

Wid ministration of Solices-

SAFETY PRECAUTION AND WARNING

Thank you for purchasing AMR 1/10 MINI SCUD EP SERIES

1/10 MINI SCUD EP SERIES is NOT a toy. It is a high performance radio controlled model. Before assembling and operating, please must read the instruction manual carefully, understand fully and follow correctly. Improper use can be very dangerous and result in damage or injury.

In General

- 1.Small and sharp parts are included in 1/10 MINI SCUD EP SERIES. Only assemble, operate, and store this product in the place out of children's reach.
- 2.During the assembly, be careful of the tools and parts for which may have sharp edge, such as cutter and screwdrivers, to avoid any injury. Always wear protective glasses and gloves.
- 3.If paints are used (not included in kit), always read and follow the instruction supplied with. Only paint in the place with good ventilation.
- 4.Beginner should seek the advice from well-experienced builders before starting the assembly and operation.
- 5.1/10 MINI SCUD EP SERIES is designed for the user who is over 14 years old.
- 6.Before assembling and operating 1/10 MINI SCUD EP SERIES, must take necessary and enough safety precaution. You are fully responsible and liable for 1/10 MINI SCUD EP SERIES's assembly and safety operation. AMR shall not be liable for damage, injury or loss caused by the use of 1/10 MINI SCUD EP SERIES.
- 7. For keeping the performance, regular maintenance is necessary.
- 8. Check and make sure that screws and nuts are properly tightened before operating.
- 9. Save this instruction manual for future reference.

Battery

- 1.Low battery power will result in loss of control. Loss of control can happen due to a weak battery in either the transmitter or the receiver. Always check the battery power in transmitter and receiver before operating.
- 2. When R/C car is not used, always remove the battery, and turn off the receiver switch.
- 3.Do not disassemble battery, cut battery cables and use the damaged battery.
- 4.Recharge the battery by following the instruction manual correctly. Only recharge battery when necessary. Do not continual recharging for which may damage battery or could lead to fire.
- 5. When you finish the recharging, unplug the charger.
- 6.Do not recharge the battery when the battery is still warm. During the recharging, if the battery became hot, disconnect the battery from the charger right away.
- 7.Be responsible for disposing the battery. Do not throw batteries in fire.

Electrical

- 1. Cables should be connected safely always. Do not use damaged wires.
- 2.Do not modify the charger, as it is dangerous. It may cause short-circuit or over-charging.



SAFETY PRECAUTION AND WARNING

Transmitter

- 1. For operating, firstly, turn on transmitter, and then extend the transmitter antenna fully. In the end, turn on the receiver. For turning off, turn off the receiver first, and then the transmitter. In the end, collapse the transmitter antenna.
- 2. Make sure that no one is using the same frequency as yours at the same time.
- 3.Do not point the antenna toward your or anyone's face, as the front end may hurt people.

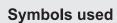
Environment

- 1.Do not run the R/C car on the road, or near railroads.
- 2.Do not run the R/C in a crowded place where many people gather, or near small children or animals.
- 3.Do not run in the rain or through the puddle. During running, if your R/C car or radio system get wet, stop right away as it may cause short circuit.
- 4.Do not run indoors or in narrow space.
- 5.Do not run at night or anytime that your line of sight to 1/10 MINI SCUD EP SERIES is limited or impaired.

Car storage

- 1.Do not store R/C car in the heat, near the fire, or in direct sunlight.
- 2.Keep the wheel off the ground.
- 3.Keep away from children.

