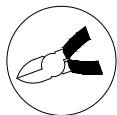


# RC Conversion Kit for Tamiya 1/16 Flakpanzer Gepard

Note: This kit is designed for TAMIYA 1/16 Flakpanzer Gepard RC version 56003, or display version 36208

## Attention!

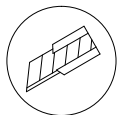
- 1) This kit is designed for experienced model makers. It may be difficult for beginners. Please read this manual thoroughly to see if you have the required skills and tools.
- 2) Cutting tools are used frequently in this kit. Extra care should be taken to avoid injury. Wear hand gloves and eye protection 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.



side cutter



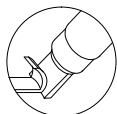
apply cement



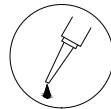
modelling knife



do not apply cement



carving knife



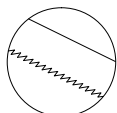
apply instant glue



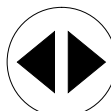
all purpose glue



scriber



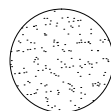
hand saw



both sides



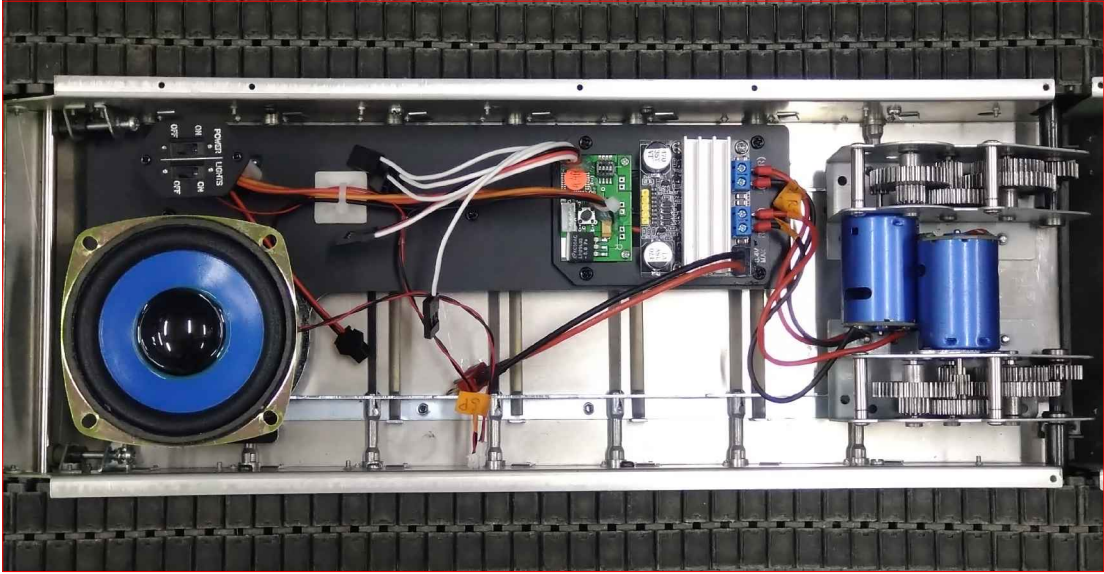
Attention!



polish with sand paper

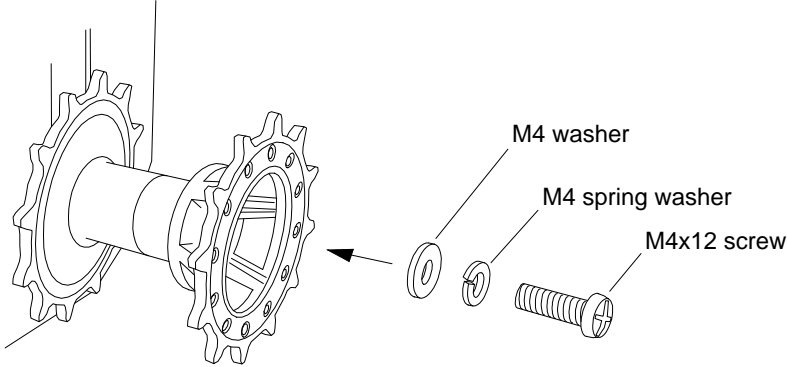
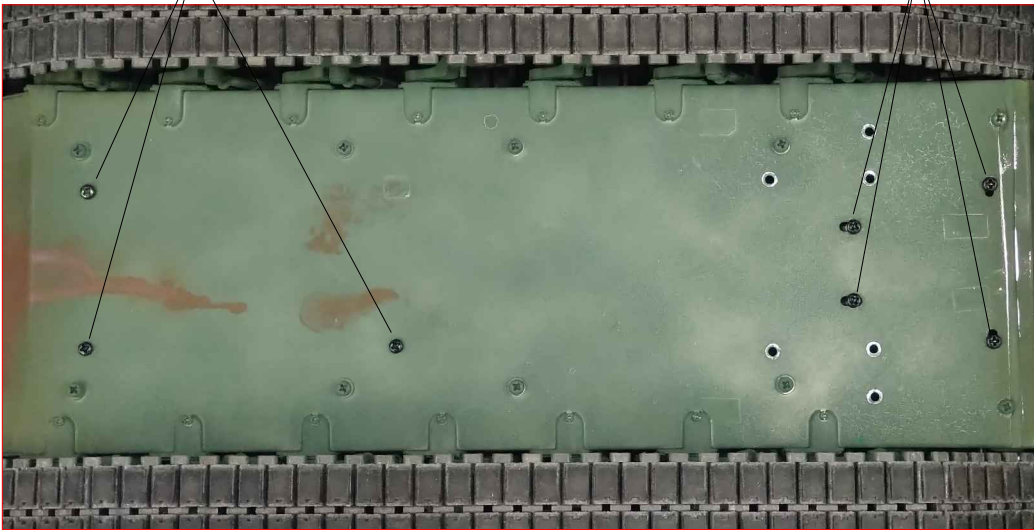
# 1

