

Single Handle Pressure Balanced Tub & Shower Faucet, Shower Only

This exploded view diagram illustrates the assembly of a mechanical device, likely a water tap or faucet. The components are numbered 1 through 31. The assembly is organized into several main sections:

- Top Section:** A long, rectangular handle (3) is shown at the top. It is connected to a square mounting plate (2) via a pin (1). Below the handle, a series of small, circular components (4, 5, 6) are stacked vertically, representing a seal or O-ring assembly.
- Base Section:** A large, square, flat base plate (7) is shown at the bottom left. It features a central square mounting hole. A small, square, flanged component (8) is positioned directly below the center of the base plate, aligned with the mounting hole.
- Internal Mechanism Section:** A series of components (9, 10, 11, 12) are shown below the base plate, representing the internal valve or cartridge assembly. These components are connected to a central shaft (13) that passes through the base plate. A circular seal or O-ring (14) is positioned between the base plate and the internal mechanism.
- Cartridge and Lever Section:** A cylindrical cartridge (15) is shown below the internal mechanism. It is connected to a lever (16) via a pin (17). The lever is shown in two positions, indicating its range of motion. A small, circular component (18) is positioned between the lever and the cartridge.
- Mounting and Fastening Section:** A series of components (19, 20, 21, 22, 23, 24, 25) are shown below the lever, representing the mounting bracket and fasteners. These components are connected to a larger, rectangular mounting plate (26) via a series of pins (27, 28, 29, 30). A small, circular component (31) is positioned between the mounting plate and the lever.

The diagram uses dashed lines to indicate the alignment and assembly sequence of the various components.