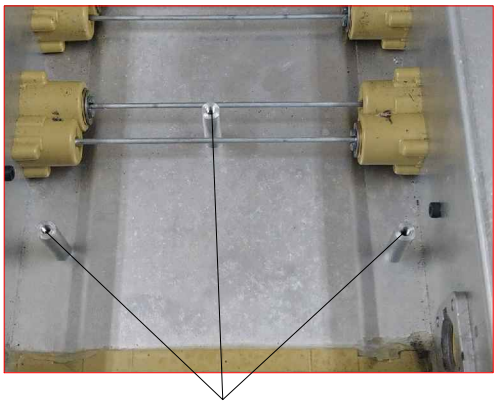
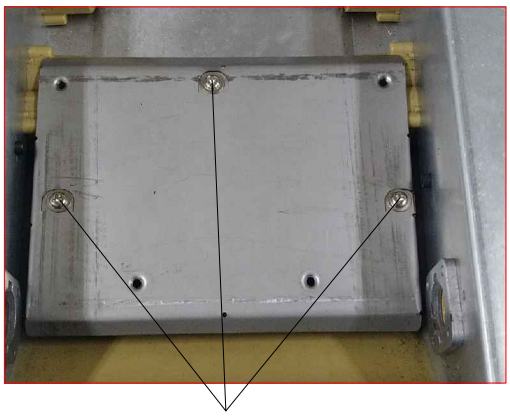
RC Conversion Kit for Tamiya 1/16 M1A2 Abrams （LED Gun Version) Installation Manual

1 Gearboxes (for display version)

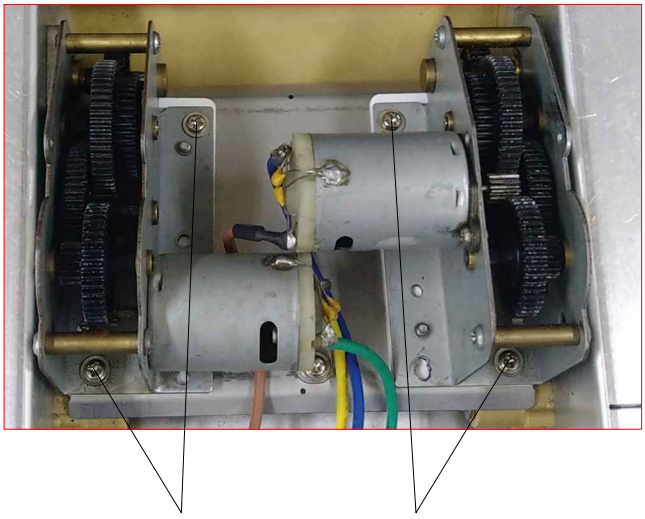
use a step drill to enlarge shaft hole to ∅11mm



install gearbox mounting poles with M3x6 screws



install gearbox mounting plate with M3x6 screws



install left and right gearbox with M3x6 screws

install sprockets according to TAMIYA manual

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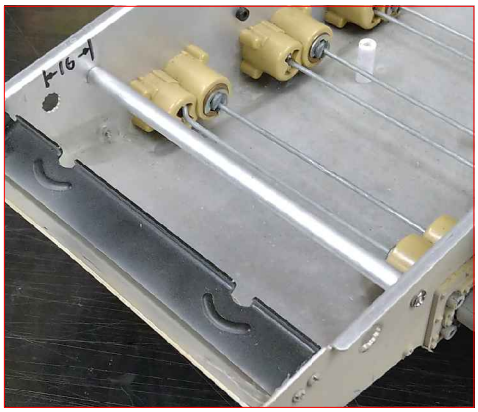
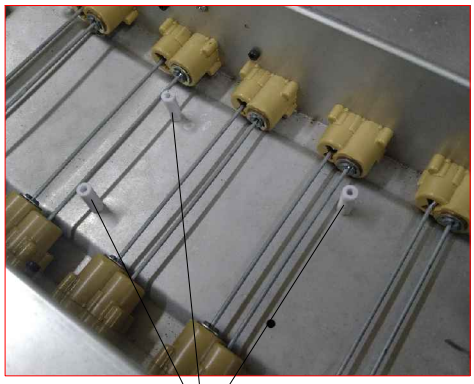
2 Idler wheels (for display version)



Install a support bar near the idler wheels
Drill ∅3.5mm holes and secure with M3x4 scews

3 Main control board

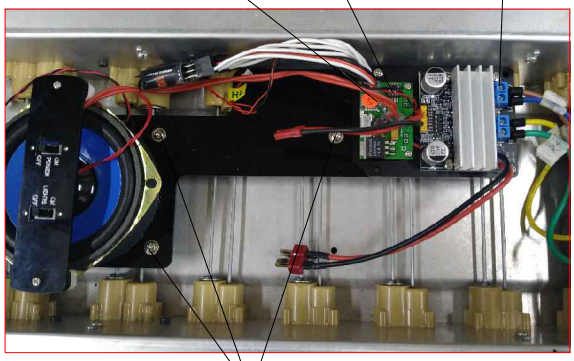
set SW2 to off position if you use TAMIYA double differential gearbox



