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**HIGH VOLTAGE TEST OF POWER TOOLS AFTER SERVICE REPAIR**

All armatures and field coils for reserve parts are previously put under high voltage test. In normal conditions of warehousing, original spare parts don’t have to be put under additional tests.

IMPORTANT: After each service repair a high voltage test of the whole power tool must be performed.

High voltage test is made with alternating current with 50Hz sinusodial shape frequency, which we put, with the switch button on, in between:

* The plug-in with whom are connected parts of electrical powercircle and
* Outside metal parts, which could be touched (drilling shaft, metalhousing, screws…) or tin foil, which we use to cover outside surfaces of power tools.

Values for testing power tools class II – with double isolation (standard EN 50144-1):

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| --- | --- |
| Testing voltage | 2500 (V) |
| Maximum allowed current | 5 (mA) |
| Duration of test | 3 (s) |