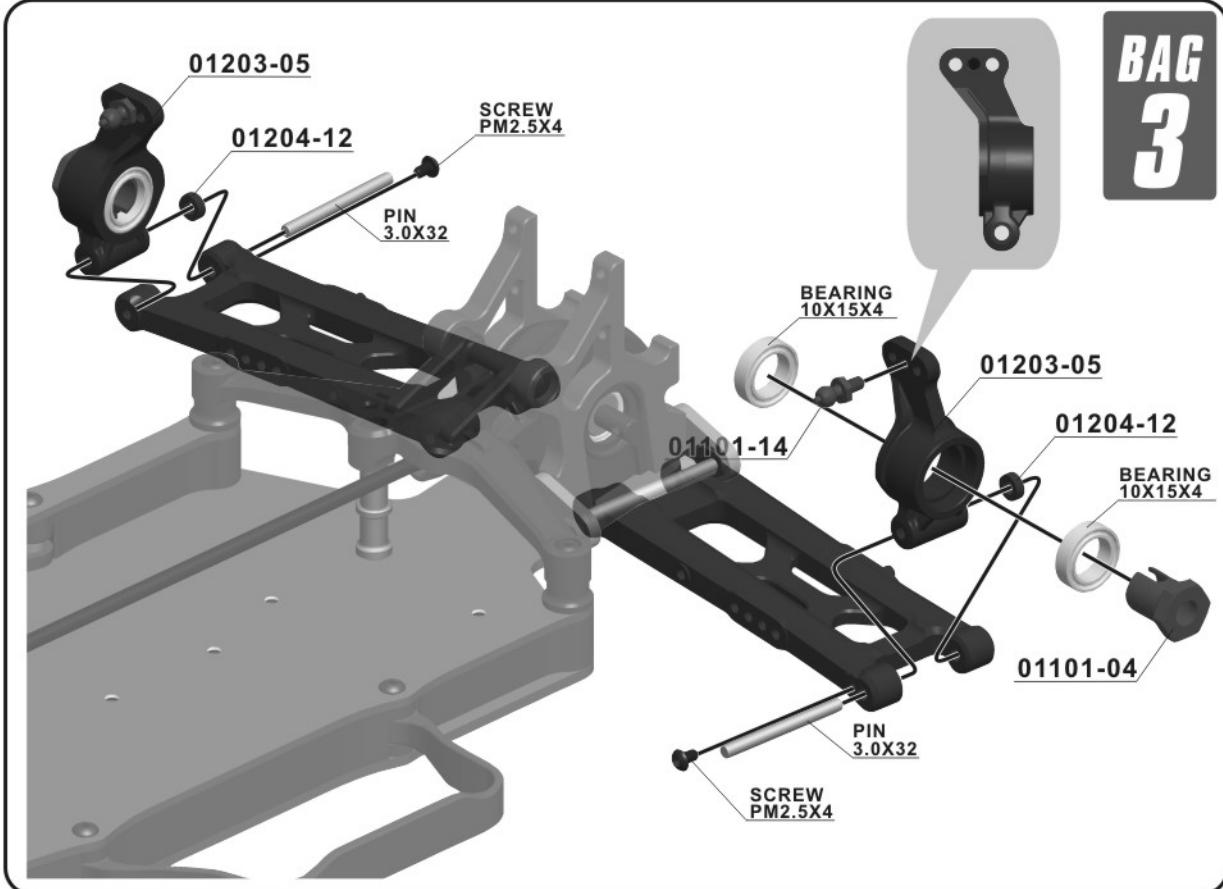
Steering Block Assembly

17

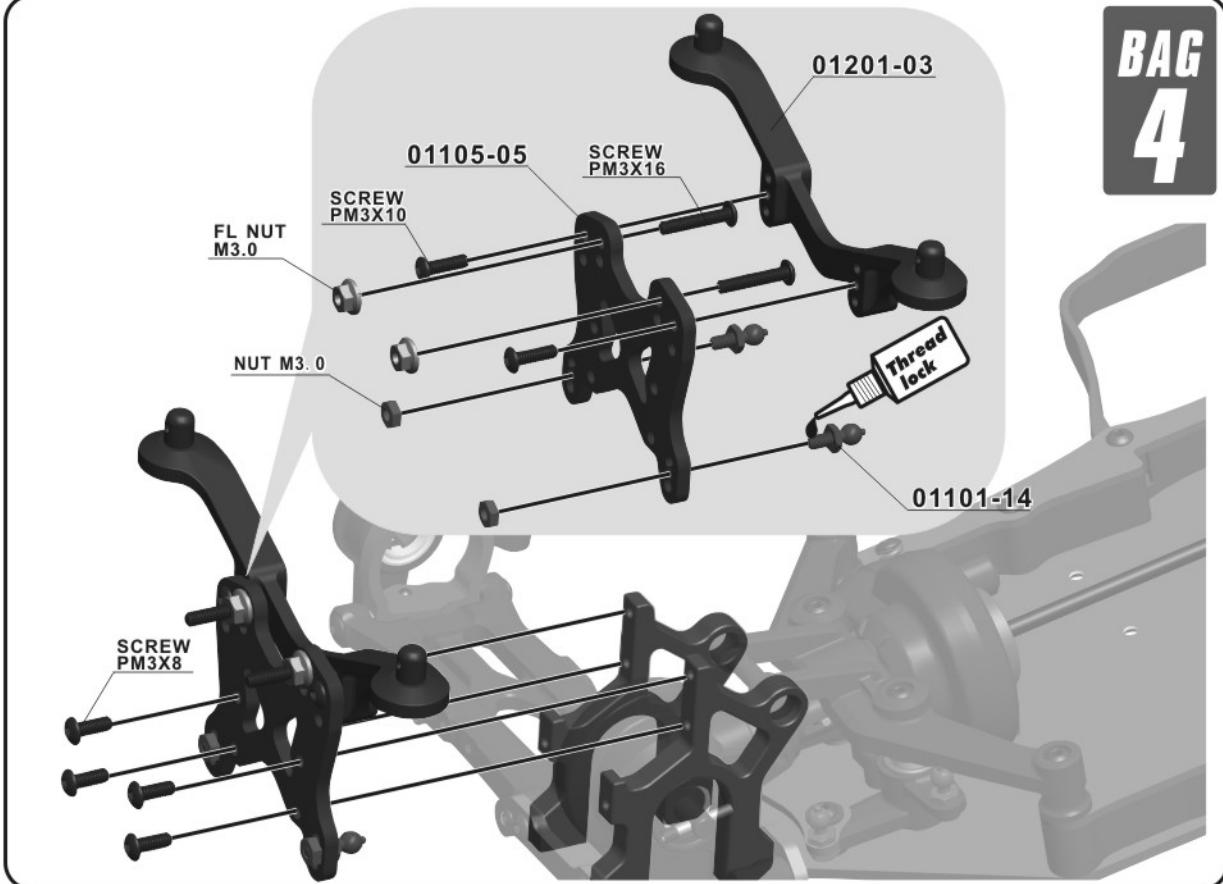


Steering Block Assembly

