

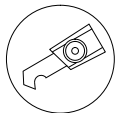
# RC Conversion Kit for Tamiya 1/35 JGSDF Type16 MCV

(Item 35361) with MTC-2, ACU and GSU

## User Manual

### Attention!

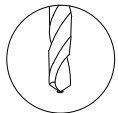
- 1) This kit is designed for experienced model makers. It may be difficult for beginners. Please read this manual thoroughly to see if you have the required skills and tools.
- 2) Cutting tools are used frequently in this kit. Extra care should be taken to avoid injury. Wear hand gloves and eye protection spectacle if necessary.
- 3) Keep room well ventilated when working with cements, paints and organic solvents.
- 4) Visit [www.35rctank.com](http://www.35rctank.com) for addition tips and update information.



scriber



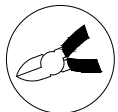
apply cement



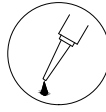
drill hole



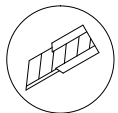
do not apply cement



side cutter



apply instant glue



modelling knife



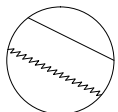
wait overnight



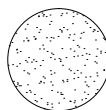
carving knife



solder



hand saw

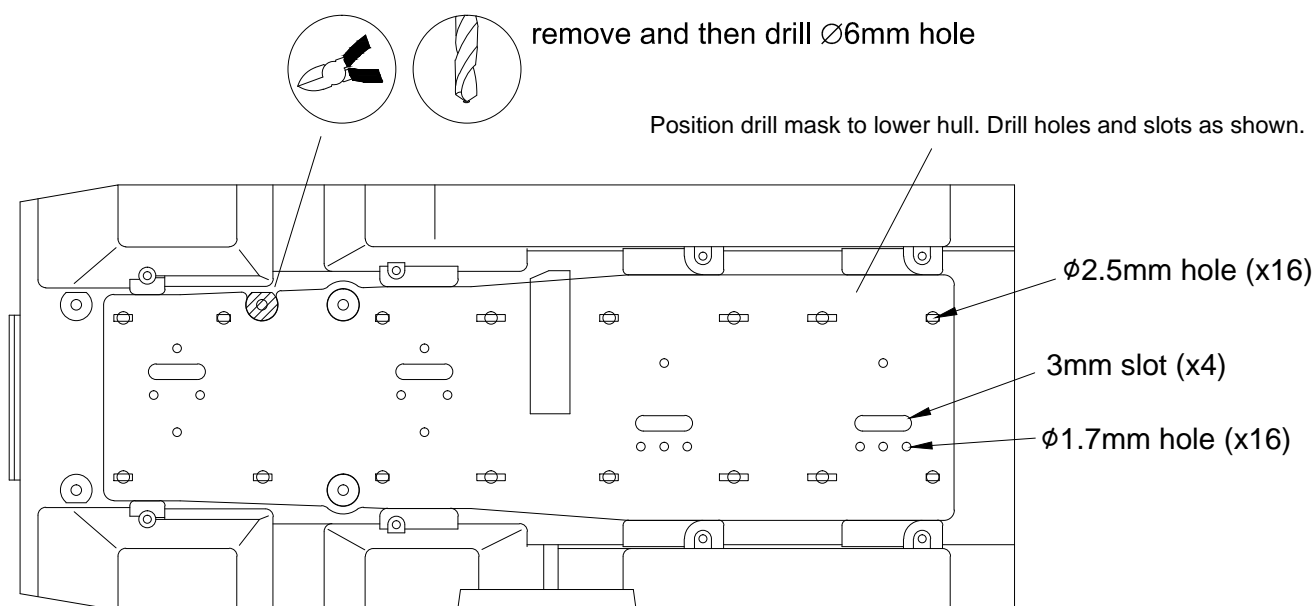


polish with sand paper

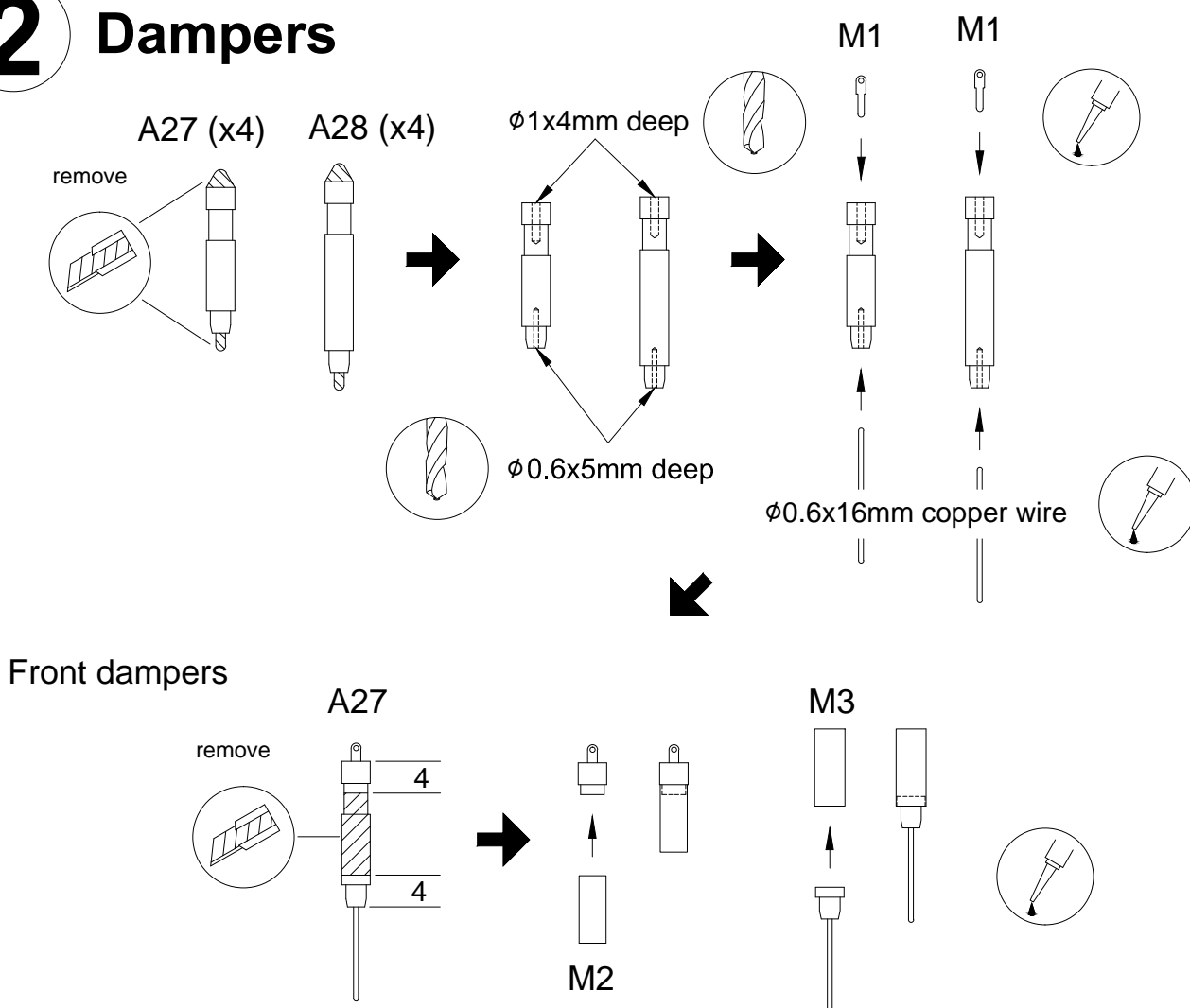


Attention!

# 1 Lower hull

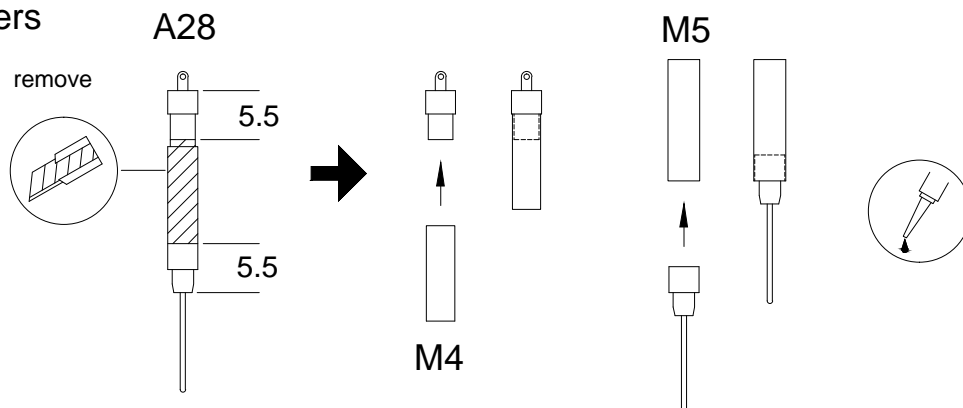


# 2 Dampers



## 2 Dampers

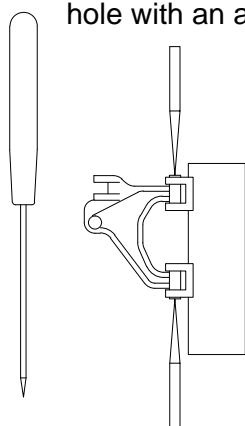
Rear dampers



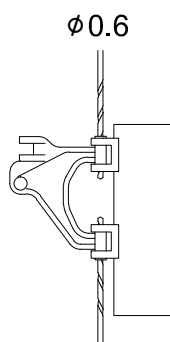
## 3 Make moveable hinges

- ! Making moveable hinges are the most challenging part. Make sure all pin holes are drilled accurately.

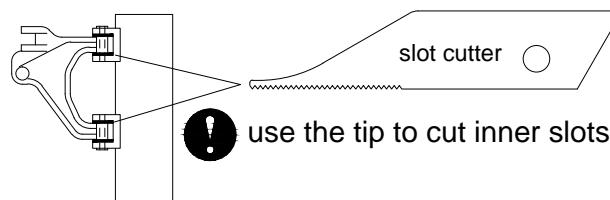
Step 1: make pilot hole with an awl



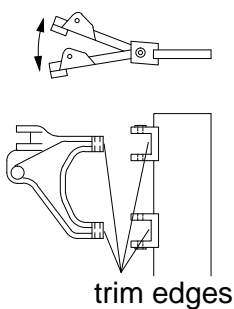
Step 2: drill hole



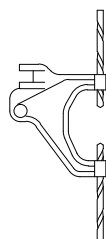
Step 3: use slot cutter to cut slots



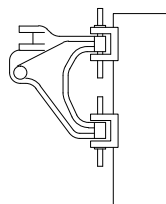
Step 4: twist, break, and trim



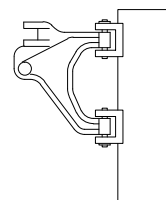
Step 5: enlarge inner holes to  $\phi 0.7$



