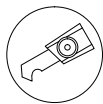


# RC Conversion Kit for Tamiya 1/35 Flakpanzer Gepard with MTC-2 and ACU

## User Manual

### Attention!

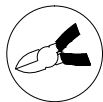
- 1) This kit is designed for experienced model makers. It may be difficult for beginners. Please read this manual thoroughly to see if you have the required skills and tools.
- 2) Cutting tools are used frequently in this kit. Extra care should be taken to avoid injury. Wear hand gloves and eye protection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



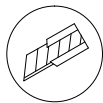
apply cement



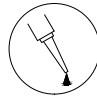
side cutter



do not apply cement



modelling knife



apply instant glue



carving knife



wait overnight



all purpose glue

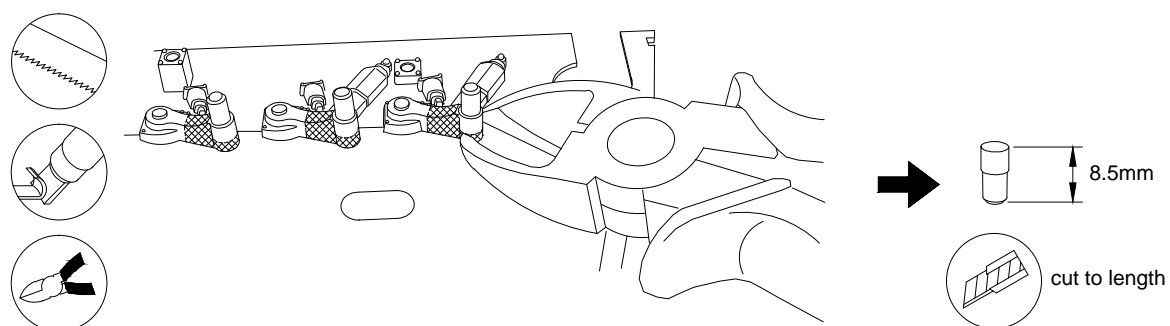
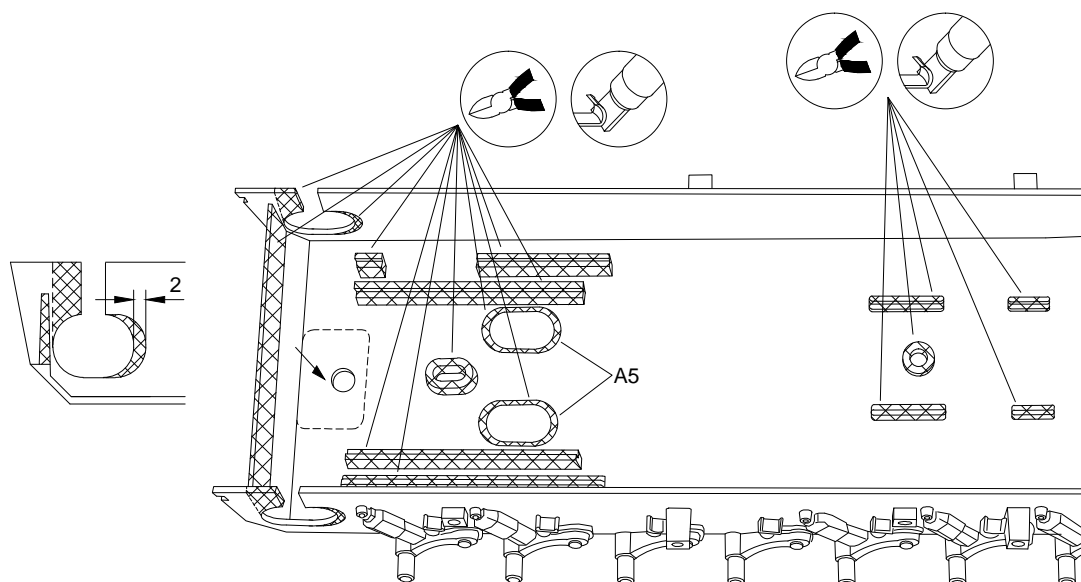


solder

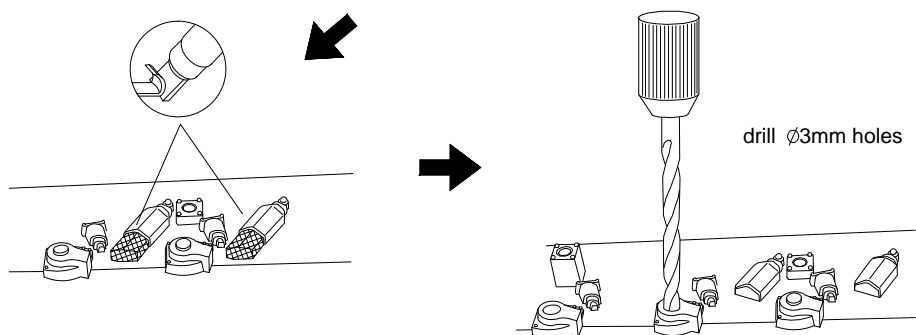


Attention!

