



www.vdo.co.uk

Everything for your perfect tyre service.

VDO original replacement parts and tools
for tyre pressure monitoring systems.

VDO

Shape your future

With our products and services in vehicle electronics and mechatronics we are interfacing with tomorrow's world. It is precisely these product areas where the potential for the future of the automotive industry lies, along with the

As an innovative, committed company with extraordinary technological expertise, we supply the market worldwide with ambitious, original VDO quality solutions. For us, the order of the day is to be a step ahead of the others and to create automotive mobility in a safe, convenient and sustainable way, as that is the competitive advantage that ensures the future of our partners.

As part of the automotive sector of the Continental Group, and with our comprehensive distribution network and our extensive, futuristic range of products, we are perfectly set up to meet any current and future demands. For us, it is always the wishes of our partners that have priority.

Our powers of innovation and quality as an original equipment manufacturer are available to you in our range of replacement parts – in our vehicle diagnostics, in our fuel systems, in our engine actuators and in our sensors. This is how we guarantee your long-term success in the automotive world of tomorrow.



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TPMS – huge profit opportunities thanks to EU demand.

Tyre Pressure Monitoring Systems (TPMS) are highly effective security systems with innovative advantages. It alerts the driver when the pressure of a tyre (when moving) falls 20% below the normal value.

Sensors monitoring each tyre is an effective, innovative way of considerably improving a vehicle's braking distance and handling, lowering fuel consumption and CO2 emissions, as well as reducing tyre wear.

TPMS became a mandatory fitment on new registered vehicles after November 2014. It also became part of the annual MOT in January 2015, making a faulty TPMS or a vehicle displaying its TPMS dashboard light an automatic fail.

With millions of vehicles now fitted with TPMS, the demand to replace and repair TPMS sensors is rising at a significant rate, resulting in huge revenue and profit opportunities for tyre specialists and MOT centres.

VDO takes the pressure out of tyre changes.

As a brand of leading international tyre specialist Continental, VDO provides you with everything you need for all service activities in the tyre pressure monitoring field.

Consequently, VDO can supply model-specific original sensors, service kits, valve stems, assembly tools and service equipment.

Significant rise in MOT fails

According to tyre safety charity Tyresafe, over 23,000 vehicles failed the MOT due to TPMS defects in 2016, compared with a little over 7,000 in 2015. An enormous rise of 212%



Everything under control – with VDO tyre pressure monitoring sensors.

Our VDO valve-based sensors are mounted inside each tyre to measure the tyre pressure and temperature directly at the valve. The sensors will then send this data wirelessly to the vehicle's ECU to alert the driver if any abnormal air pressure falls in one or more of the vehicle's tyres.

OE engineered and validated to deliver OE fit, function and reliability for a broad range of vehicles.



Type 1B TPM sensor (Clamp-in).



Type 1C TPM sensor (Clamp-in).



Type 1D TPM sensor (Snap-in).

Technical data	Type 1B (Clamp-in)	Type 1C (Clamp-in)	Type 1D (Snap-in)
Frequency	433 MHz		
Programming	pre-programmed		
Service life	5 - 7 years		
Rim compatibility	Aluminium & steel		
Fitting position	Valve hole in rim		
Material (valve)	Aluminium	Aluminium	Rubber
Colour (valve)	Silver	Silver	Black
Replaceable valve stem	no	yes	yes
Torque of valve insert	0.4 Nm	0.4 Nm	-
Torque of union nut	8 Nm	8 Nm	-
Weight of sensor	45 g	37 g	24 g
Top speed	250 km/h	250 km/h	200 km/h
Operating temperature	-40 to 120 °C		
Pressure range	up to 450 or 900 kPa depending on application		

See full OE sensor application list on www.vdo.co.uk

Perfectly-matched replacement parts for perfect service.

We can supply you with everything you need for servicing tyres equipped with tyre pressure monitoring sensors.

Our portfolio includes not only the sensors but also the corresponding service kits, consisting of mounting nut, valve insert, seal, seal washer and valve cap. For service activities at the tyre, the replacement parts portfolio is rounded off by valve stems for the sensor designs TG1C (Clamp-in) and TG1D (Snap-in).



Service kit: valve insert, mounting nut, seal, seal washer and valve cap.



Valve stem for sensor type 1C.



Valve stem for sensor type 1D.



Tips and tricks

Whereas sensor units only have to be replaced if they are damaged or no longer work, service parts should be checked and replaced whenever a tyre is changed.

VDO TPMS Pro – Convenient & efficient.

The VDO TPMS Pro simplifies the inspection of tyre pressure monitoring systems (TPMS) during tyre changes and the annual MOT.

Thanks to its state-of-the-art technology, TPMS sensors can be read, checked and programmed for a variety of manufacturers.

Newly programmed sensors are imported into the TPMS Pro via an OBD-II connection and then taught to the vehicle. Errors in the sensors are read and deleted.

A high-resolution, easy-to-navigate 4.3" colour screen enables TPMS jobs to be completed efficiently.

Frequent updates guarantees the tool remains completely up-to-date with the latest TPMS sensors and vehicles. One year of free updates is included with the option to extend thanks to our Update Plus service.