**BAG
3**

18

Rear Hub Carrier Assembly

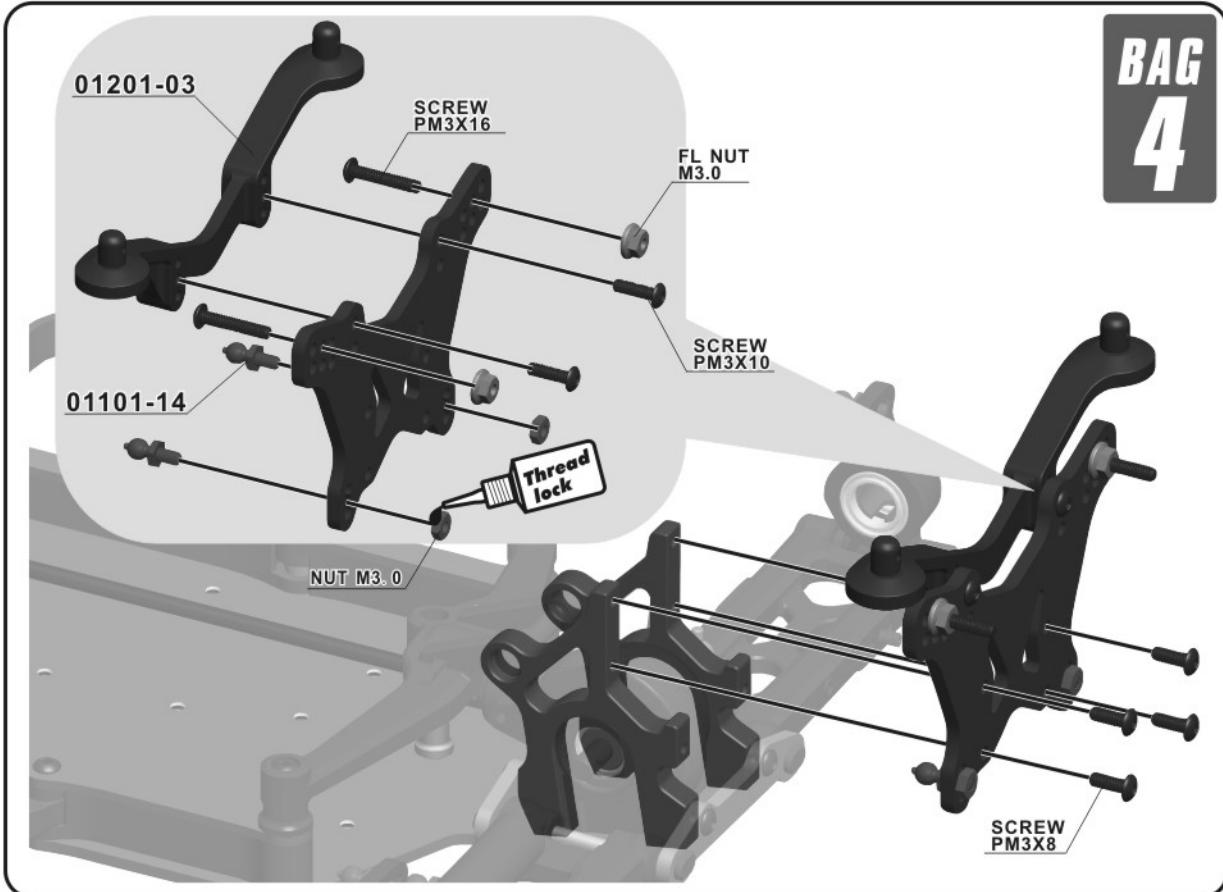
19**BAG 4****Front Shock Plate Assembly**

