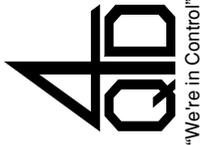
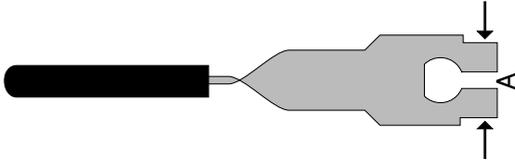


Lever fixing

The lever is fixed onto the pot by squeezing together with a pair of pliers at the points marked with the arrows, right.

To remove a lever, gently prize open the clamp by inserting a screwdriver or similar tool in the gap, A in the diagram, right.



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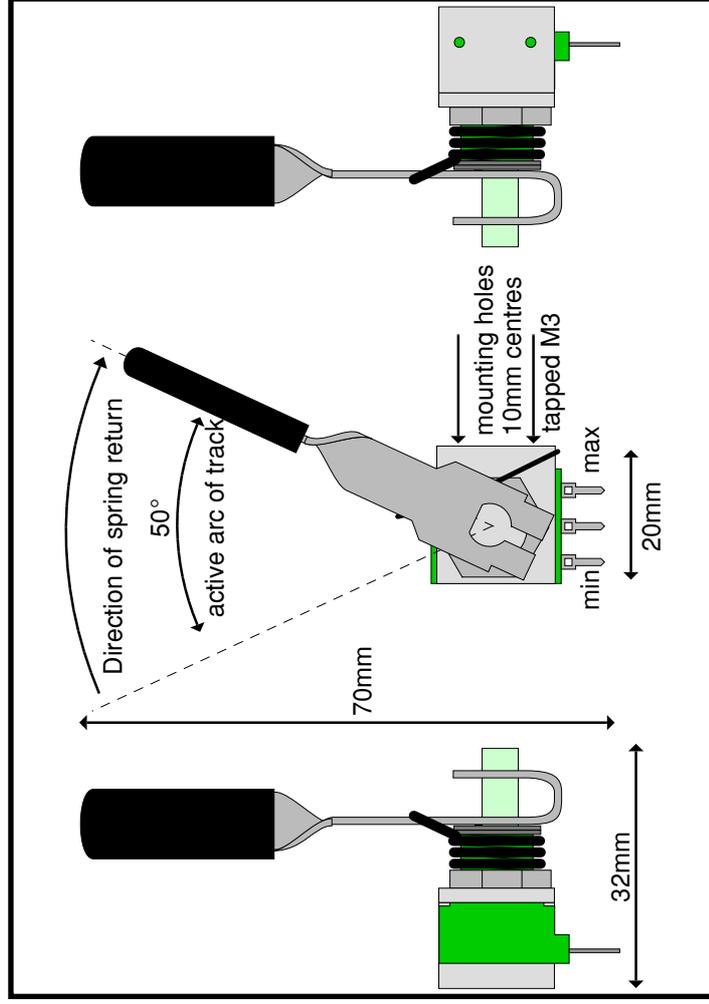
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Instructions

Bell throttle pot and assembly



The throttle assembly is available either naked (i.e. as an unboxed assembly, shown in the drawing, above) or boxed.

The throttle is available with a left or right handed return action.

The basic 50° pot is also available separately.

The drawing above shows the right handed option.

The left handed option is identical except that the lever returns to the left rather than the right, so the max and min connections must be reversed.



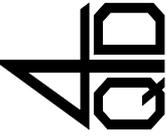
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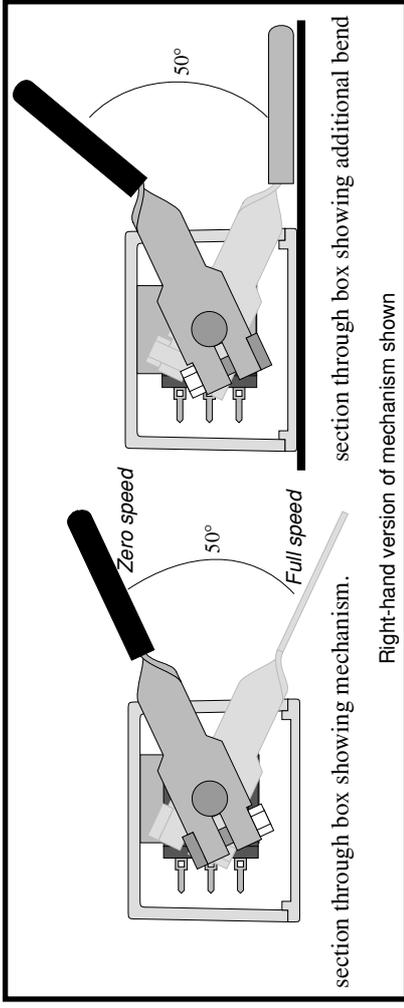
Mounting

When the naked assembly is mounted, the housing should limit the travel of the lever.