# 1 Lower hull

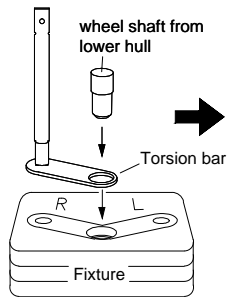


**!** Remove wheel shaft carefully.  
Collect 14 wheel shafts for later use.

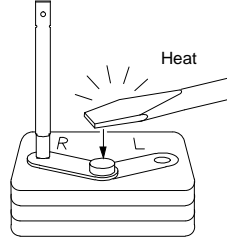


## 2 Suspension arms

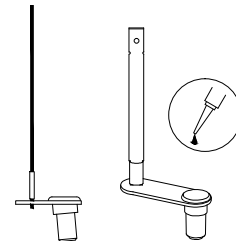
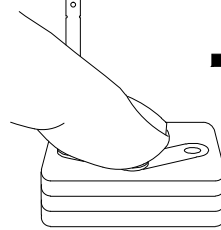
! The suspension arms will tilt under loading. The shaft is tilt in purpose for compensation.



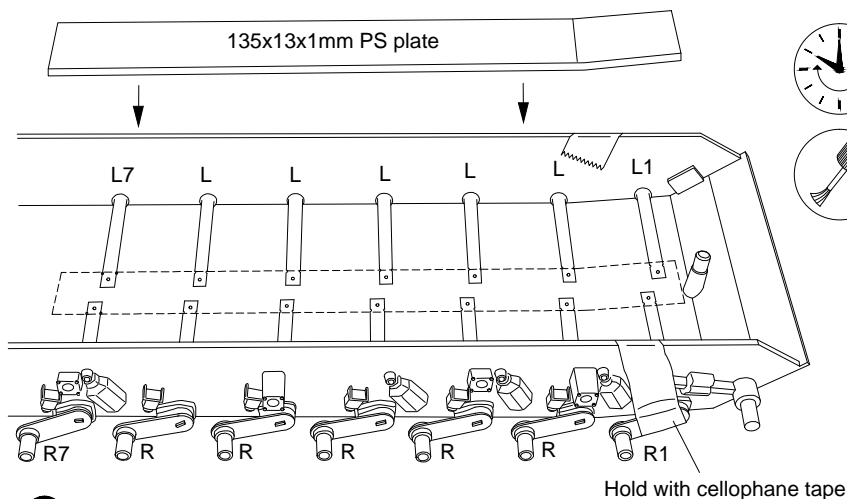
Place torsion bar on top of fixture. Note different position for left and right arms. Insert wheel shaft.



Apply heat using a hot screw driver or soldering iron. Press to shape.

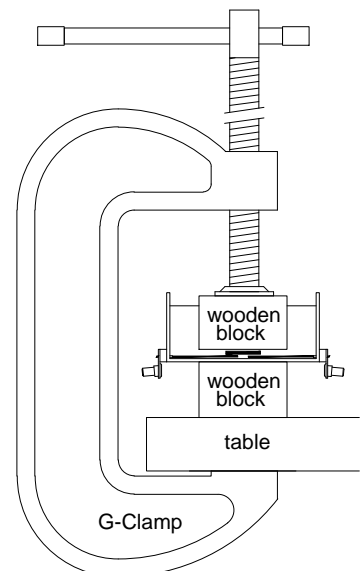


Apply instant glue to secure.



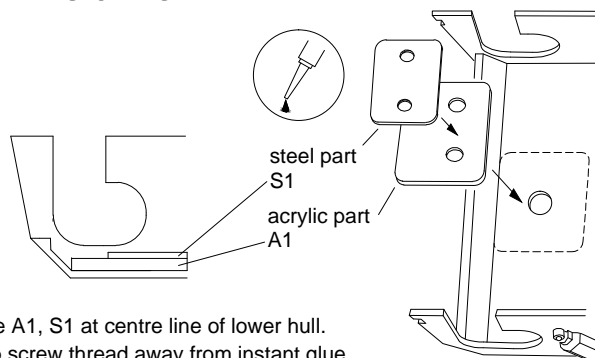
- ! 1) Hold all suspension arms with cellophane tape.
- 2) Cut 1mm PS plate. Apply lots of cement to PS plate and lower hull.
- 3) Use G-clamp or add weights to press PS plate firmly to lower hull.
- 4) Wait till cement has cured completely.

Attention - Do not use instant glue! It will spread along torsion bars and stick suspension arms.

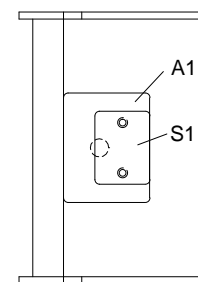


use G-clamp or apply weights

## 3 Motor mount



! Place A1, S1 at centre line of lower hull. Keep screw thread away from instant glue.

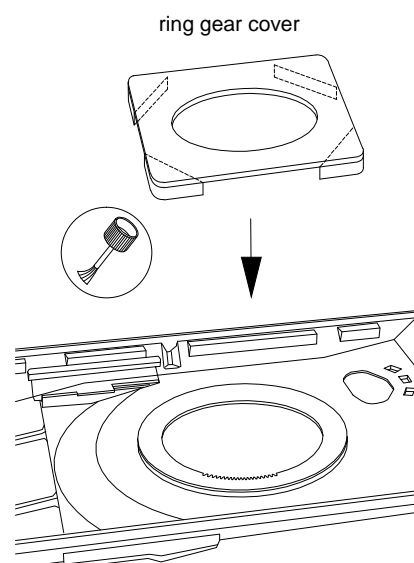
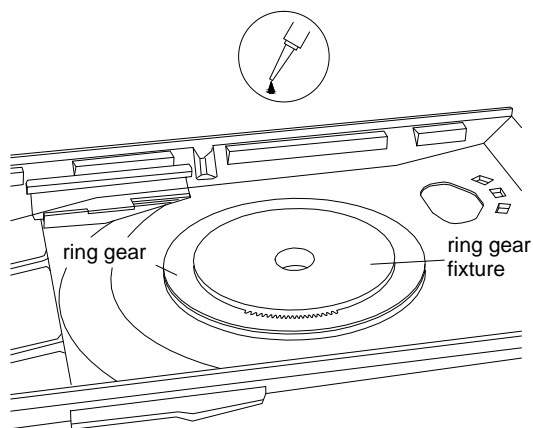
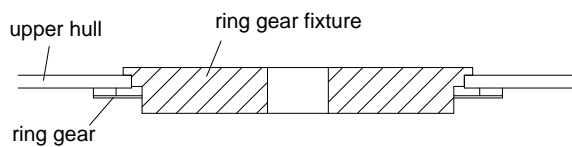
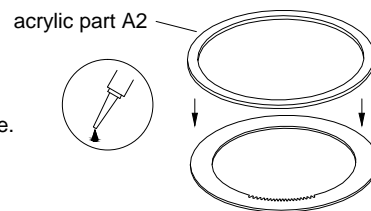