20SCREW
PM3X8 X4SCREW
PM3X10 X2SCREW
PM3X16 X2FL NUT
M3.0 X2

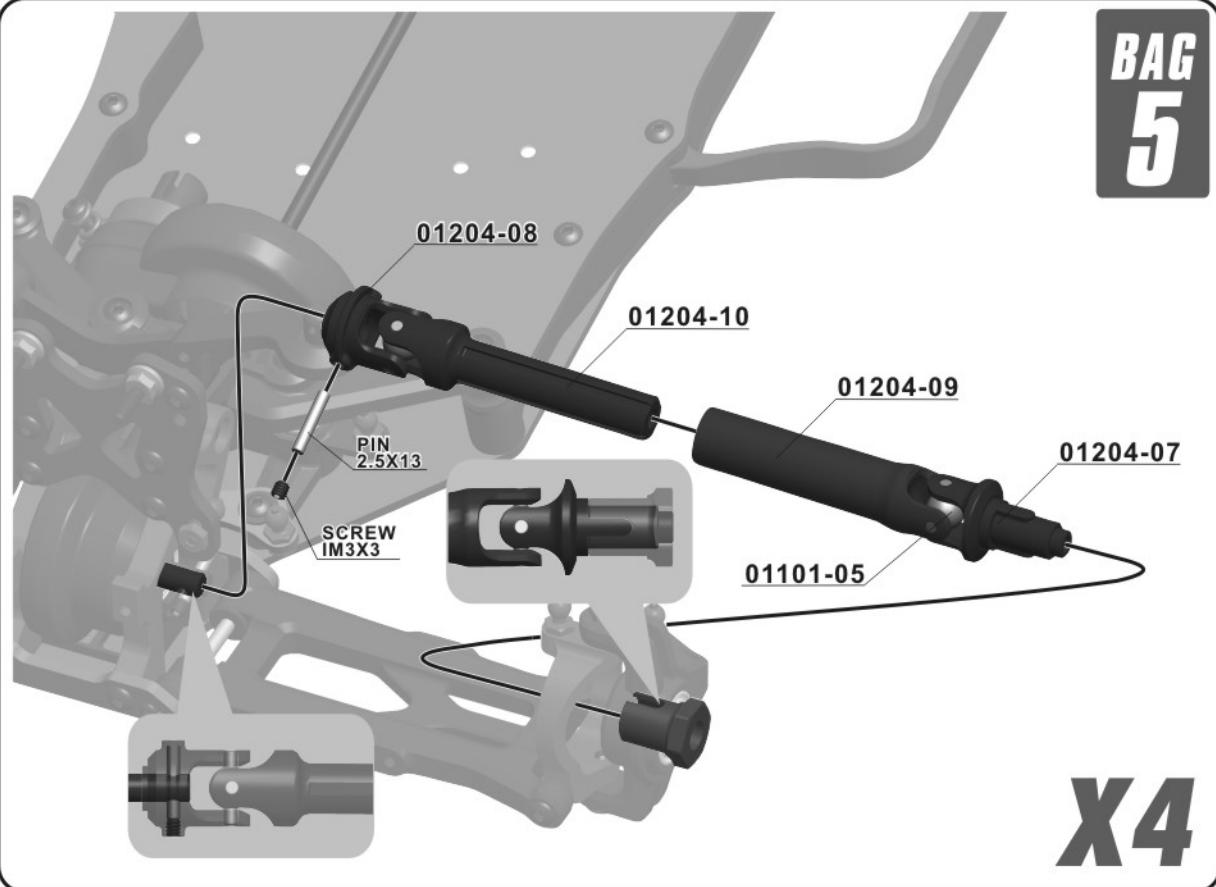
NUT M3.0 X2



01101-14 X2

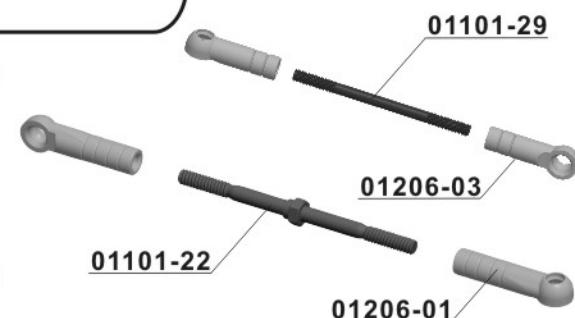
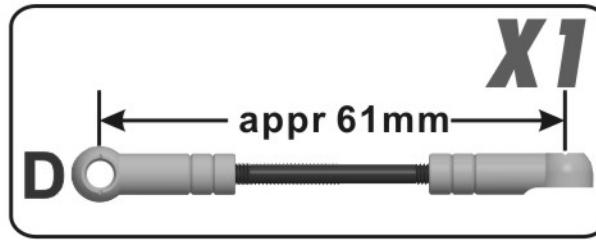
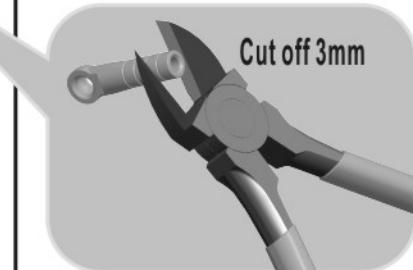
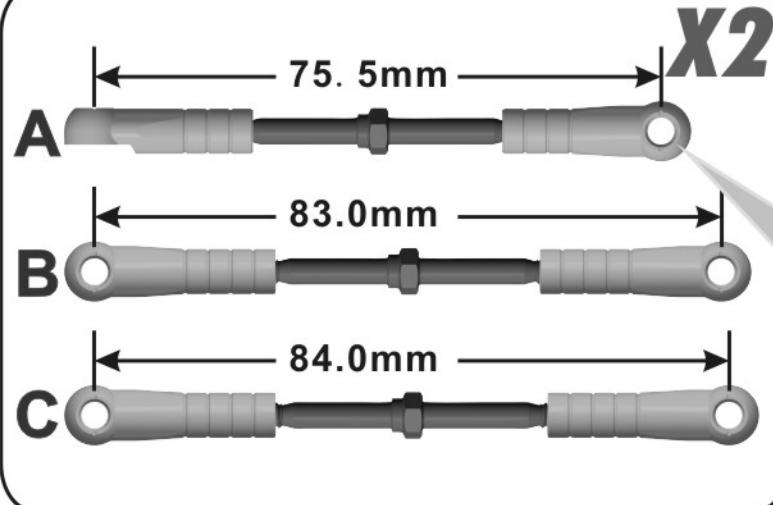
**BAG
4**

