

# AA-Battery Pack

It is also possible to use a non-rechargeable battery pack instead of the Li battery pack.

A 6 x AA battery holder can be positioned on the back of the robot and held in place by two clips. The 3D design for the clip can be downloaded from TinkerCAD (search in "3D designs" for "balrobot" in the TinkerCAD gallery).

Note, the servo for the arm needs to be removed, so there will no longer be a movable arm.

The power switch is positioned through the hole already incorporated in the sides of the chassis at the top of the robot.

On the four pin power plug, connect pins 1 and 2, and pins 3 and 4 together as shown in the circuit below.

Note also, the charge status LED on the robot shield will always be green and will no longer indicate the status of the battery charge.