## 4 Turret ring gear

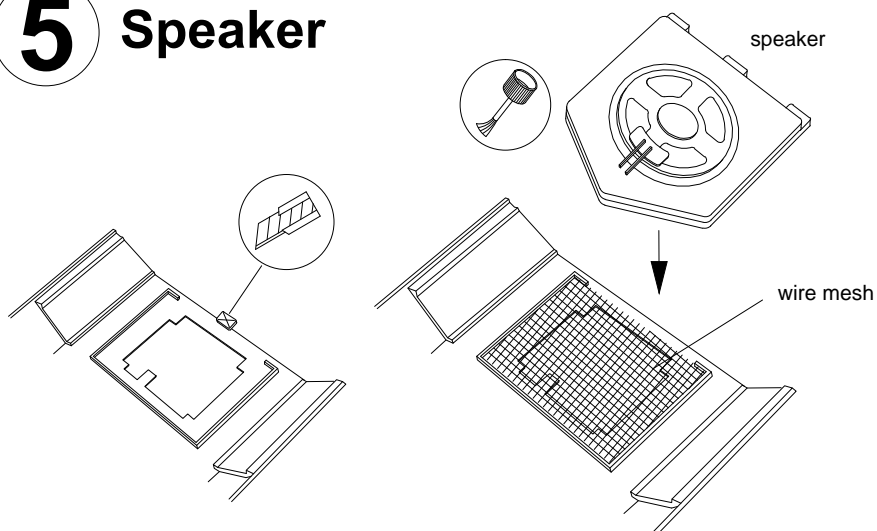
⚠ Keep gear teeth away from instant glue.

To have a smooth turret rotation, turret ring gear must be positioned with high accuracy:

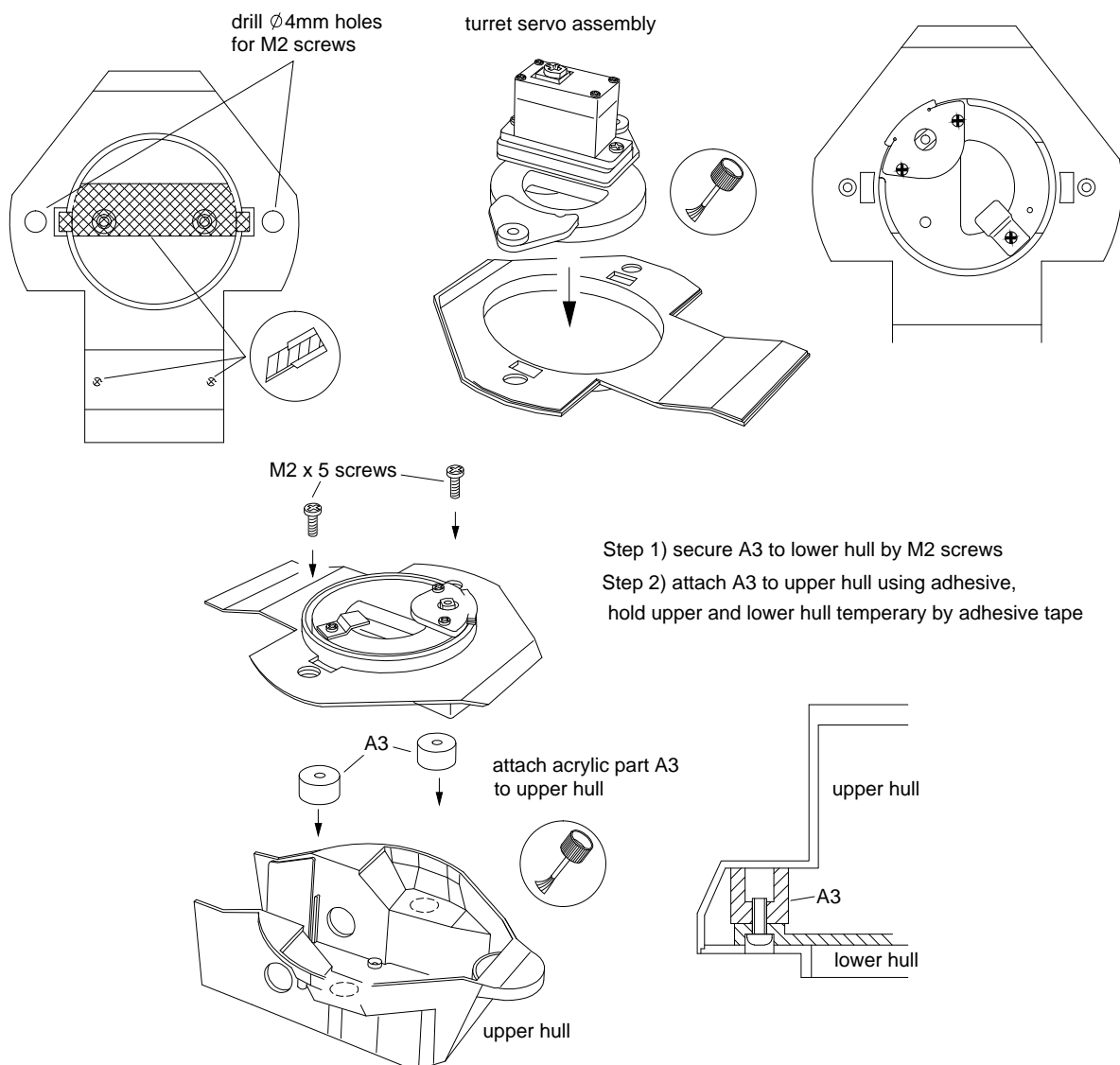
- 1) Insert the ring gear fixture to upper hull.
- 2) Position the ring gear in position as shown.
- 3) Apply instant glue. Take care not to stick the fixture!



