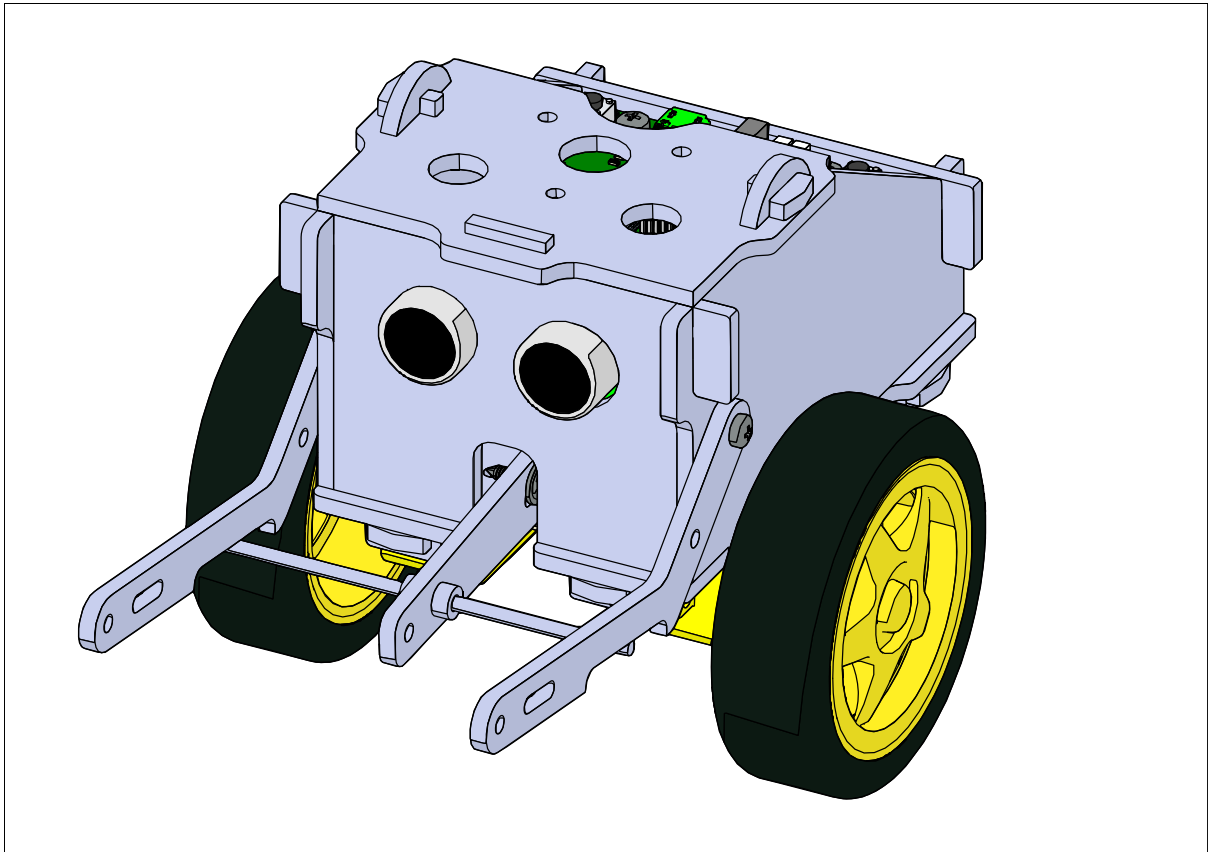


Rd9

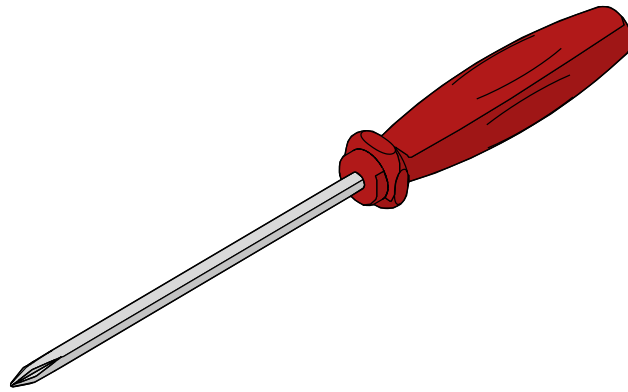
— solutions —

MiiA.bit Extension Assembly Instructions Revision C

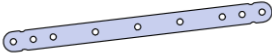

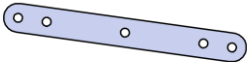

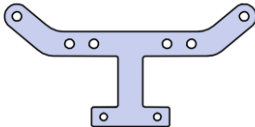
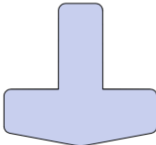


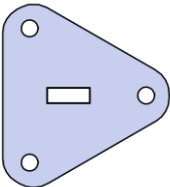
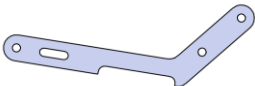




Congratulations! You are now the proud new owner of the MiiExpansion pack. These instructions will take you through everything you need to know on how to assemble the extension pack into different configurations. The MiiExpansion pack is built in the form of a 3D puzzle and is fully compatible with the MiiA.bit robot!

