

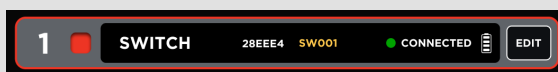
The SafeSwitch allows technicians to remotely switch pump positions on Liebherr Excavators using the MultiTool Pro when doing Hydraulic Tune Ups.

1. Bluetooth Connection

Disconnect from charging case and press the power button to turn on. The Power LED will begin flashing **blue**.



Tap on the channel with the corresponding 6-digit serial number to connect.

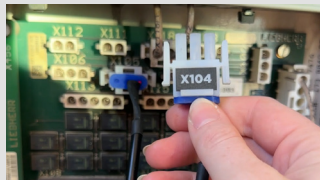


If no channel has the serial number programmed, tap 'edit' then tap 'serial number' and select the SafeSwitch serial from the list.

The Power LED should flash **green** when connected.

2. Machine Connection

Plug the X104 and X105 connectors into their corresponding terminals in the E1005 cabinet of the excavator.



Mount the box to the cabinet with the magnetic backing plate.



Important Notes:

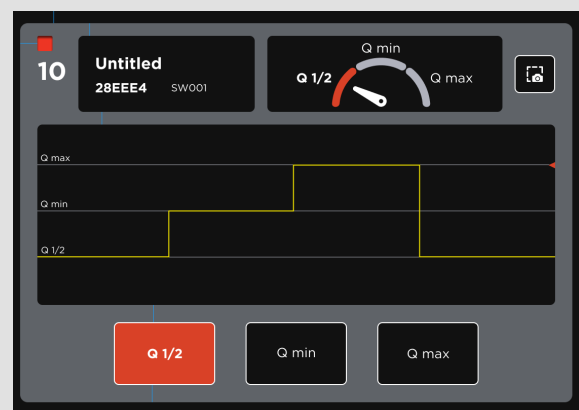
- The device position can only be changed from the MultiTool Pro. There is no button on the SafeSwitch itself to change the position.
- When the power is off or when the battery runs out, the device will switch to Qmin position.

3. Switching



To begin, tap 'Start Test'

On the Test Page of the MultiTool Pro, tap on the Q 1/2, Q min and Q max buttons to switch between pump positions.



The SafeSwitch will indicate what position it is in with a green LED next to its current position.

Kits

We recommend using the SafeSwitch with 4 or 8 Pressure Transducers as a complete solution for the tune up process.

8 Channel Kit Includes:

- 1x Charging Case
- 1x MultiTool Pro
- 1x SafeSwitch
- 8x Pressure Transducers
- 8x Stauff Test 20 Couplings



If you have any questions or concerns with the usability of SafeGauge products, please don't hesitate to reach out to us on 1300 222 392. We appreciate your feedback to help improve our products and our customers satisfaction and safety when completing live work.