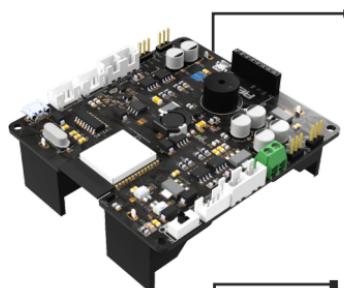


## Required Components to build RoverBot

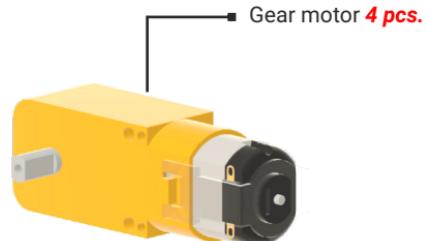


Rex 8in1 MainBoard

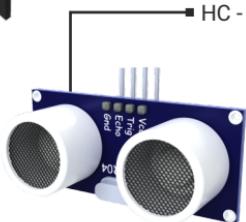


TCRT500 (Line Follower)

■ Converter Board



■ Gear motor **4 pcs.**



■ HC - SR04



■ M3 Nuts **16 pcs.**



■ M3 x 6mm screw **4 pcs.**



■ M3 x 8mm screw **16 pcs.**



■ M3 x 12mm screw **6 pcs.**



■ M3 x 30mm screw **8 pcs.**



■ Track pieces with pins **57pcs.**  
**(27 for each side )**



■ M3 x 25mm female spacer **8 pcs.**



■ M3 x 20mm female spacer **12 pcs.**



■ DC Gear Motor Hub **4pcs.**

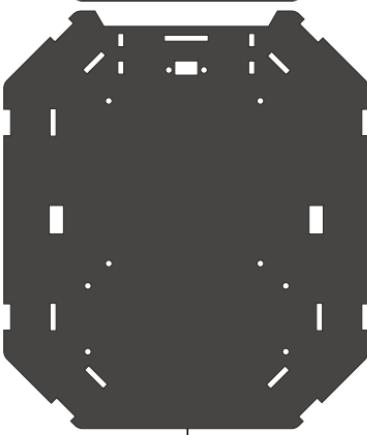
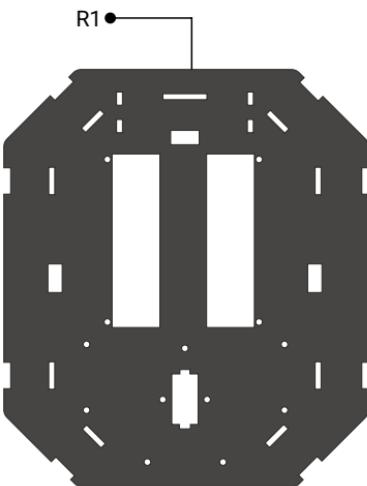
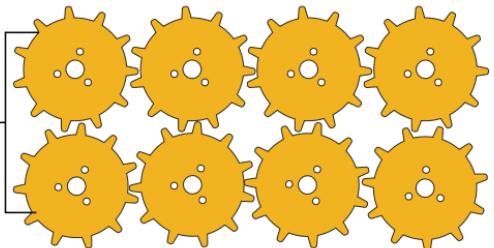
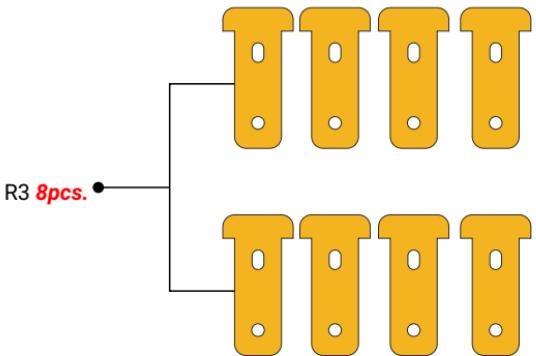
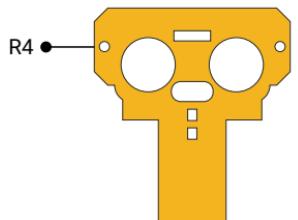