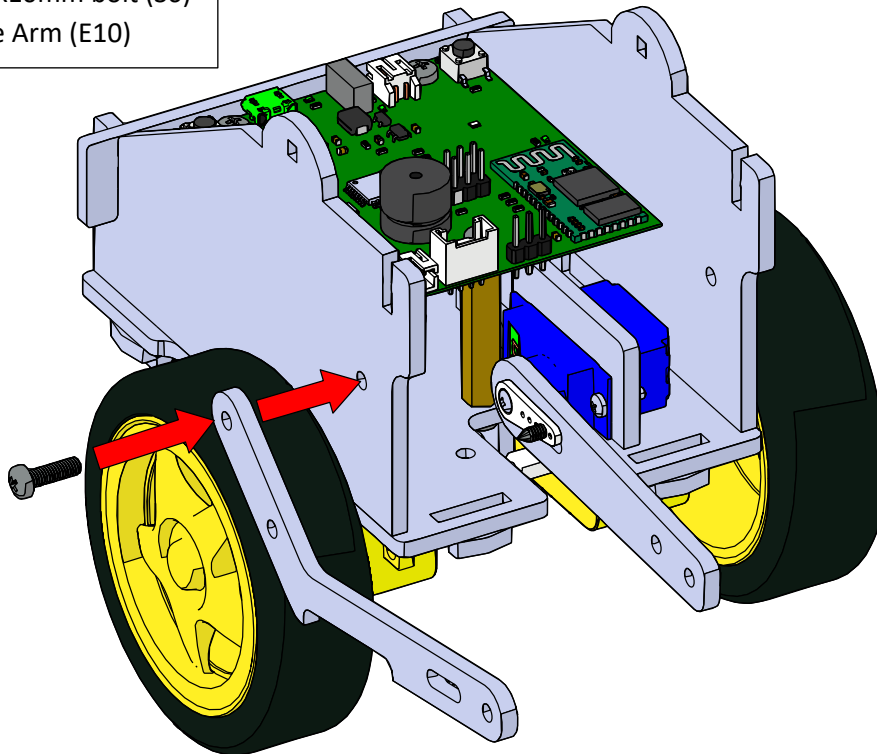
Required Tools: Phillips screwdriver



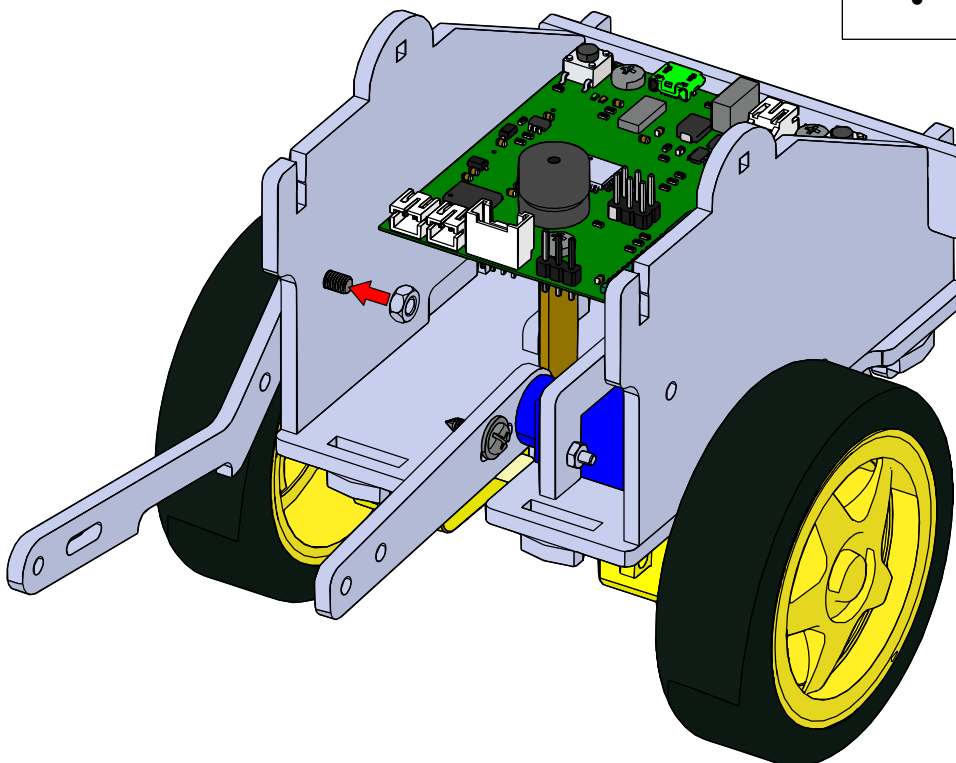
MiiExpansion pack contents

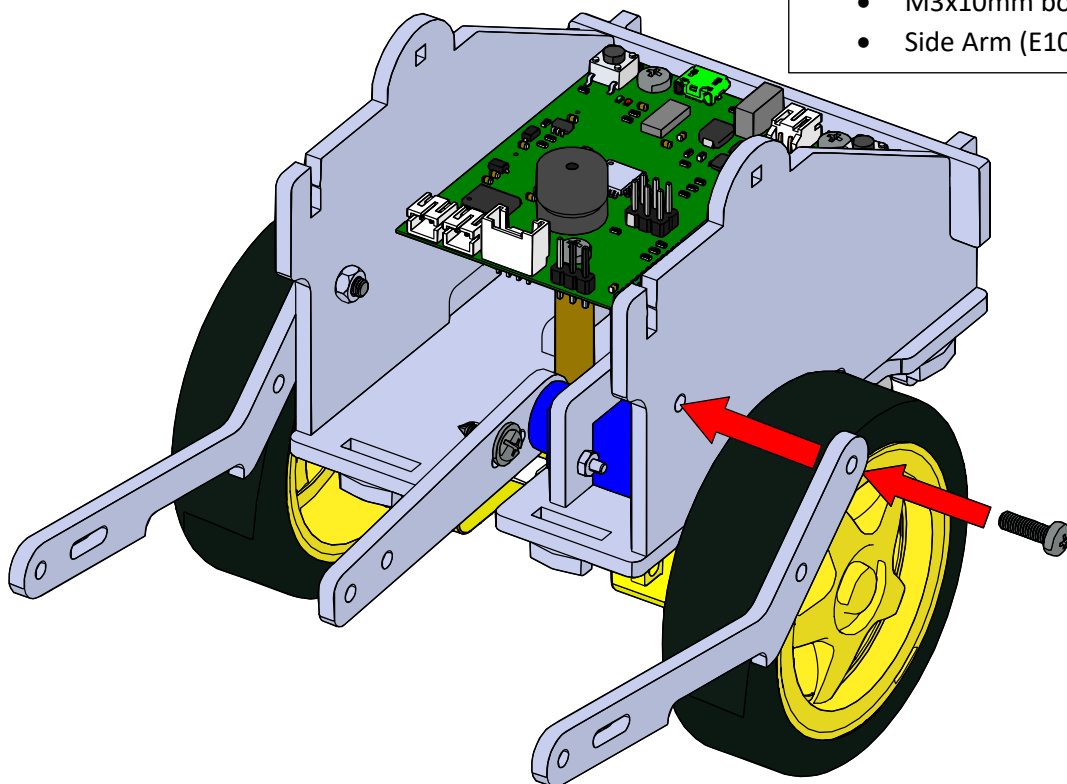
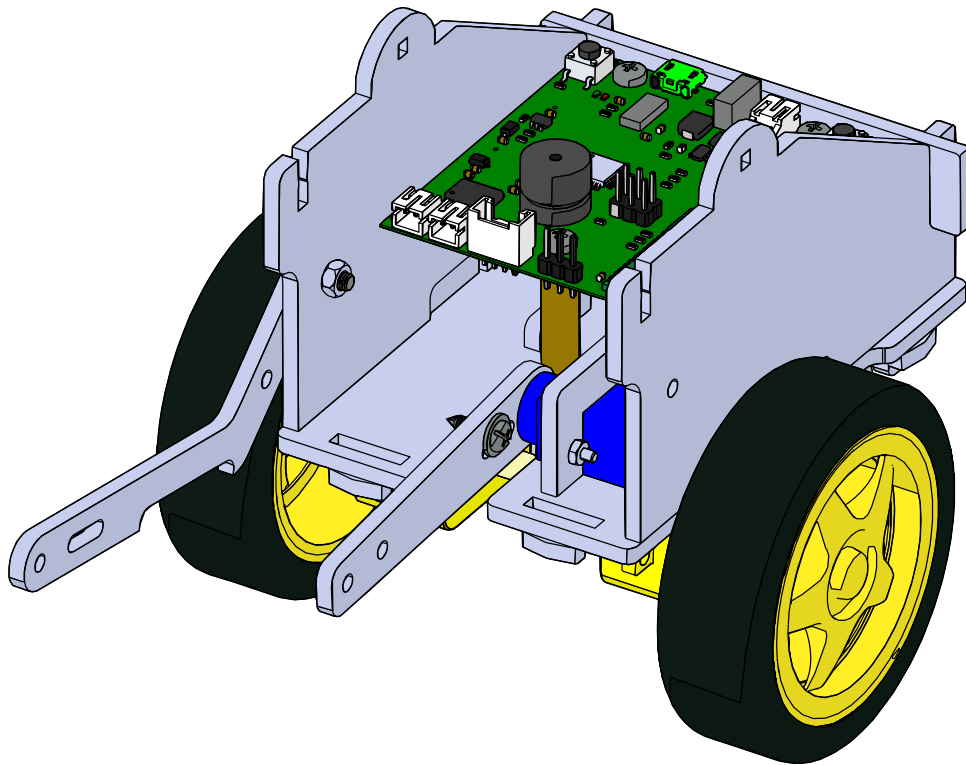
Part number (Code)	Quantity	Part image	Part number (Code)	Quantity	Part image
Long link (E1)	4		Dowel (E2)	2	
Medium link (E3)	4		Short link (E4)	4	
Pusher link (E5)	1		General pin (E6)	2	
Spacer (E7)	7		Roof stand (E8)	1	
Roof tile (E9)	1		Side Arm (E10)	2	
M3 nut (S4)	15		M3x10mm bolt (S6)	15	

- M3x10mm bolt (S6)
- Side Arm (E10)



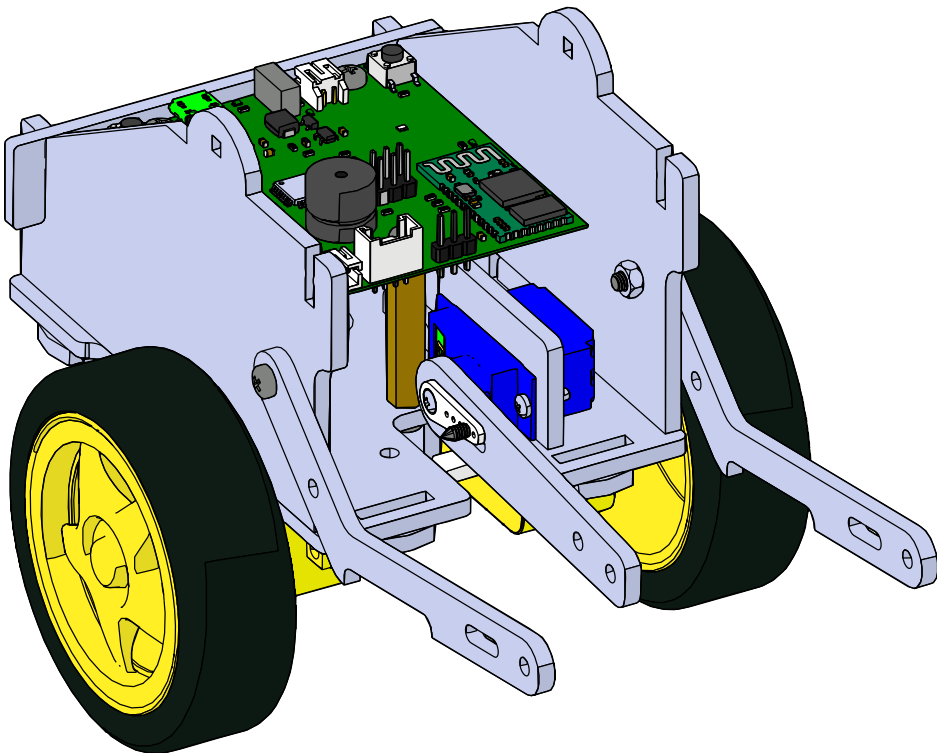
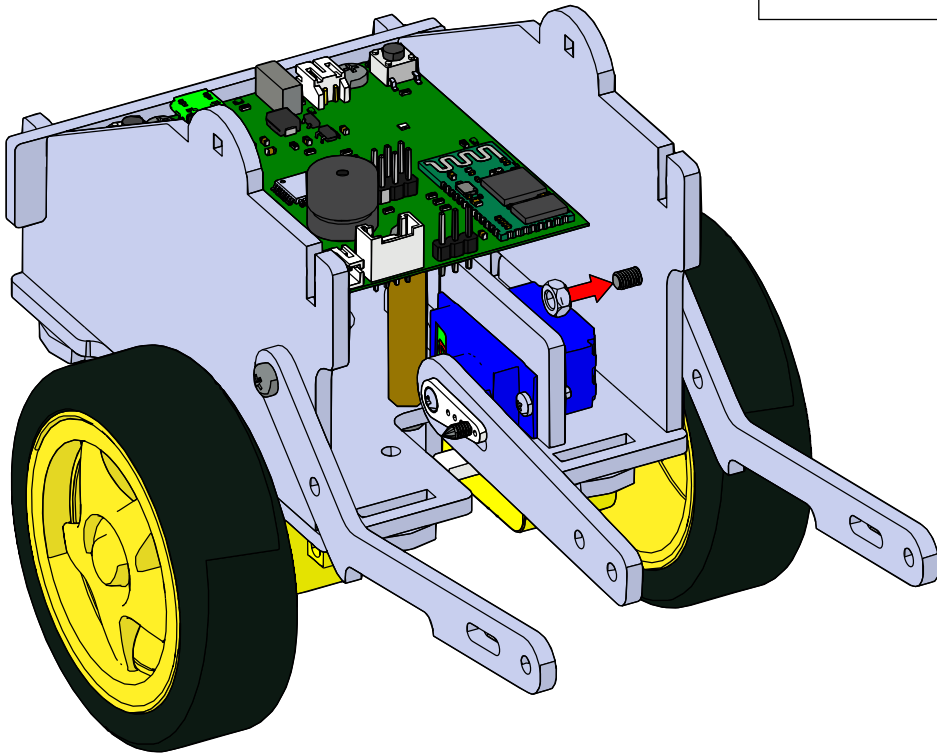
- M3 nut (S4)