Rear Shock Plate Assembly

21**BAG
5****X4****X4*****Universal Joint shaft Assembly***

22

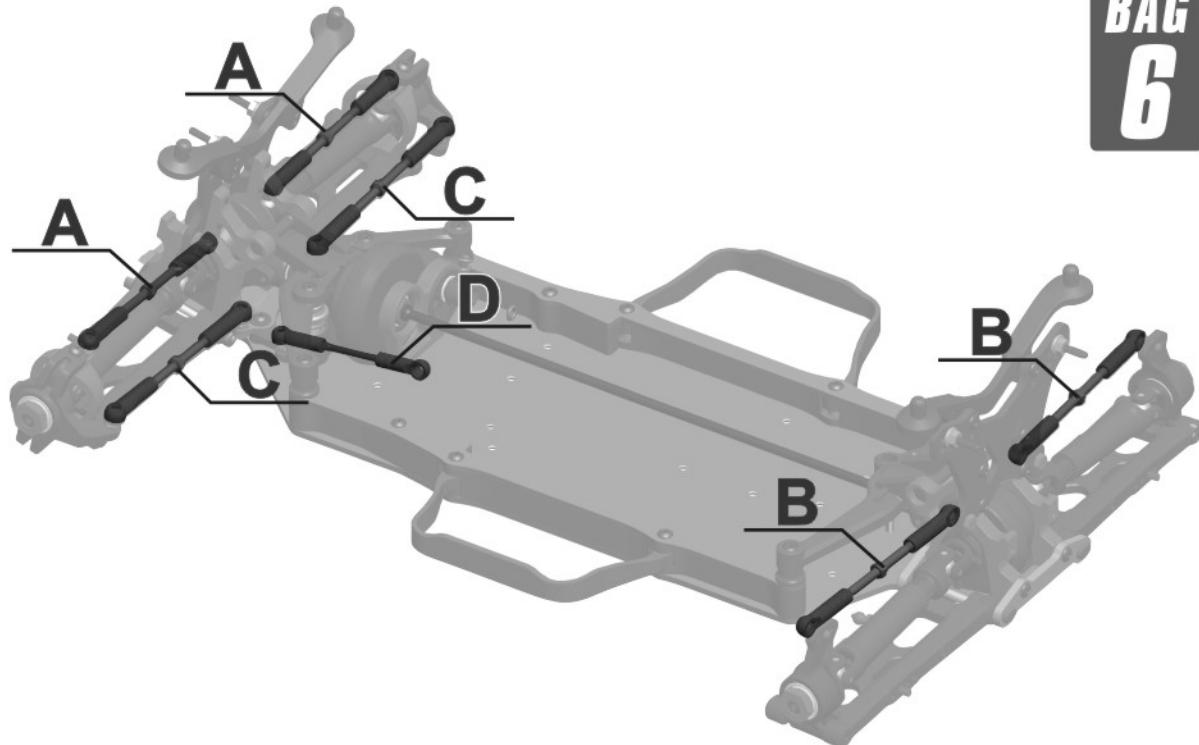
**BAG
6**



Turnbuckle Rod Assembly

23

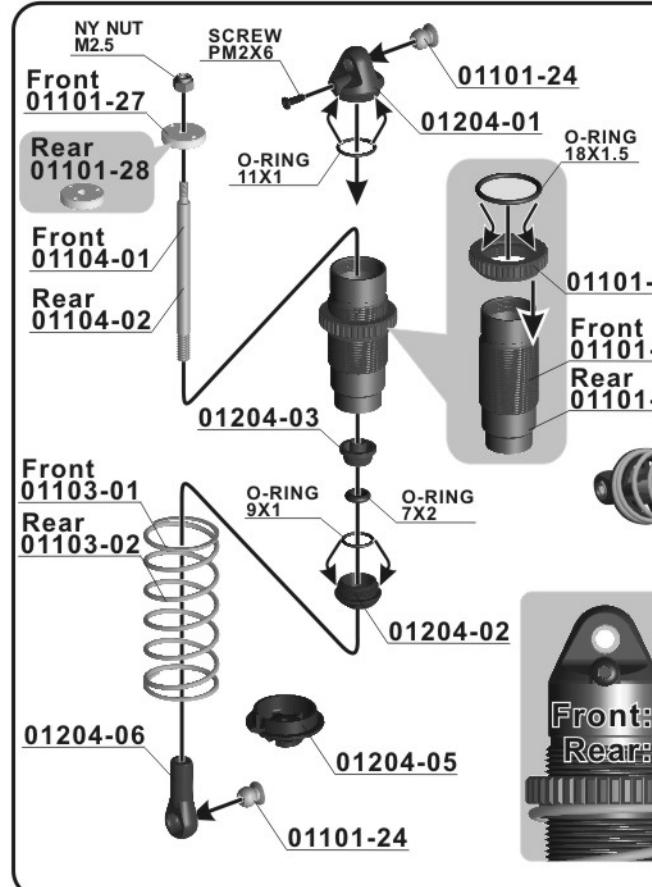
**BAG
6**



Turnbuckle Rod Assembly

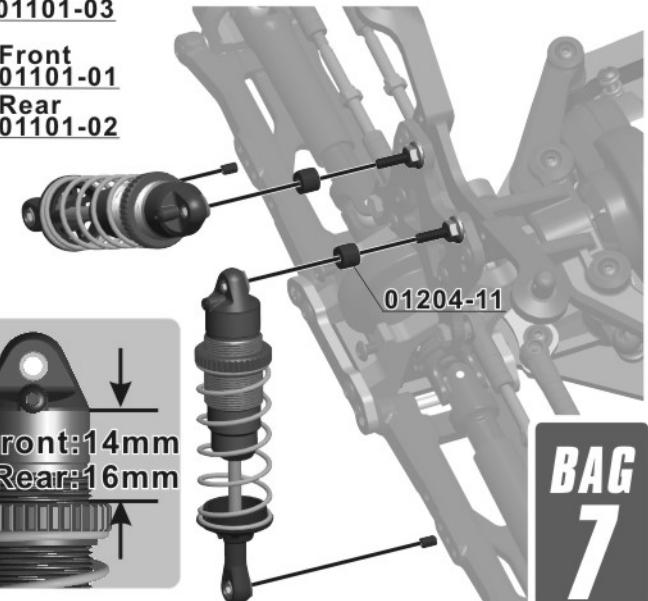
24

-  X4
-  X4
-  X4
-  X4
-  X4
-  X4
-  X4
-  X4
-  X4
-  X8



Shock Assembling Steps:

1. Fill shock body with 3/4 silicone fluid, Pump the shock shaft up and down to remove any air bubbles.
2. Wait the air bubbles pumped out, then pull down the shock piston to the bottom, fill the silicone fluid up to 1 mm from top, after that, tighten the shock cap.
3. Push the shock shaft up to the tip, pump out the extra silicone fluid, then pull down to the bottom, lock the screws PM2X6 of shock cap.
4. Install the spring, shock assembling finished.