■ M3 x 6mm female - male spacer **4 pcs.**

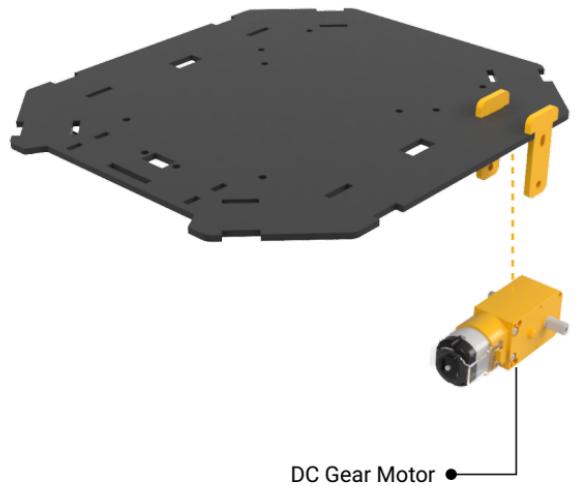
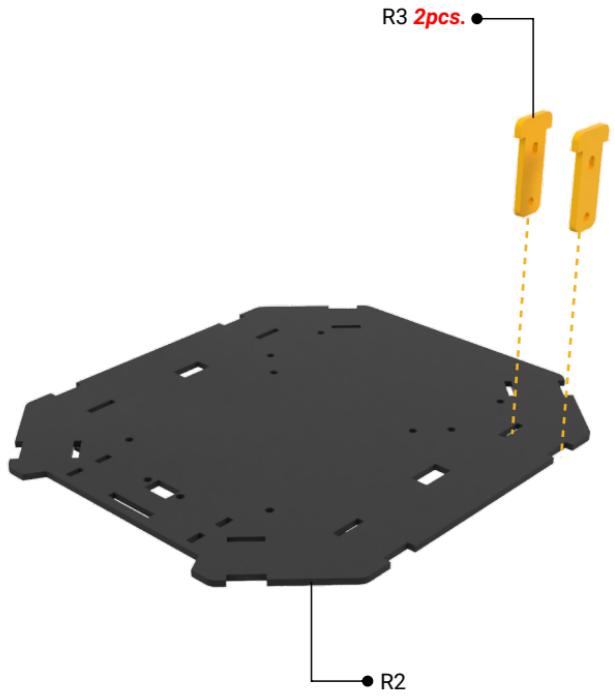


