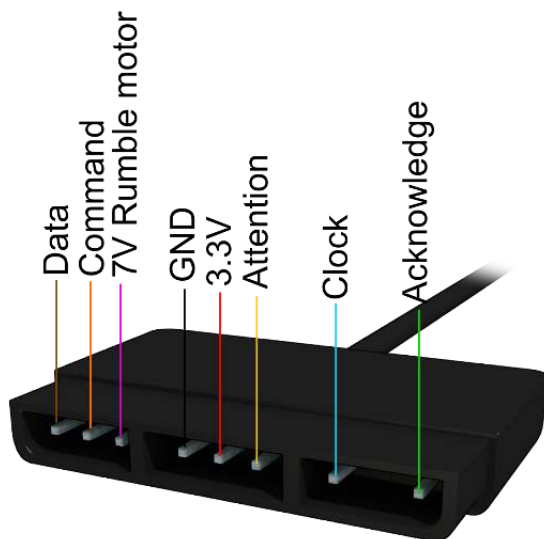


^ This is how the battery, motor shield, and the ps2 receiver are connected together. If you look at my arduino code, I change my pins from digital to analog, but there should be no problems on using different pins based on your preference.



← This is the ps2 receiver and the locations of where certain wires should be. Using wires according to their colors indicated in the image will be useful when coding.

For more info on the RC tank:

<https://paulbleisch.com/2013/01/03/simple-remote-controlled-arduino-tank/>

For Information on using the Ultrasonic sensor:

<https://howtomechatronics.com/tutorials/arduino/ultrasonic-sensor-hc-sr04/>

Servo help:

On the motor shield (adafruit v1.2) there is six header pins on the upper-left side of the motor shield. This pins are specifically used by servos. The left pins are ground pins and the middle pins are power pins. If you bought the servo from my Bill of Materials, simply insert brown, red, yellow in that order.