Step 6: insert  $\phi 0.6$  copper wire



Step 7: trim wire

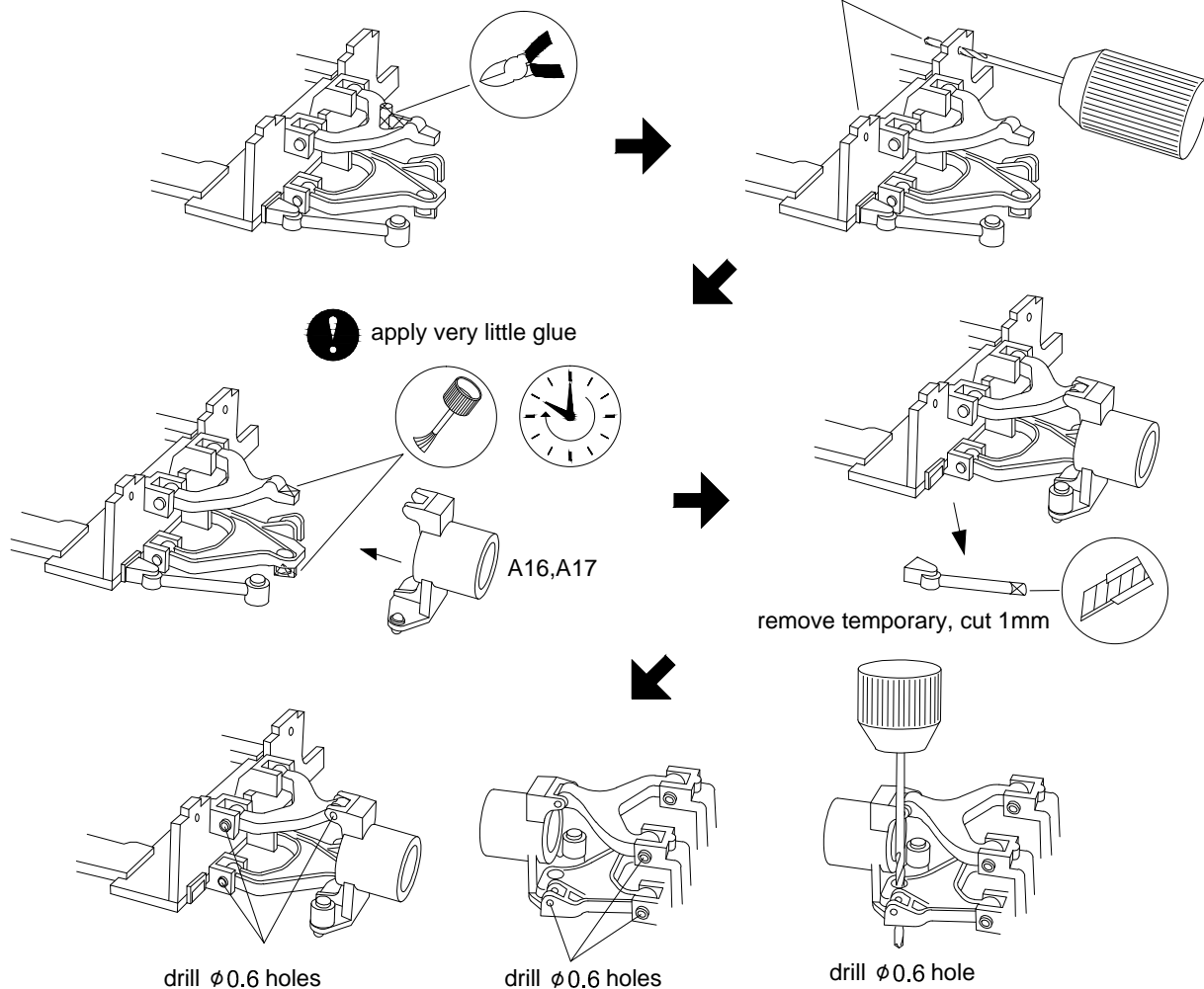


# 4

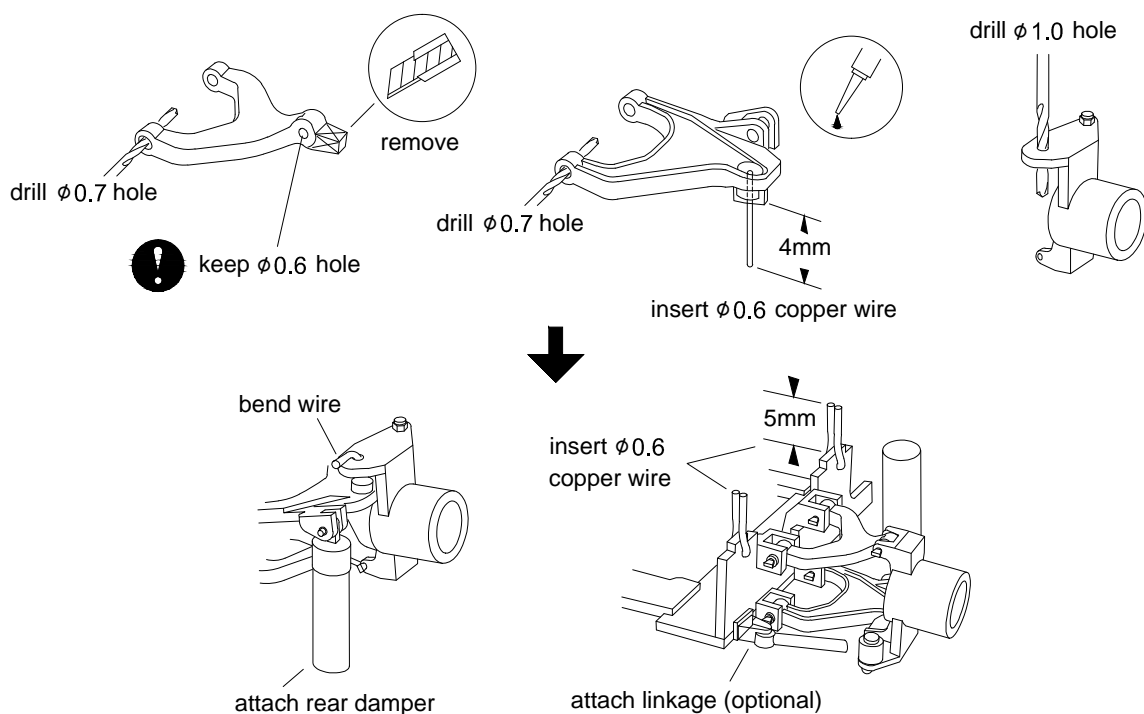
## Rear suspensions C, D

Build suspension C: C50, C37, C38, A21,  
and suspension D: C53, C54, C55, A21

drill  $\phi 0.6$  holes on C37, C38, C54, C55

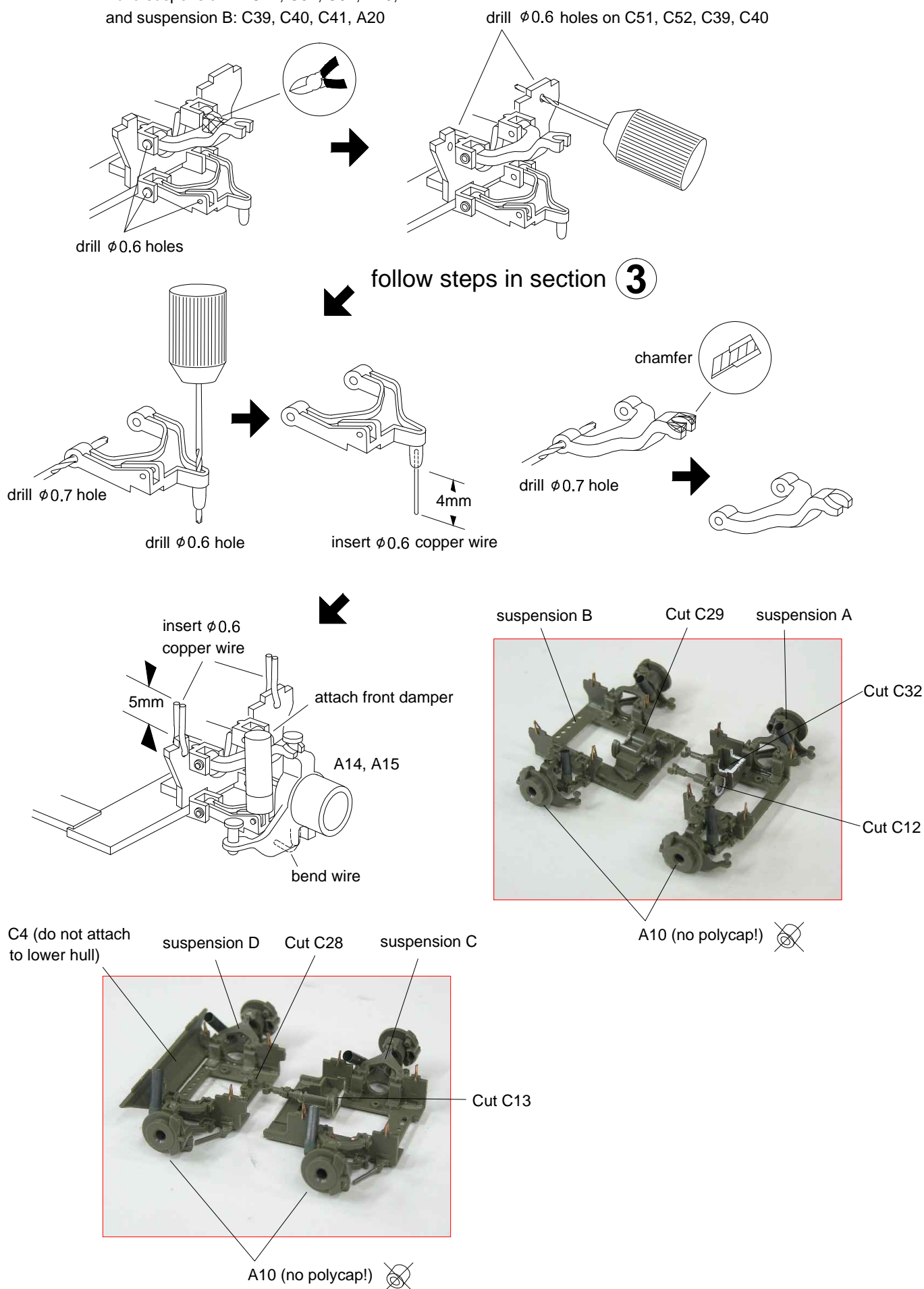


follow steps in section **3**

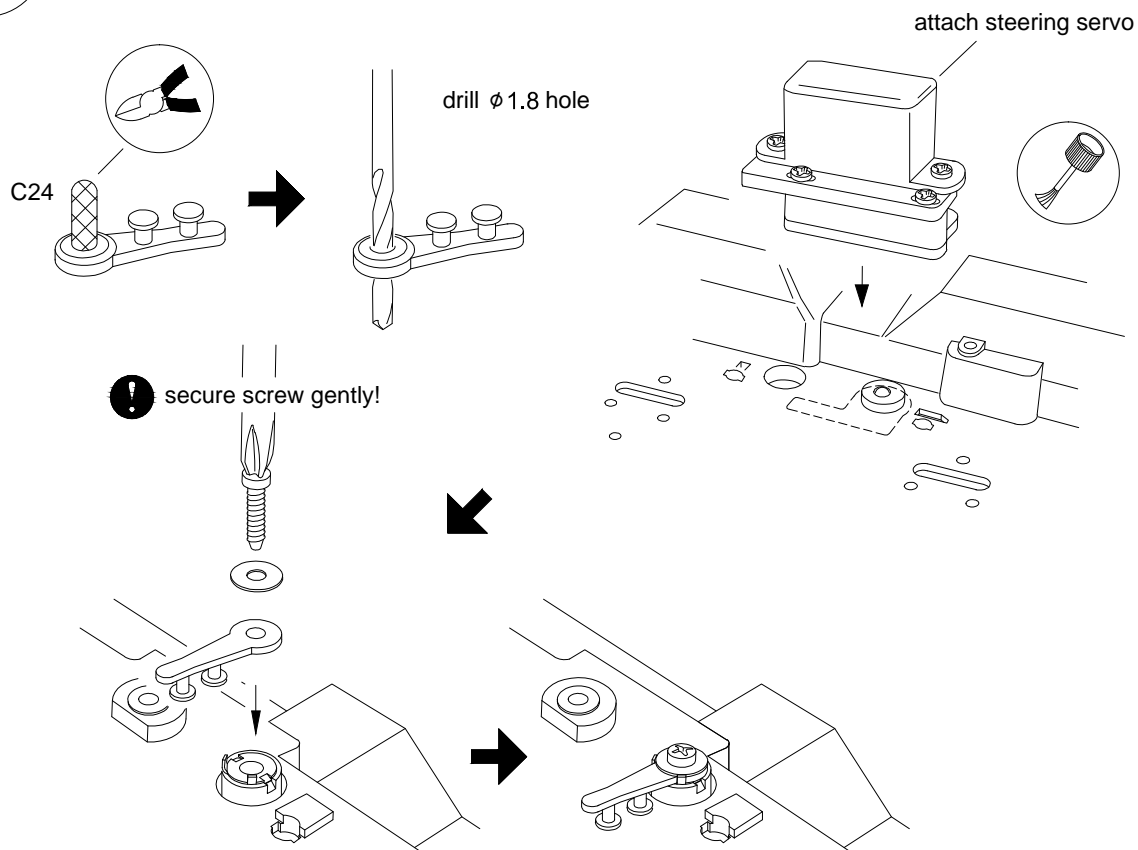