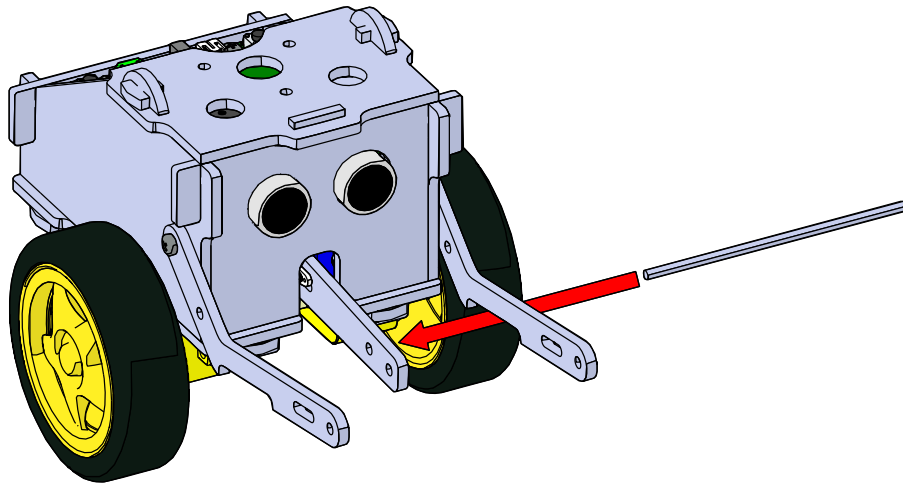


- M3x10mm bolt (S6)
- Side Arm (E10)

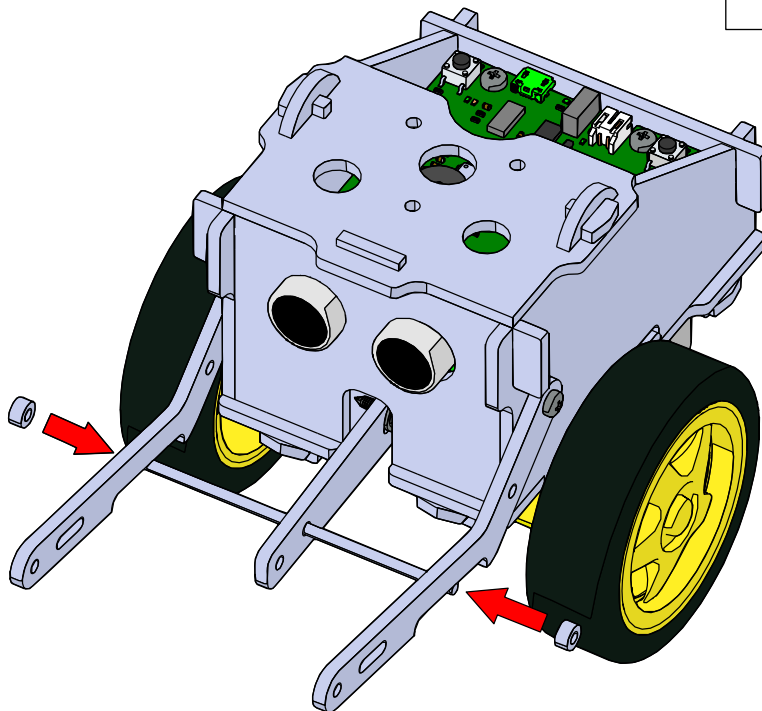
- M3 nut (S4)

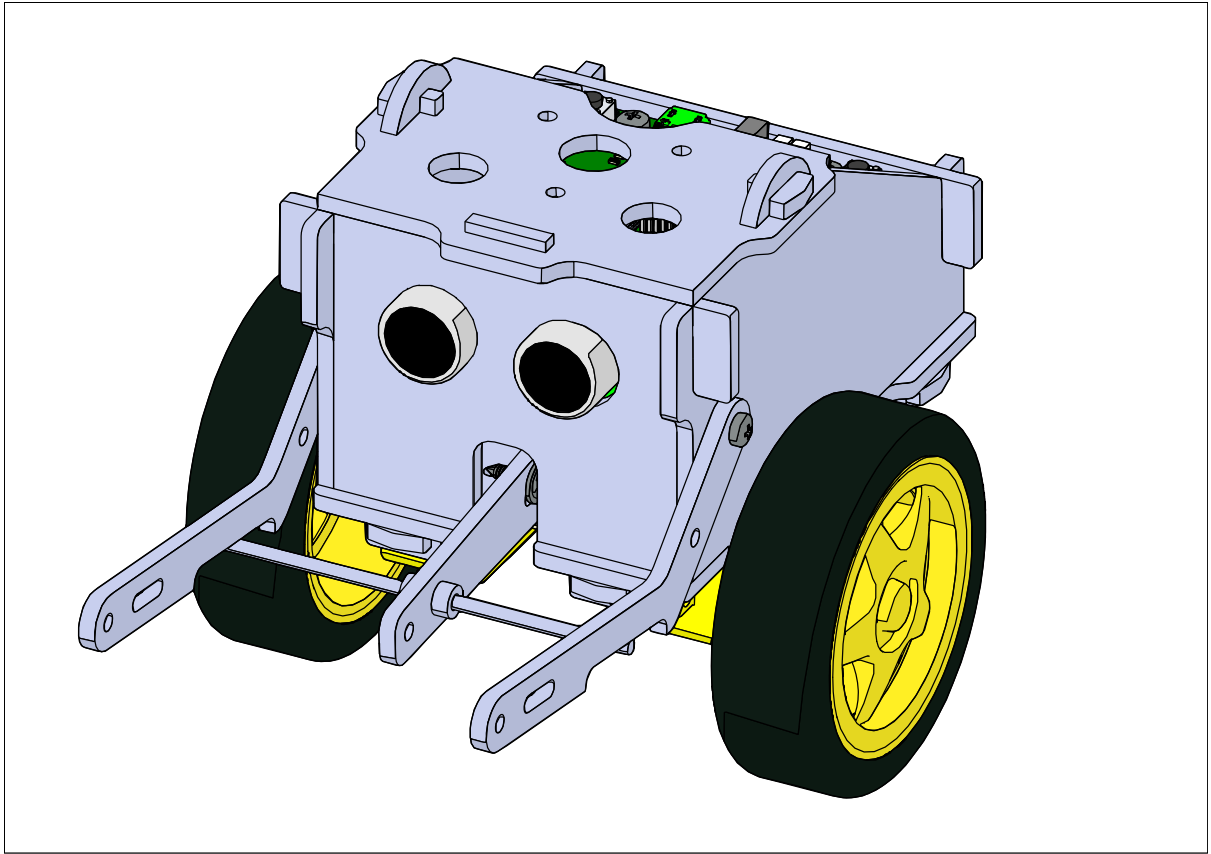


- Dowel (E2)



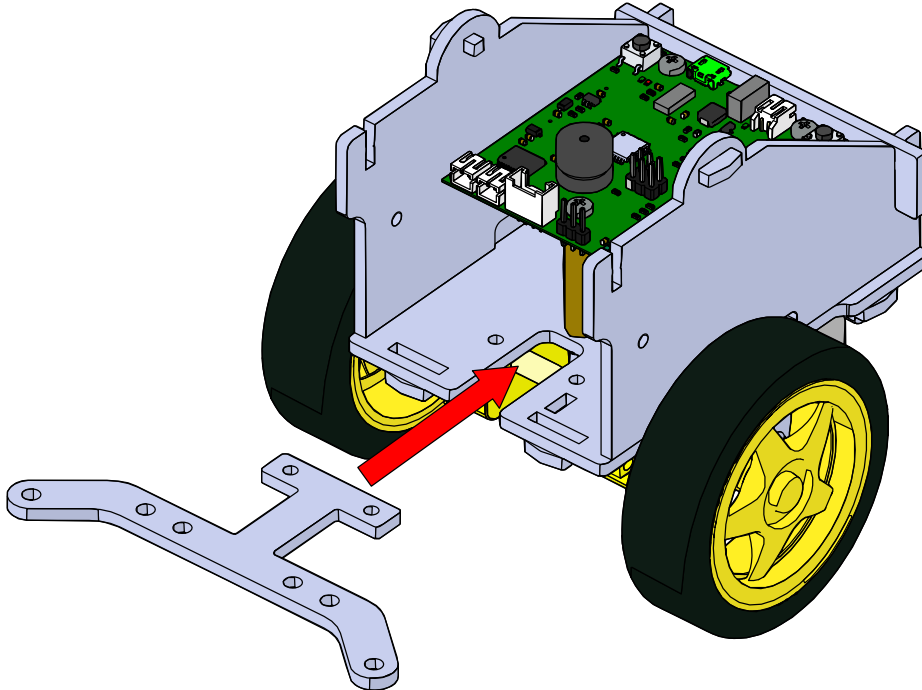
- Spacer (E7)