The mechanical travel of the lever is $\pm 120^\circ$ but the 95° either side of the 50° arc indicated have no electrical effect.

The electrically active part of the track is a 50° arc centred, as shown, opposite the tags.

Active travel is $\pm 25^\circ$ of centre: centre point is with the flat opposite the centre solder tag.



Left-hand spring

Right-hand spring

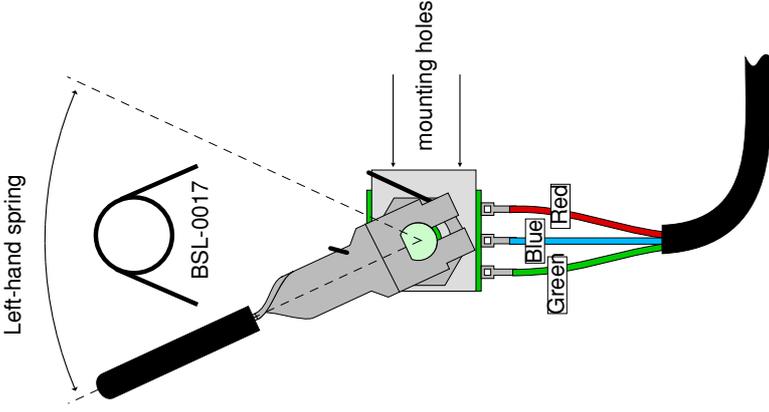
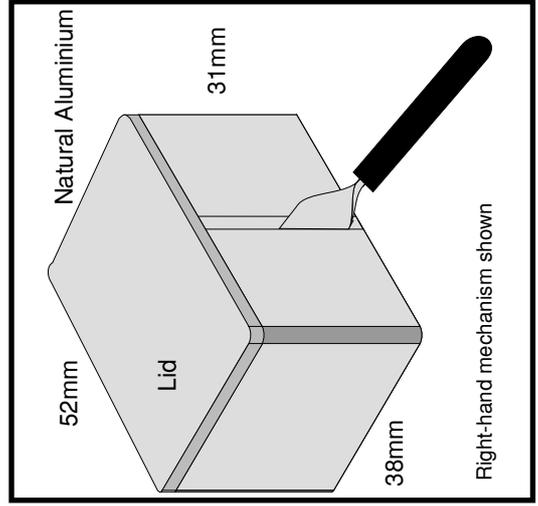
Mounting, boxed unit

¶ The boxed unit (right) can be mounted for left or right handed operation.

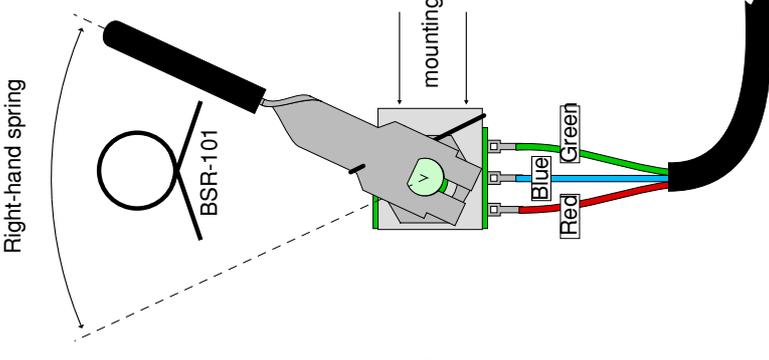
¶ The lever can be pulled or pushed, depending on mounting position.

¶ It is also possible to bend the lever tip so it can be squeezed against a surface as in the second drawing right.

¶ Because of the unit's flexibility of mounting, mounting holes are not provided in the standard boxed version, nor is a hole provided for the connecting lead. The user should drill these where required.



BNL-103
BNL-103A
BBL-303
BBL-300
BCL-333



BNR-203
BNR-203A
BBR-403
BBR-400
BCR-433

Connections & Soldering

Max and min to the commonly available assemblies are shown above.

Important

Do not solder to more than the thin portion of the tag: the hole in the fat portion is a heat isolator since if you overheat this part of the tag the plastic of the pot will soften and the connection to the track will be damaged.

Water proofing

The throttle assembly is likely to be used in situations where it could get wet. Although it is always best to keep water out of mechanical assemblies, there is little in the assembly which will be damaged by water. The pot is quite well sealed and water is unlikely to penetrate the mechanism. It is obviously impractical to waterproof the slot. If there is danger of water getting into the box, drill a drainage hole at the lowest point for water to escape.