## Lower hull



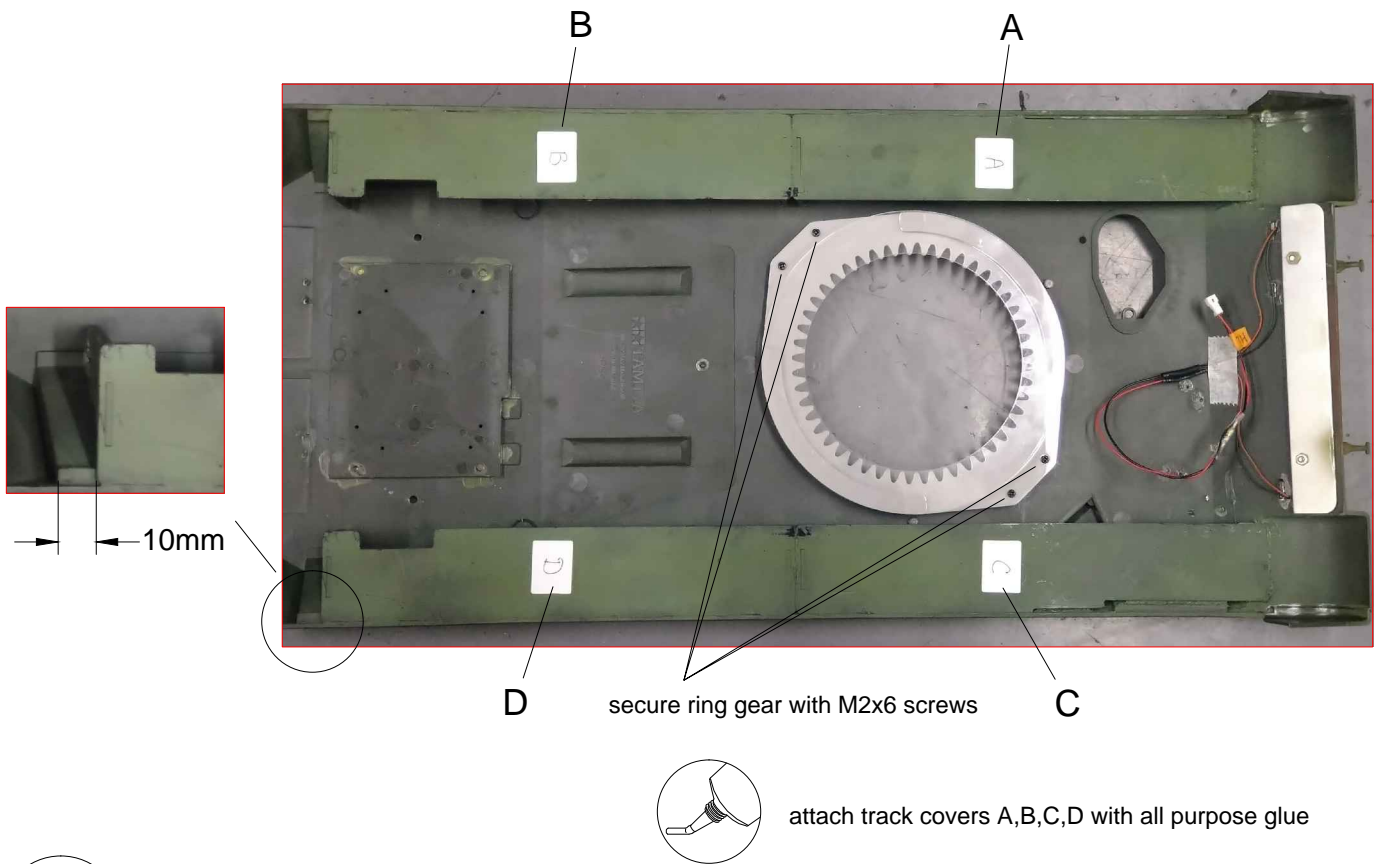
secure MTC-2-BT and speaker with M3x5 screws