SYMBOLS & TOOLS





Part bags used



Apply C.A glue



Apply silicon oil



Assemble left and right side the same way





Apply thread locking glue



Pay attention here



Tentatively tighten



Assemble two times

True-to-scale diagram



Apply Diff. Grease



Check out nonbinding movement



Tools recommended



No.T1002(PHO) Phillips Screwdriver



Hex Wrench



No.T1015(2.0mm) Hex Ball Wrench



No.T1020(5.0mm) No.T1021(5.5mm) Nut Driver



No.T1023 Reamer



Round Cutter



Wire Cutter



Needle Nose Pliers



Hobby Knife



Wrench

Equipment required



C.A Glue



Paint



Vio miniseur apsanas-

FRONT GEAR DIFFERENTIAL





Oring

φ3.8x1.9mm.....2



Shim

 ϕ 4x ϕ 9x0.1mm....2

Pin

 ϕ 1.5x8mm....2



Ball bearing ϕ 10x ϕ 15x4mm...2





Screw 2x6mm.....4

STEP 2



Oring

φ 3.8x1.9mm.....2



Shim

 ϕ 4x ϕ 9x0.1mm....2

Pin

 ϕ 1.5x8mm.....2



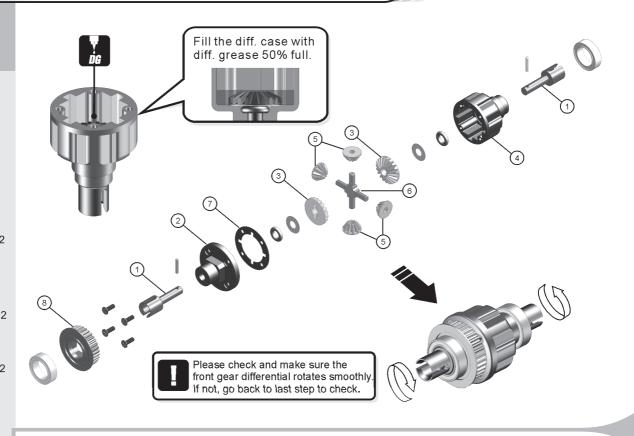
Ball bearing

 ϕ 10x ϕ 15x4mm...2

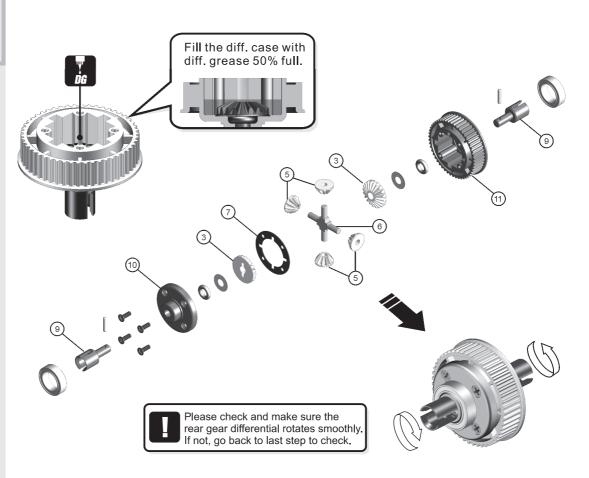


Screw

2x6mm.....4



REAR GEAR DIFFERENTIAL



/AMIR

REAR TRANSMISSION

STEP 3



Oring *φ* 11x2.4mm......1

Pin φ 1.7x12mm.....1

STEP 4



Ball bearing $\phi 5x \phi 9x3mm.....1$



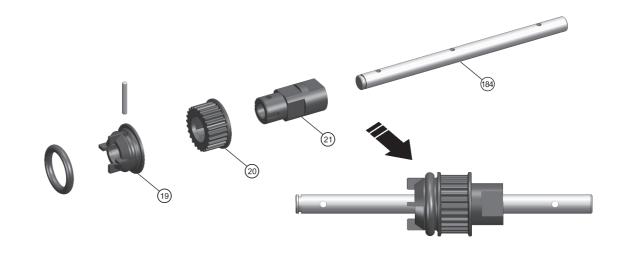
Ball bearing φ 5x φ 10x4mm.....1

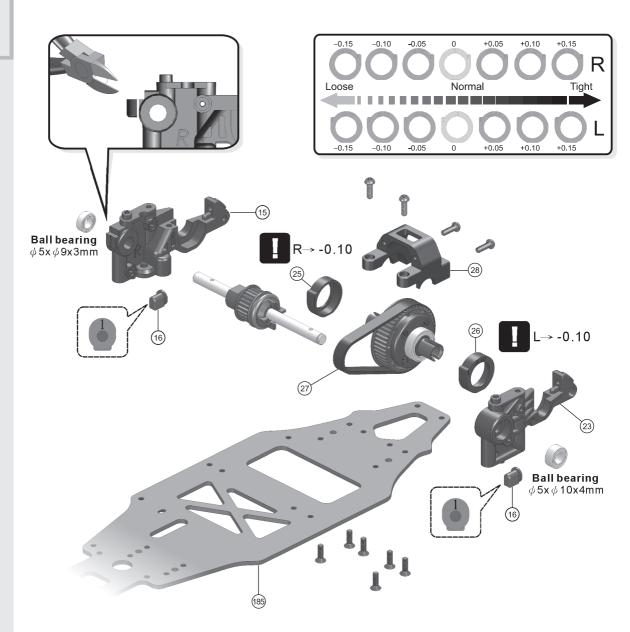


Screw 2.5x8mm.....6



Screw 2.5x8mm.....4





Vio miniseur apsaus

REAR HUB





Set screw 3x10mm.....2

STEP 6

Pivot ball L=9mm.....4

Flange ball joint L=5.5mm.....4

Bush $\phi 8x \phi 12x3.5mm...2$

Bush $\phi 6x \phi 10x3mm.....2$

Pin φ 2x10mm.....2

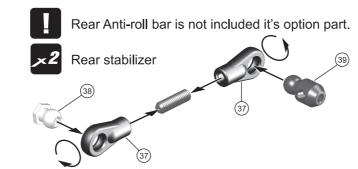


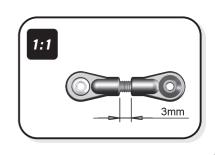
4mm.....2

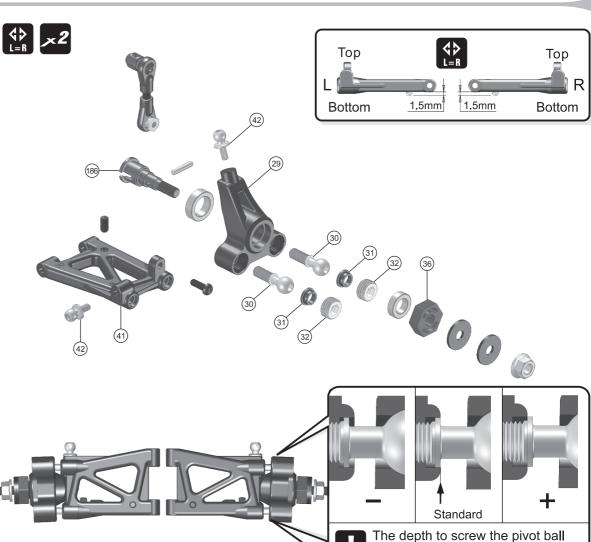
Set screw 3x6mm.....2



Shim φ 4x φ 12x1mm.....4

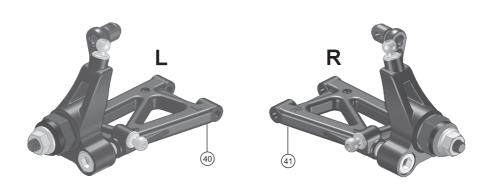






is as drawing.

