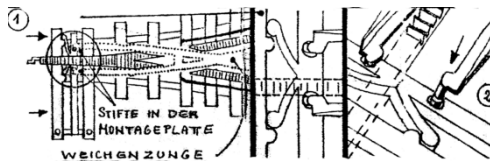
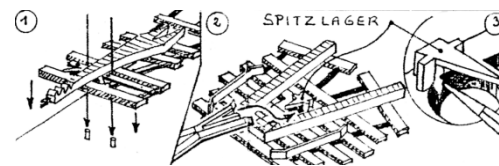
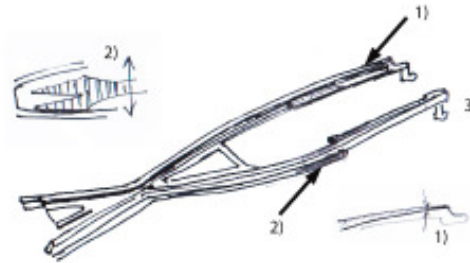
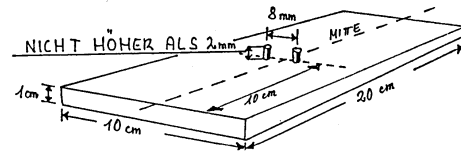
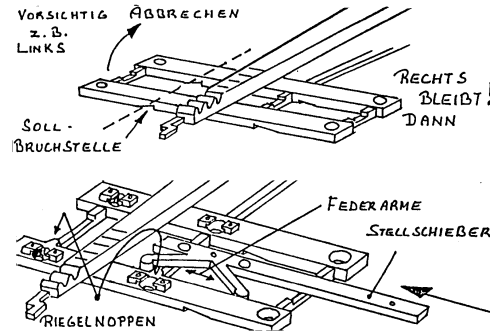


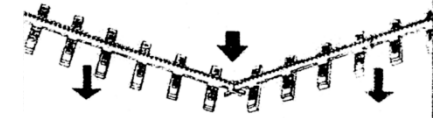
IMPORTANT! Please assemble the switch according to these instructions. The points/switches will work properly if the work is done accurately. Please separate all brass parts from their trees and clean them thoroughly from all obstructions.

- At first, choose the side on which the switch mechanism will be fitted (left or right side). The sleepers on the other side can now be removed (break off at scribed line).
- The „Stellschieber“ = actuator is inserted (see dwg.) between the remaining long sleepers. Lift the spring arms with tweezers over the locking pimples to avoid breakage. If you plan to use electric motors to set the switches, please remove the locking pimples carefully with a sharp scalpel.
- Before you continue the assembly work, make a jig: Materials required: wooden board 10cm x 20cm and 1 cm thick, 2 small nails, 10 mm long (without head). Hammer down the nails at the locations indicated on the drawing.
- Due to the casting all the brass parts are a little different, so please fit the tongue to base plate to assure the optimal functionality of the switch. The tips of the tongue (1) have to be filed on both sides, inside and outside to fine points to minimize the step to the rails. The sides of the tongue (2) might be too wide, so to give the brass part more freedom remove some material both sides, inside and outside. Possibly the holders (3) on the front need to be adjusted a little bit to ease the insertion into the base late
- The base plate is now put on the jig as shown in dwg.1 the tongue (point blade) is inserted as shown in dwg. 2 Remove excess material with a fine blade, if necessary.
- The base plate is now pushed backwards with a little pressure until the pins on the tongue are over the holes in the actuator. Push one pin in the hole, using tweezers, the move the actuator over the pimples to the right: the second tongue pin should snap into the hole: dwg. 2



- The three sections of sleepers with rack are now clipped to the base. You can also join a second switch to the first one; in this case the rails must be shortened appropriately.
- The 4 pieces of rails are filed at one end as shown in dwg. 1 to facilitate insertion. They are now inserted in the rails; the two long ones on the outside, the short ones inside (2). The switch is now ready for operation.
- Assembly of the switch throw: Remove the burrs on all brass parts with a fine file. Press together the two halves of the switch throw block and check holes with a 0.8 mm drill.
- Enlarge the hole in the deflector (1) with a 0.8 mm drill and cut it from the stem. Then join the deflector to the setting lever (2) using glue or solder with minimum tin/lead.
- The setting lever and the lantern column are placed in one half of the switch throw block. Put a very small drop of two-component glue on the three spots indicated by a dot on the dwg., put the second half block in place, clamp together and let the glue cure thoroughly. Check movability of inner parts.
- The switch throw is now inserted in the holes provided. **ATTENTION:** observe direction for left- or right side operation as shown on drawing. The setting lever is inserted in the hole on the actuator. Setting lever should look inwards), (put some glue in the hole before).
- If motorized switch operation is planned, a hole should be drilled into the actuator in the appropriate place. Do NOT use the hole already in the actuator under the rack (switch motor wire may get stuck).

① Wie GELEIST EINHAKEN



UND BEIDSEITIG NACH UNTEN DRÜCKEN