secure gearbox with M3x5 screws



secure sprocket with M4x12 screw

## 2 Turret ring gear and track covers



## 3 LED head lights



1) use aluminum sticker to make reflector



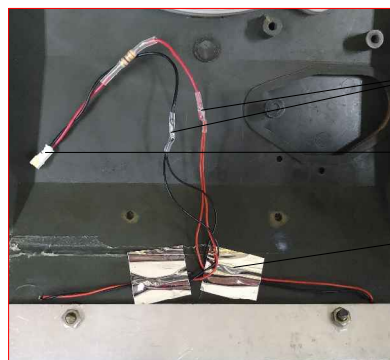
2) drill  $\phi 1.2\text{mm}$  hole



3) insert LED head light

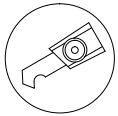


4) drill  $\phi 1.2\text{mm}$  hole on upper hull

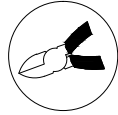
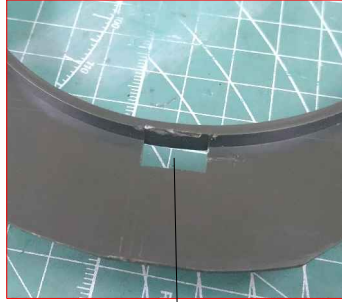


5) attach head lights and connect to power connectors

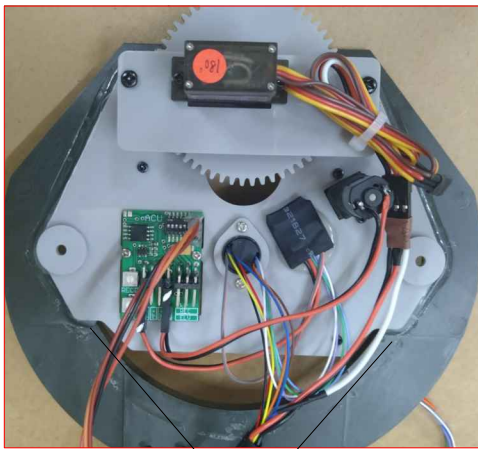
# 4 Turret



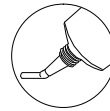
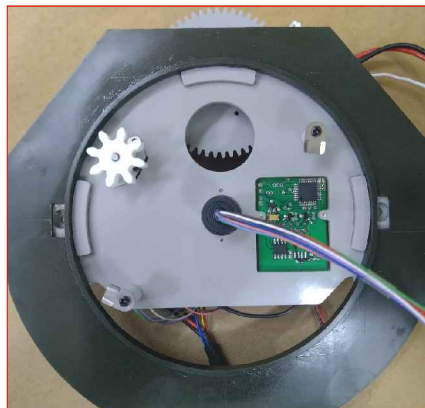
seperate track radar base



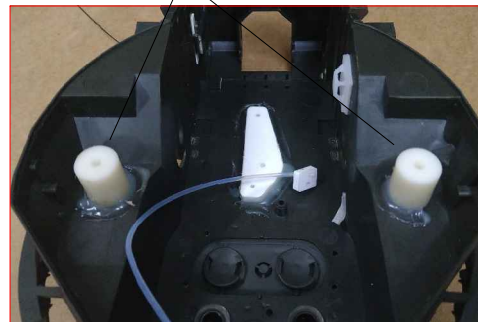
remove turret locking plates



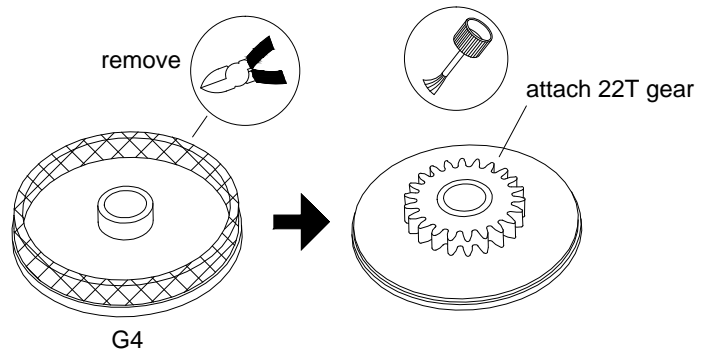
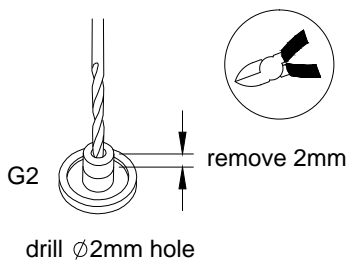
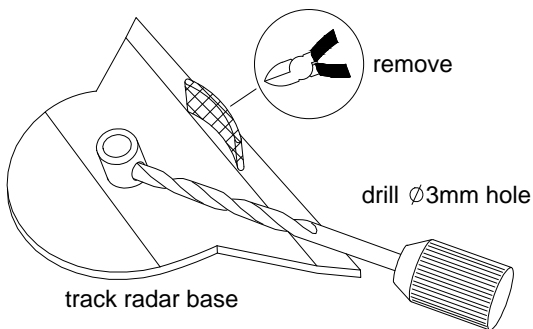
attach turret assembly with all purpose glue or hot melt glue



