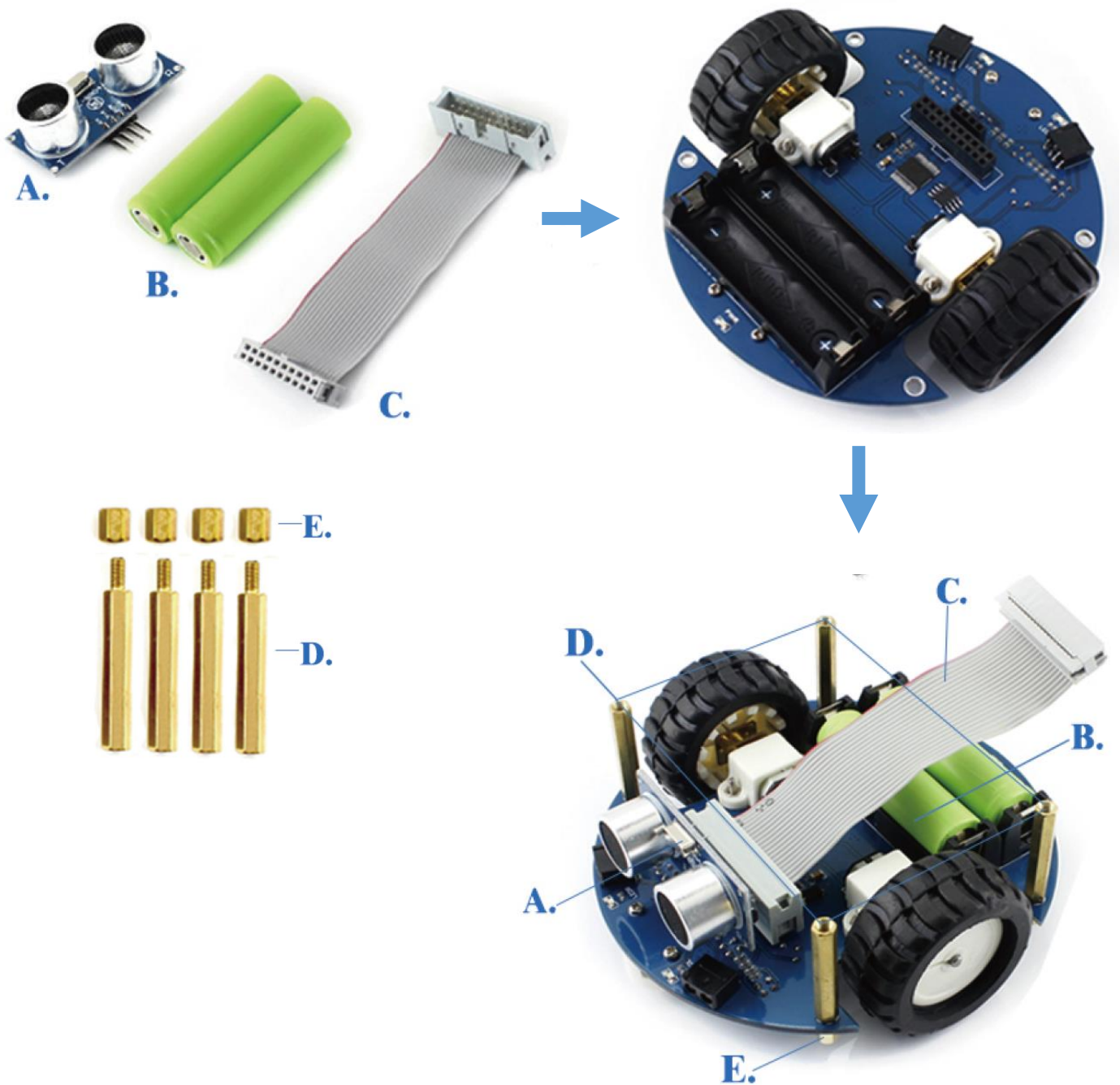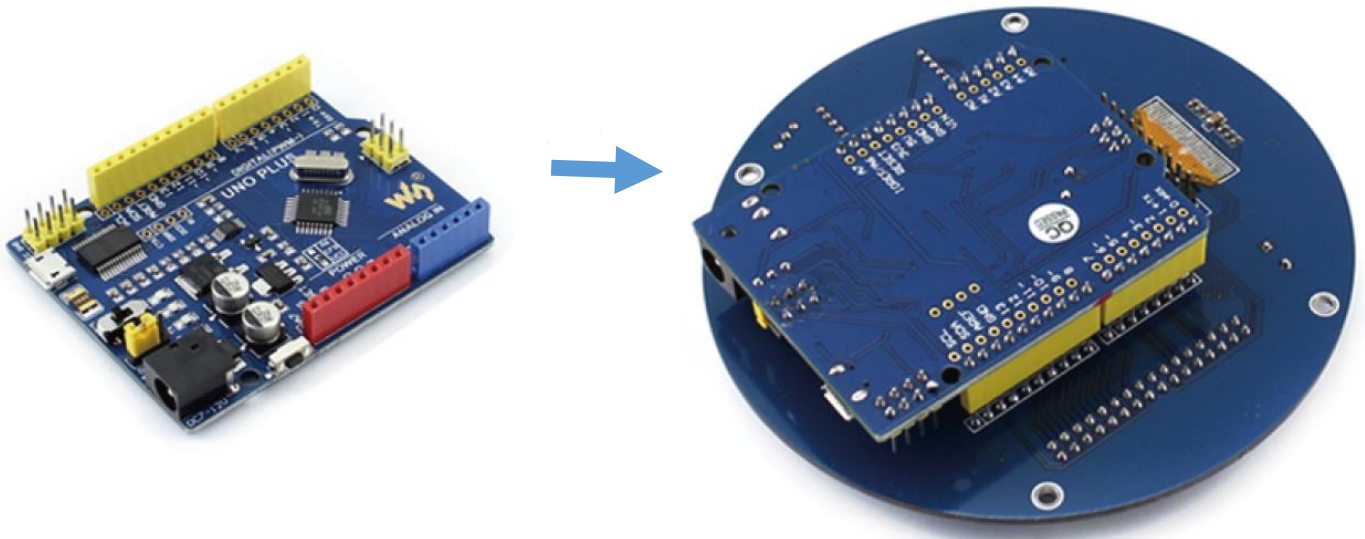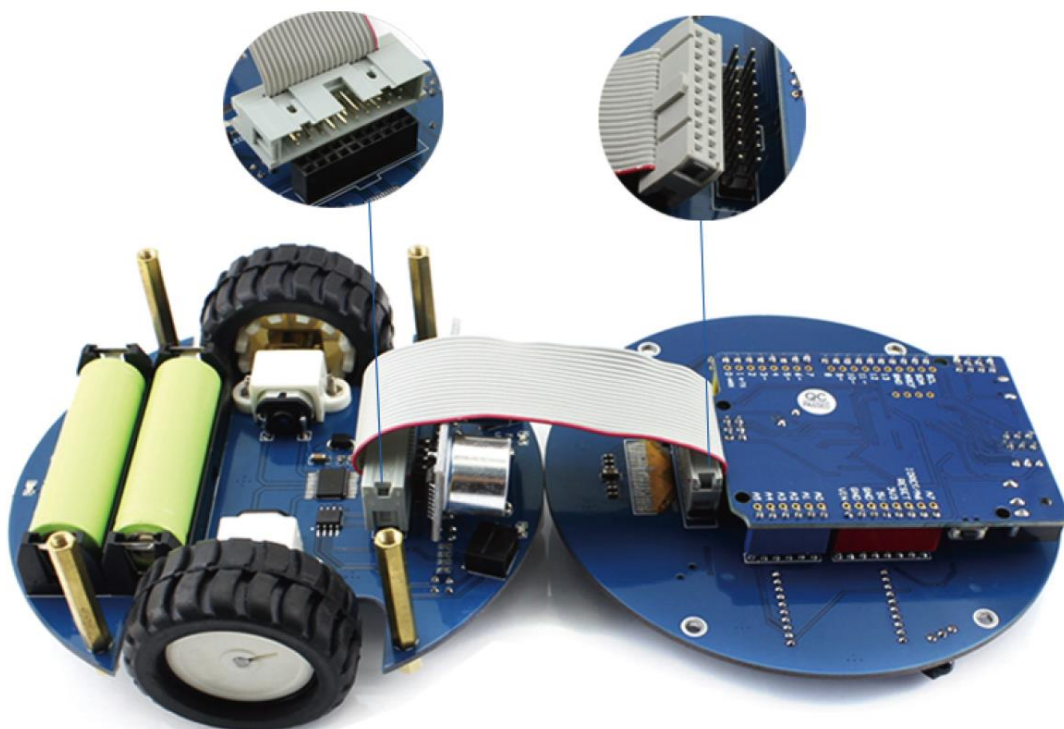# AlphaBot2-Ar Assembly Diagram

1. Install the Ultrasonic sensor **(A)**, 14500 batteries 2pcs **(B)**, FC-20P cable 8cm **(C)** and screw pillars/caps **(D and E)** onto the AlphaBot2-Base (base chassis).

2. Plug a UNO PLUS board (Arduino UNO compatible board) to the AlphaBot2-Ar (adapter board).

3. Plug the FC-20P cable to both the AlphaBot2-Ar (adapter board) and AlphaBot2-Base (base chassis). Note: the connector of the cable must be plugged following the marks on the PCB. Please make sure the cable is connected correctly.

4. Fix the AlphaBot2-Ar (adapter board) to the AlphaBot2-Base (base chassis) with screws **(F)**.