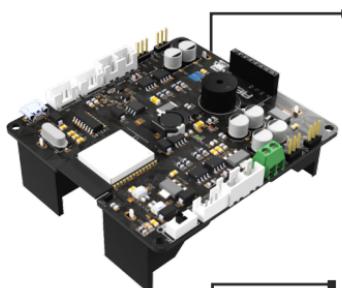




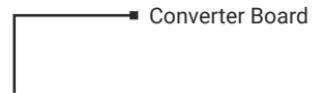
Required Components to build SumoBot



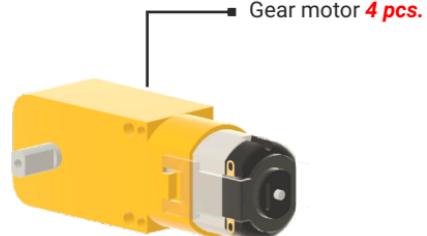
Rex 8in1 MainBoard



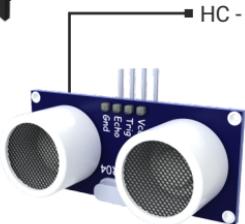
TCRT500 (Line Follower)



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.**



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



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



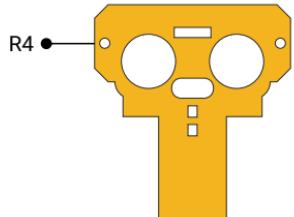
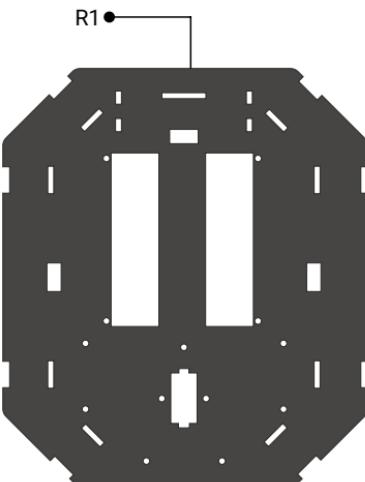
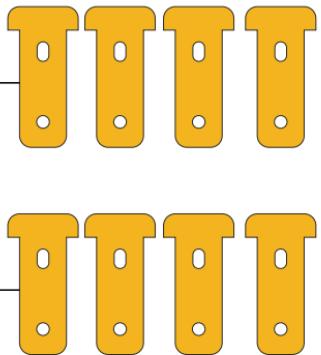
DC Gear Motor Hub **4pcs.**

Required Parts

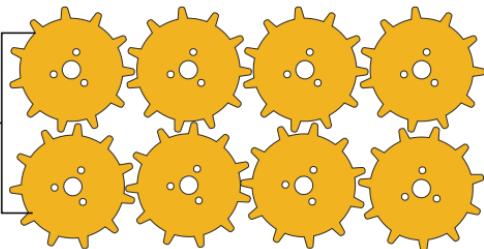


R10 **2pcs.**

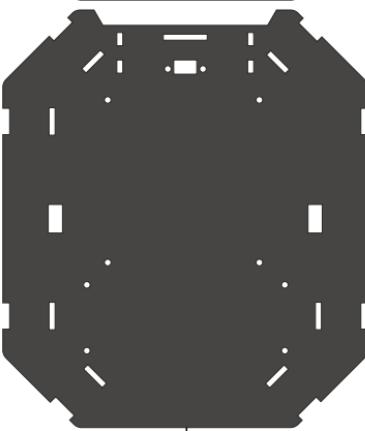
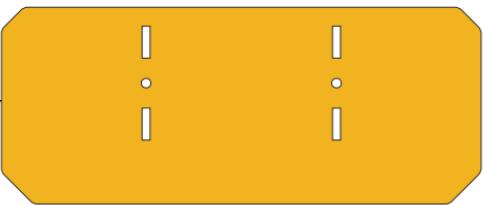
R3 **8pcs.**