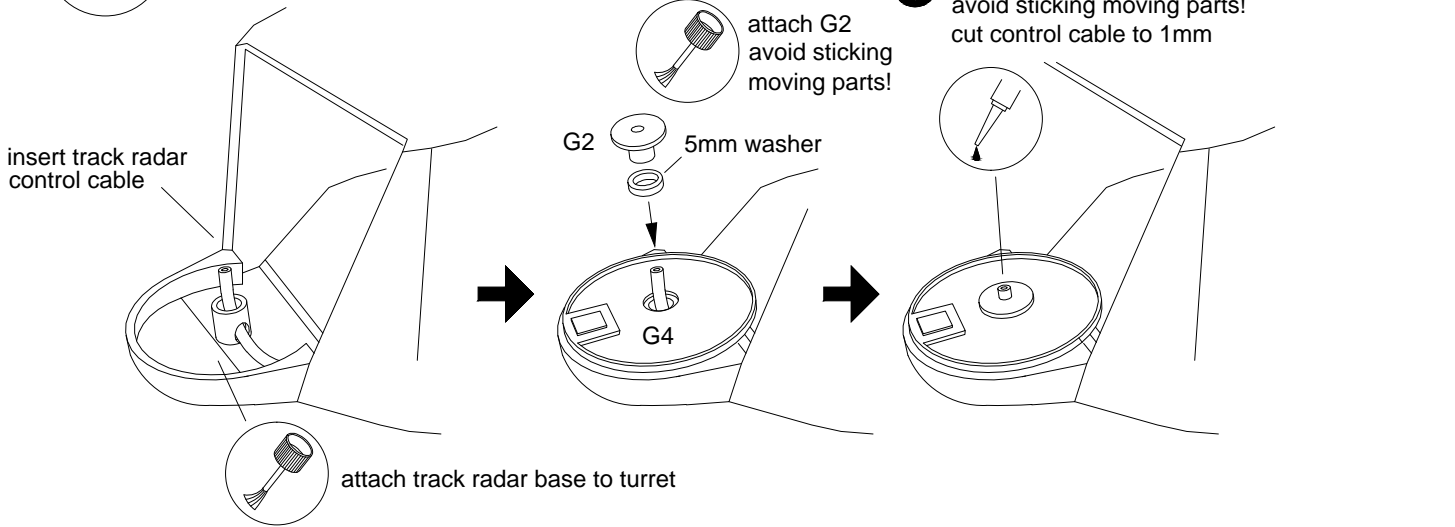
attach turret mounting poles with all purpose glue or hot melt glue



