


Tips for the assembly:

1. Drill hole for

- ① M6.0
- ② M6.0
- ③ M1.5 (tongues) / M3.0 (screw)
- ④ M3.0
- ⑤ M1.5
- ⑥ M1.5

2. Before soldering, carefully disconnect the sockets ⑥ from their plastic box. Insert one third of the socket into the drilled hole. Wrap the part sticking out once with copper wire, then solder. After soldering, gently push the socket into the board.

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Title Experimentierbrett zur Elektrizitätslehre	Item description Experimentierbrett für einfache elektrische Schaltungen, einschließlich Reihen- und Parallelschaltung von Verbrauchern und Spannungsquellen	Parts list <table border="1"> <thead> <tr> <th>Pos.</th> <th>Amt.</th> <th>Part number</th> <th>Notes</th> </tr> </thead> <tbody> <tr> <td>①</td> <td>1</td> <td>930176-100</td> <td>Banana socket BIL 20, black</td> </tr> <tr> <td>②</td> <td>1</td> <td>930176-101</td> <td>Banana socket BIL 20, red</td> </tr> <tr> <td>③</td> <td>4</td> <td>Keystone THM Clip P/N 82</td> <td>Battery clip for mignon AA</td> </tr> <tr> <td>④</td> <td>2</td> <td>Barthelme 00419012 ES1014</td> <td>Lightbulb socket for E10</td> </tr> <tr> <td>⑤</td> <td>2</td> <td>80-1353-01</td> <td>Soldering nail</td> </tr> <tr> <td>⑥</td> <td>1 8</td> <td>MM801-99-001-10-012000</td> <td>1-pin SIP socket, long insulat.</td> </tr> <tr> <td>⑦</td> <td>/</td> <td>/</td> <td>Copper wire, Ø0.5mm</td> </tr> </tbody> </table>	Pos.	Amt.	Part number	Notes	①	1	930176-100	Banana socket BIL 20, black	②	1	930176-101	Banana socket BIL 20, red	③	4	Keystone THM Clip P/N 82	Battery clip for mignon AA	④	2	Barthelme 00419012 ES1014	Lightbulb socket for E10	⑤	2	80-1353-01	Soldering nail	⑥	1 8	MM801-99-001-10-012000	1-pin SIP socket, long insulat.	⑦	/	/	Copper wire, Ø0.5mm	Revisions A: built on drilled prototyping board without copper solder pads B: re-designed on medium-density fibreboard (MDF) C: sockets countersunk into the MDF, copper wire soldered to sockets; soldering nails added for connection to resistors or further consumer loads (like, e.g., LEDs)
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