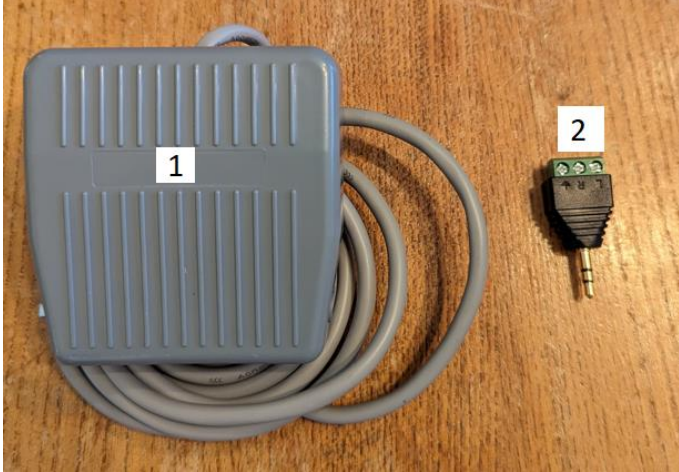


Foot Pedal Switch

ASSEMBLY GUIDE

Required Components

	<p>BOM</p> <ol style="list-style-type: none">1. Foot Pedal2. Terminal Jack
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Optional Components

- Plastic Pedal Bracket
- Metal Pedal Bracket
- Metal Switch Body

Required Tools

- Wire stripper
- Screwdriver

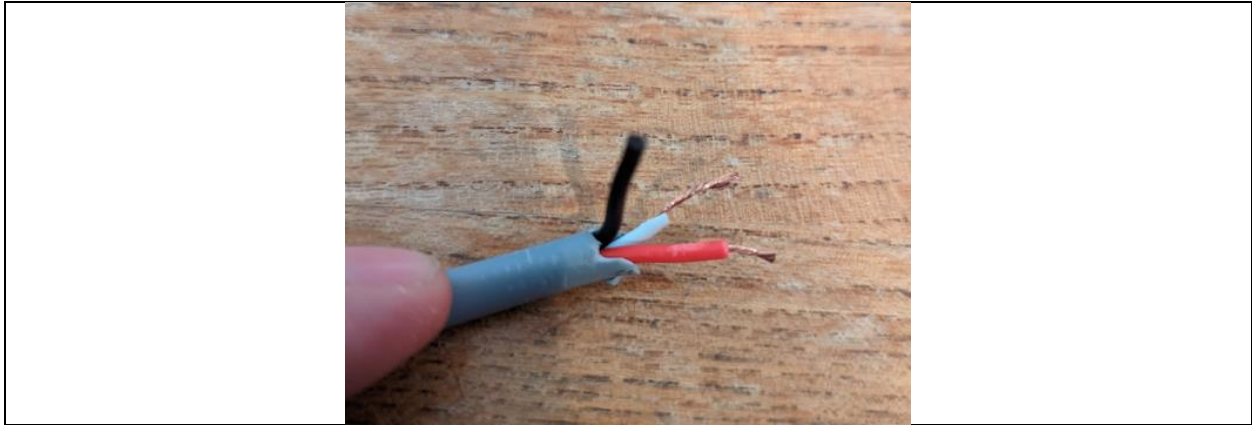
Foot Pedal Switch

ASSEMBLY GUIDE

Assembly Instructions

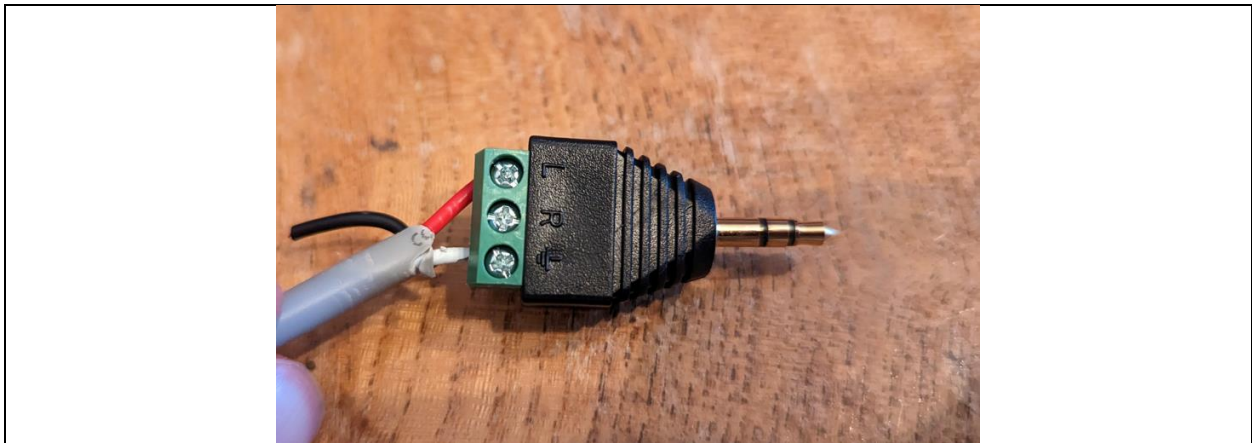
Step 1

Strip 1 cm from the end of the pedal wire. Strip 1cm from the white and red wire as well; leave the black wire unstripped. If using the metal foot pedal, this step is the same, strip the white and red wires.



Step 2

Connect the white wire to the ground terminal on the jack, and the red wire to the L terminal on the jack. This creates a switch that is activated when the pedal is pressed. Connecting the black wire to the L terminal instead creates a switch that is always active and is deactivated when the switch is pressed. When using the metal foot pedal switch, the instructions are the same, with the white wire to the ground (right) terminal and red wire to the L (left) terminal.



Foot Pedal Switch

ASSEMBLY GUIDE

Step 3 (Optional)

If using the plastic pedal bracket, remove the two screws and the four rubber feet on the bottom of the switch. The rubber feet can be removed by pulling, they are only held in place by an adhesive. Fit the bracket in place with the counterbored screw holes facing away from the switch, matching the orientation of the screws. Replace the two screws removed earlier, fastening the bracket in place. The bracket can now be screwed to a surface to hold the switch in place.

If using the metal pedal bracket, use a screwdriver to remove the feet of the pedal, and set aside the screws. Line up the bracket with the screw holes for the foot pedal and screw it into place using the screws from the feet. The bracket should only fit one way, since the screw sticking out the base only allows the bracket to fit when the hole on the bracket is aligned to the screw on the base. After the four base screws are secured, the bracket can now be screwed to a surface to hold the switch in place.

Testing

Connect the 3.5mm jack to a switch tester or switch adapted toy and press the pedal.

Constantly On

If the switch is constantly on, check that there are not any shorts between the wires, and that they are screwed into the correct terminal blocks in the jack. The normally open wire should be screwed into the L terminal, and the common wire should be connected to the ground terminal. Check step 2 for the correct wiring for both the plastic and metal switches.

Constantly Off

If the switch does not turn on, check there are wires connected to the ground and L terminal on the jack. Check that the common wire is connected to the ground, and the normally open wire is connected to the L instead of both the normally closed and normally open wire both connected to the terminal. Check step 2 for the correct wiring for both the plastic and metal switches.

Inverted

If the switch is normally on, but turns off when the switch is activated, check that the normally open wire is connected to the L terminal, instead of the normally closed wire. Check step 2 for the correct wiring for both the plastic and metal switches.