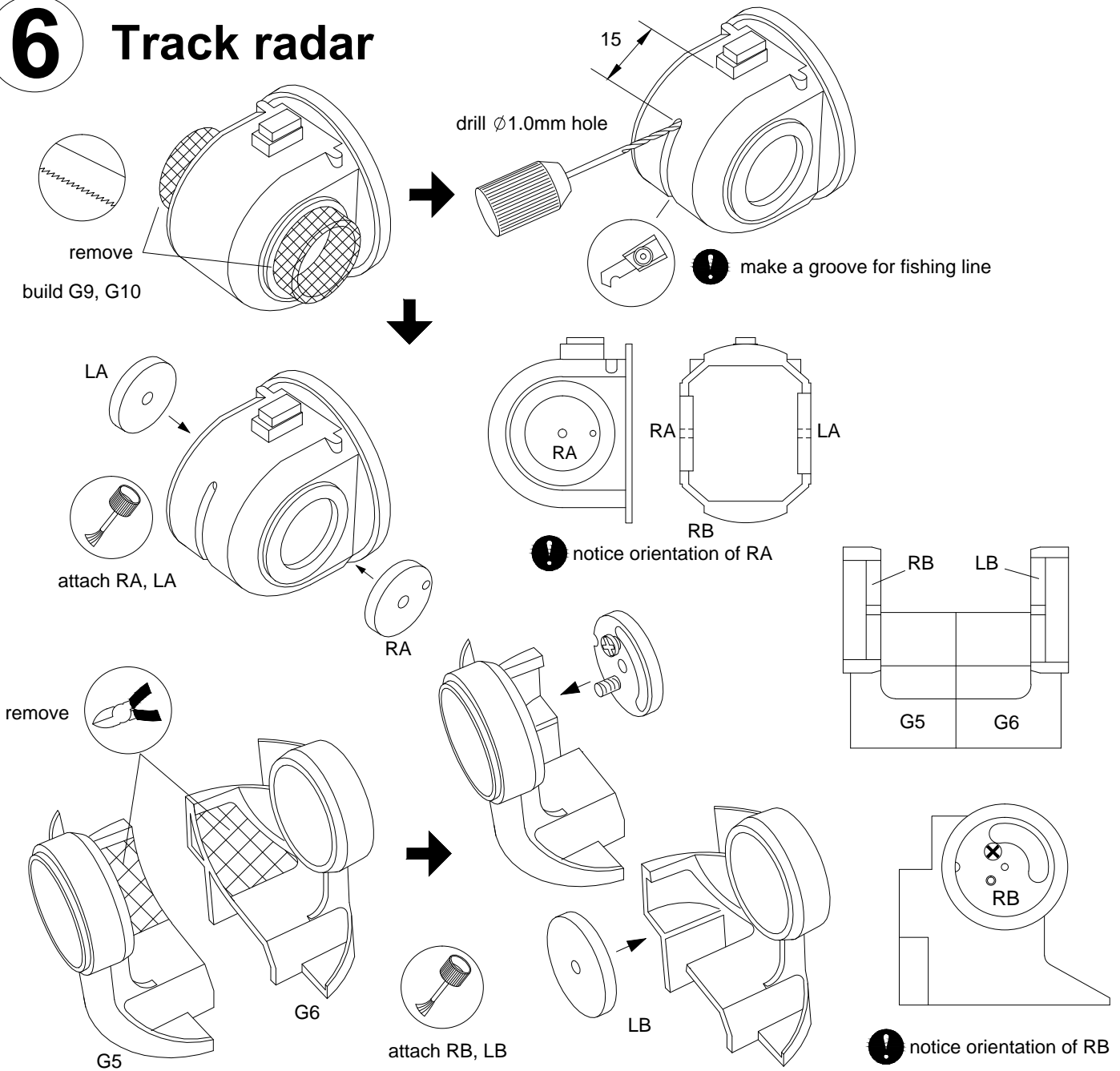
# 5 Track radar base



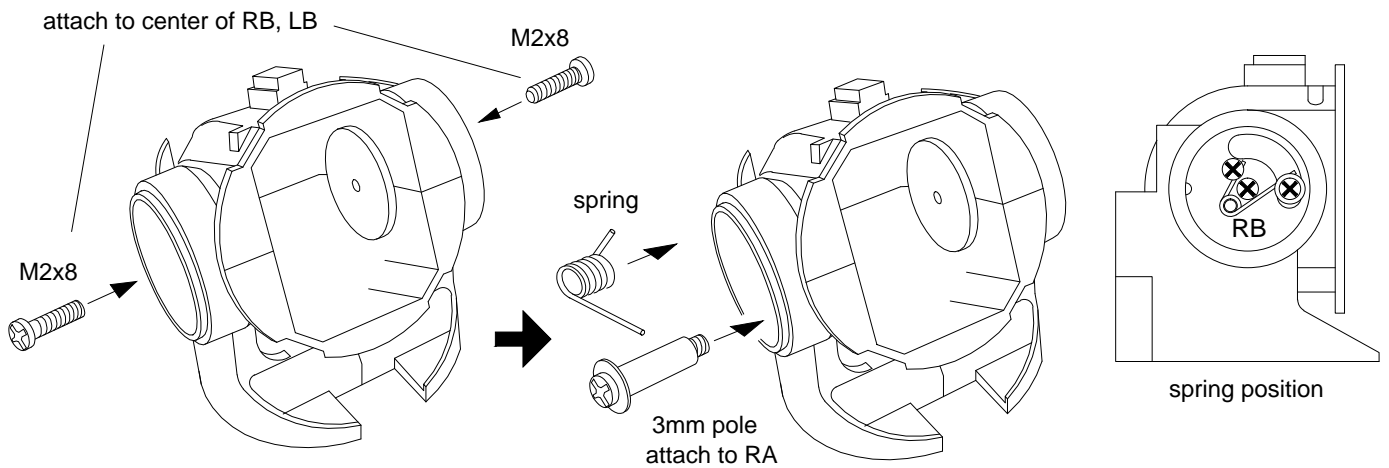
# 5 Track radar base



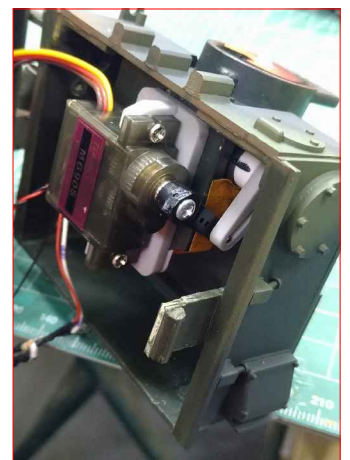
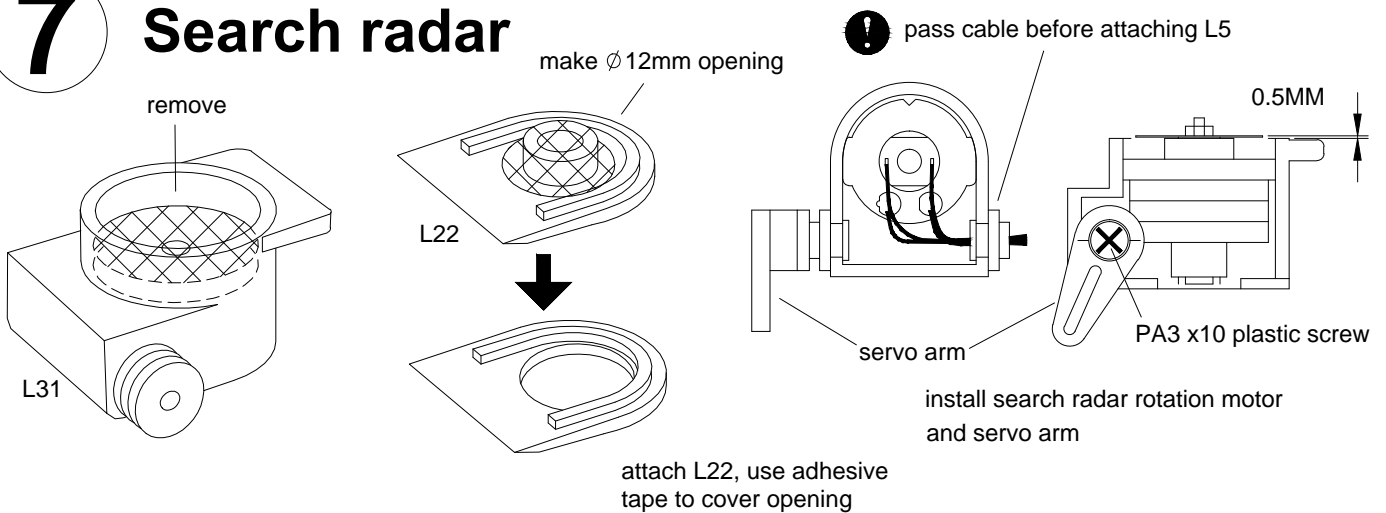
# 6 Track radar



# 6 Track radar



# 7 Search radar

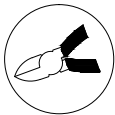


use non permanent glue, or adhesive tape to secure L9



attach search radar servo to L9

# 7 Search radar



L23  
remove center part



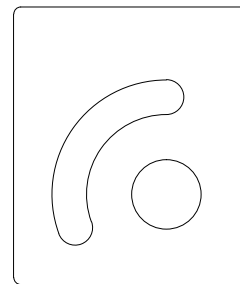
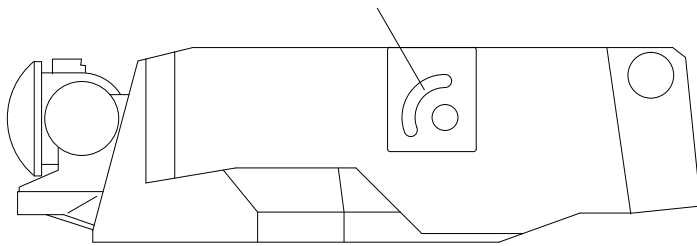
search radar stop mark



attach search radar with  
double side adhesive tape

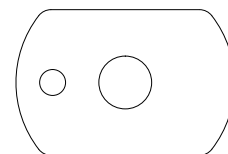
