

Servo Driver Construction

Check that you have the correct components. These are:

1. NE555 Integrated Circuit
2. IC socket for the NE555
3. Capacitor x 2 (C1 and C2)
4. Capacitor (C3)
5. Trimpots x 2 (Pot A and B)
6. Diode (D1)
7. Resistor 510k (R1)
8. Resistor 22k (R2)
9. Pin Header (3) for Servo
10. Pin Header (2) for power if required.

Solder the components in place as per diagram 1 below. Be careful to orientate the diode (D1) and the IC correctly.

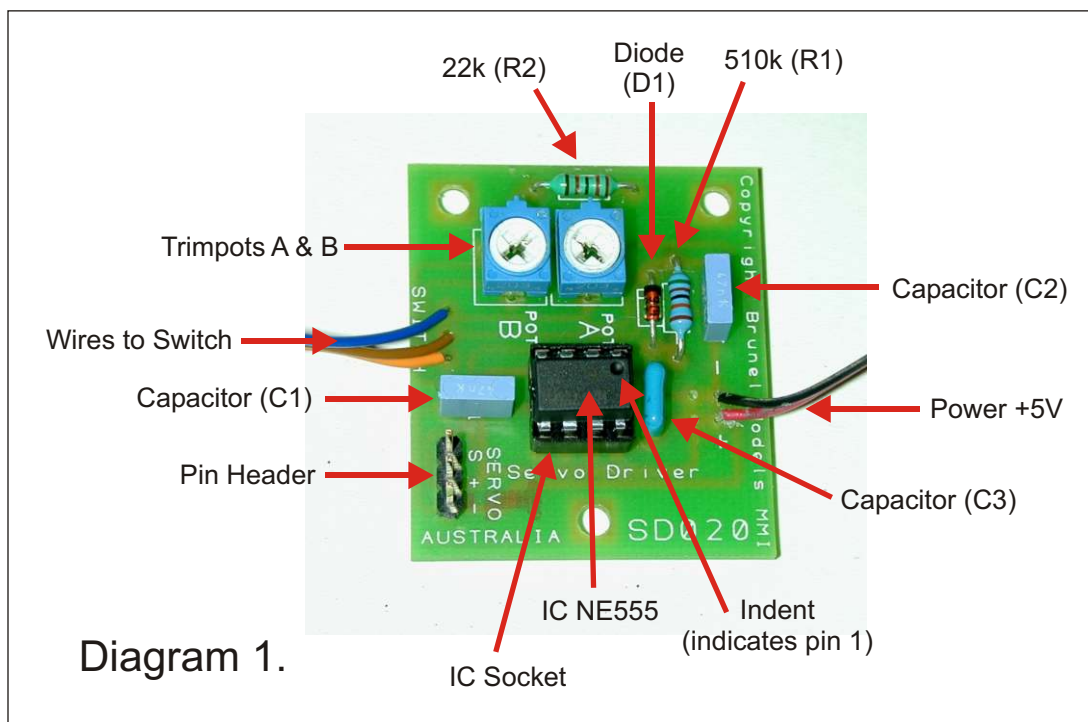


Diagram 2 shows the servo correctly plugged onto the pin header - you need to be careful that the signal wire (usually white or yellow) is plugged onto the pin marked "S" on the PCB.

If you are using a standard "double pole double throw" or "single pole double throw" switch to control the servo then the centre wire from the three holes labelled "switch" on the PCB should be wired to the centre connector on the switch. In diagram 2 this is the brown wire. Power should be wired preferably using a red wire for +ve and a black wire for -ve as shown. You can also use the two pin headers and either solder onto them or use a socket like that used by the servo. This is available from Brunel Models.