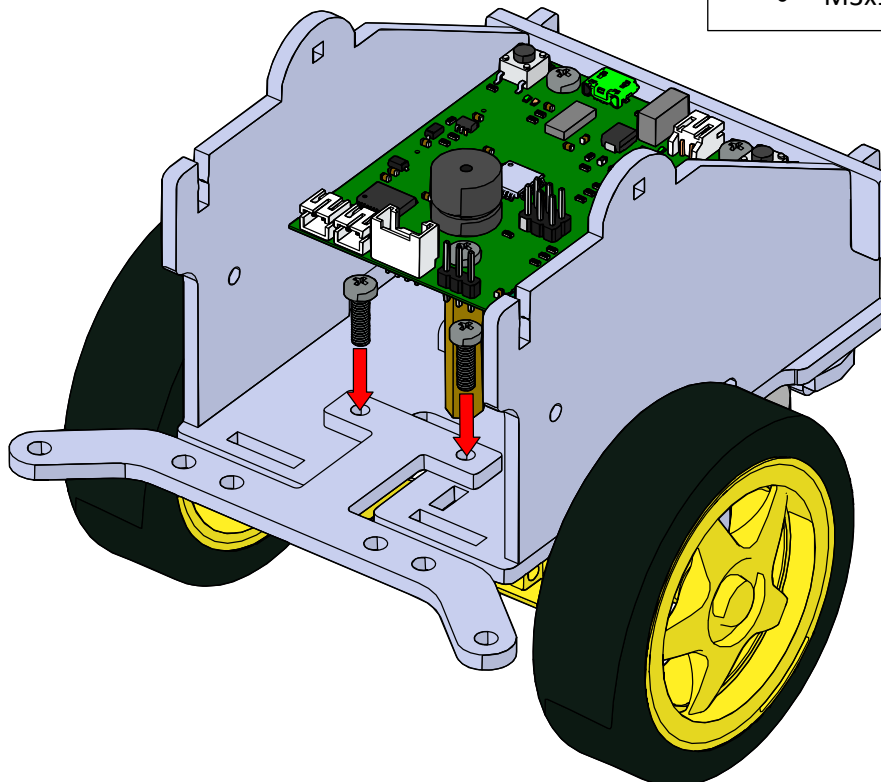


MiiA.bit Pusher Extension

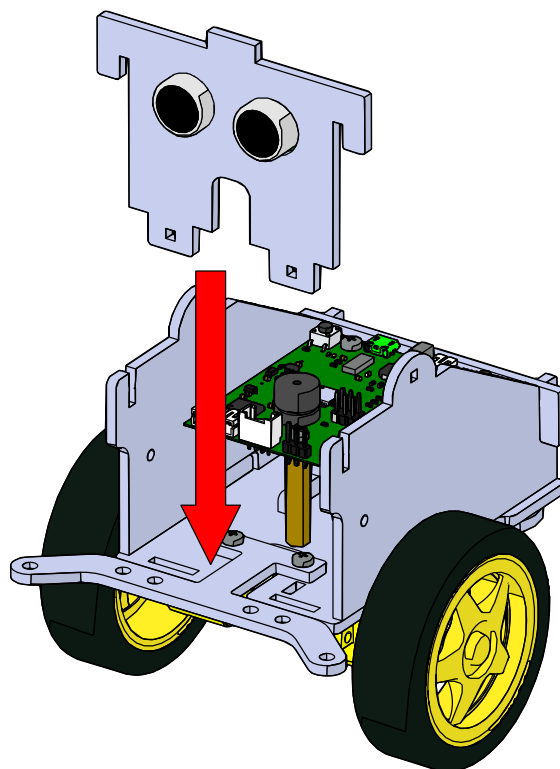
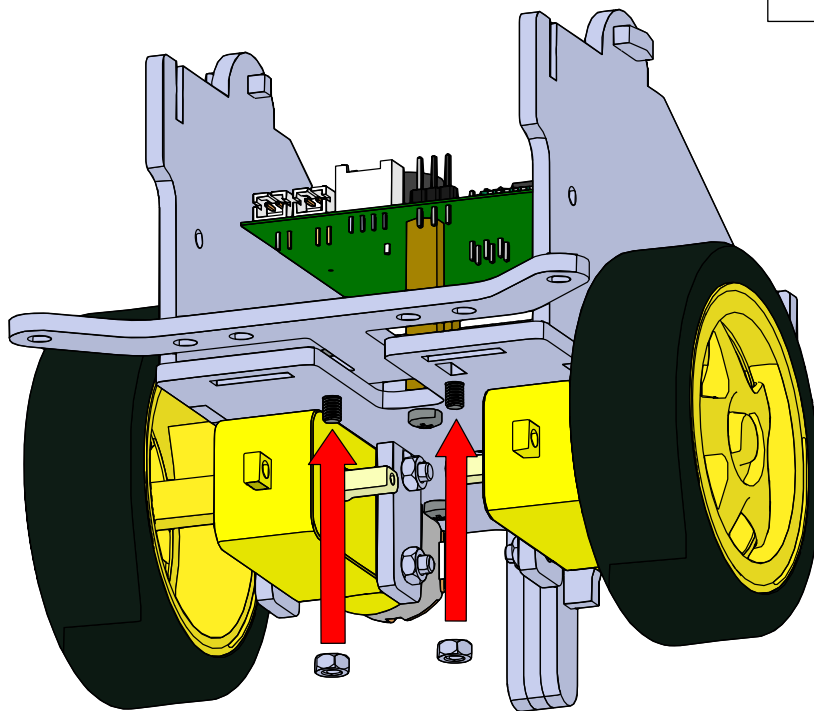
- Pusher link (E5)

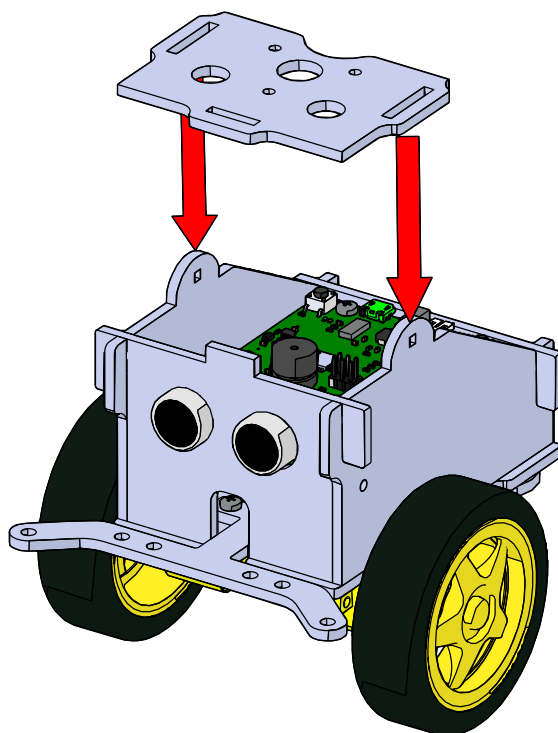
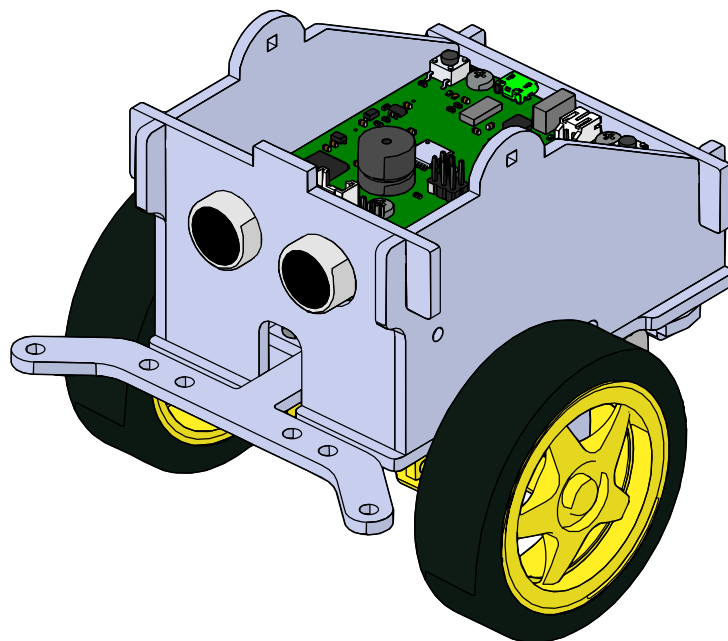


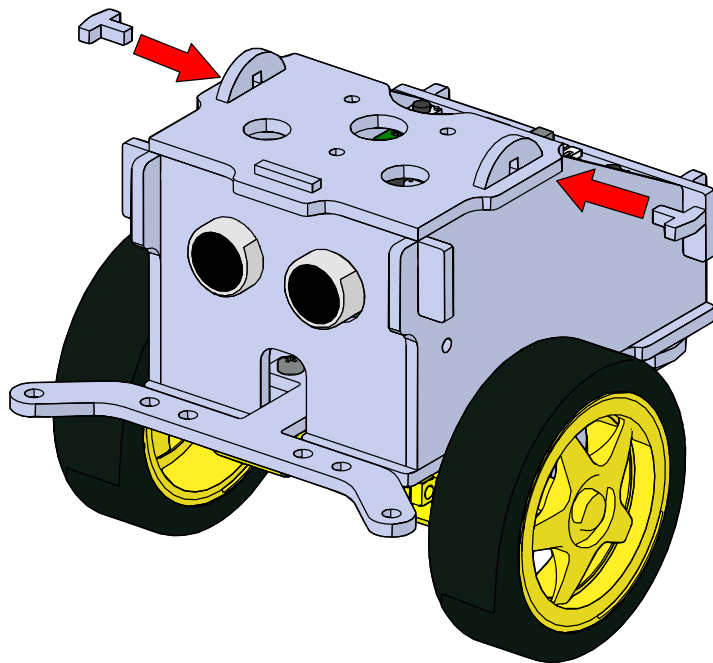
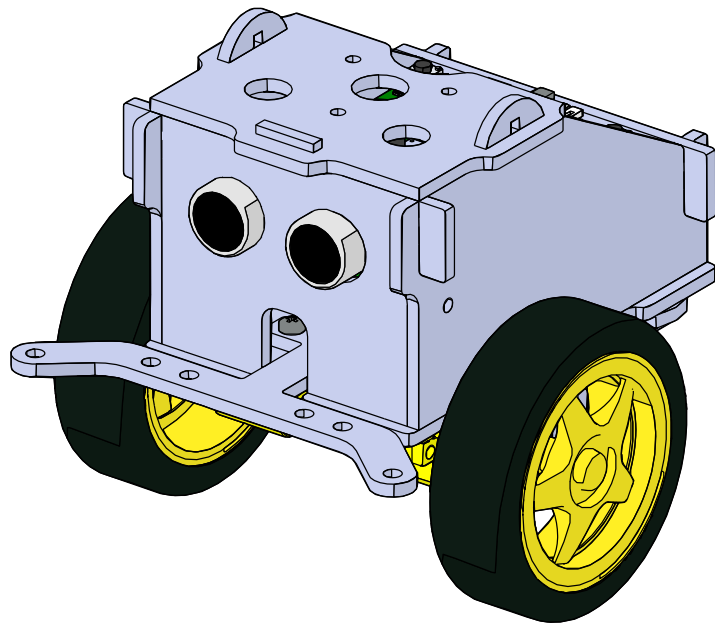
- M3x10mm bolt (S6)

