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| **Z & Z Sales, LLC****Automotive Equipment & Supplies****402-606-9273 zzsalesne@gmail.com****www.zzsalesne.com** | **TPMS 101**Things You Need to Know About TPMS**Facts & FAQS** |

Q – How many frequencies are there?

**A – Two – 315 & 433 MHz**

Q – Why should I use my TPMS tool on every vehicle that enters my shop?

**A – 1) To protect yourself. Know if all of the sensors are reading properly before you create a liability situation**

**A – 2) To sell your customers sensor(s) if they need them**

Q – How many types of aftermarket sensors are there?

**A – 3 – Programmable, Multi-Protocol & Direct Replacement OE**

**Programmable are blank & need to be programmed with a TPMS tool**

**Multi-Protocol send out many signals & link up with that vehicle’s system – no programming needed**

**Direct Replacement OE is pre-programmed with one code for a specific vehicle**

Q – What is the best brand of aftermarket sensor?

**A – Several brand name options are available from Z & Z Sales – U-Pro, Alligator, Schrader, Dill, Autel, Smart**

**Matching sensors to your TPMS tool so you can program them & finding a sensor with the most coverage is most important. Also, does it come with options for both rubber & metal stems? Obviously cost is important as well.**

Q – Which TPMS tool is best?

**A – There are a few major brands (Ateq & Bartec) that manufacture many of the other tools. Finding a TPMS tool to fit your needs is most important, as some have free updates, can do many brands of sensors or offer other diagnostics. Many companies offer a TPMS tool that will only program their sensors, which is fine if you limit yourself to that. Do research or consult with Al before buying a TPMS tool so you know your options.**

Q – How do I find information on relearning a vehicle’s TPMS system?

**A – One of the best options is Bartecusa.com & download their TPMS desktop for information**

Q – When should I replace TPMS rubber valves or pieces to the metal valve stems?

**A – You should replace a rubber stem every time you put new tires, similar to regular rubber stems.**

**You can remove the sensor before doing tire work so you don’t break it. With the metal stems, accessory**

**kits are available that include a cap, valve core, grommet & sleeve. The core & rubber grommet should be**

**replaced every time the tire is removed from the wheel. Be sure to check metal valve grommets for leaks**

**if a tire is losing pressure & replace if needed. Cores have a special coating that can scratch off & “freeze”**

**inside the stem if not replaced every time it is removed. Not using a TPMS metal cap can also cause “freezing”.**

**There is now a universal TPMS accessory kit available that covers most applications.**

Q – How do I know when to use the OBD II cable to relearn the vehicle?

**A – On vehicles that require transmitting data thru OBD II, the TPMS tool will prompt you to hook up the**

**OBD II cable when it is time to transmit.**

These are questions I get frequently. If you have a question I have not answered, please email me at zzsalesne@gmail.com & I will provide an answer asap.