Shock Assembly

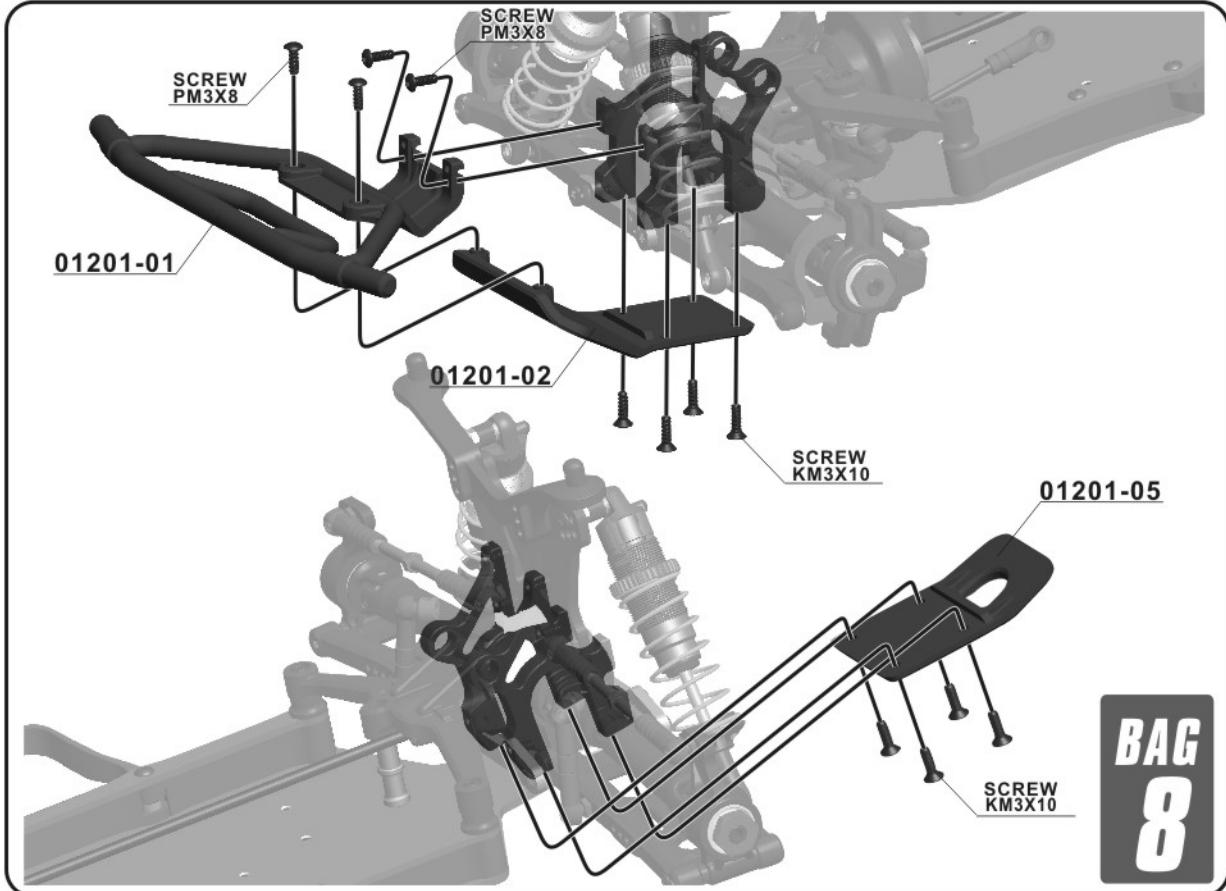
25



SCREW
PM3X8 X4

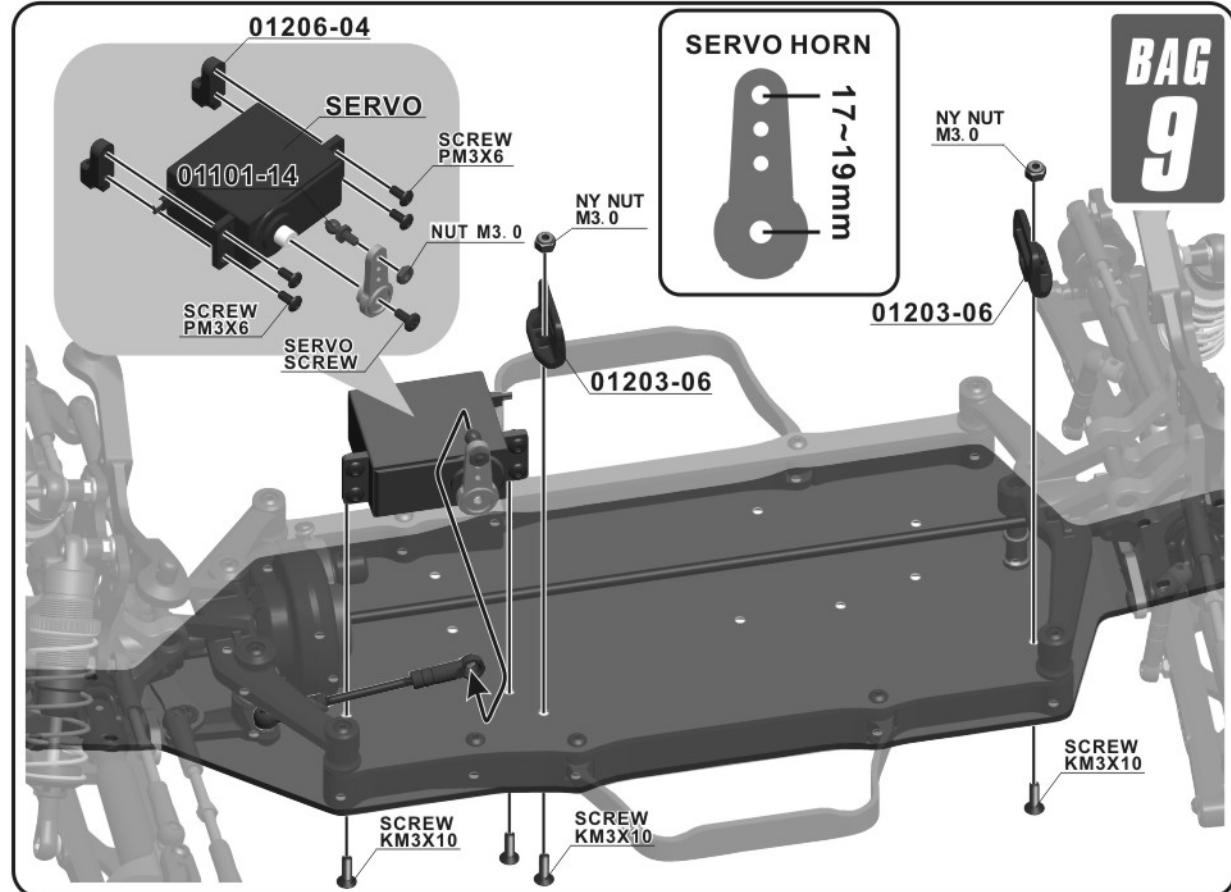


SCREW
KM3X10 X8