Be level with the edge of lower arm.



ZIMR:

REAR SUSPENSION ARM



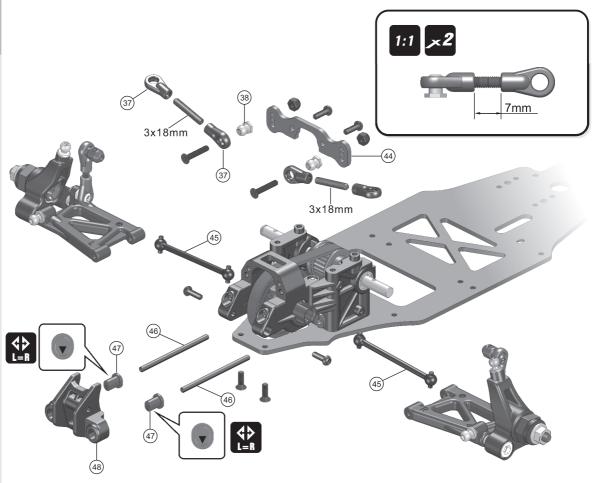








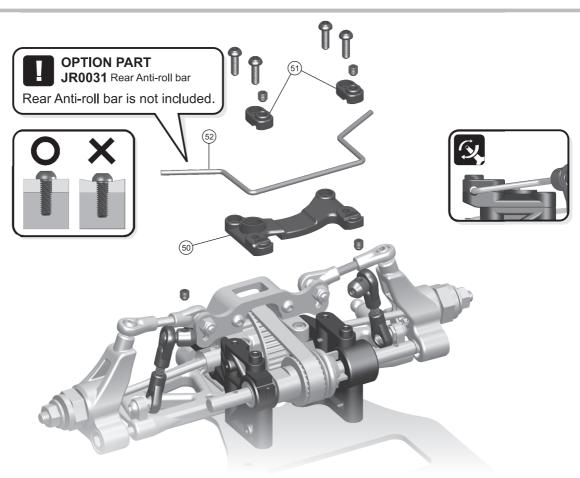
Screw 2.5x8mm.....2











Vio mini seup ap salias-

FRONT SUSPENSION







Set screw 3x6mm.....4

5TEP 10



Bush $\phi 8x \phi 12x3.5$ mm..2

Pin φ 1.5x8mm.....2



Pivot ball L=9mm.....4



Flange ball joint L=5.5mm.....4



Bush ϕ 6x ϕ 10x3mm.....2



Screw 2.5x12mm.....2

Pin φ 2x10mm.....2

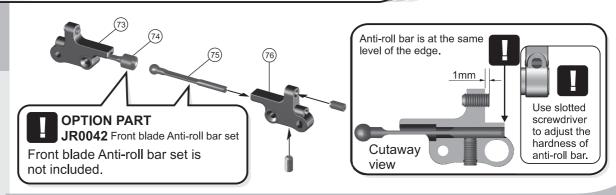


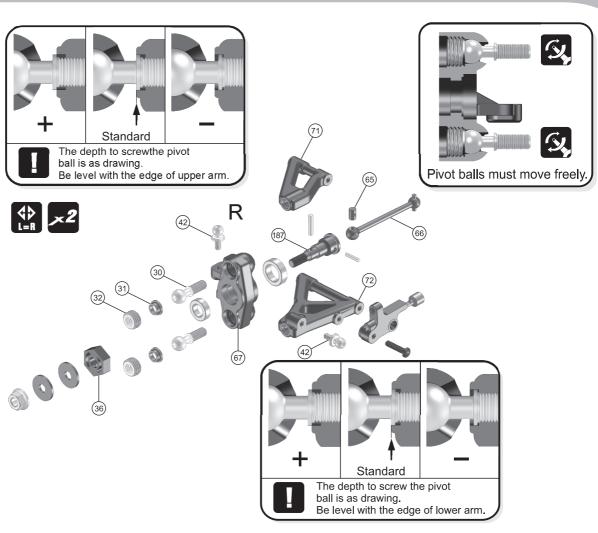


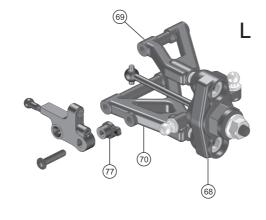
Flanged nylon nut 3mm.....2

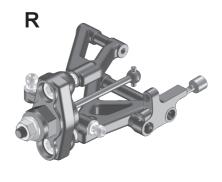


Shim $\phi 4x \phi 12x1mm....4$









/AMR

FRONT SUSPENSION

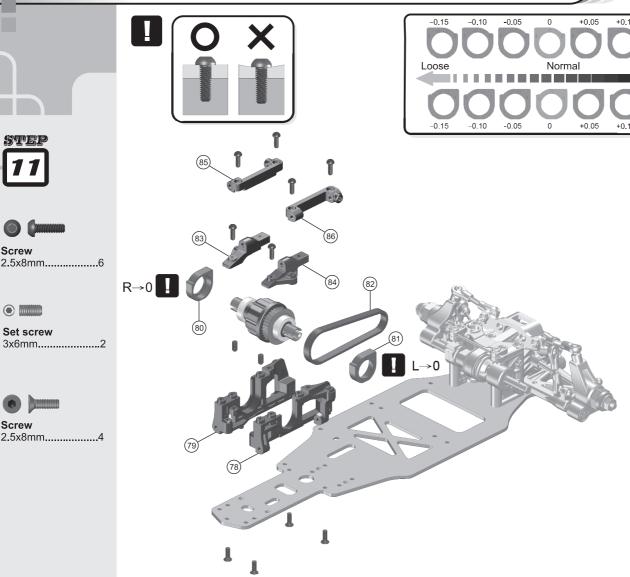




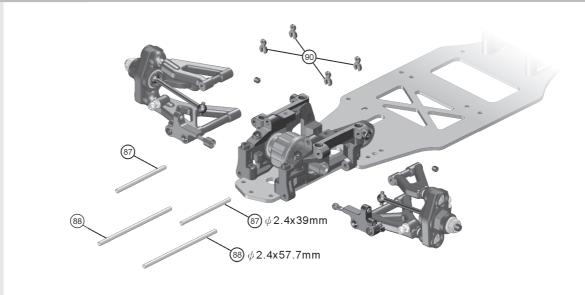
Screw 2.5x8mm.....6

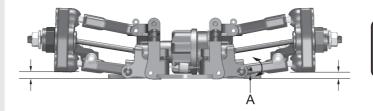
Set screw

Screw 2.5x8mm.....4



Set screw 3x3mm.....2





Turn A to make the lower arms on both sides be the same high, then screw tightly.