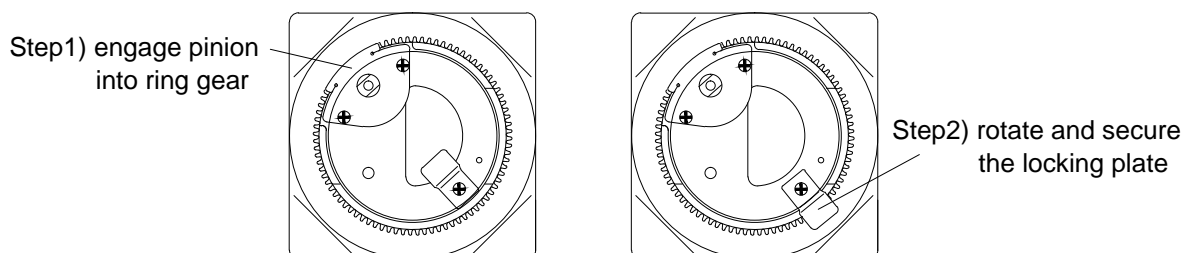
## 5 Speaker



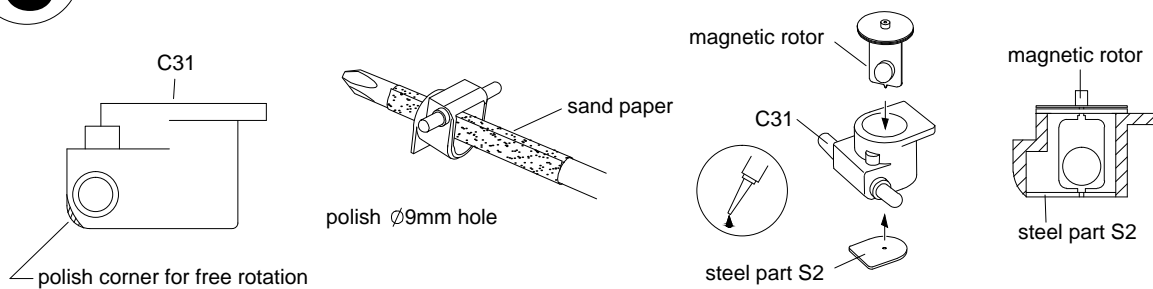
## 6 Turret servo assembly



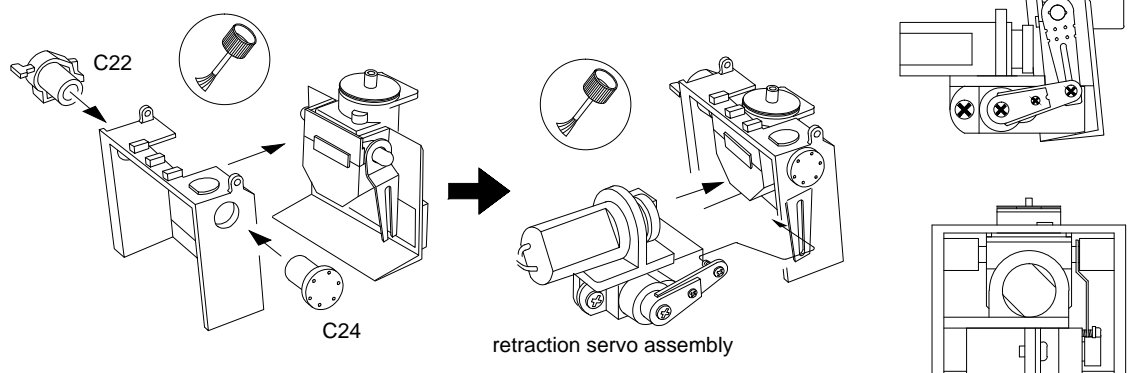
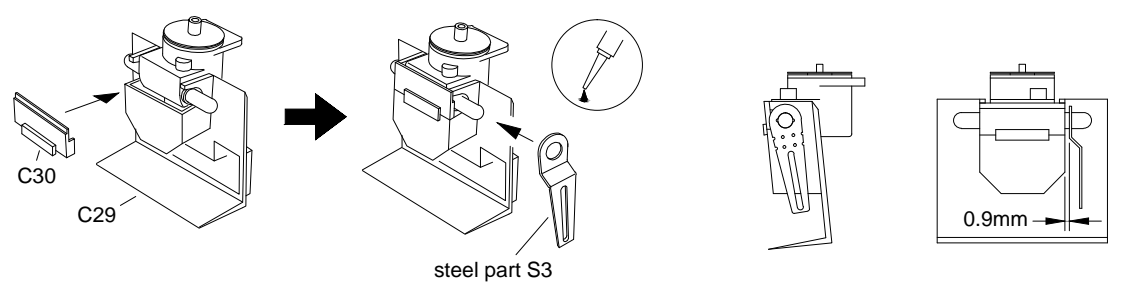
## 7 Attach turret