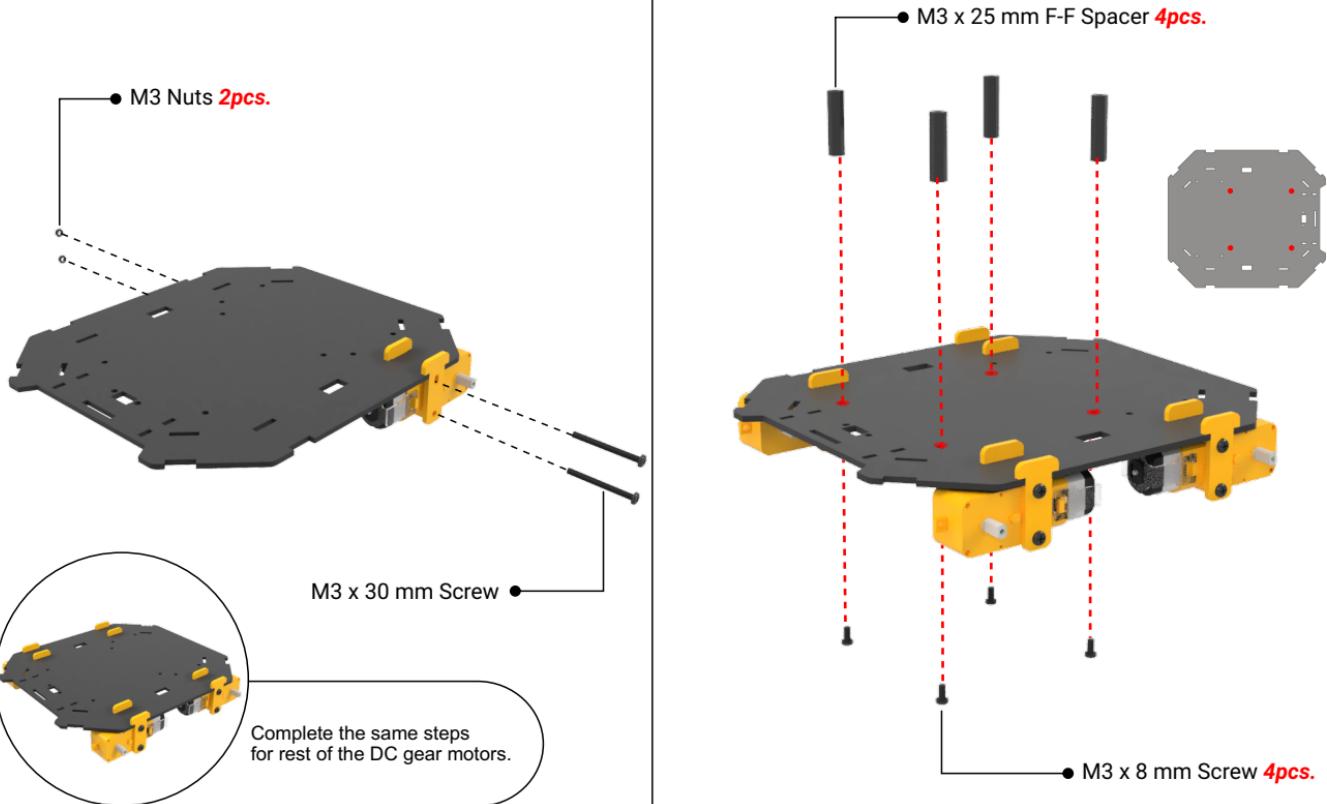
■ M2 x 8mm Wooden tip Screw **4pcs.**

## Required Parts

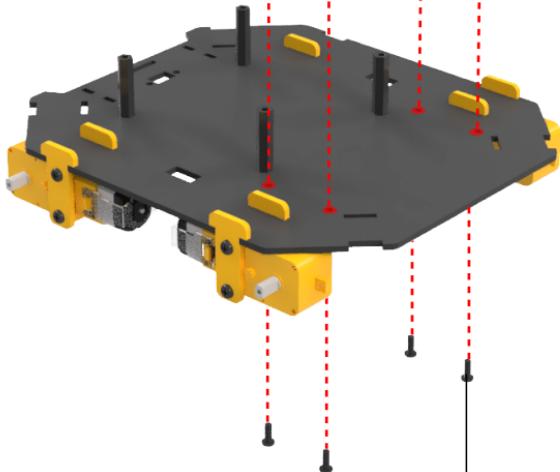
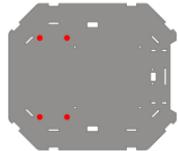