Tight

Vio mili Seur CP Sarias-

FRONT TRANSMISSION & MOTOR MOUNT







Ball bearing φ 5x φ 9x3mm......1



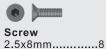
Ball bearing $\phi 5x \phi 10x4mm....1$



E4.....2

Pin φ 1.7x10mm.....1

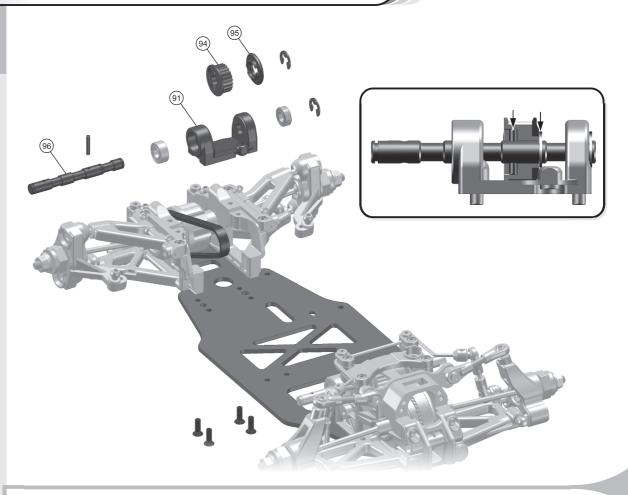
STEP 14

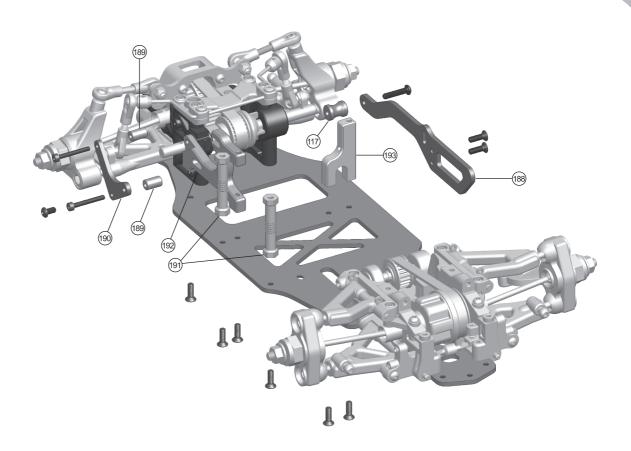


Screw 2.5x16mm.....1











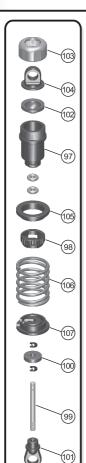
SHOCK ABSORBERS

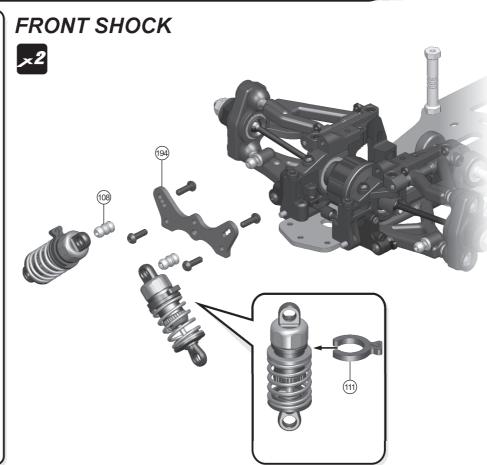


Oring φ 2x1.5mm......4

E-clip E1.5......4

Screw 2.5x8mm......4





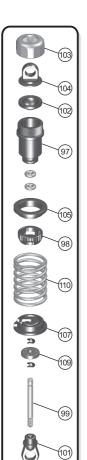


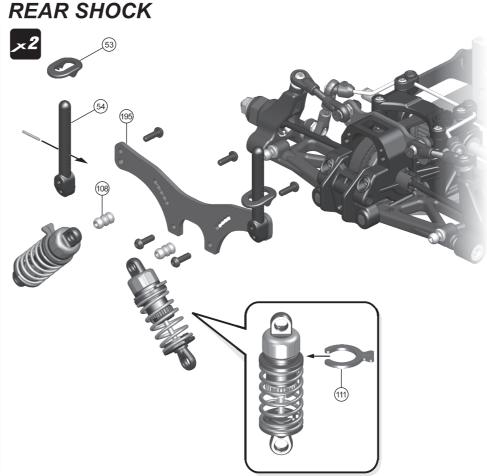
Oring φ 2x1.5mm......4

E-clip E1.5.....4

Pin φ 1x10mm.....2

Screw 2.5x8mm.....6





Vio miniseur apsarias-

TRANSMISSION & SERVO SAVER





Oring ϕ 7x1.9mm.....1



Screw 2.5x5mm......3

Pin

Pin

φ 1.7x7.8mm.....1

φ 1.7x10mm.....2

(7)