# 5 Front suspensions A, B

Build suspension A: C42, C51, C52, A20,  
and suspension B: C39, C40, C41, A20



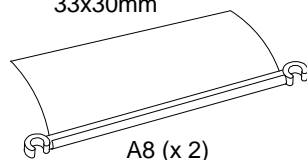
## 6 Steering servo



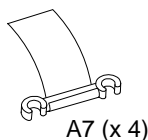
## 7 Installing suspensions

! the steering linkages are fragile, use aluminum foil to reinforce

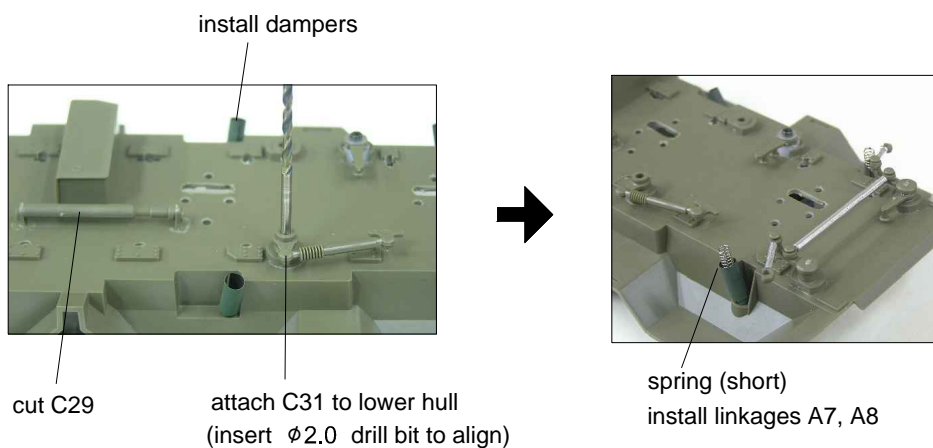
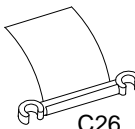
aluminum foil sticker  
33x30mm