R2

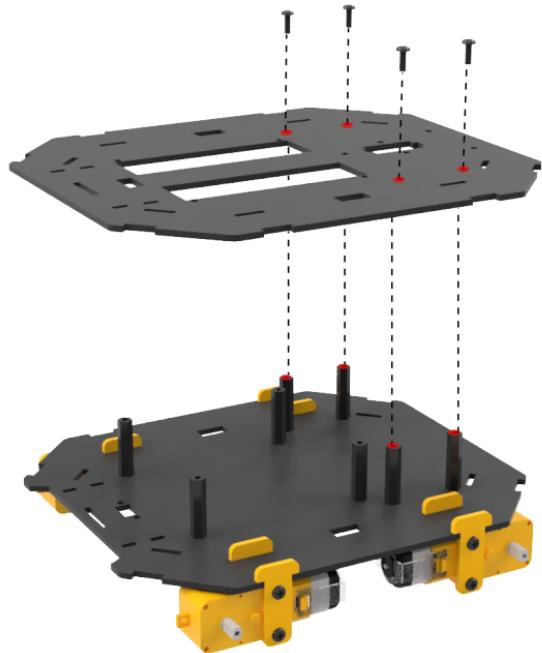


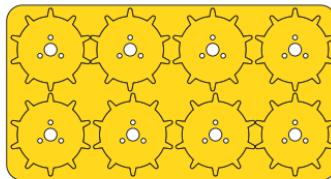
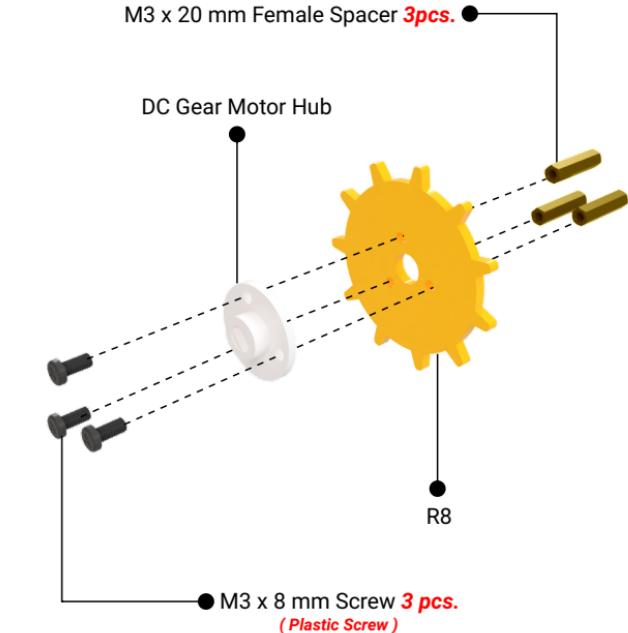
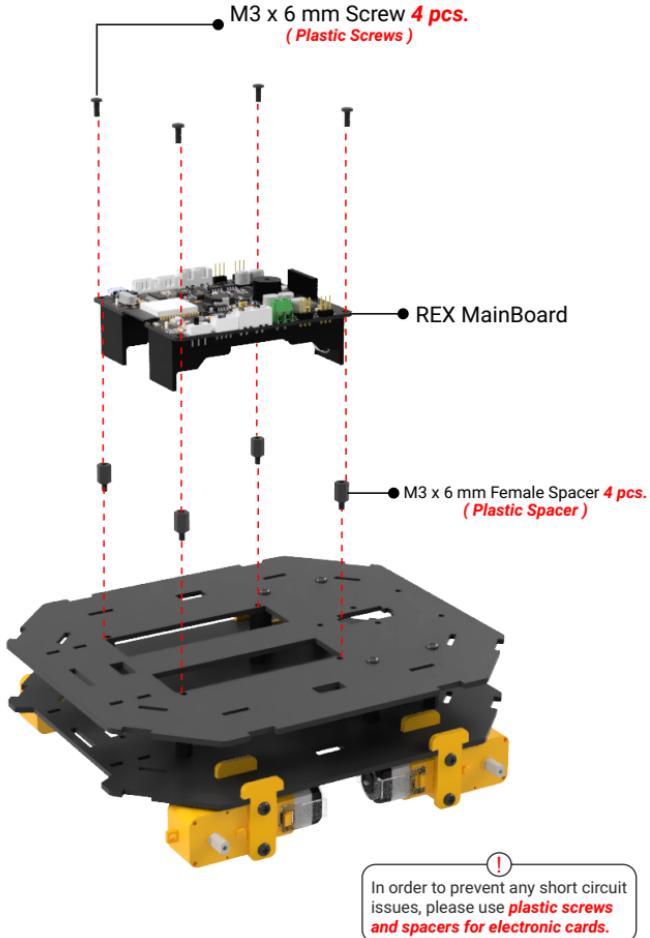


M3 x 25 mm F-F Spacer **4pcs.**



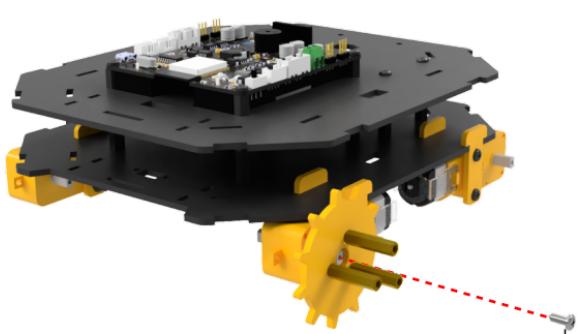
M3 x 8 mm Screw **4pcs.**



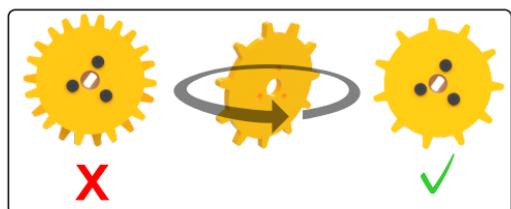
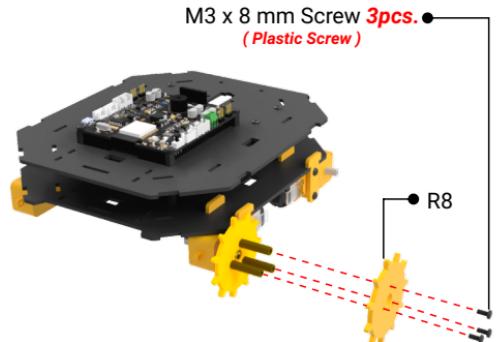


In order to prevent tracks being demounted please use R8 part from this plate.