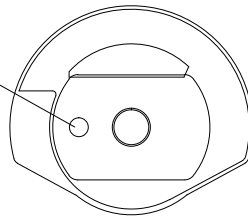
# 8 Opening for gun flash LED (RC version only)

make opening for LED cables (RC version only)



drill mask plate for turret

drill  $\varnothing 5\text{mm}$  holes on N20, N21, N22, N23



drill mask plate for N20, N21, N22, N23

# 9 Gun flash LEDs



1) Drill  $\varnothing 2.4\text{mm}$  holes at the ends of cannon



4) Insert gun flash LED in position



2) Attach LED cables to 0.5mm steel wire



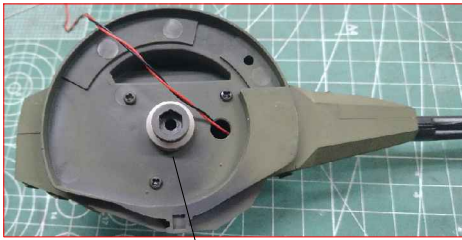
5) Pass cables through N20, N21, N22, N23



3) Pass cable carefully to the end

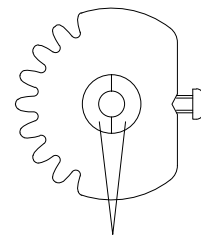
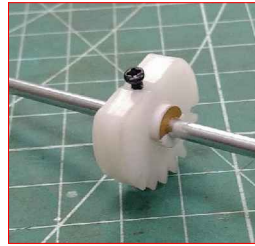
# 10 Gun elevation servo