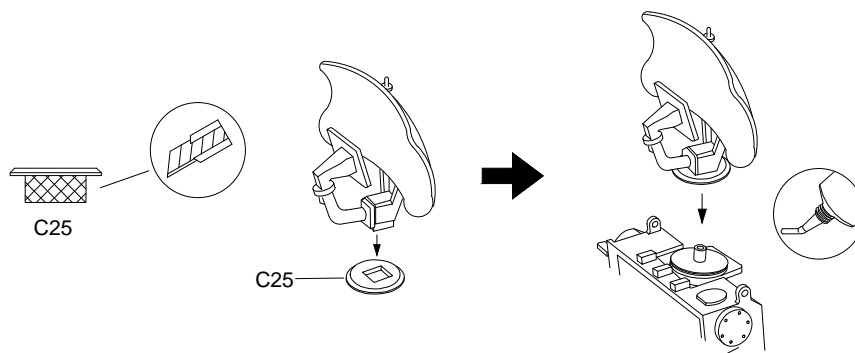
# 8 Search radar



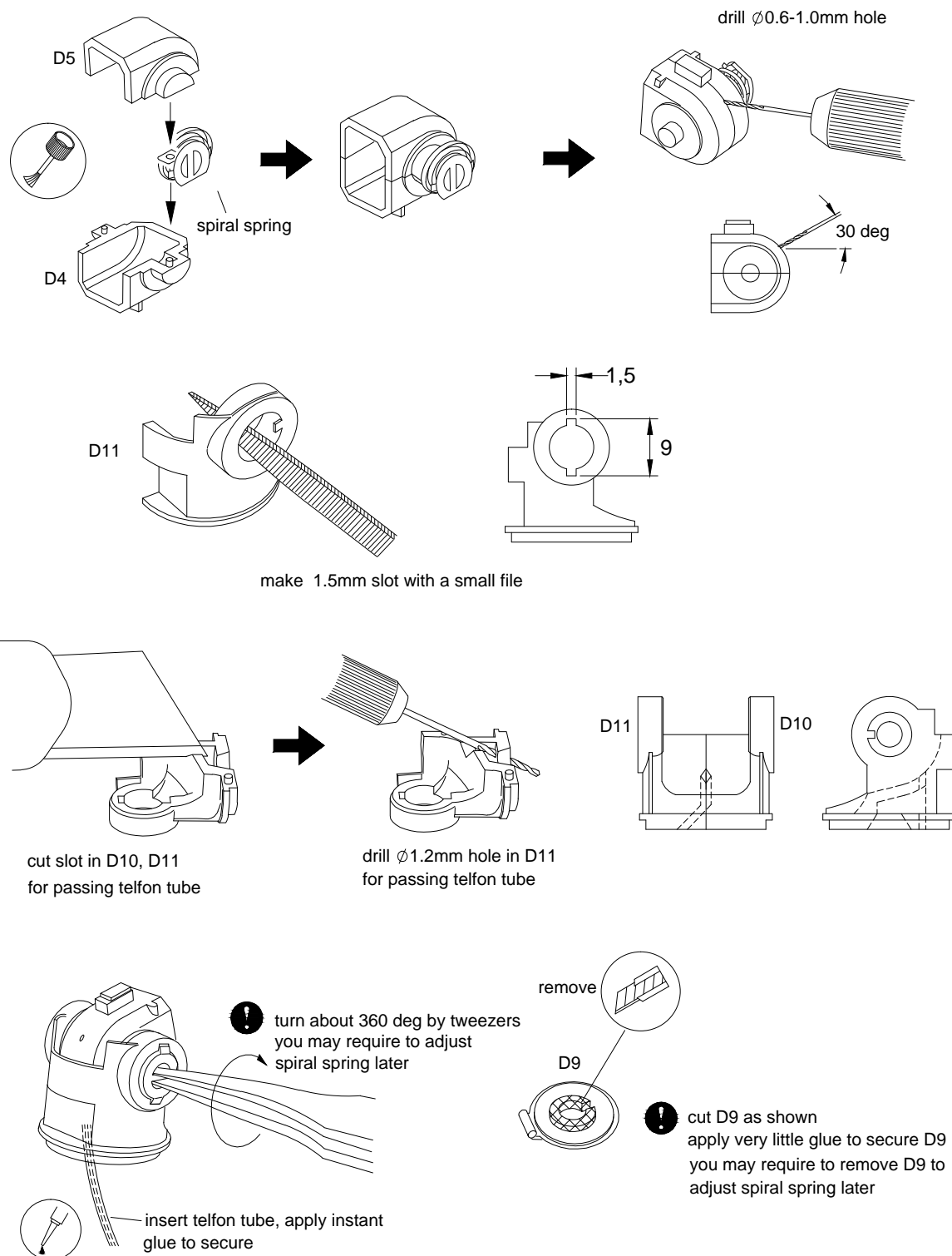
⚠ Apply instant glue carefully. Avoid sticking moving parts.