**BAG
8**

Bumper Assembly

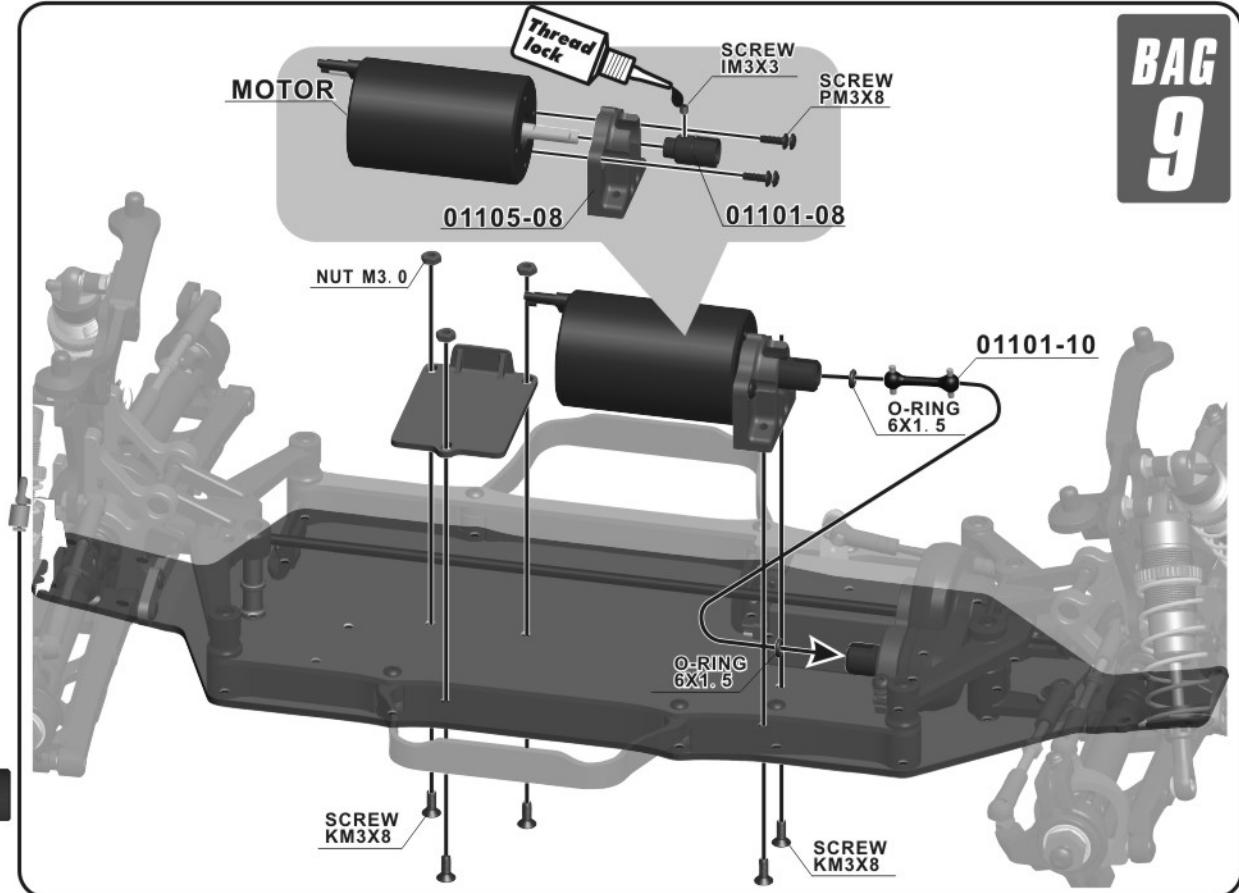
26**BAG
9****Servo Install**

27**BAG 9**SCREW
PM3X8 X2SCREW
KM3X8 X5SCREW
IM3X3 X1

