Connect the PCA9685 and Servo motors

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| **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 |