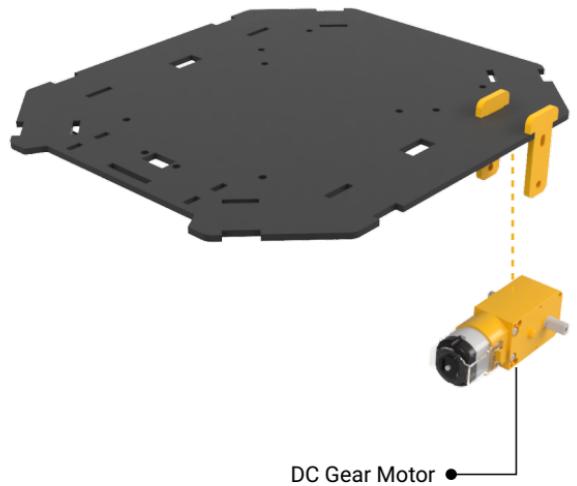
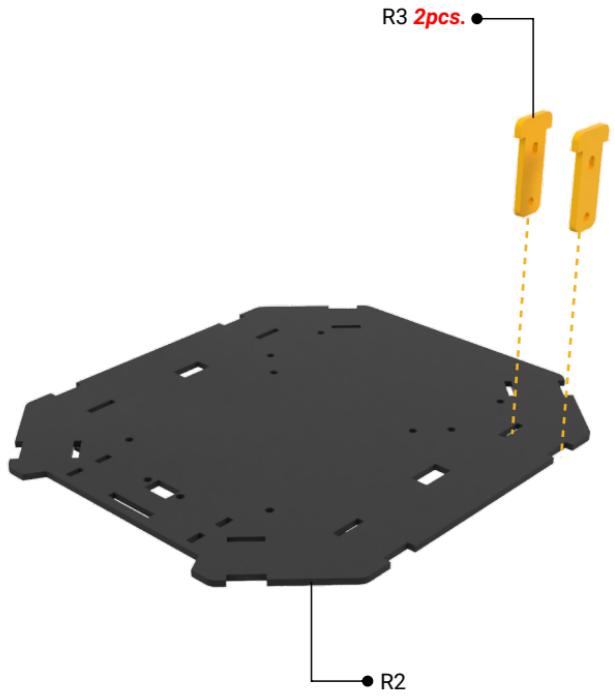
R8 **8pcs.**