NUT M3.0 X3

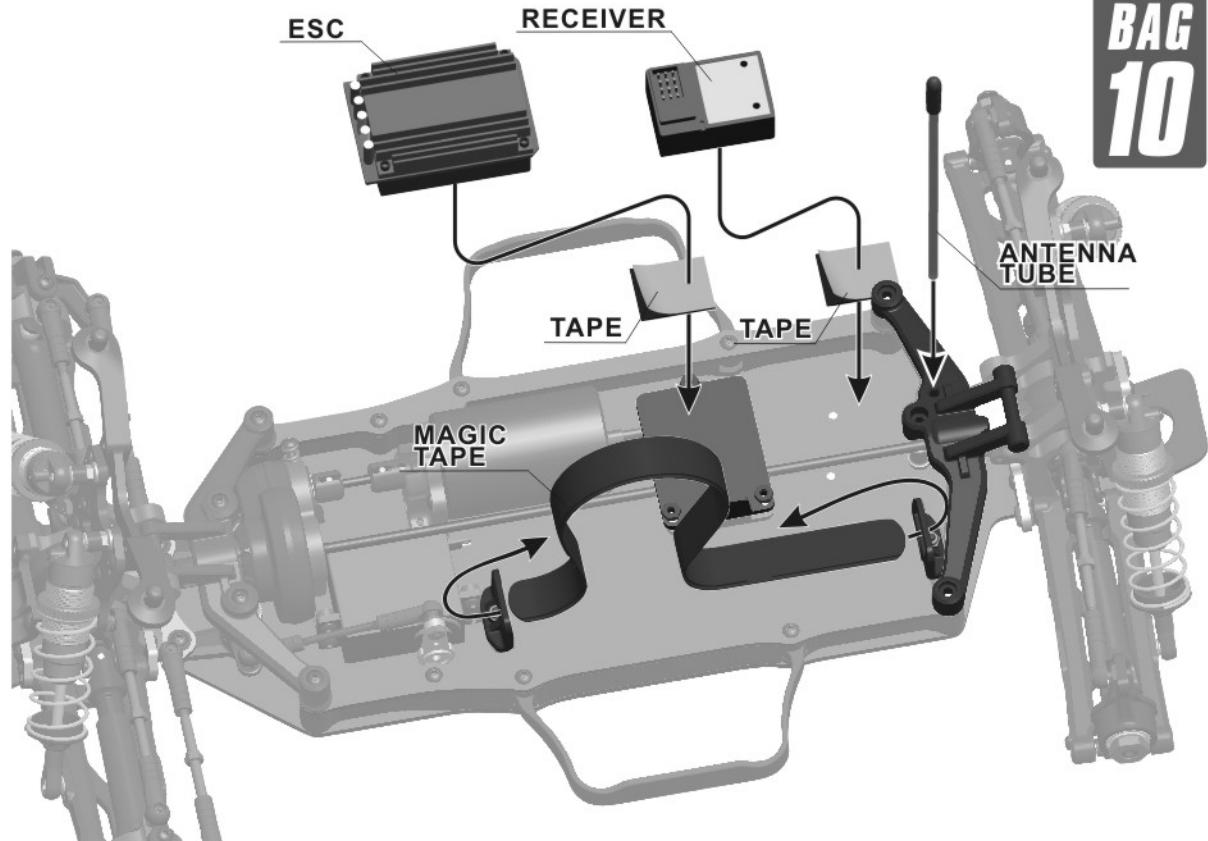
O-RING
8X1.5 X2

01101-08 X1

**Motor Install**

28

**BAG
10**



Electronics Install