E4.....2



Screw 2.5x14mm.....1



Nylon nut 2.5mm.....1

STEP



Ball bearing $\phi 4x \phi 7x2.5$ mm....2



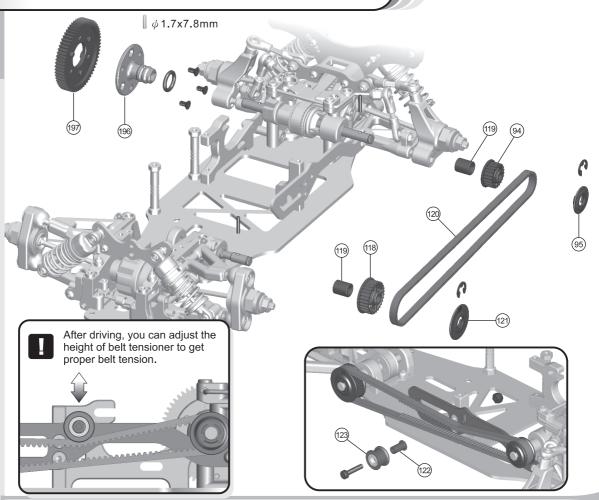
E-clip E5.....1

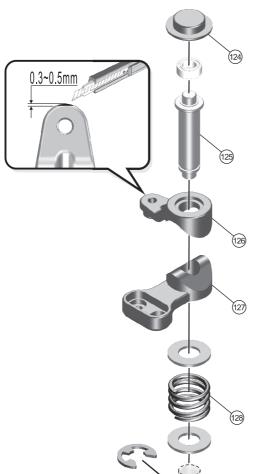


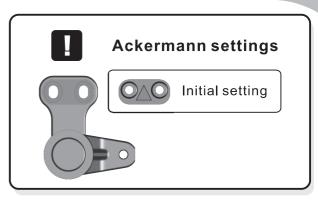
Shim $\phi 6x \phi 12x0.8$ mm...2

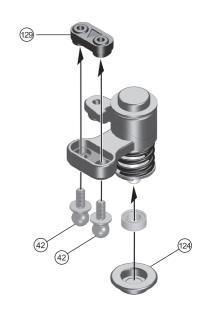


Flange ball joint L=5.5mm.....2

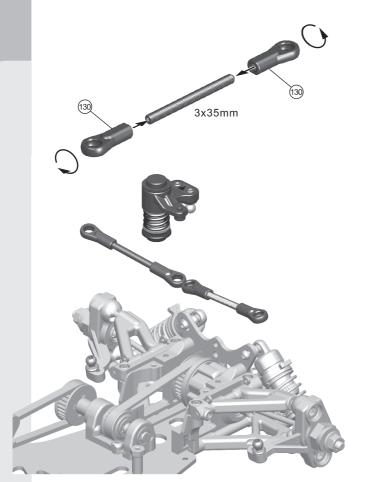


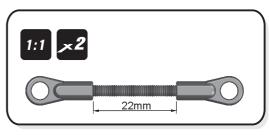


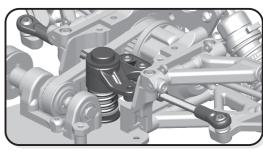




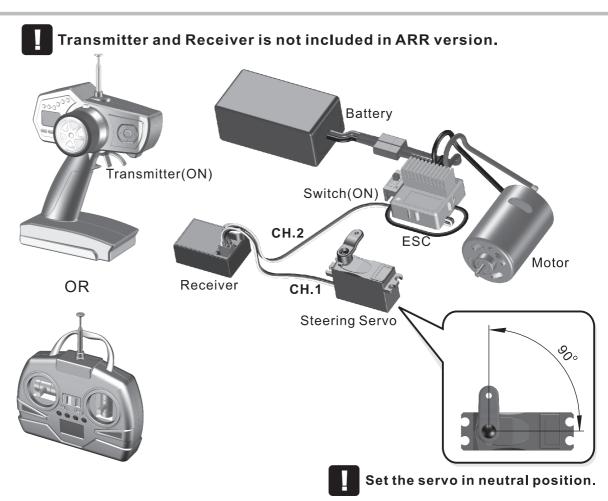
STEERING ROD & ELECTRONICS





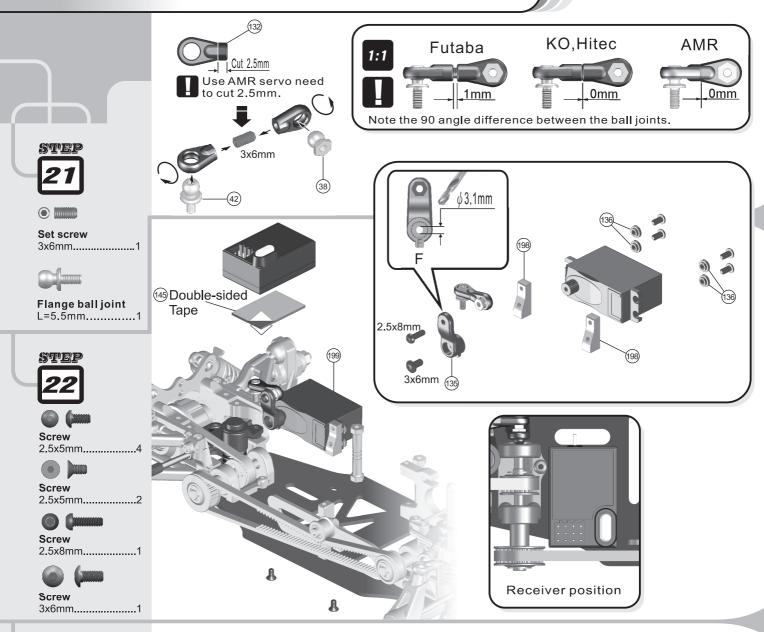






Vio mili Seur Ap Sanias-

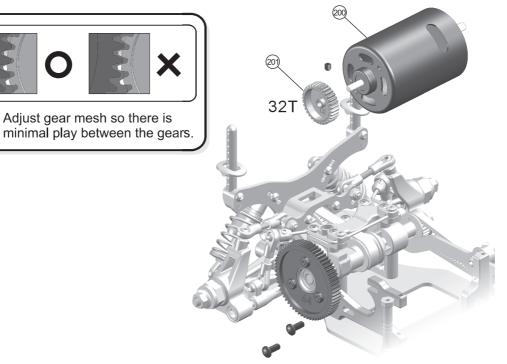
ELECTRONICS & MOTOR











ZIMR

ELECTRONICS

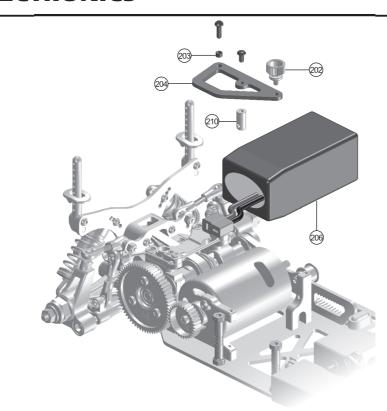
STEP

24



Screw 2.5x5mm.....1





STEP