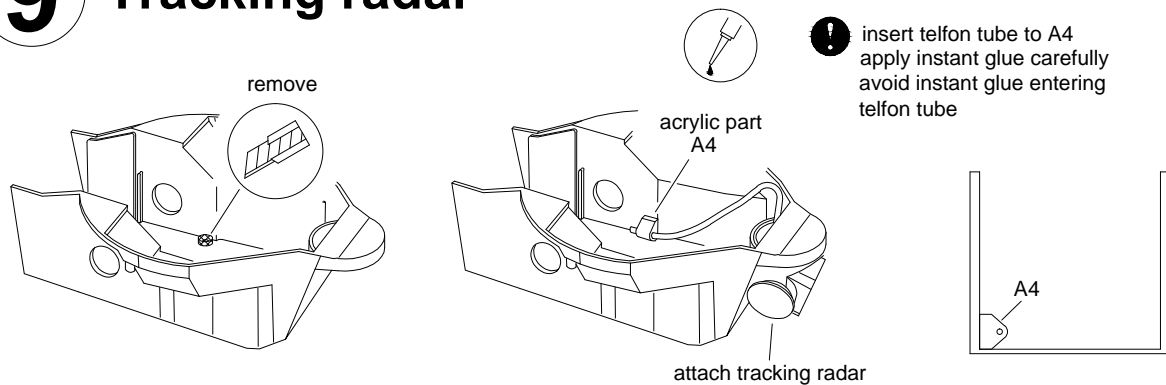
⚠ Apply glue carefully. Avoid sticking moving parts.