29

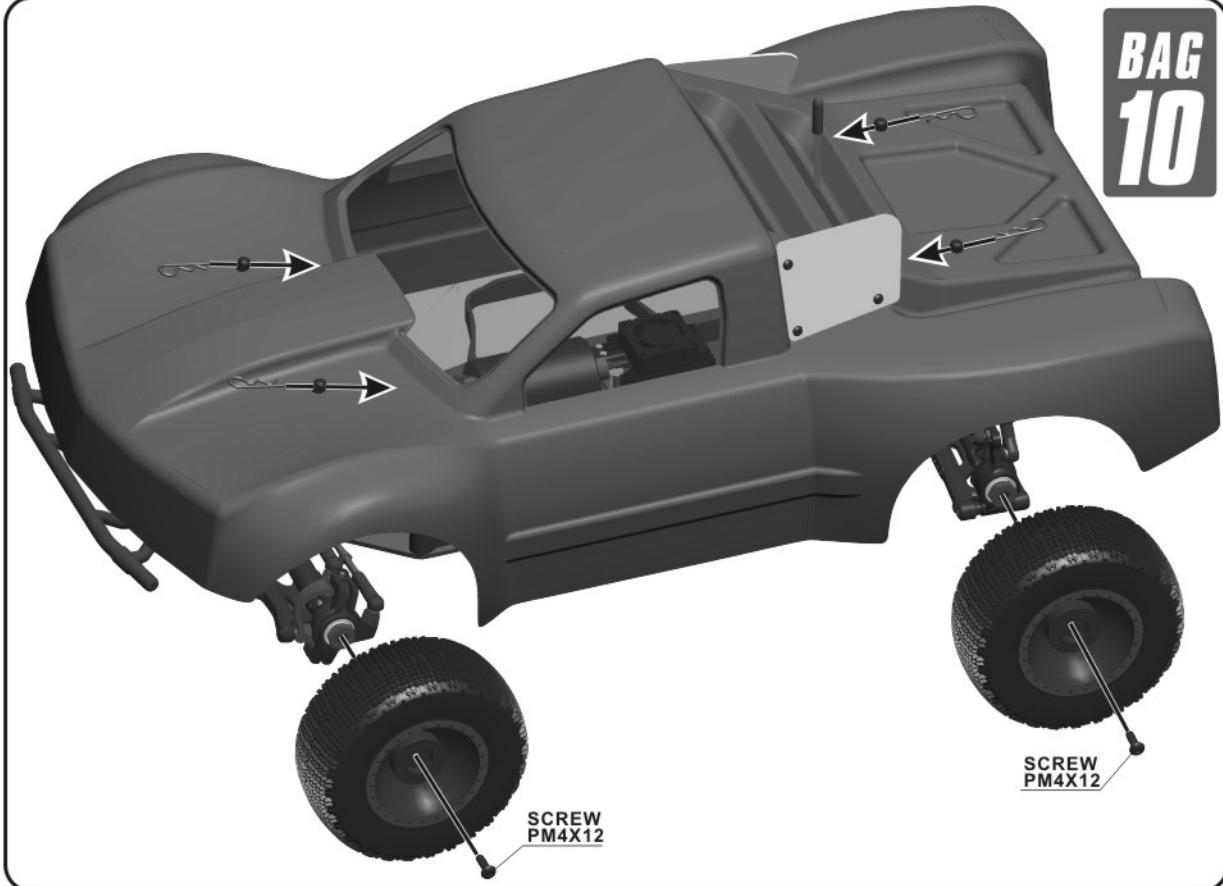


SCREW
PM4X12 X4



01103-05 X4

**BAG
10**



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