For display version:



insert  $\varnothing 10\text{mm}$  adaptor ring to N23

For RC version:



insert  $\varnothing 3\text{mm}$  shaft adaptor

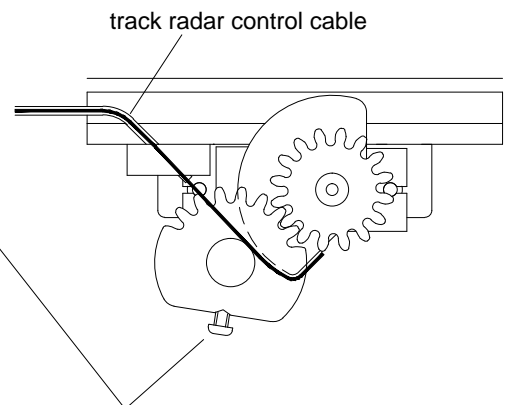
secure track radar control cable with M2x6 screw



attach mounting plate to turret align to center hole on turret



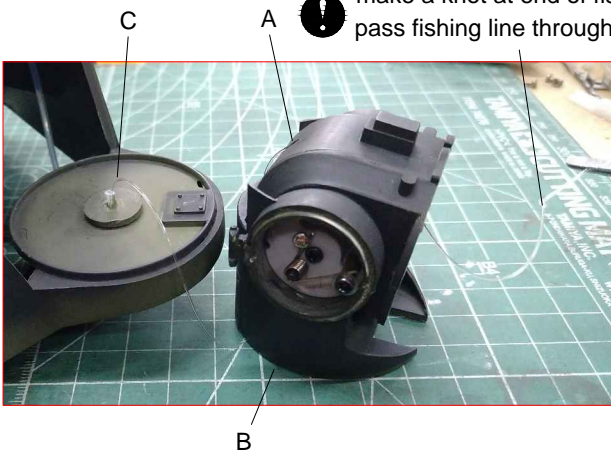
adjust servo position



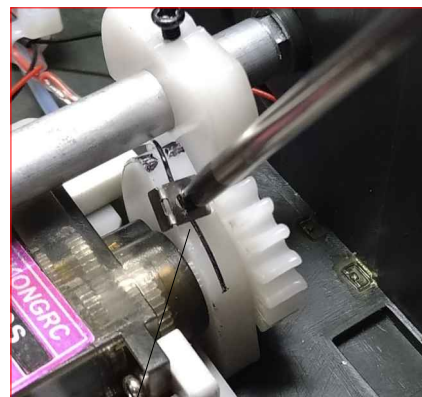
gear orientation when cannon at 0 degree adjust and secure gun elevation gear

# 11 Track radar control cable

make a knot at end of fishing line pass fishing line through A, B, C



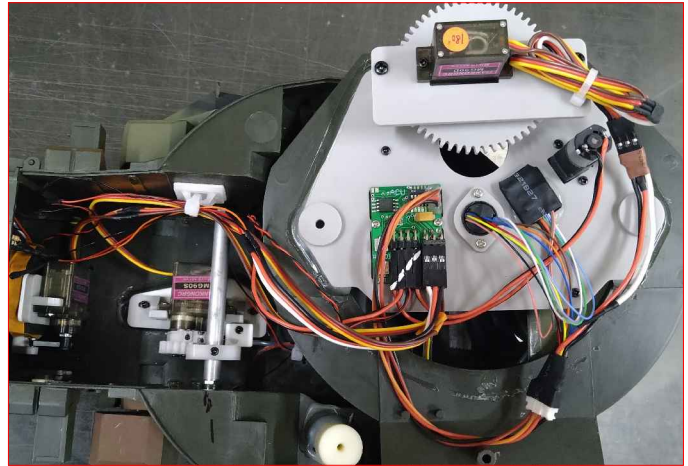
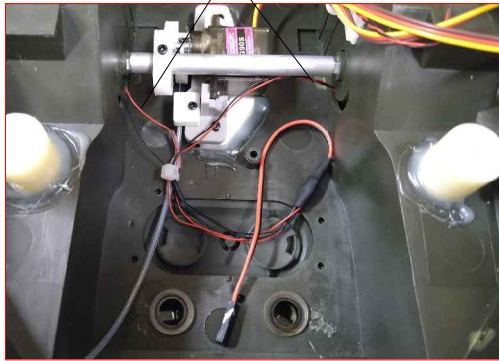
attach track radar to the base with non permanent glue, or double side adhesive tape



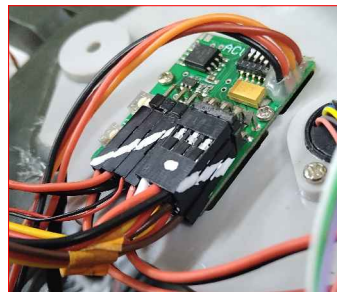
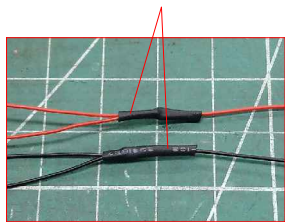
adjust fishing line until track radar and cannon have same angle, secure end of fishing line here

# 12 Turret connections

connect gun flash LED cables to ACU connector



connect LED cables and wrap with heat shrink tube



! tie cables neatly and away from moving parts!