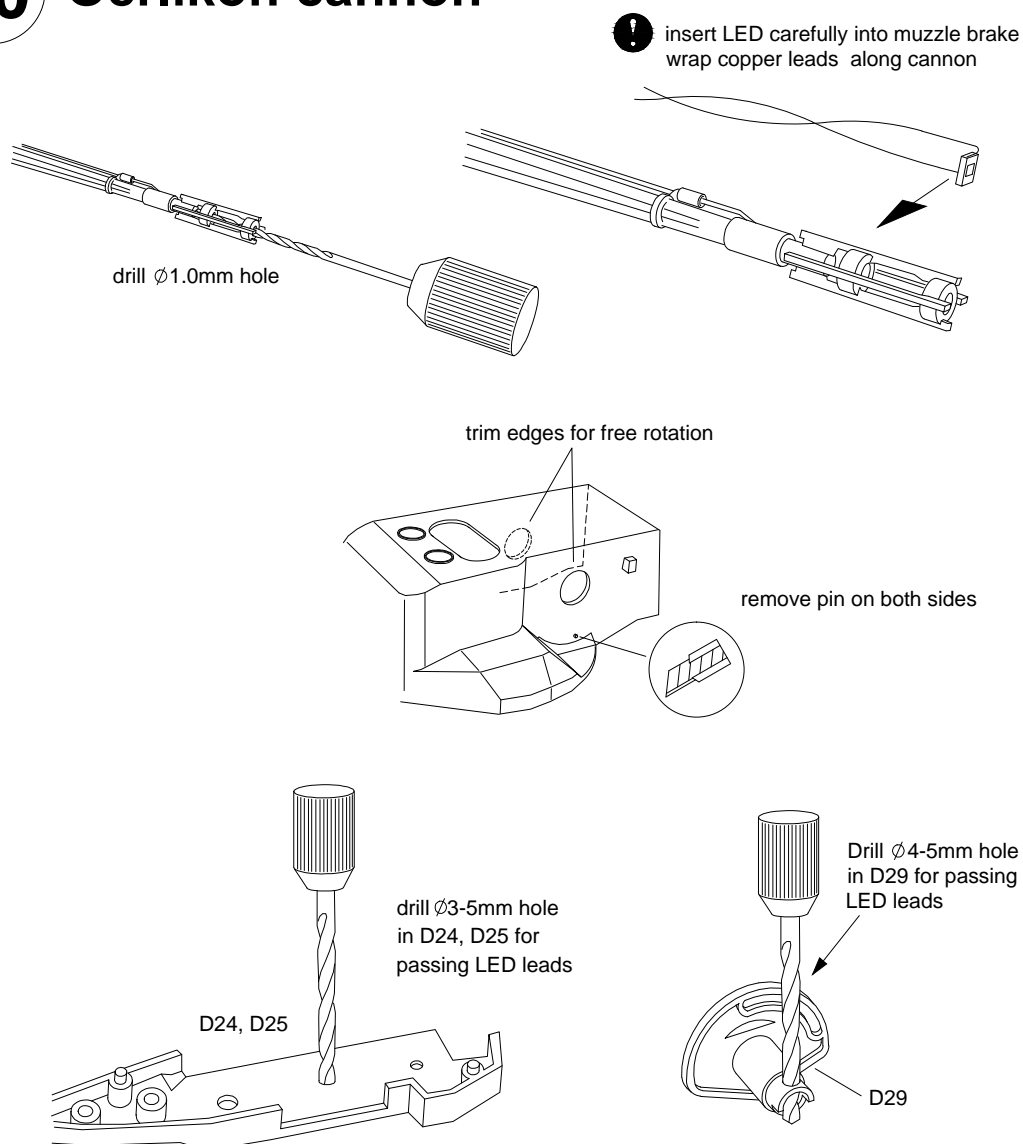
# 9 Tracking radar



## 9 Tracking radar

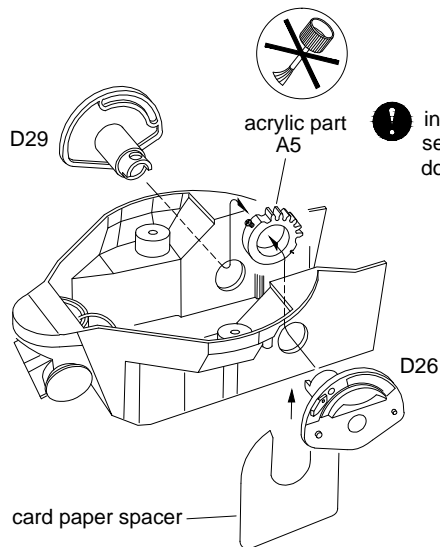


## 10 Oerlikon cannon

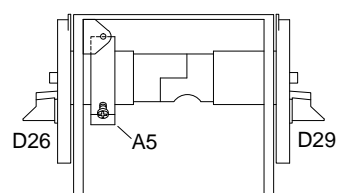
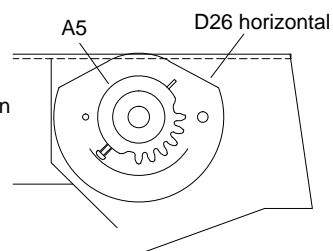




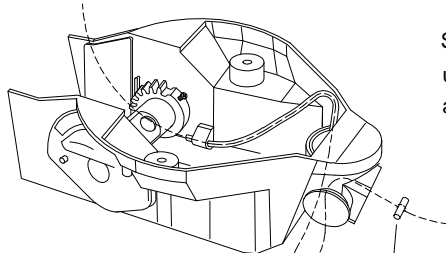
# 10 Oerlikon cannon



insert A5 to D26 in position  
secure A5 with set screw  
do not apply glue



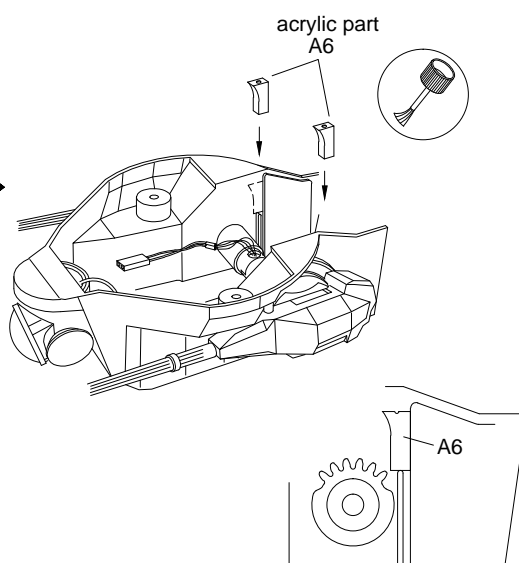
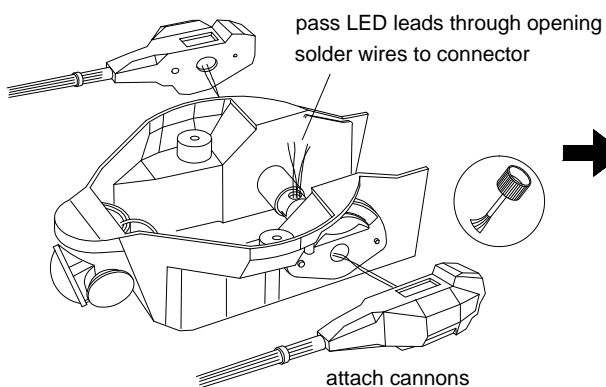
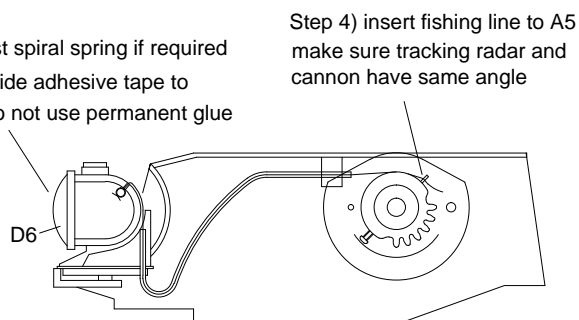
Step 1) insert fishing line to telfon tube



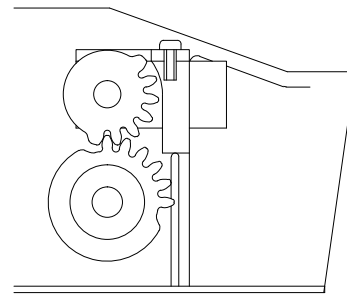
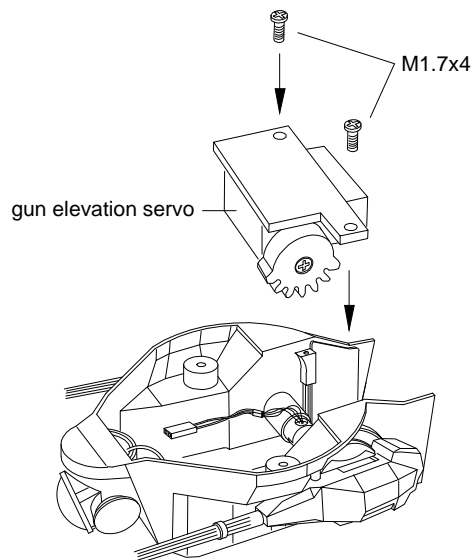
Step 2) pass fishing line  
through tracking radar