Install mounting poles with M3x6 screws

MTC-2-BT

connect motor cables

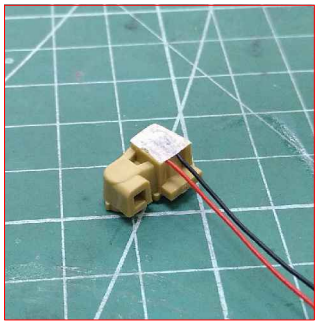


Install main control board with M3x6 screws

4 Head lights

drill ∅3mm hole on C21

use aluminum sticker to make mirror surface



insert LED, use adhesive tape to insulate electrodes

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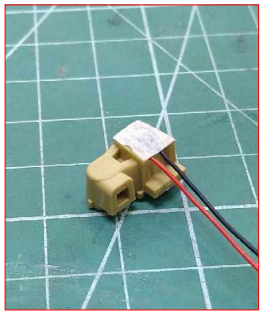
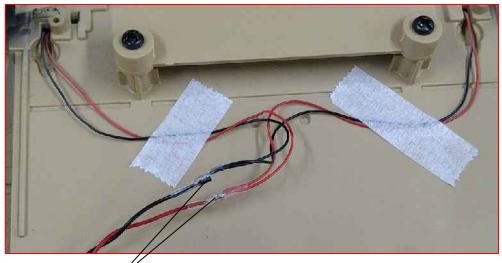
4 Head lights



attach aluminum sticker
on top to block lights

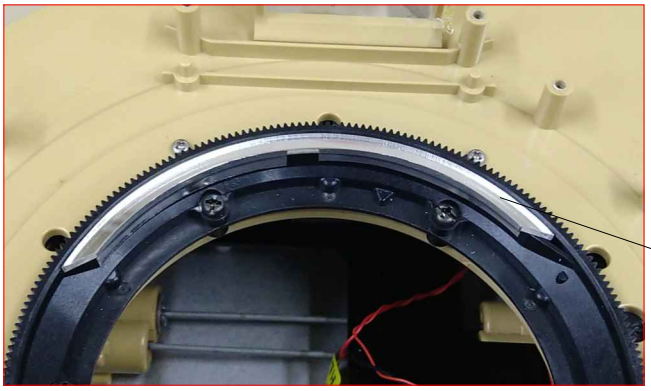
remove 1mm

attach head light



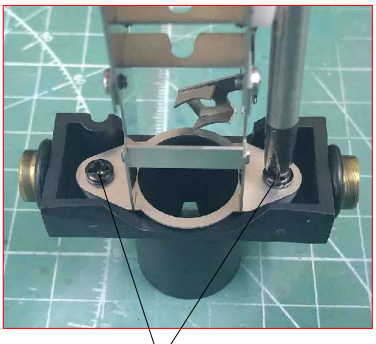
connect cables and wrap with
heat shrink tubings

5 Turret

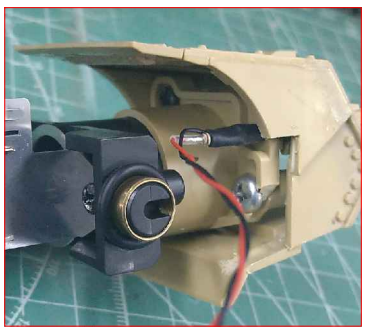


use aluminum sticker
to attach mirror plate

6 Main gun



attach main gun to R13
with PB3x10 screws



attach gun shield and
machine gun LED

attach main gun to turret
with PB3x10 screws

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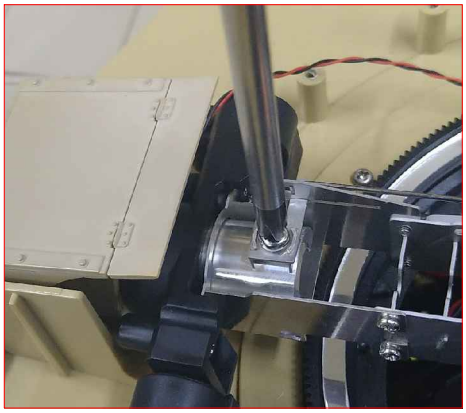
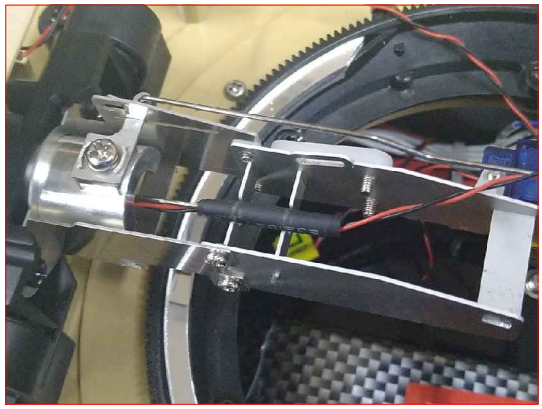
6 Main gun