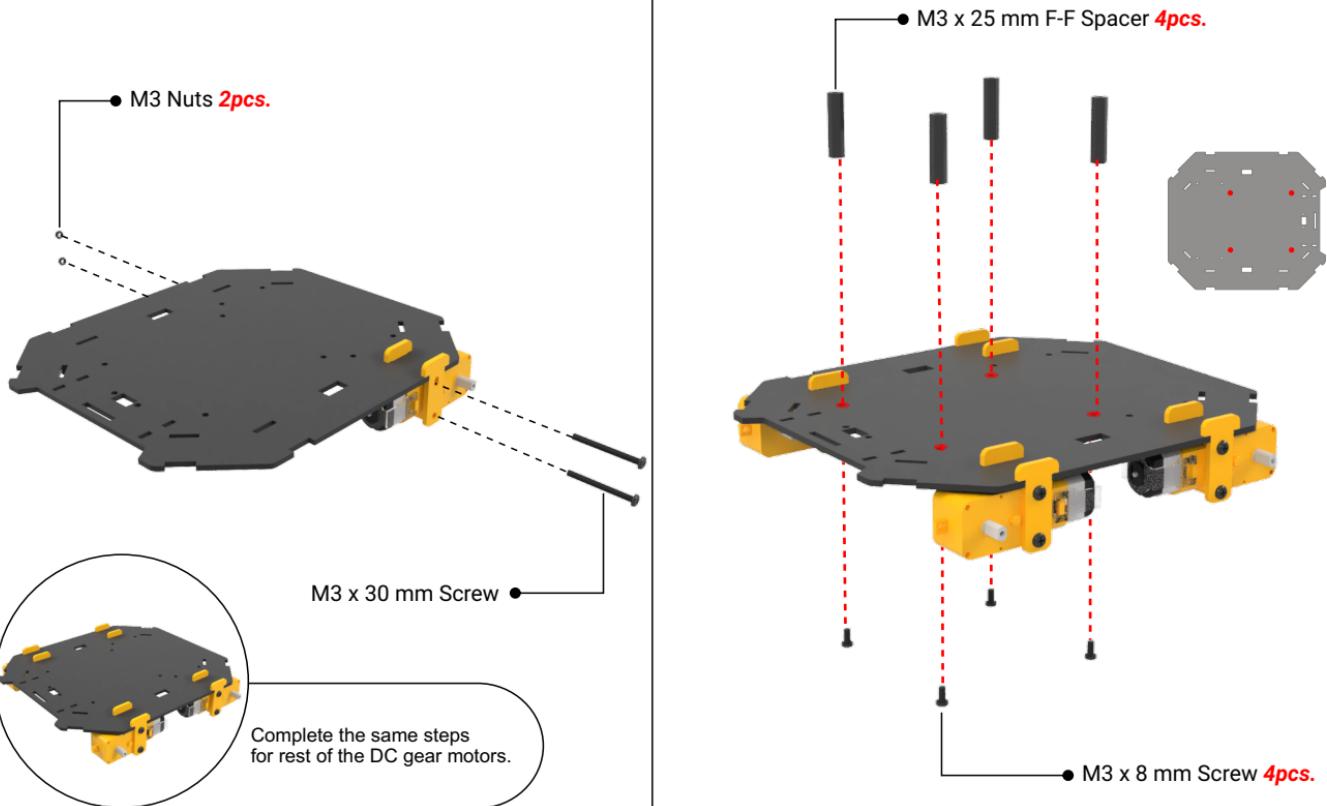


R9

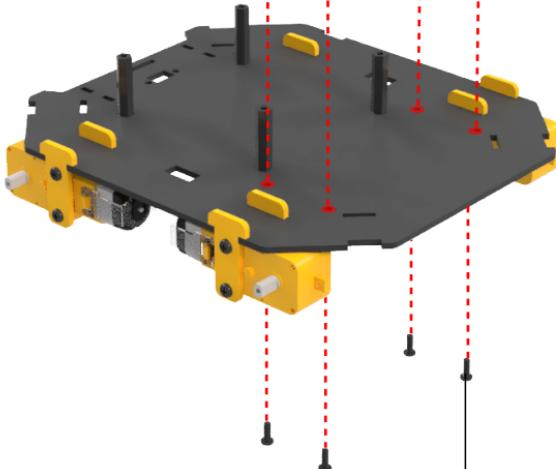
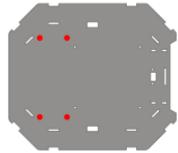


