

## Special tool

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### Function

Approved garages know very well that their mechanics can only work safely, quickly and accurately if they have good quality tools at their disposal. Good quality tools are essential if an expert is to complete professional repair work quickly.

Drivers save money and can rely on the quality of the repairs carried out. Without good quality special tools which are designed specifically for the task at hand, it is virtually impossible for garages to carry out work in the correct and proper way. As well as working in a highly professional way, garages make use of many different high-quality tools, garage vehicles and fixtures which complement and supplement the skills and abilities of their mechanics.

High-quality work relies as much on the installation of high-quality spare parts as it does on the use of top-quality tools that can be relied upon at all times. Unceasing advancements in technology over the years, which have seen vehicles become ever more sophisticated, require the use of numerous special tools which can function as the "right problem-solver" for the task at hand. These tools provide motor mechanics with the means to get to and get into installation locations where angles are tight and space is at an absolute premium, so that screw joints can be disconnected and components can be removed and subsequently re-assembled correctly. Special tools thus save valuable time and thus directly reduce the prices garage customers have to pay for repair or inspection work.

Leading tool designers and manufacturers working in the automotive industry are often involved in the design and development of new vehicles. They are thus able to develop special tools for possible repair work at a very early stage. Component manufacturers too are aware of the significance of high-quality tools and are working very closely with tool manufacturers in the field of complex repairs in particular, where special tools are the order of the day.

### Special tool torque wrenches

80% of all screw joints in modern cars have precisely defined torque specifications. Consequently, torque accuracy is more important than ever. Professional garages can no longer get by with a traditional hammer, pliers or "knocking". In an age of certified DIN/ISO garages, torque wrenches are high-precision measuring instruments. Regular calibration of these instruments means that they can be relied upon by the user when tightening screw joints. As a result, from a technical point of view, drivers have the assurance of "good and safe driving" on the road.

## Summary:

Garages must continuously invest in good quality professional tools and regular CPD for their mechanics in all of the different areas of car repair and maintenance. There is also a need for investment in ongoing training in the latest repair methods. Modern mechatronics engineers are thus becoming "car surgeons" with whom you can be sure your car will always be "in the best hands".

## Bilder

### Hersteller



GKN\_EN



Herth+Buss



Kolbenschmidt



Pierburg



Delphi\_EN



CORTECO\_EN



Valeo\_EN



Continental



SKF\_EN



Magneti Marelli\_EN



TMD Friction

Quelle:

<http://www.my-cardictionary.com><https://www.my-cardictionary.com/cardictionary/electric/products/special-tool.html>