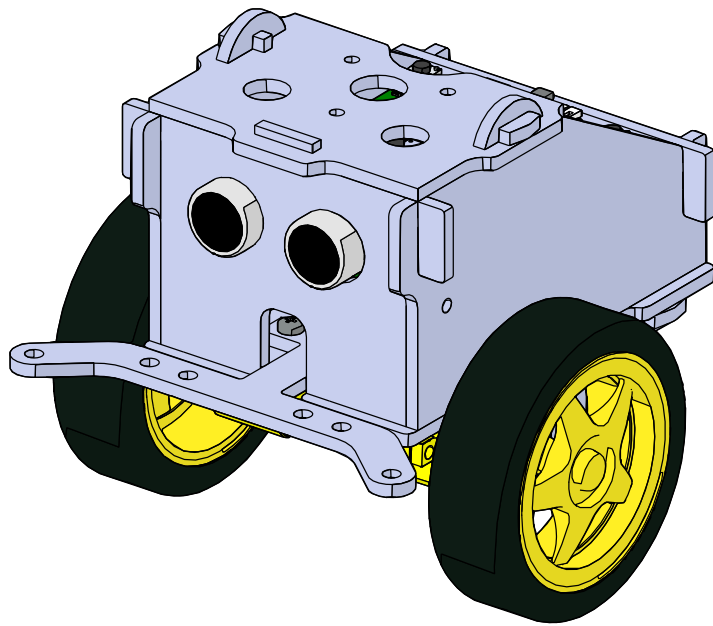


- M3 nut (S4)

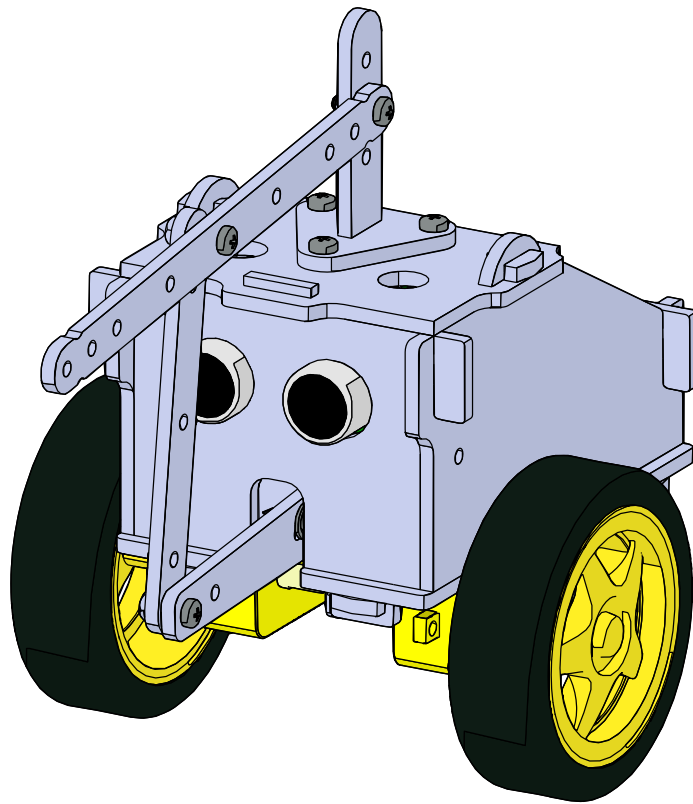




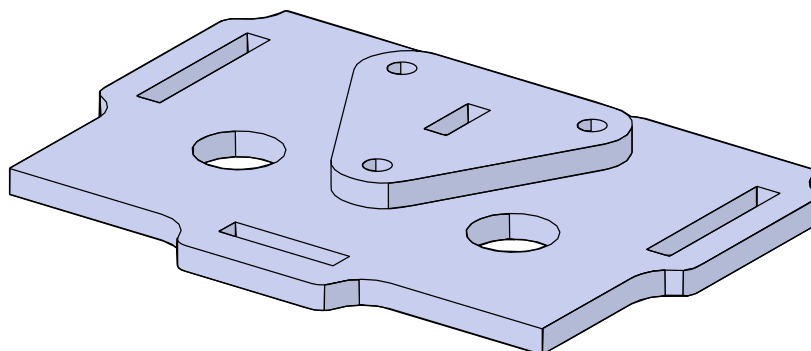
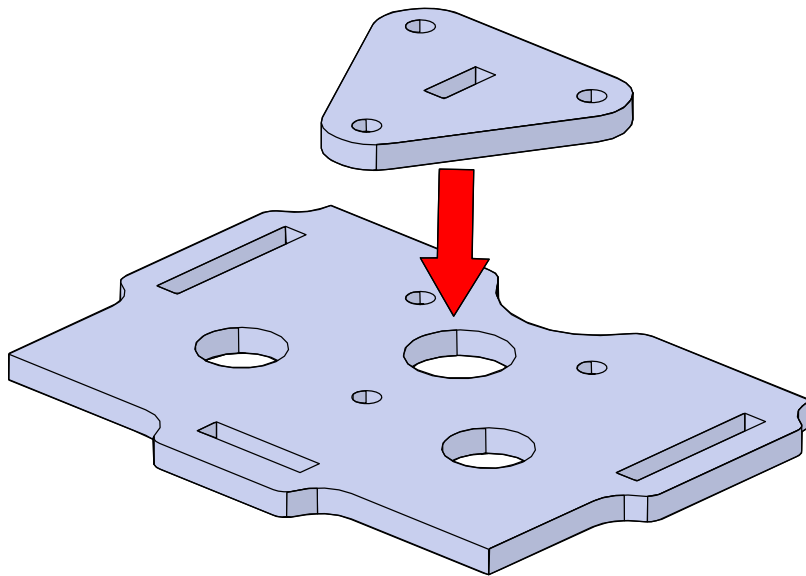




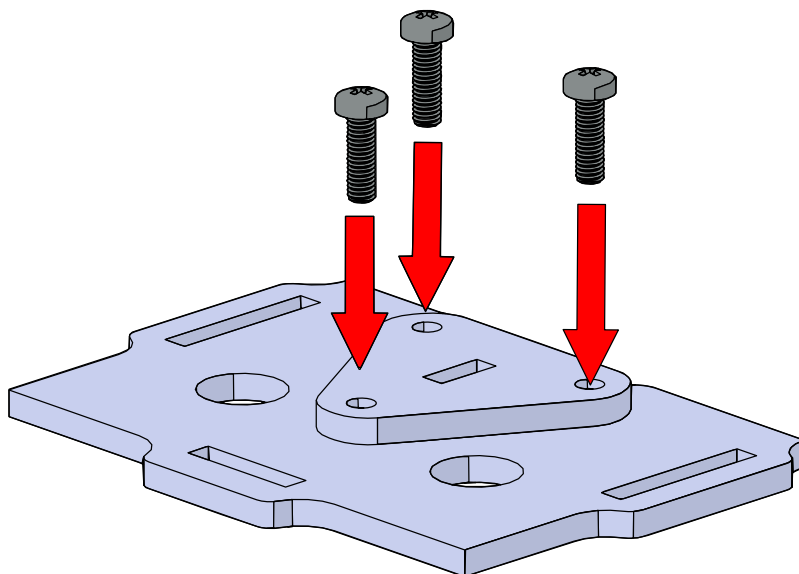
MiiA.bit linkage Extension



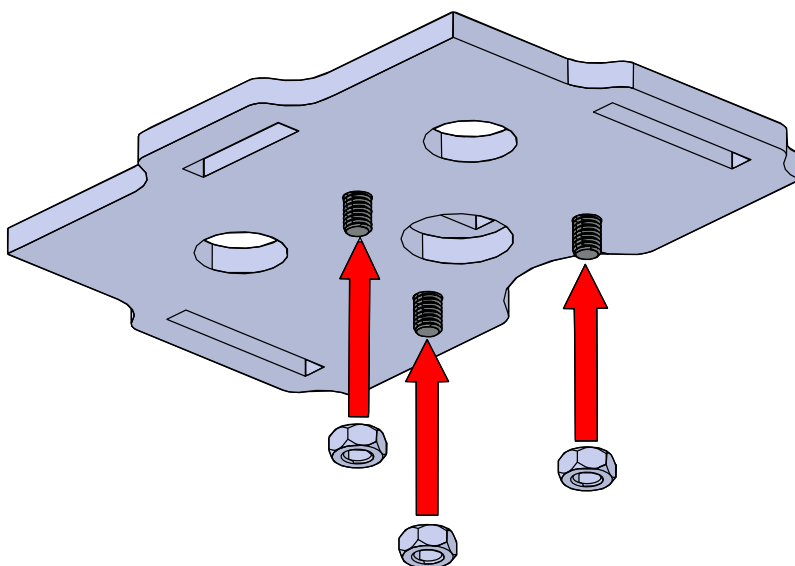
- Roof tile (E9)