7x30mm



12x30mm



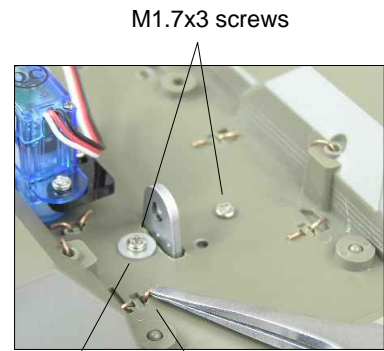
# 7 Installing suspensions



insert axle assembly to suspension A



install to lower hull

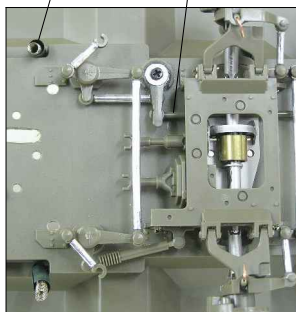


M1.7x3 screws

bend copper wire

! W1 - 0.4mm washer  
(suspension A only)

spring (short) A8 (without aluminum foil)



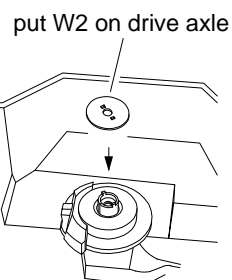
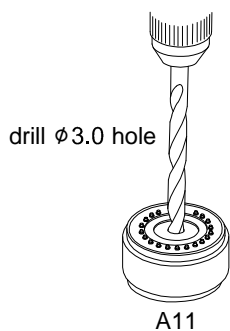
install linkages A7, A8, C26



