

TROUBLESHOOTING

The servo doesn't move

Check the wiring on your servo. Make sure the red wire on the servo cord is connected to 5V, the black wire is connected to GND and the white signal wire is connected to digital pin 9.

The servo is twitching

Although these servos are supposed to move from 0 to 180 degrees, sometimes sending them to the extremes of their range causes them to twitch (the servo is trying to move farther than it can). Make sure you aren't telling the servo to move outside of the 20–160 degree range.

You've completed
Circuit 3A!

Continue to circuit 3B to learn about using distance sensors.

SERVO MOTORS

DISTANCE SENSOR

MOTION ALARM