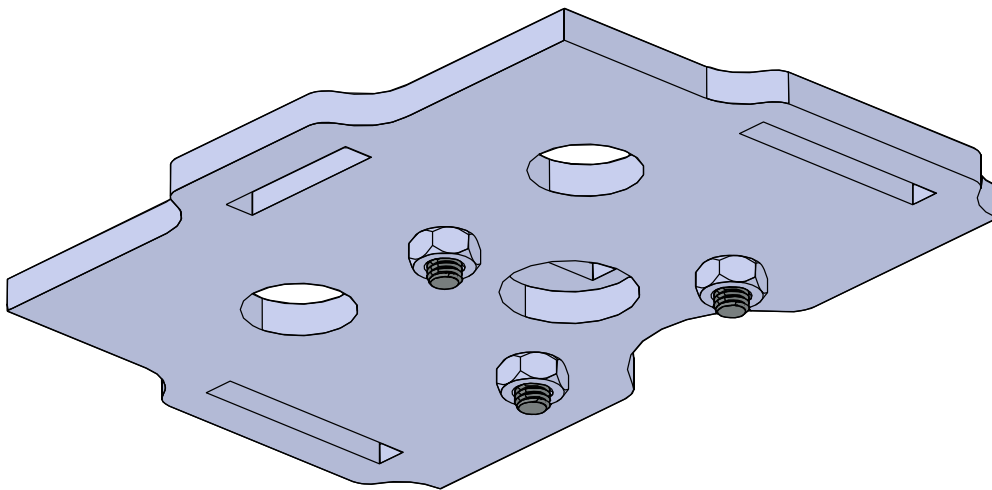
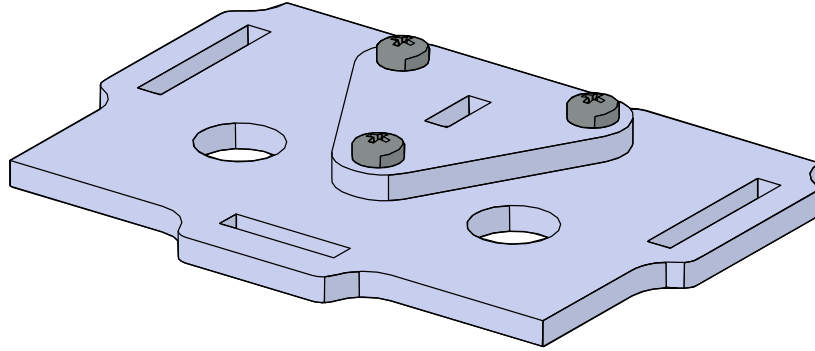


- M3x10mm bolt (S6)

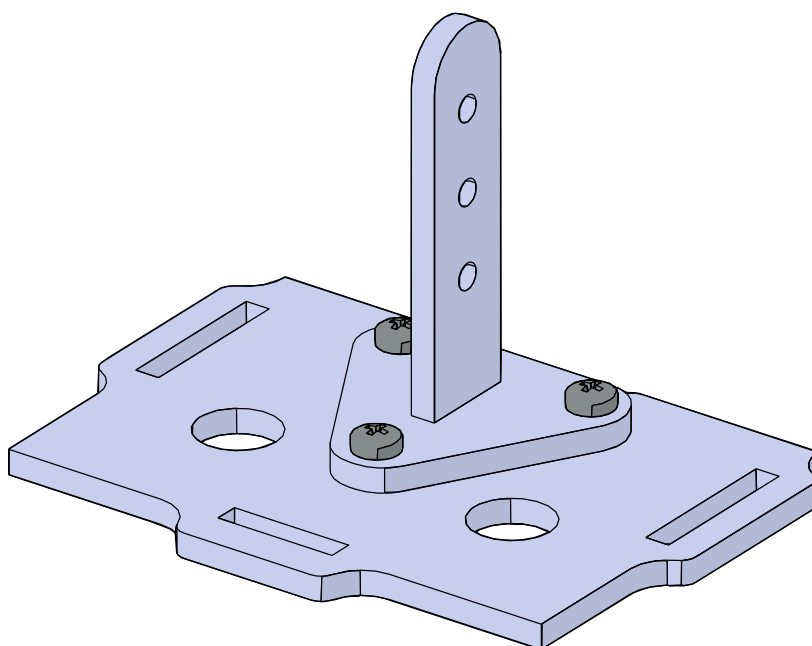
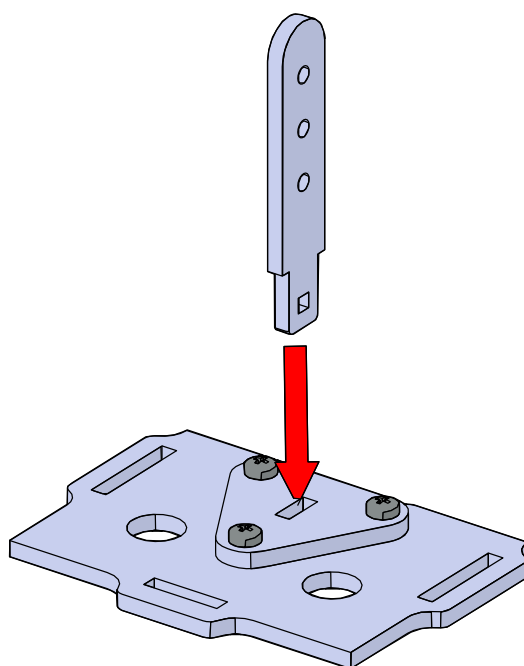


- M3 nut (S4)

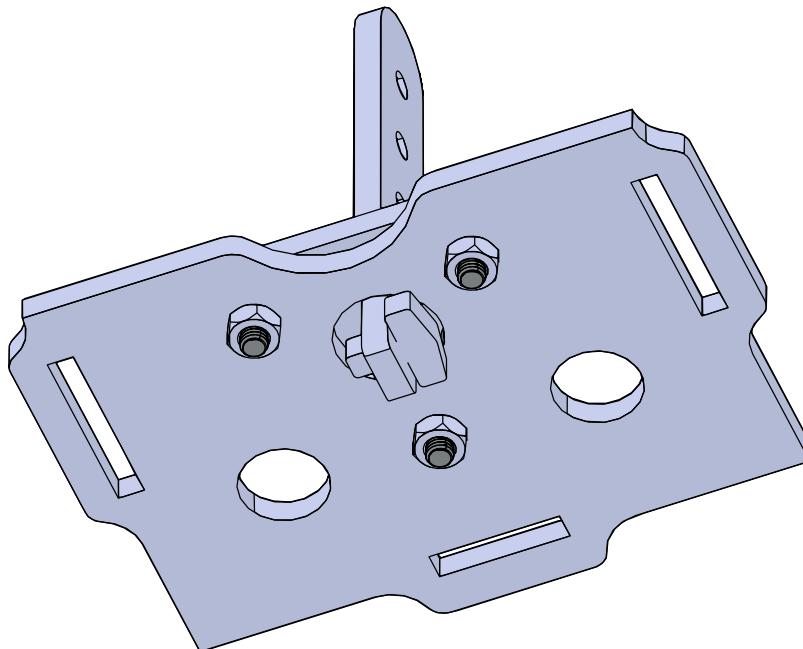
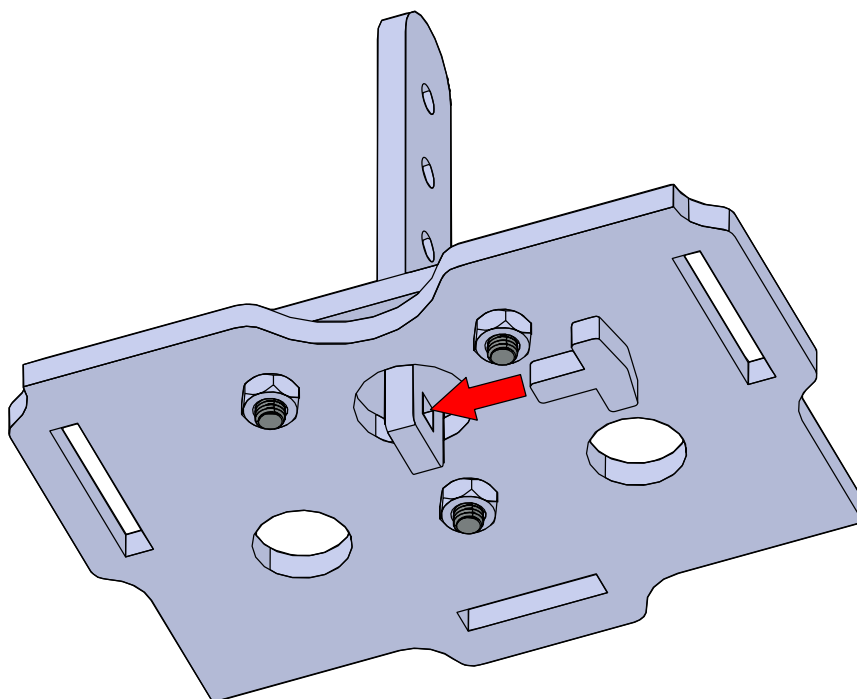


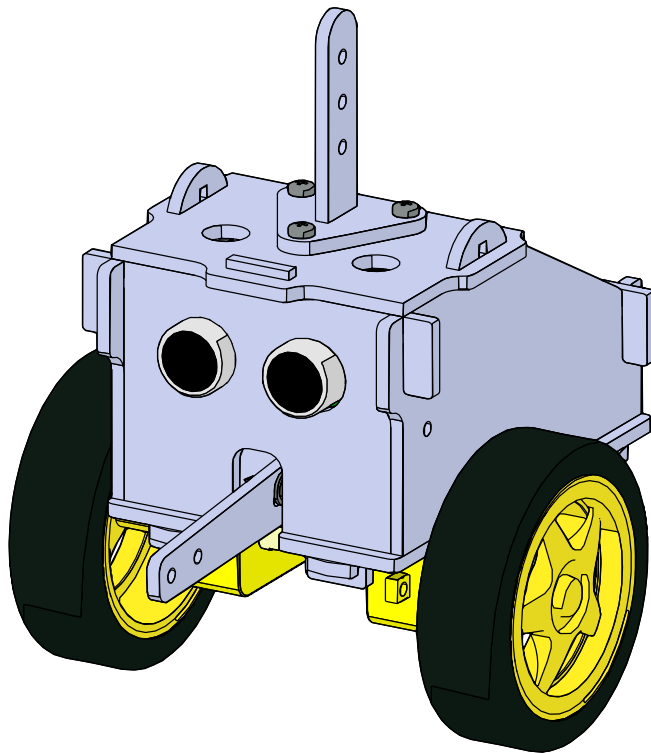
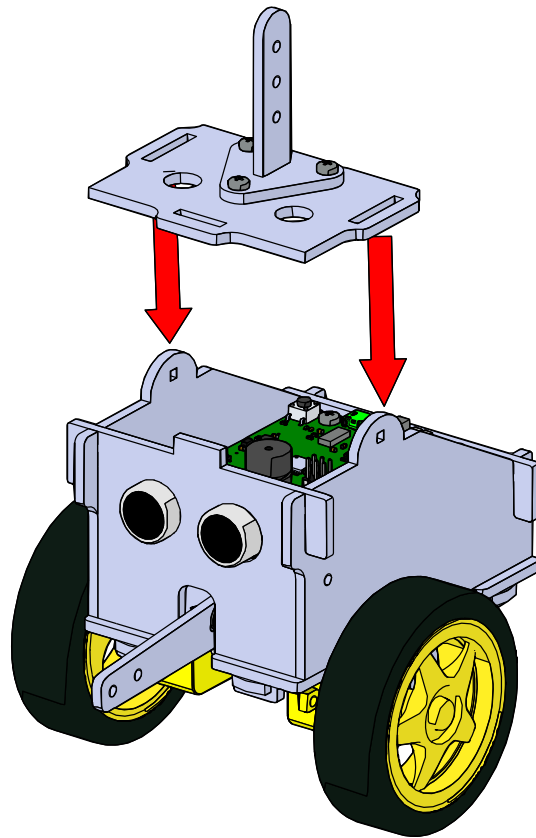