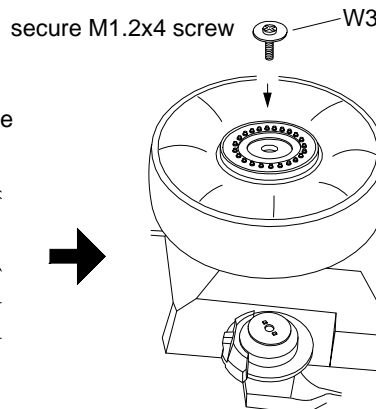
install suspensions C, D to complete



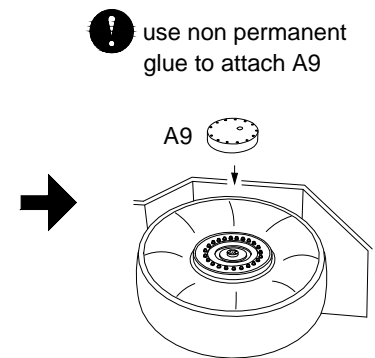
# 8 Wheels



put W2 on drive axle



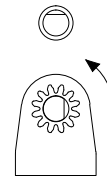
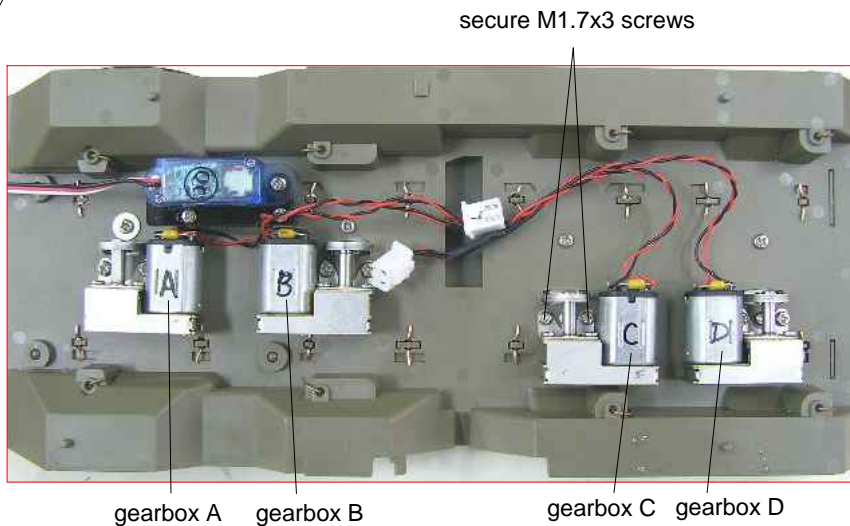
secure M1.2x4 screw