R2





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



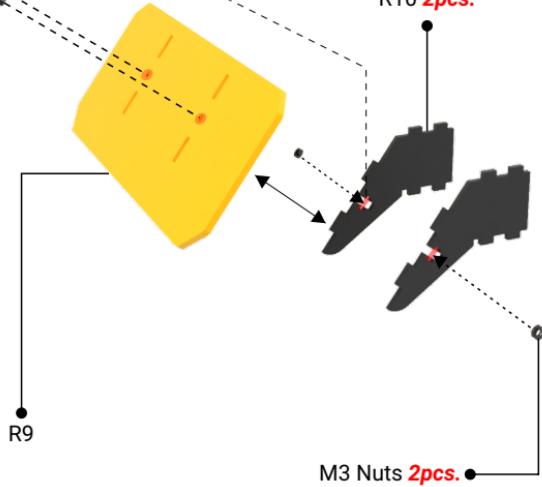
M3 x 8 mm Screw **4pcs.**

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

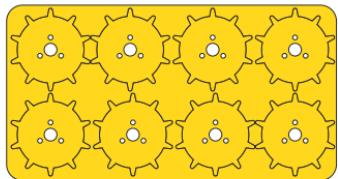
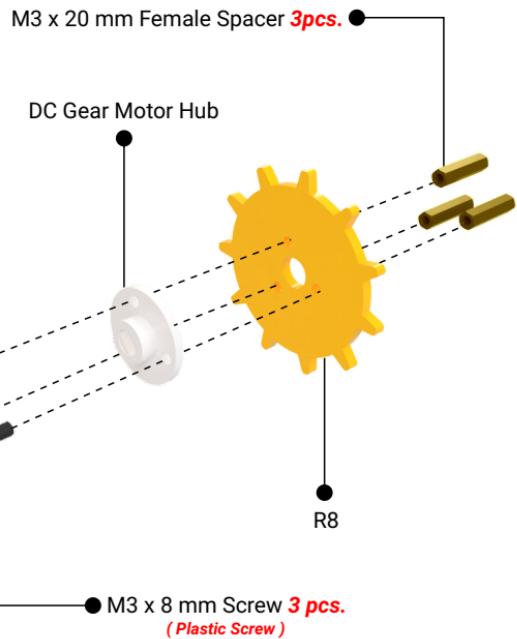
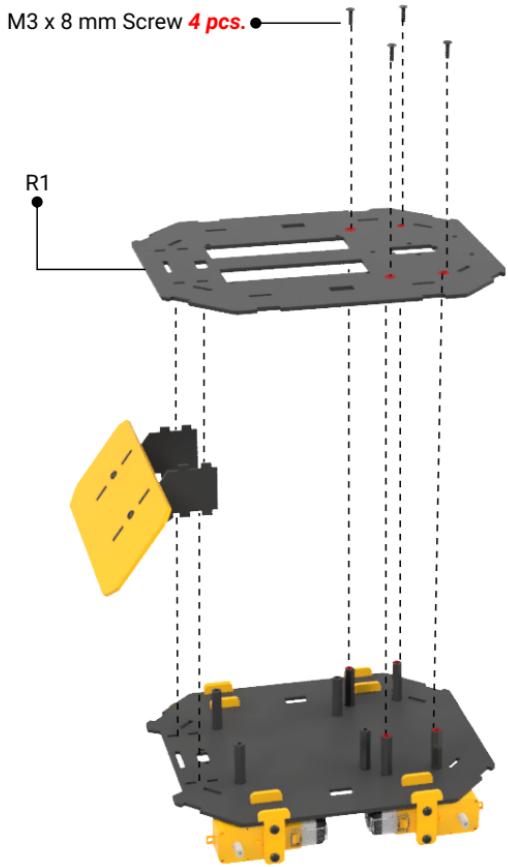


For T slot joint setup first, place the **M3 Nut** into the **Nest** then tighten the joint with using **M3 x 12mm screw**.

R10 **2pcs.**

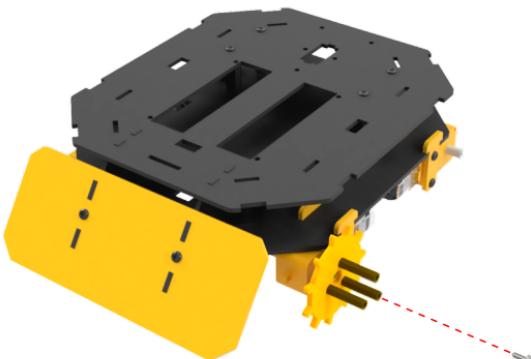
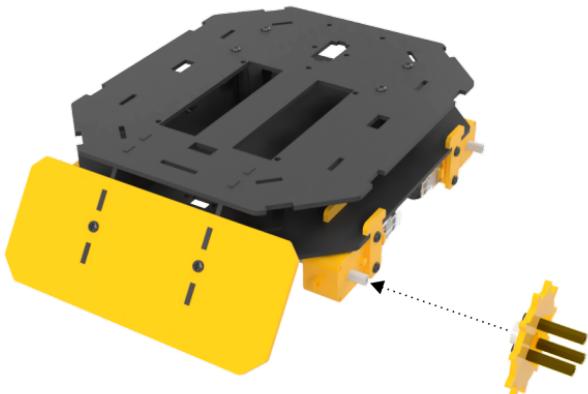