Step 3) tie fishing line  
to a small sprue

Step 5) adjust spiral spring if required  
use double side adhesive tape to  
attach D6, do not use permanent glue



## 10 Oerlikon cannon



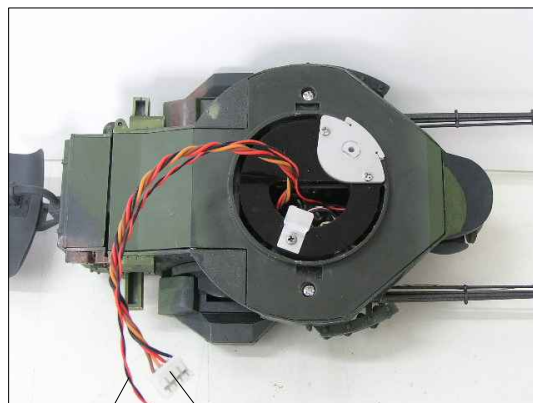
engage gear as shown

## 11 Turret connections



! tie up cables neatly and  
and away from moving parts

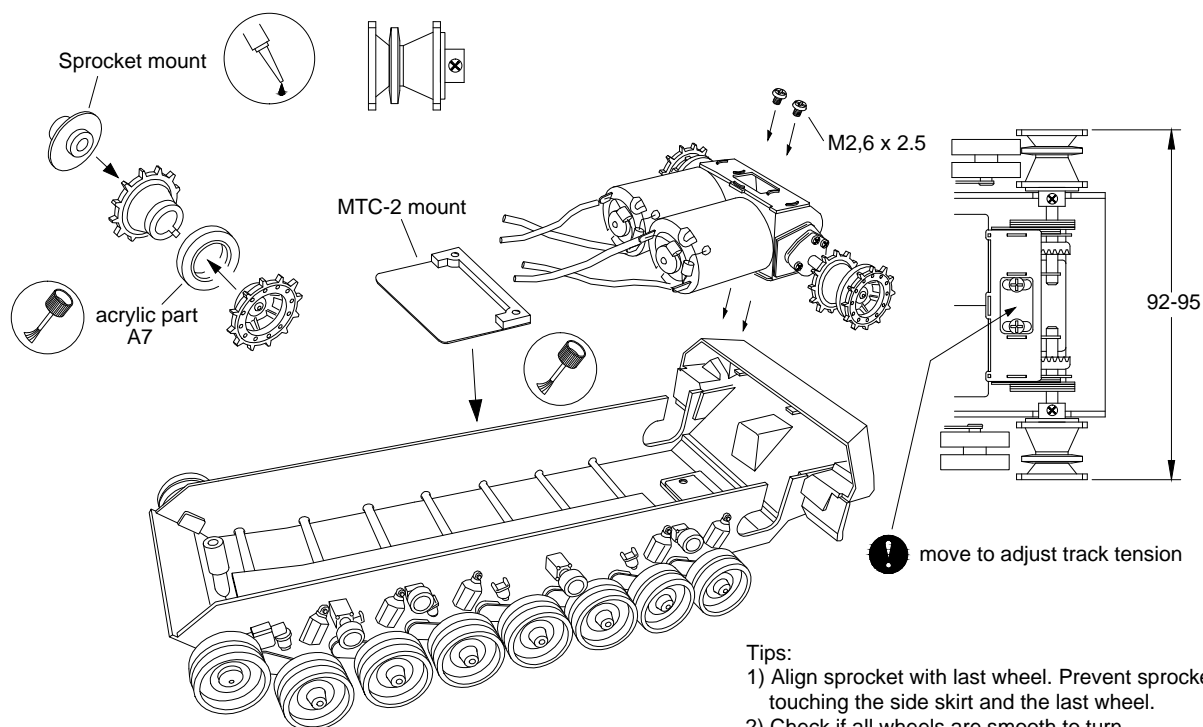
ACU



speaker connector

ACU connector

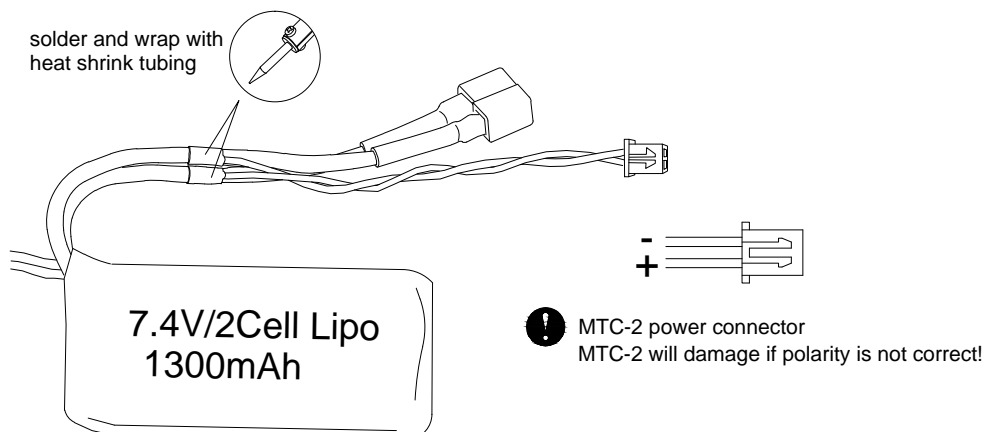
## 12 Motor and sprocket



## 13 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 (800-1500mAh)
- 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.



## 14 Lower hull connections