! use non permanent  
glue to attach A9

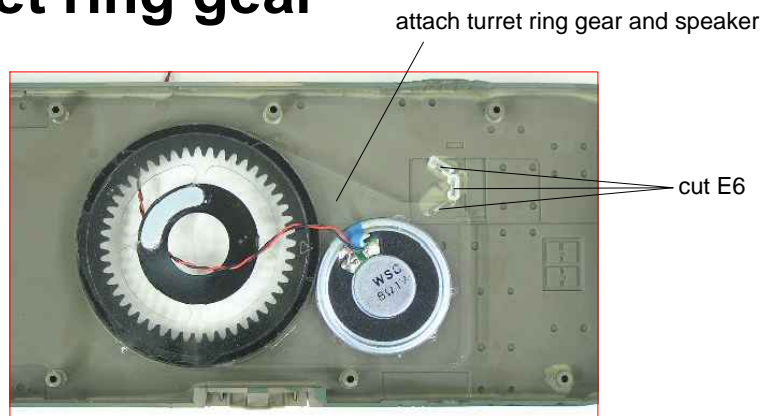
A9

## 9 Gearbox

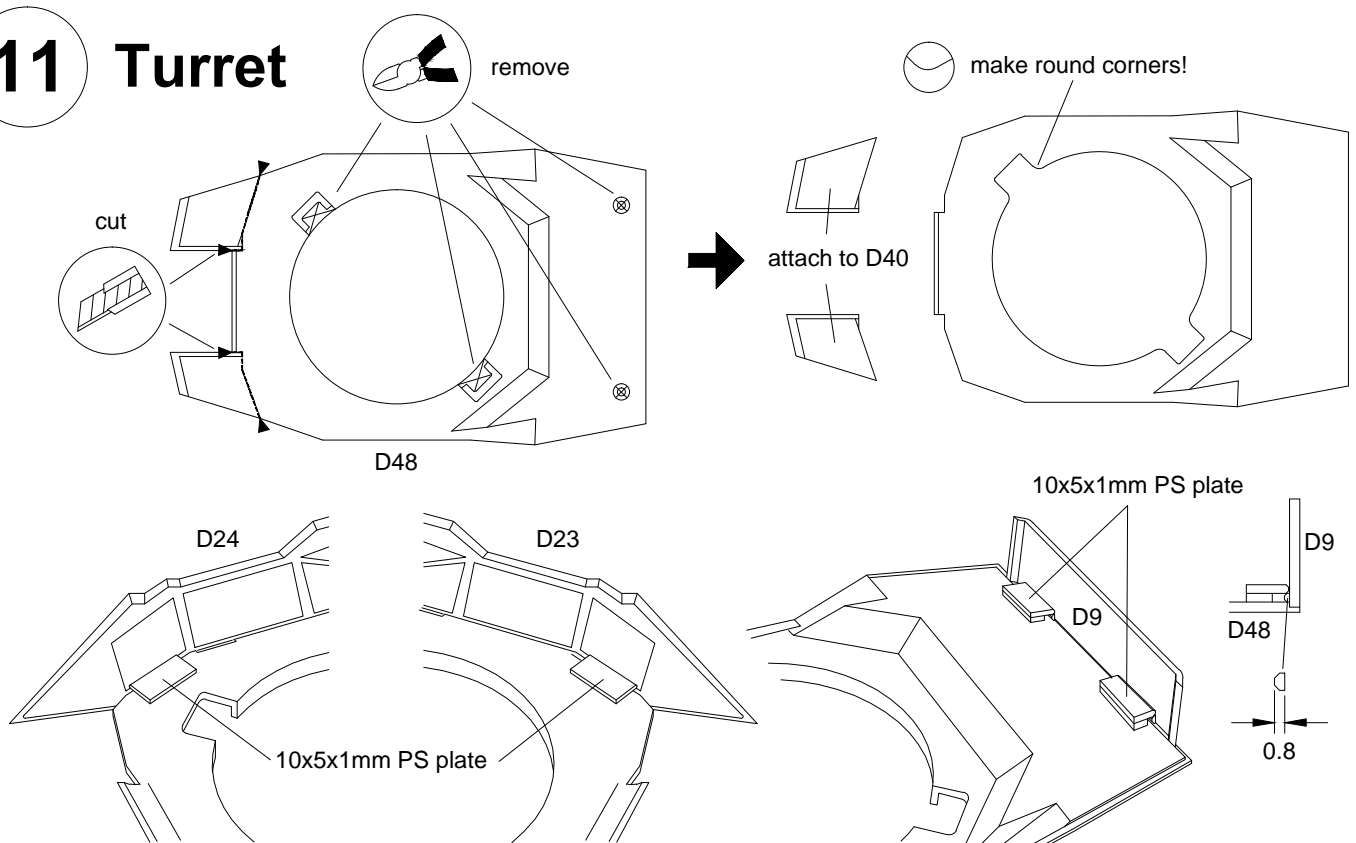


! rotate wheels to align pinion and driving shaft

## 10 Turret ring gear

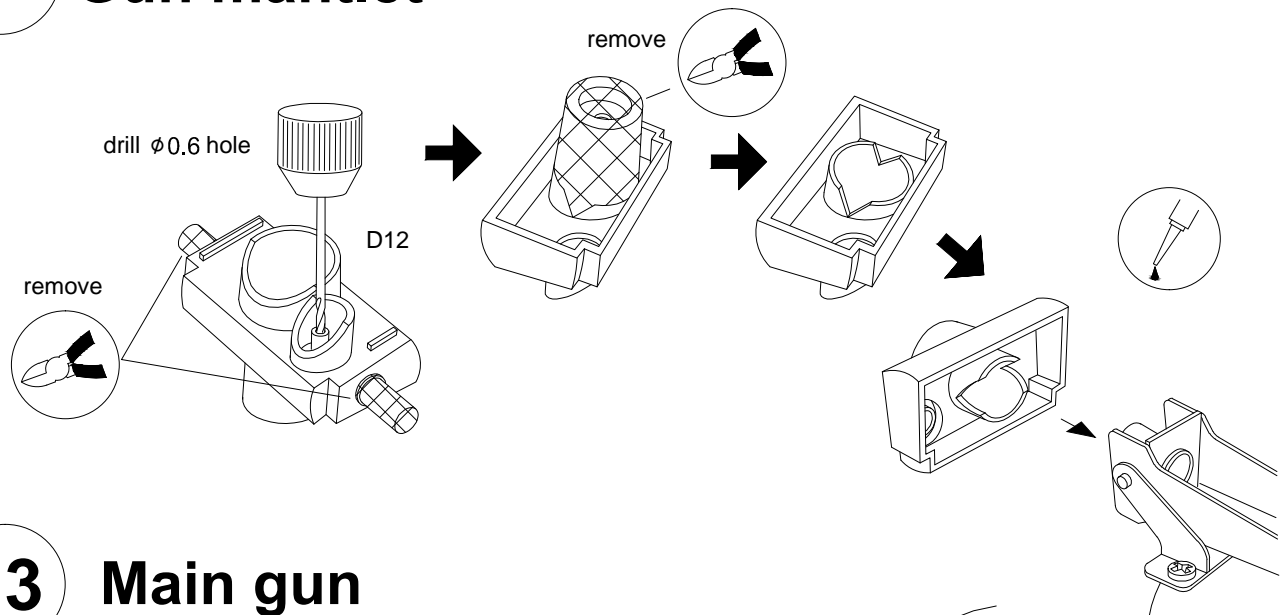


## 11 Turret

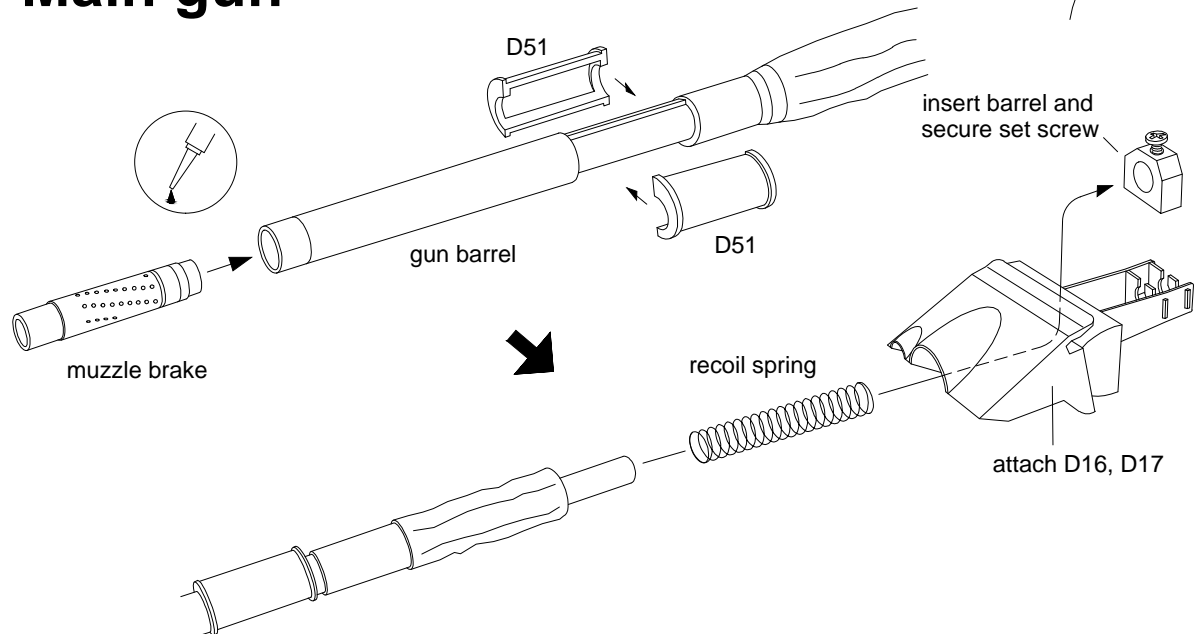




## 12 Gun mantlet

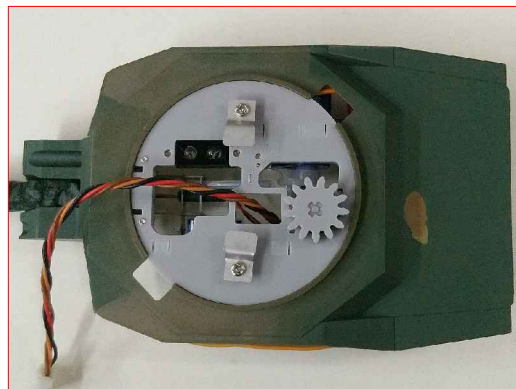
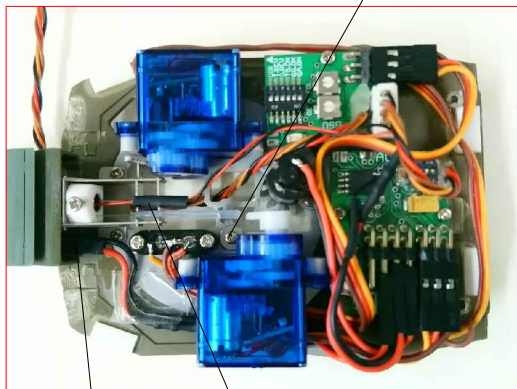


## 13 Main gun



## 14 Turret servo assembly

! adjust recoil travel if necessary



machine gun LED  
secure with adhesive tape

main gun LED, press fit to gun  
barrel here, do not apply cement



## 15 Attach turret

attach turret

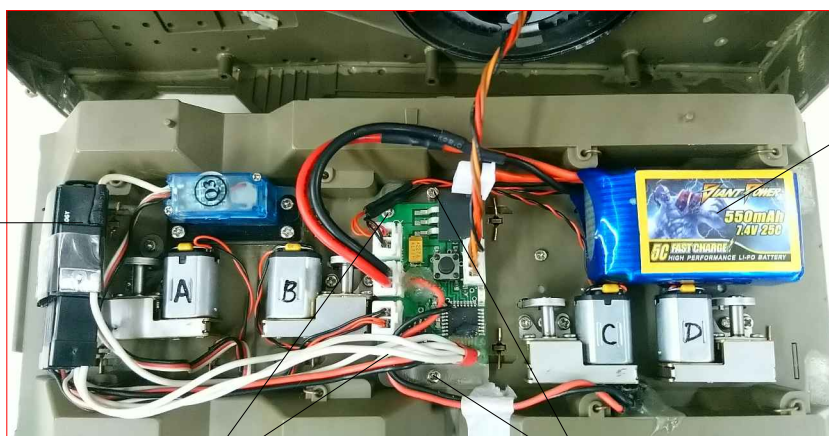