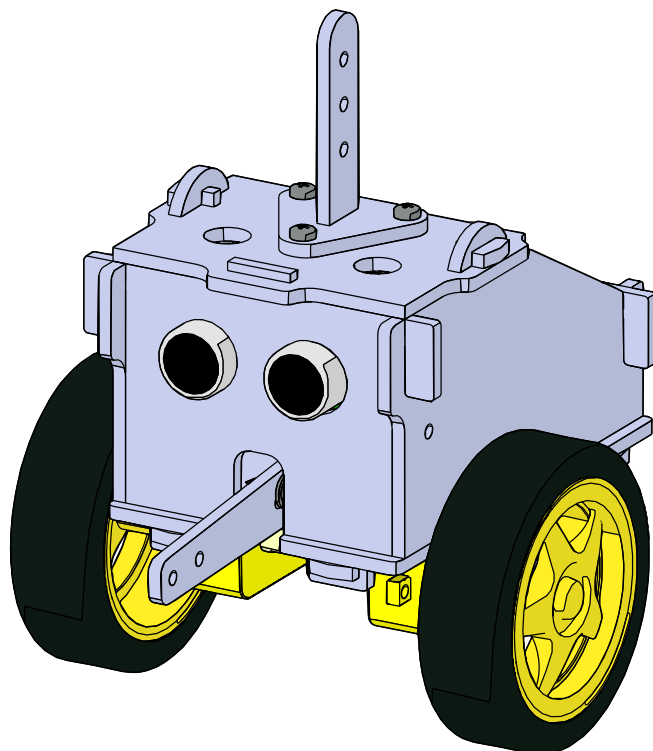
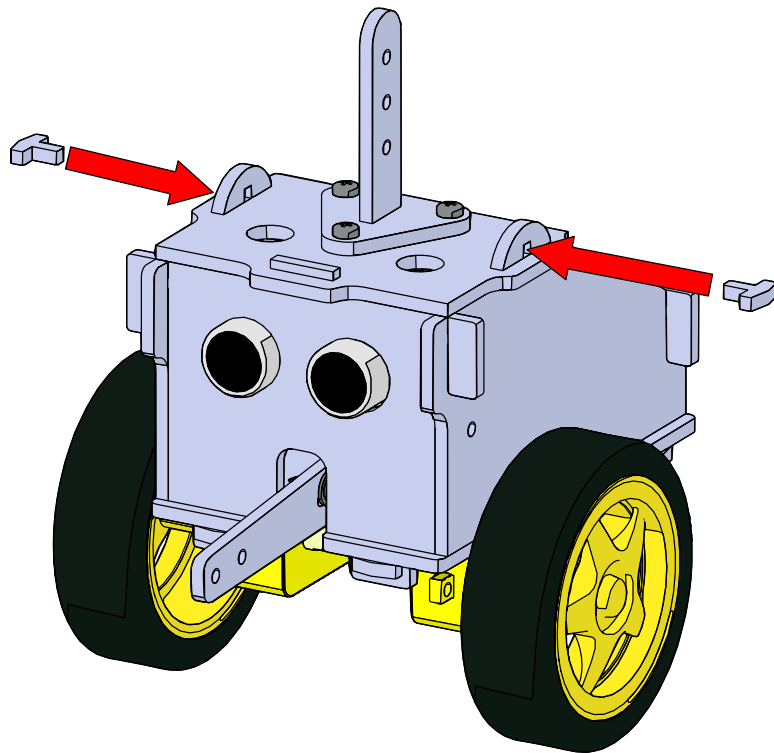
- Roof stand (E8)



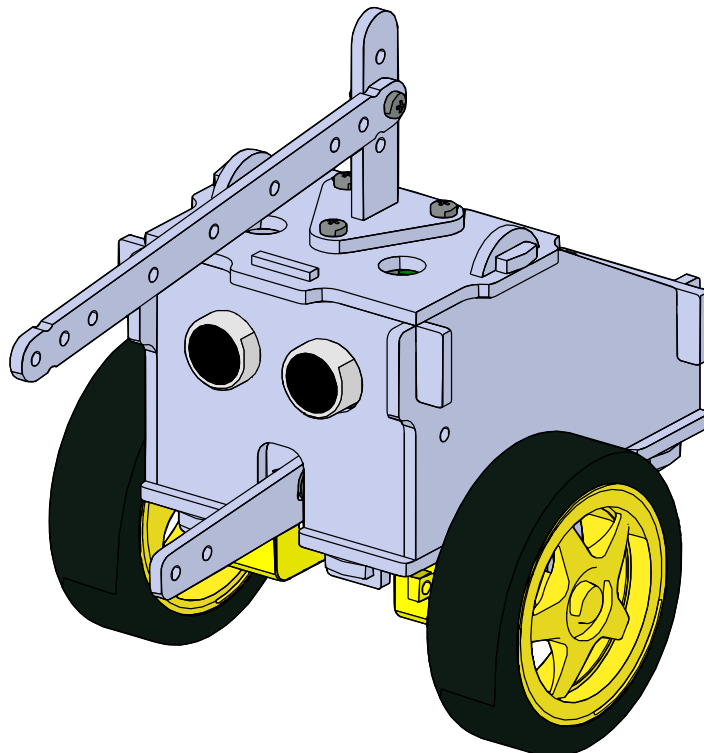
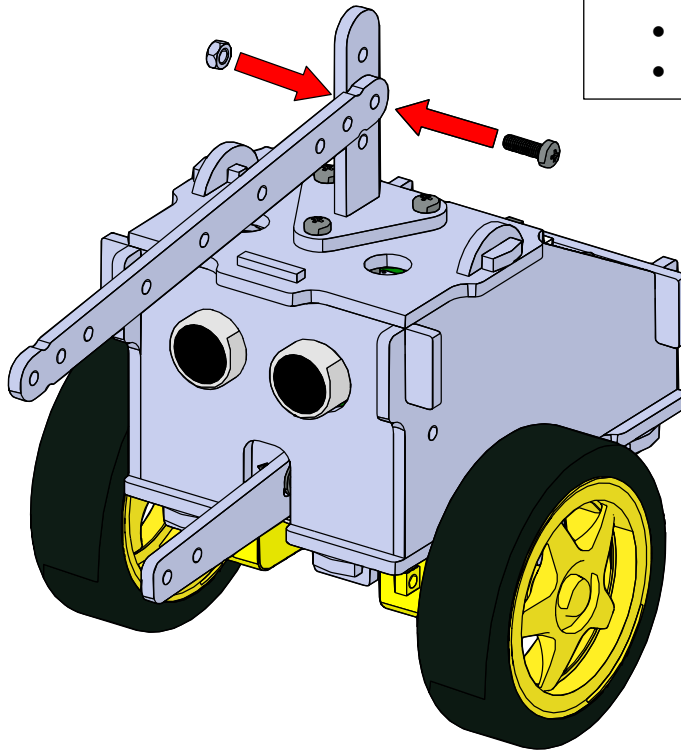
- General pin (E6)



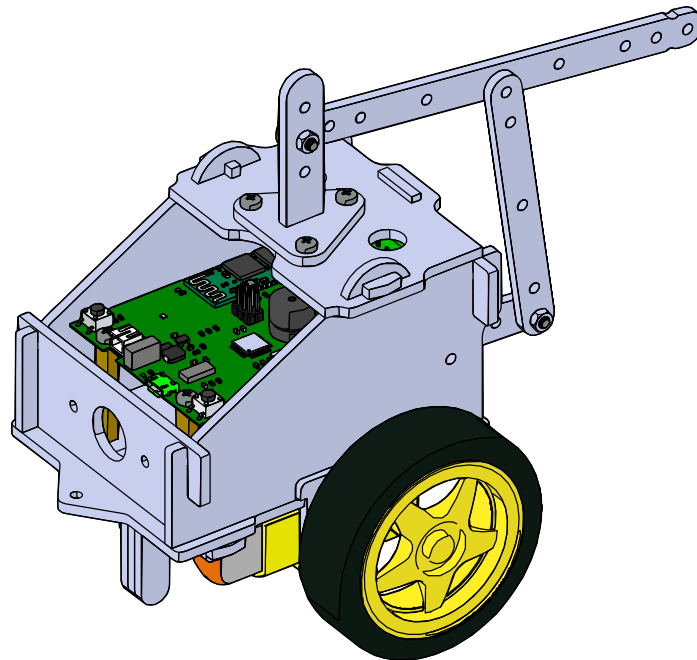
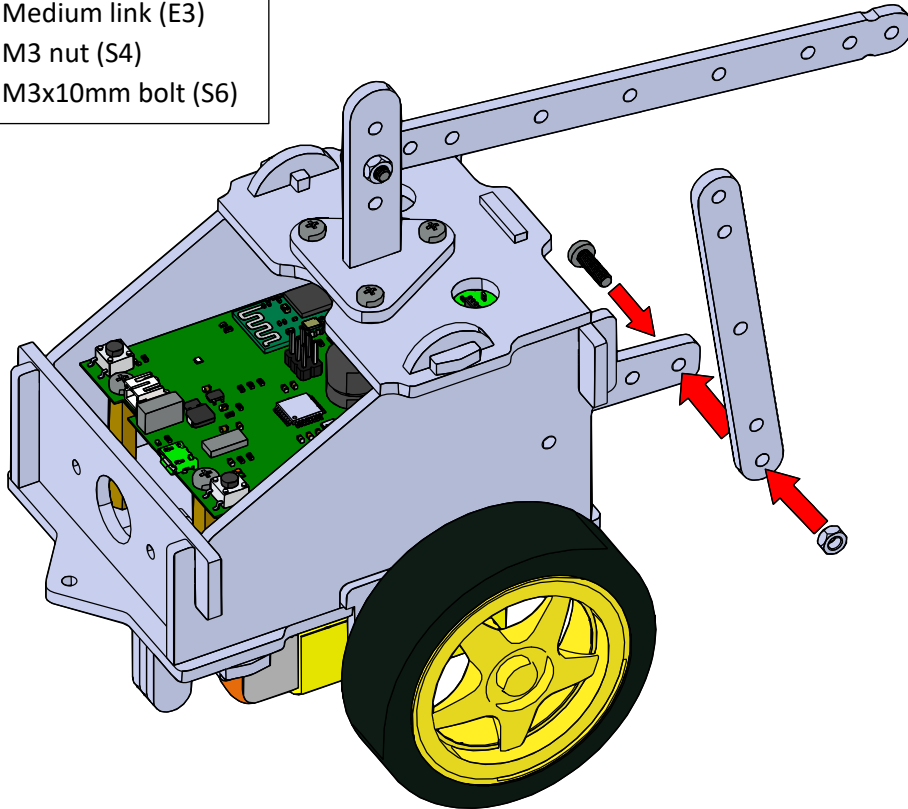




