

Right Servo:

Orange: blue to power
Brown: black to ground
Yellow: white to pin 8

Reed switch:

White: Ground
White: Pin 4

Pi:
Orange: red to pin 11 GPIO15
Red: ground
Brown: A1 on level shifter - GPIO14
Red/White: B4 on level shifter GPIO4
Black: Va on level shifter 3.3V

Level Shifter:
GND: ground
B1: Pin 7
VB: 5V
A1: GPIO14
B4: GPIO4
VA: 3.3V from pi