Pics Tread Depth Measurement (PTDM) Next Smartdiag Features

Philippe Lefaure

LDL TECHNOLOGY

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Pics Tread Depth Measurement (PTDM)
Next Smartdiag features

Smartdiag tool, developed by LDL TECHNOLOGY, offers wireless functionalities such as tire pressure measurement, temperature and RFID R/W. To these current features a new one will be added: tread depth measurement using Mobile camera.

Tire tread depth is an important part of the vehicle maintenance because it has a strong influence on braking performances. Measuring it is an effective way to control tire grip, wheels alignment to ensure vehicle safety. As different ways exist to control tire tread depth, analyzing tire surface picture done by Smartdiag is a simple, quick and cost-effective solution to do it.

Indeed, the wireless device, combined with TPMS sensors in the wheels, provide a complete tire data package with:

- tire pressure and temperature in real time
- unique ID number contained in the RFID
- tread depth of each tire groove

Smartdiag Process

Through picture data analysis, Smartdiag new feature will ensure accurate and repeatable measurements, even if the tire is wet or dirty in one shot decreasing checking time by 3. This multiple points of measurements in One time allow to determine if there is an abnormal depth or alignment wheel problems.

Diagnosis