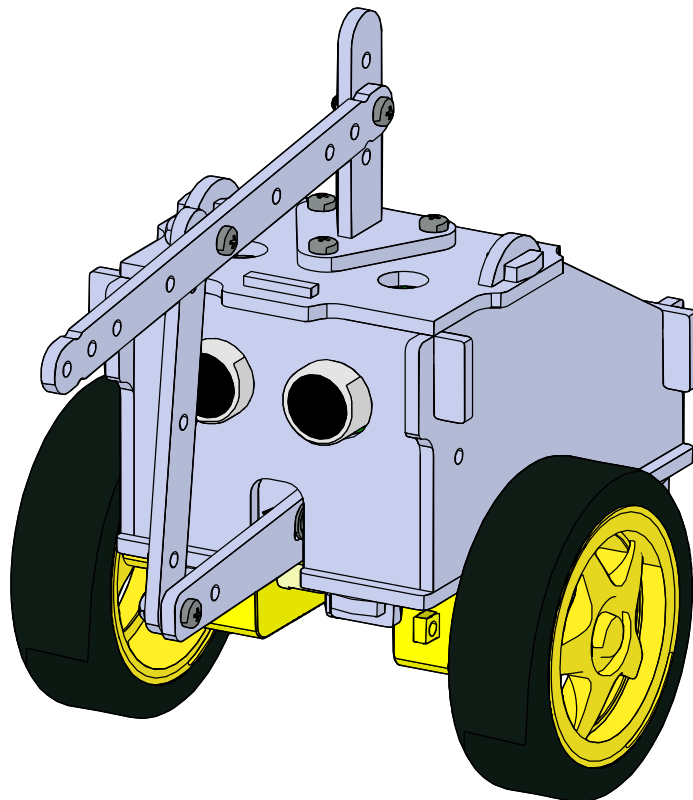
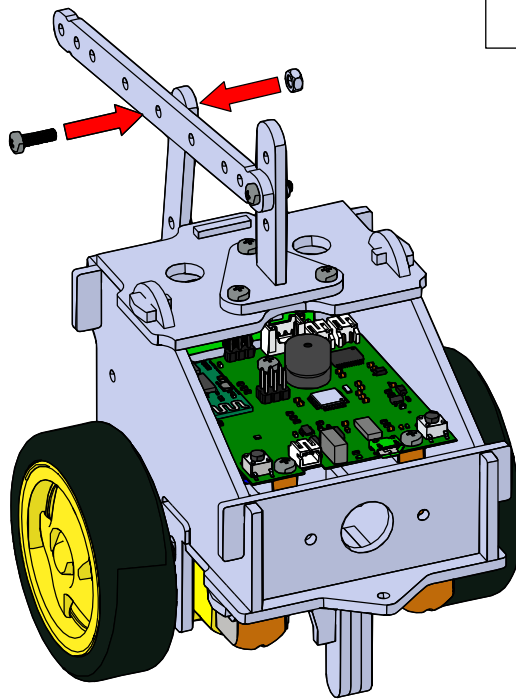
- Long link (E1)
- M3 nut (S4)
- M3x10mm bolt (S6)



- Medium link (E3)
- M3 nut (S4)
- M3x10mm bolt (S6)

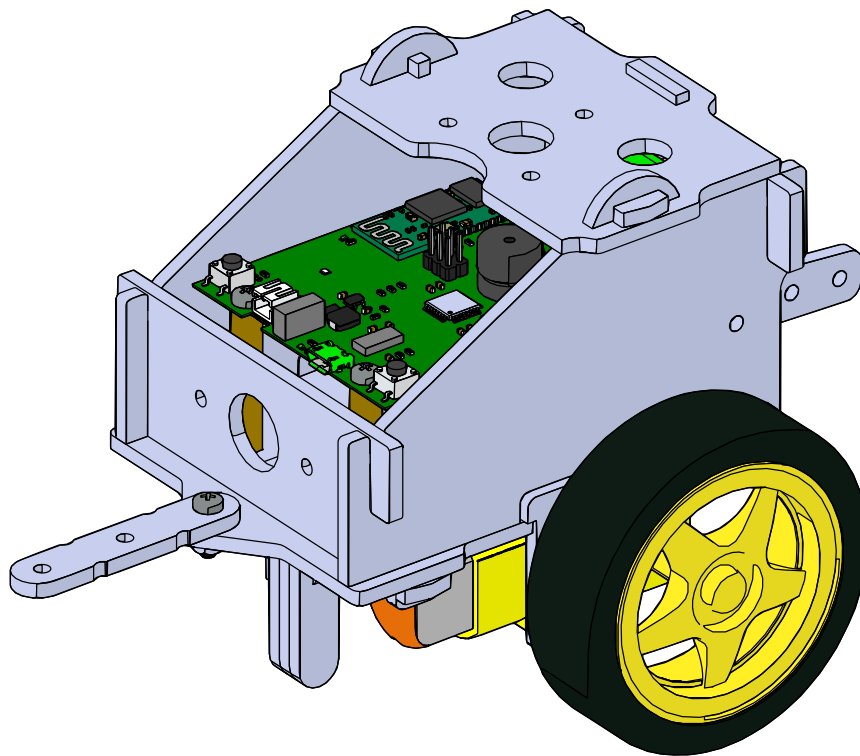
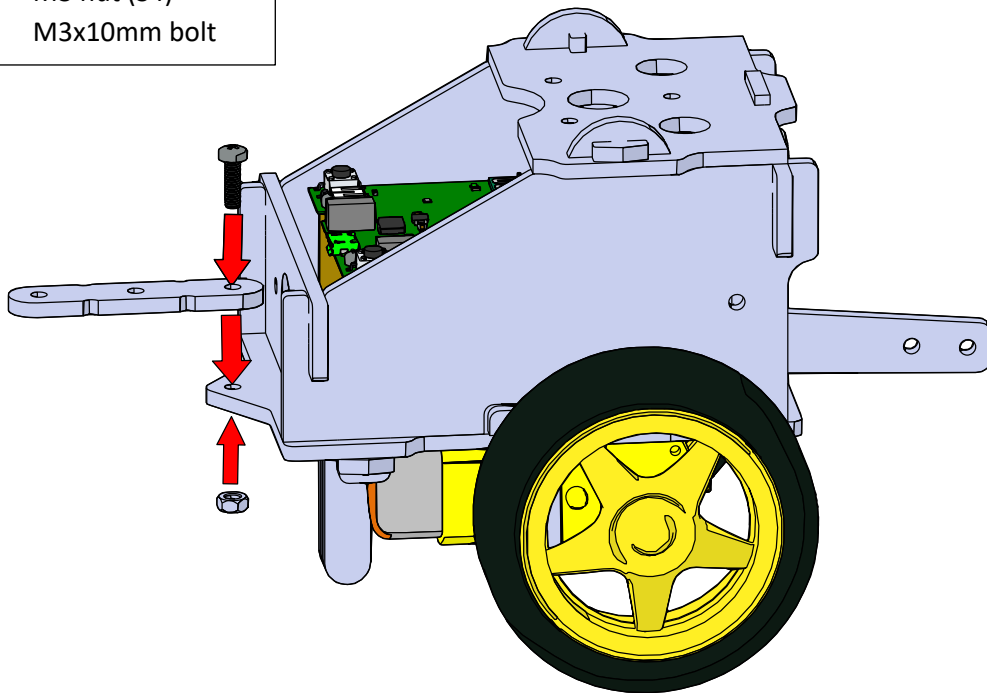


- M3 nu(S4)
- M3x10mm bolt (S6)



Additional configurations

- Short link (E4) (S6)
- M3 nut (S4)
- M3x10mm bolt



Well done! Your MiiA.bit is now complete with additional functionality and capabilities! It's now ready to be programmed!

The configurations shown in this document are by no means all the configurations possible with the MiiExtention Pack. As for what else you can do, it is really up to you and your creativity!

To continue your robotics journey please go to our website, www.miiabot.rd-9.co.za

Alternatively, all relevant information is contained in our MiiCode Mobile Application which can be downloaded on both the Google Play store and Apple App store. If you are having any issues or difficulty in assembling the kits, please do not hesitate to contact us at info@rd-9.co.za