rotate and secure locking plates



## 16 Lower hull connections

Spektrum 2.4G  
AR6110e  
micro receiver



2 Cell 7.4V  
550mAh Lipo battery

Secure MTC-2  
by M2 x 3 screws

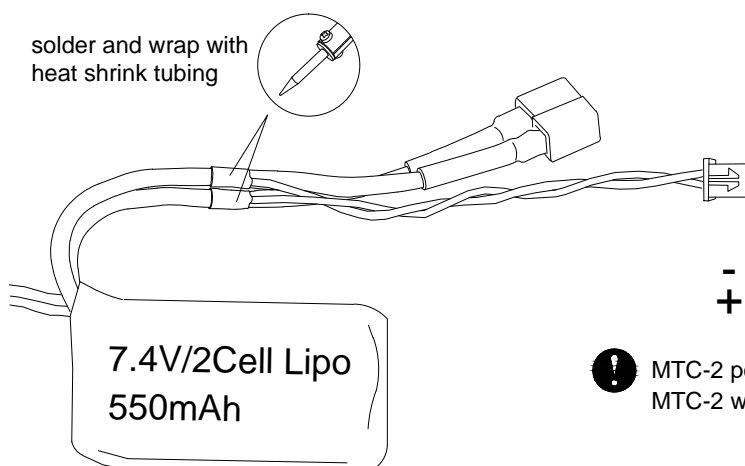
Secure MTC-2 mounting plate  
by M1.7 x 3 screws

## 17 Using Lipo battery

⚠ Lipo battery can be dangerous if not use properly! Follow all safety precautions and always use a dedicated Lipo charger.

- 1) Use 7.4V/2Cell Lipo battery (500-600mAh)
- 2) Make sure battery is small enough to put inside the lower hull.
- 3) Solder connector for MTC-2 as shown. Keep original connector for charging.

solder and wrap with  
heat shrink tubing



⚠ MTC-2 power connector  
MTC-2 will damage if polarity is not correct!