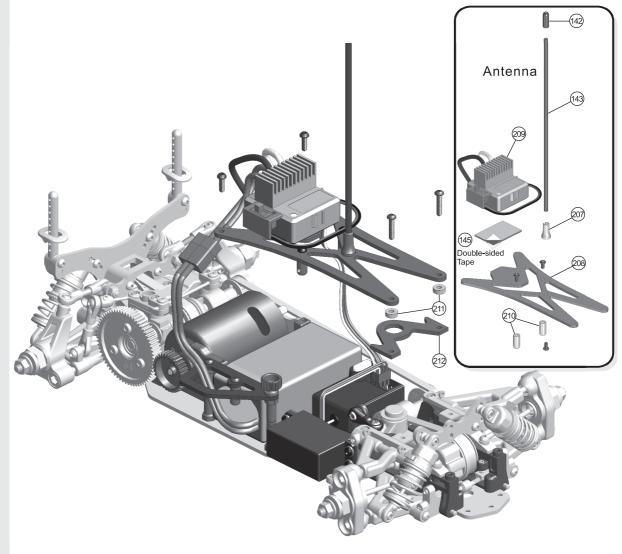
25



Screw 2.5x12mm.....2



Screw 2.5x5mm.....3





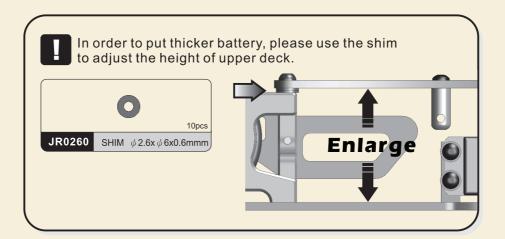
ADJUSTMENT OF UPPER DECK

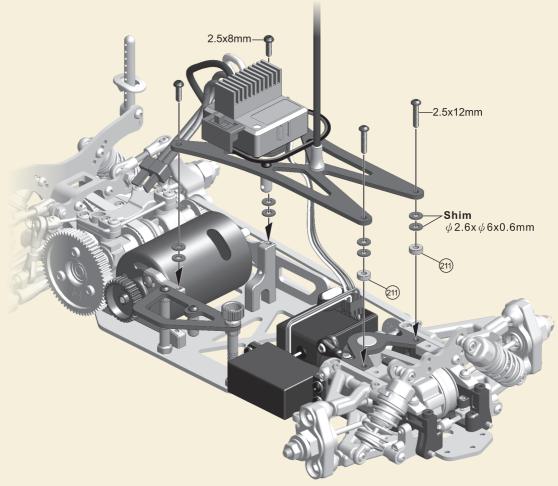








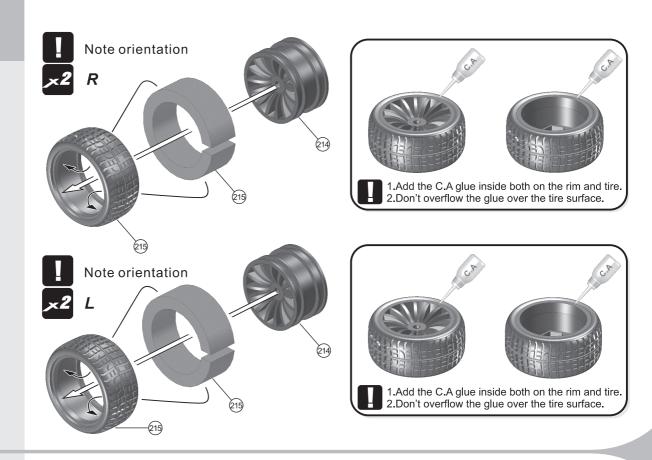




Vio miliseur apsalias-

WHEELS & BUMPER

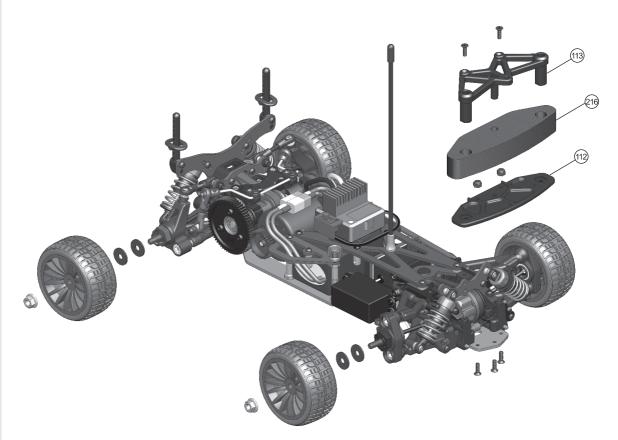
\$TEP 26











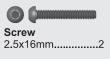


BODY MOUNT

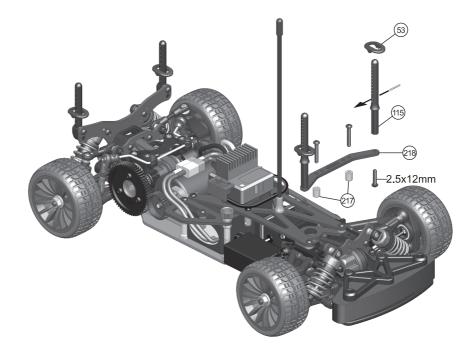
FRONT BODY MOUNT







Pin φ1x10mm.....2

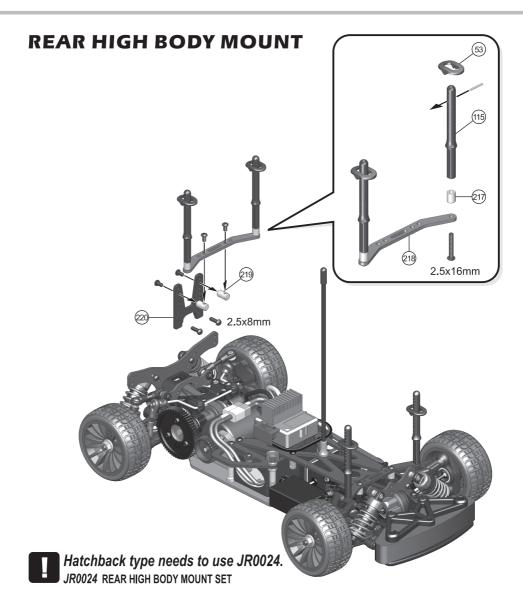


5TEP **29**

Pin φ1x10mm.....2







Wo MIII SEUD EP SELIES-

SPARE PARTS LIST

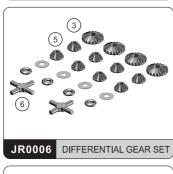


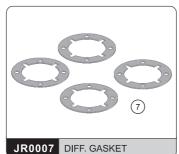


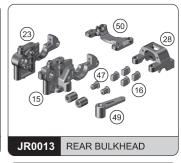


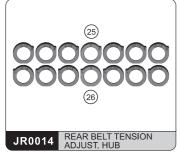








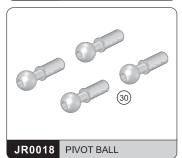




