

**Change TPMS valves the right way.**

- **KS Tools tyre pressure monitoring system set for correct TPMS replacement - with all service parts**
- **Fulfil all statutory requirements with confidence**
- **Set includes fully-fledged torque wrench**

More and more vehicles with a tyre pressure monitoring system (TPMS) are on the road. From November 2014, all new vehicles must be fitted with a TPMS. When a tyre change is pending or a TPMS sensor fails, the garage professional needs the right tool and the correct service parts. Tool specialist KS Tools has now put together a practical kit for this. With it, changing the tyre pressure monitoring sensors is achieved complete and without problems. That's because during a tyre change, the mechanic must also replace the valve insert and rubber seals of the TPMS sensor. The TPMS tyre pressure monitoring system set from KS Tools contains everything needed for the maintenance and exchange of wheels with TPMS. Also included: a fully fledged torque wrench particularly suited for this service. The KS Tools product number is 100.1180.

Since November 2012, an EU Directive specifies tyre pressure monitoring systems for all new homologated vehicles. From November 2014 only new cars with TPMS may still be sold. Which is why mechanics will have increasingly more to do with the sensors. In so doing, they must above all bear in mind that they also replace the service parts.

„Whoever works with TPMS sensors can do a lot wrong“, says Ralf Oehmig, Product Manager at KS Tools. „Because the sensors are very delicate and should be fitted without fail to specification.“

Otherwise damage can easily be caused and the driver receives a fault message. When changing a sensor, the seals, valve insert and fastenings must also be replaced without fail or else the sensor can rapidly create problems. Expert replacement must in any case be carried out using the correct torque.

The tool set from KS Tools therefore contains a universally applicable Ergotorque precision 1/4 inch drive torque wrench which also converts to 3/8 inch drive. Likewise included: one valve screw-in torque tool each for rubber and for metal sealing valves in addition to a valve screwdriver.

The valve screwdriver is double-ended. One end is suitable for short valve inserts and the other for long inserts and EM valve inserts such as used on larger vehicles. Changing valves with TPMS sensors depends on particularly precise and careful work. Anyone using the TPMS tyre pressure monitoring system set from KS Tools correctly will preserve the delicate thread and ensure optimum sealing during fitting. By the same token, the expert application of these precision fit tools damages neither the monitoring sensor nor the rim. Hence the use of the right tool makes for a satisfied customer.

The TPMS tyre pressure monitoring system set from KS Tools contains the following parts: Ergotorque precision torque wrench, 1/4 inch drive, 1-25 Nm; 2 valve screw-in torque tools; double-ended valve screwdriver; 1/4 inch square spinner handle; 1/4" chrome+ hexagon sockets A/F 10+11; 1/4" Chrome+ bit sockets TX15+20.