M3 Nuts **2pcs.**

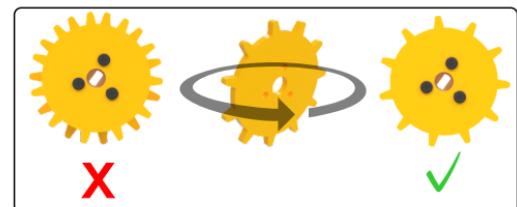
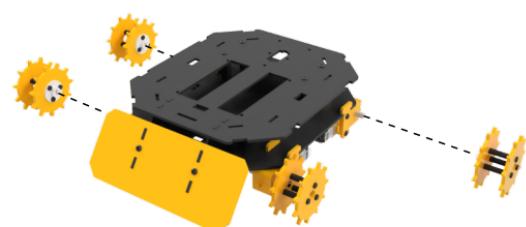
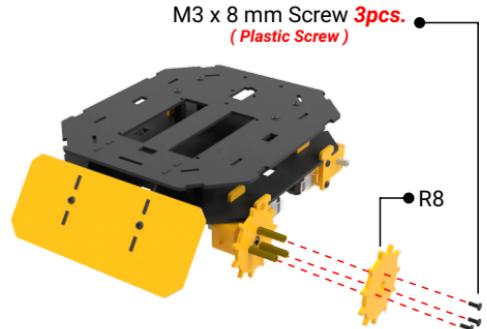


In order to prevent tracks being demounted please use R8 part from this plate.

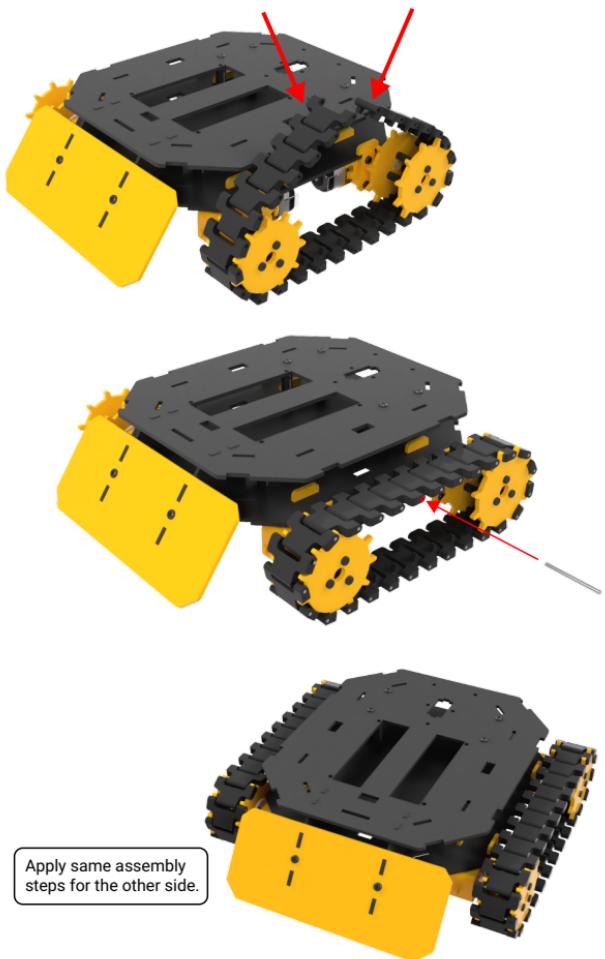
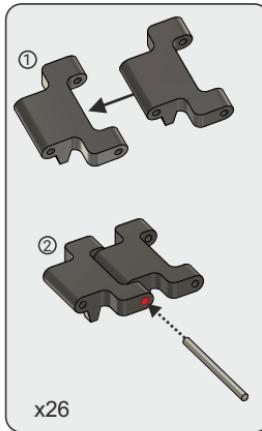
(If you don't have this plate inside the package that means you have updated version of kit and you can proceed.)