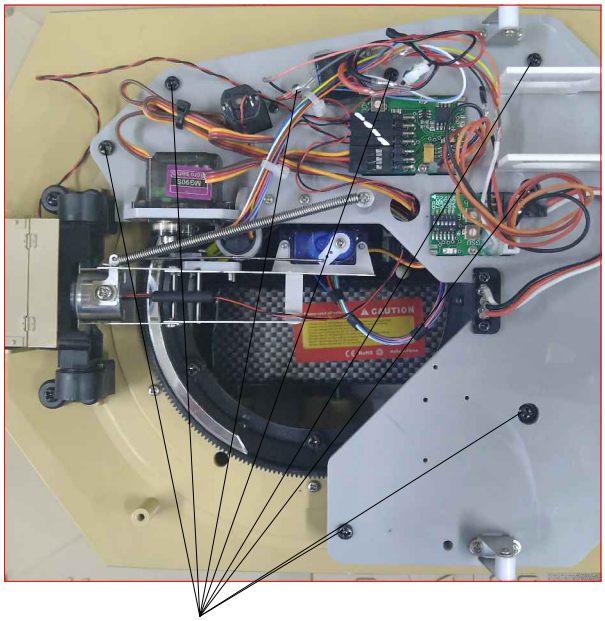


insert and secure gun barrel
with M3x5 screw

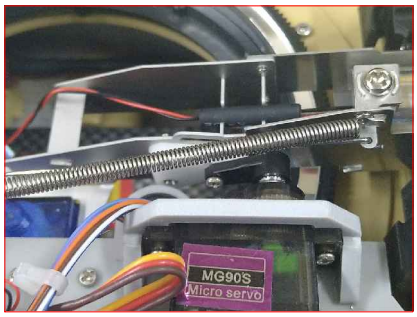


insert main gun LED

7 Turret control board

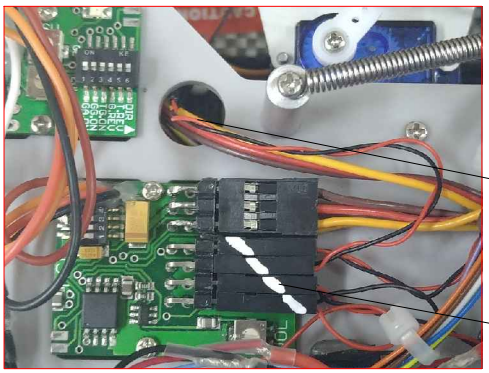


attach turret control board with PB3x10 screws



insert servo arm into slot
and attach balance spring

adjust turret motor position



pass REC and GF cables
through this opening

connect REC, MF and GF cables

after connecting cables, tie them neatly and away from moving parts!

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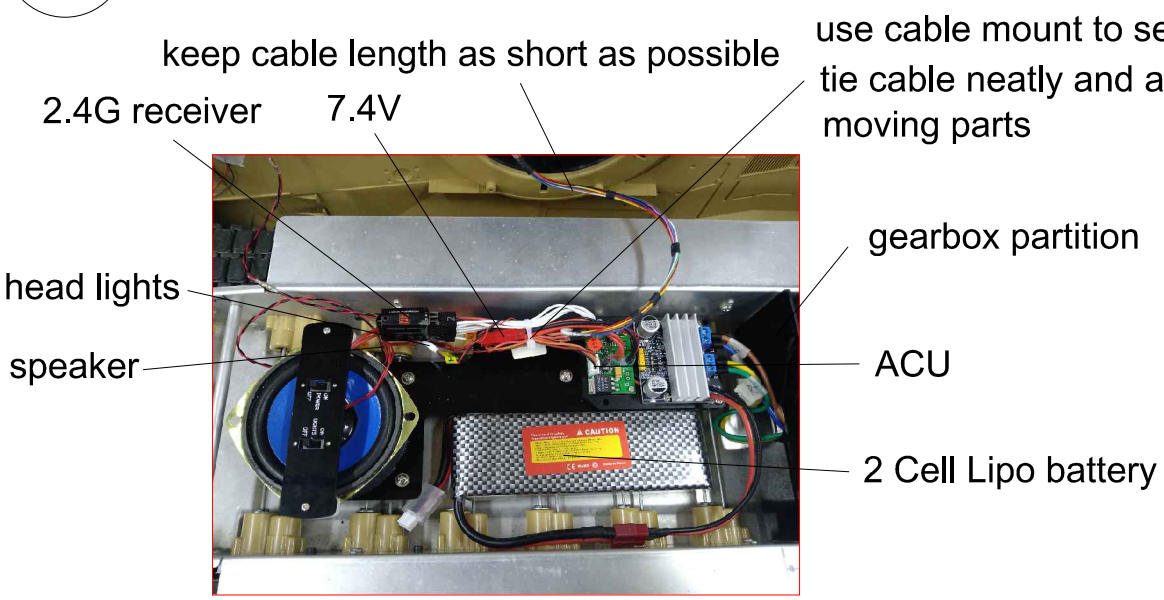
8 Lower hull connections