

## Connect the PCA9685 and Servo Motors

Function	Raspberry Pi	PCA9685	Servo
3.3 vdc power	Board pin 1	VCC (not v+) – red	
Ground	Board pin 6	GND – black	
SCL	Board pin 5, BCM 3	SCL – yellow	
SDA	Board pin 3, BCM 2	SDA – blue	
5 vdc	Not from GPIO; use a separate battery	V+ – red	
Servo VCC		Breakout red	VCC
Servo ground		Breakout brown	GND
Servo signal		Breakout yellow	Signal