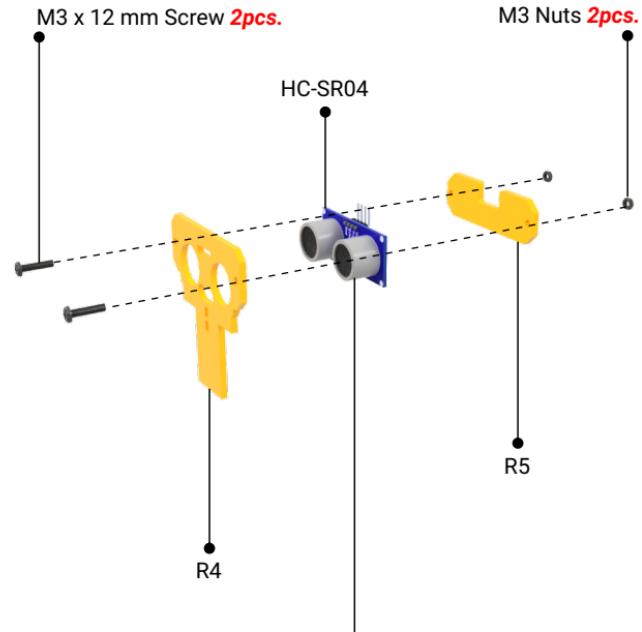
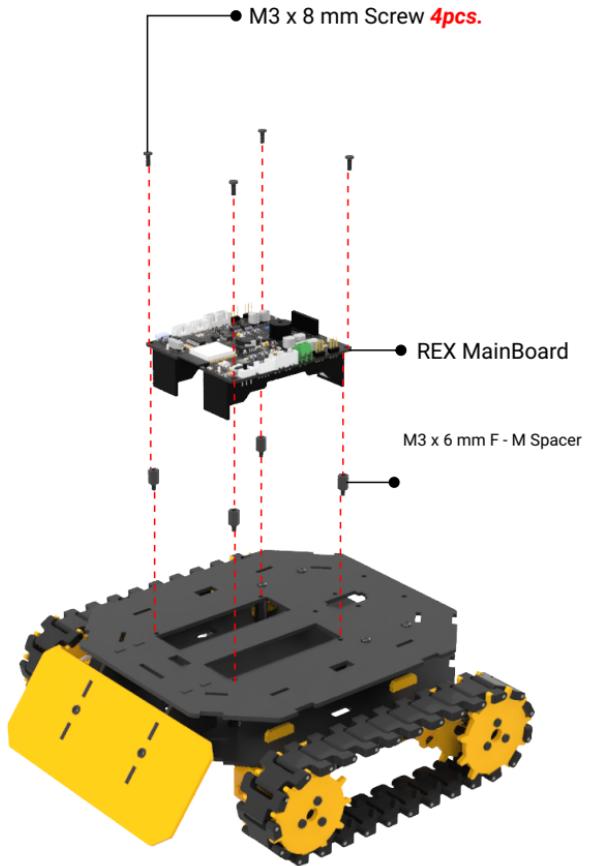


M2 x 8 mm Wooden Screw



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.





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