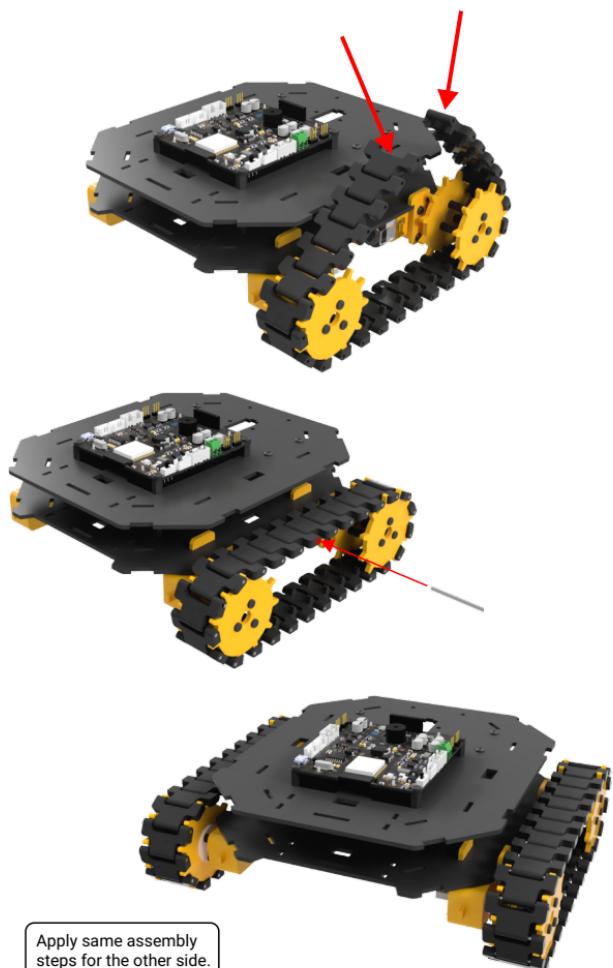
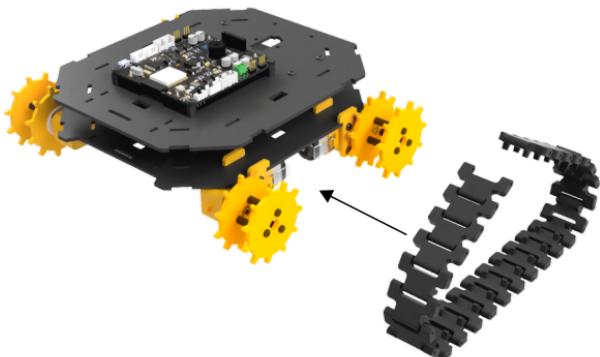
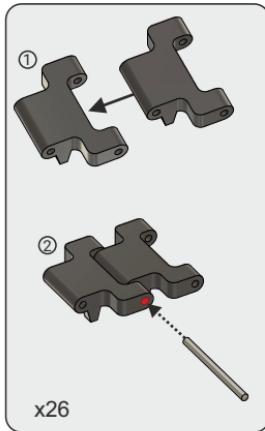
(If you don't have this plate inside the package that means you have updated version of kit and you can proceed.)



M2 x 8 mm Wooden Screw



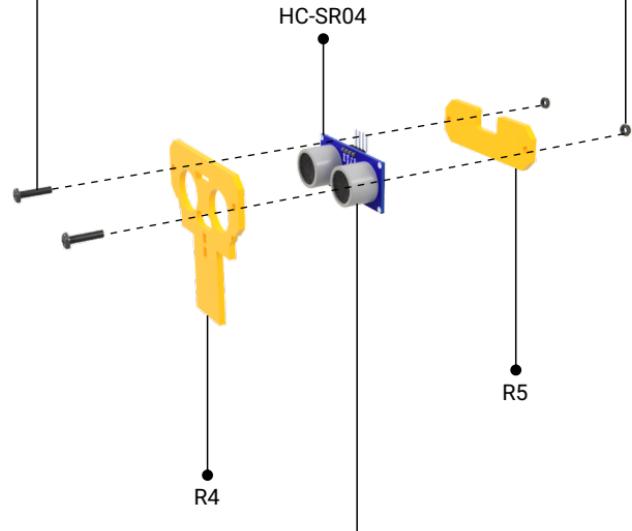
If you encounter any issues with misaligned gears or misaligned holes, we highly recommend flipping the piece as a solution. This straightforward action will effectively resolve the problem.



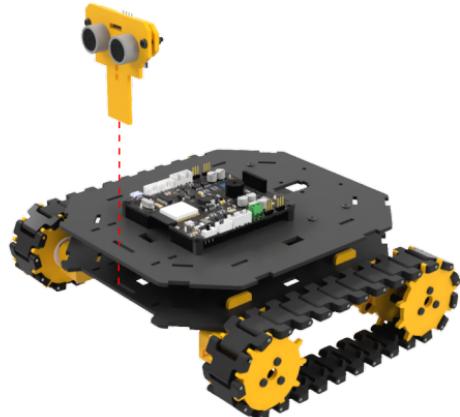
Apply same assembly  
steps for the other side.

M3 x 12 mm Screw **2pcs.**

M3 Nuts **2pcs.**



Make sure HC-SR04 pins are facing upward as in the image.



R6