Make following connections:

- 1) gun elevation servo
- 2) search radar servo
- 3) search radar stop sensor
- 4) search radar rotation motor
- 5) gun flash LEDs

! notice orientation of white marks

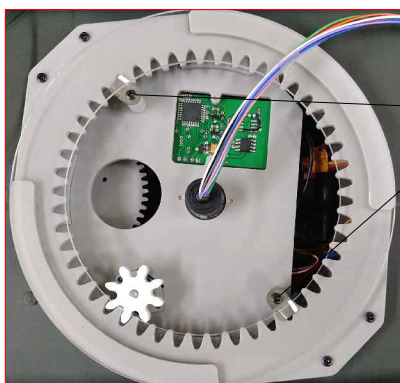
# 13 Attach turret



secure turret with M3x6 screws

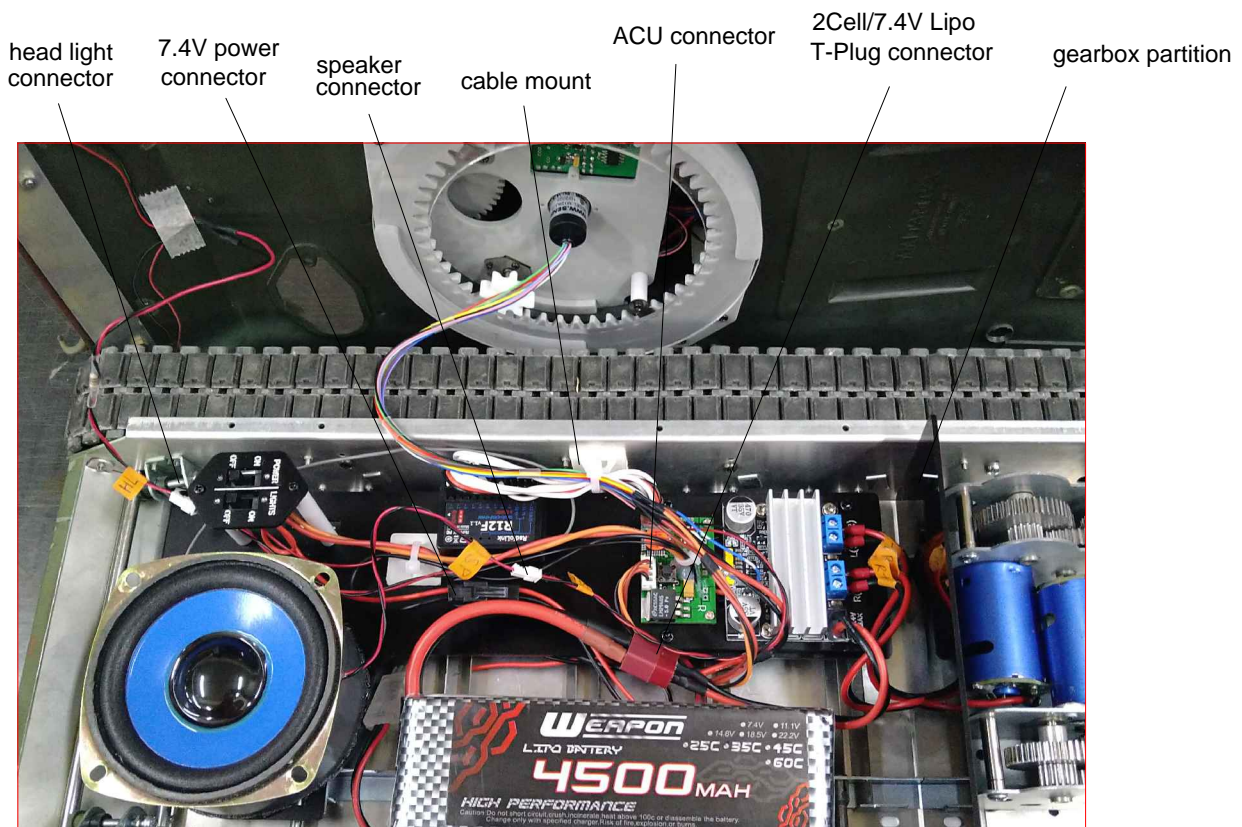


insert 1mm turret washer



- 1) attach turret to lower hull
- 2) rotate and secure locking plate

# 14 Lower hull connections



6 channels receiver is recommend

5 channels for MTC-2-BT:

CH1 - track turning

CH2 - throttle

CH3 - gun elevation/ gun firing

CH4 - turret rotation

CH5 - search radar up/down

Addition CH6 for track radar rotation servo

! Use T-Plug 2 Cell (7.4V) Lipo

Lipo battery can be dangerous if not use properly!

Follow all safety precautions and always use a dedicated Lipo charger.