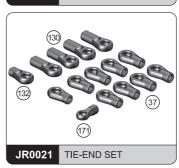


















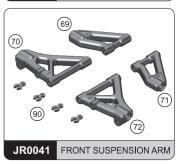






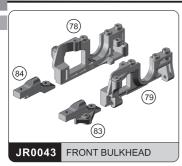


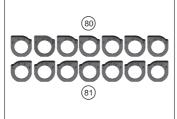






SPARE PARTS LIST



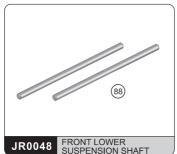


JR0044 FRONT BELT TENSION ADJUST. HUB

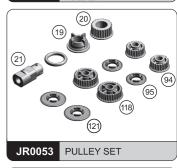




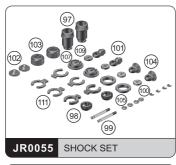


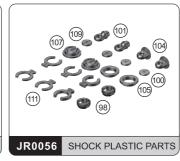




















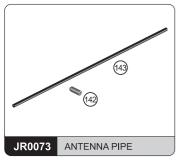


















WOMINISEUD OP SANIAS-

SPARE PARTS LIST



JR0218 ANTENNA MOUNT



JR0219 BATTERY BACKSTOPS



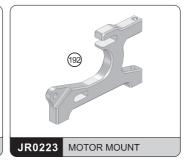
JR0220 UPPER DECK SPACER



JR0221 A7075-T6 MAIN SHAFT



JR0222 SPUR GEAR HOLDER





JR0224 SERVO MOUNT





BATTERY BRACE SUPPORT JR0226



JR0227 SIDE BRACE MOUNT