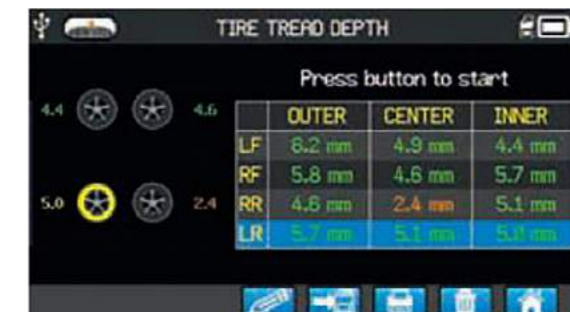
Intuitive Icon-based Navigation



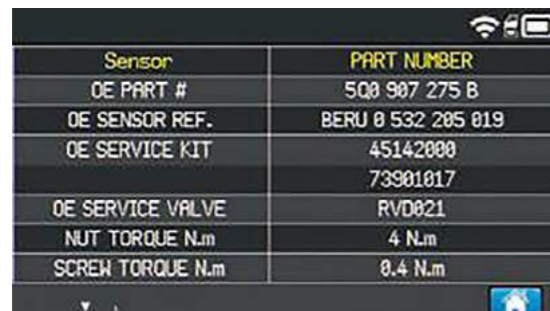
Help & Training



Optional Tyre Tread Gauge



Green, yellow and red colour codes indicates wear against the threshold



Integrated Part Number Look-up



Program Aftermarket Sensors



TPMS Sensor Intelligence



TPMS Service History



Exceptional and practical: VDO TPMS Pro Print.

When you use the TPMS Pro with the optional printer and docking station, you can print results of the diagnosis quickly and easily. The relevant data is sent to the docking station's built-in printer via an infrared connection.

An ideal solution for the mobile tyre fitter.



Watch it in action here

Order Numbers

VDO TPMS Pro
A2C59506457

Tyre tread gauge
2910002058200

VDO TPMS Pro Print
A2C59506643

Update Plus
A2C59506953

VDO TPMS Go – Low cost, robust & easy to use

The VDO TPMS Go is a programming tool that offers functionality and flexibility at an affordable price.

The user-friendly navigation and easy-to-read 2.8" screen with adjustable backlight enables efficient work.

With its robust housing and long-lasting battery, VDO TPMS Go is ideally suited for everyday workshop business and routine tasks in service companies.

Aftermarket sensors can be programmed quickly on each wheel. For relearning sensors, use VDO TPMS Go in conjunction with a diagnostic scan tool or follow the TPMS relearn procedures for automatic or manual relearning in the vehicle user manual.

Highlights

- Comprehensive make, model and year look-up
- Reads and activates all known TPMS sensors
- Displays TPMS sensor data (ID, tyre pressure, tyre temperature, battery status, frequency)
- Programs all leading aftermarket programmable sensors
- Make, model, year specific relearn procedures
- TPMS sensor part number look-up (OE and aftermarket)

Order Numbers

VDO TPMS Go
2910002037400

Update Plus
2910002043900



TPMS Tools Comparison



Functionality	Go	Pro
Easy Make-Model-Year look-up	✓	✓
Worldwide vehicle coverage, always up-to-date	✓	✓
Activates all OEM sensors, displays all sensor data	✓	✓
Programs universal sensors (configurable, hybrid, ID copy etc)	✓	✓
Provides TPMS relearn procedures in +22 languages (incl. indirect/direct)	✓	✓
Indicates OE sensor and service kit part numbers	✓	✓
Programs sensors from historical data	✗	✓
Programs sensors by wheel set	✗	✓
Includes OBDII routines to reset the ECU in <2 mins	✗	✓
Pictures indicate OBDII location in car	✗	✓
Displays TPMS data for up to 7 tyres in one screen	✗	✓
Retrieves and decodes TPMS DTC information	✗	✓
Stores up to 65k vehicle job data in one place	✗	✓
Hardware	Go	Pro
Robust design (drop tested up to 3 feet, liquid resistant)	✓	✓
Display	2.8" monochrome	4.3" LCD screen
Internal lithium-ion battery	✓	✓
SD card storage	✗	✓
Wi-Fi capable for PC synchronization	✗	✓
OBDII module	✗	✓
Accessories	Go	Pro
Tyre tread depth reader	✗	Optional
IR thermal printer	✗	Optional
Docking station	✗	Optional

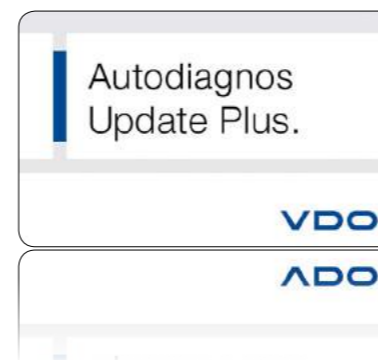




Always completely up-to-date with Update Plus.

Update Plus is the optimum software updating service. With Update Plus, you can ensure your VDO device is always equipped with the most recent software, such as the latest functions, innovations, code enhancements, performance, coverage and continued support.

If you do not wish to renew your software subscription after the updating period, your VDO device will continue to function at the basic operation of the currently installed version.

- Always up-to-date thanks to internet updates
- Simple, intuitive operation
- 12-months subscription
- Extension possible on request
- Activated quickly and securely



	Product	Description	Order number
	TPMS Pro / TPMS Pro Print	Optional after 1 year	A2C59506953
	TPMS Go	Optional after 2 years	2910002043900

* With Autodiagnos VCI only the diagnostic software can be used after the first year.



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