M4 FRONT UNIVERSAL SWING SHAFT JR0228



M4 WHEEL DRIVE AXLE JR0229



JR0230 FRONT SHOCK TOWER





JR0232 UPPER DECK



JR0233 MAIN CHASSIS



JR0234 SIDE BRACE



JR0235 MOTOR MOUNT SUPPORT



JR0236 BATTERY BRACE



JR0237 FRONT FOAM BUMPER









ZIMR:

SPARE PARTS LIST



Wominiseup epseries-SPARE PARTS LIST

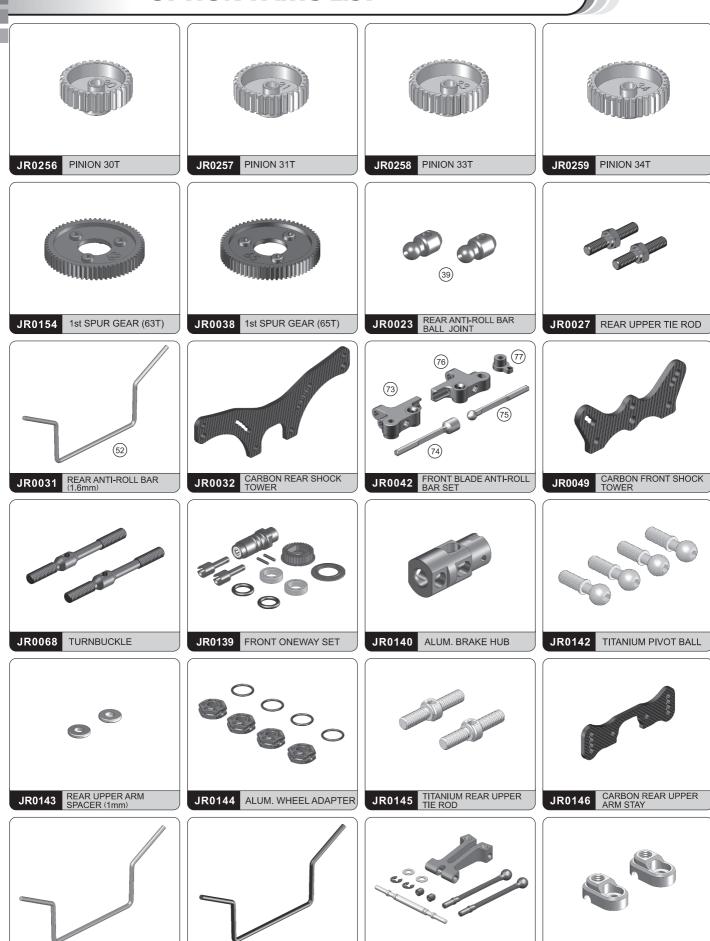








OPTION PARTS LIST



JR0151 ALUM. REAR ANTI-ROLL BAR HOLDER

JR0148 REAR ANTI-ROLL BAR (1.7mm)

JR0149 REAR ANTI-ROLL BAR (1.8mm)

JR0150 REAR ADJUSTABLE ANTI-ROLL BAR SET

WOMINISEUD GP SHIIGS-

OPTION PARTS LIST

































AMR TECH CO., LTD.

No. 78, Minfu St., Daya Township, Taichung County 428, Taiwan R.O.C. Tel: 886-4-2567-6816 ext:209 Fax: 886-4-2567-0222

Http://www.amrtech.com.tw

E-mail: amr-service@umail.hinet.net