



tyresureTM | Complete TPMS Range

www.tyresure-tpms.com

About Tyresure



Tyresure Ltd is a leading TPMS specialist, offering a complete line of sensors, tools and accessories. Based in Leicestershire (UK), Tyresure's head office and logistical teams supply a comprehensive range of OE and aftermarket TPMS products to distributors on both a national and international level. Since opening in 2008, Tyresure's network of customers has grown as the demand for TPMS has increased (and as new legislation has been introduced across Europe), meaning that the business is now one of the largest providers of complete TPMS solutions in the UK. Tyresure also works closely with its many business partners, including sister-company and primary manufacturer of all Tyresure branded products, Hamaton - as well as diagnostic tool market-leaders, ATEQ - to ensure that the business continues to offer the most up-to-date solutions and technology, whilst providing first-class service and web-based technical support for customers at all times.

Product Range



Tyresure offers a complete line of OE and aftermarket TPMS sensors, including the universal T-Pro Hybrid sensor and direct one-to-one OE-R replacement sensors. Tyresure's product range also includes TPMS tools, valves, service parts and diagnostic tools, manufactured by market-leader, ATEQ. One of Tyresure's key competences is their web-based B2B e-commerce ordering platform, allowing tyre shops and distributors to correctly specify the required parts and view the essential TPMS relearn procedures.

T-Pro Hybrid 1.5

Tyresure's universal sensor, the T-Pro Hybrid 1.5, can be configured in seconds using Hamaton, ATEQ, Tecnomotor, Texa, Snap-On, BrainBee and ADE diagnostic tools. The T-Pro Hybrid 1.5 sensor boasts coverage of 99% of 2018 direct TPMS-enabled vehicles, including new vehicles for the European market. The sensor is equipped with an integrated memory chip to store complete and self-contained protocols, allowing limitless protocol additions for the future, and the enhanced auto-location functionality for LOS, WAL, PAL and SAL improves the relearn process on vehicles. The T-Pro Hybrid 1.5 is manufactured with a seven-year Maxell battery, the latest NXP chipset and a new lighter, stronger housing. It is designed for optimum compatibility with OE and aftermarket wheels, and the dual-valve case allows for independent replacement of the valve stem, with the ability to exchange between metal and rubber valves. The Clamp-In valve is also equipped with an alloy wheel protector, preventing the alloy wheel from damage during installation.

T-Pro Hybrid:

Clamp-In: [TYR-S367](#)

Snap-In: [TYR-S368](#)

Black Clamp-In: [TYR-S418](#)



OE-R

OE-R sensors are direct replacements for OE sensors. OE-R sensors work in the same way as OE sensors, and additional programming is not needed. The sensor can be fitted, and following the standard OE relearn procedure, it is fully functional. The OE-R sensor is designed for optimum compatibility with OE and aftermarket wheels, and the dual-valve case allows for independent replacement of the valve stem, with the ability to exchange between metal and rubber valves. The Clamp-In valve is also equipped with an alloy wheel protector, preventing the alloy wheel from damage during installation.

Frequency:

433MHz

Types:

Clamp-In
Snap-In



*The valve has a separate warranty of twenty-four (24) months - however if the tyre is removed, the valve must be serviced to uphold the warranty.

VT56



The VT56 with OBDII module is a fully updateable, universal TPMS diagnostic tool manufactured by market-leader, ATEQ. This robust tool configures all popular universal sensors, including all T-Pro sensors. The VT56 is designed to integrate and store all sensor data, and allows this data to be transferred to the vehicle via the OBDII connector. Frequent online updates ensure that new vehicles are introduced quickly, providing up-to-date coverage at all times. The VT56 displays all OE available sensor data including: ID, tyre pressure, tyre temperature and battery status. The tool offers additional functionality by providing indirect, manual, and auto relearn procedure information. Tyresure part numbers are displayed to help with identifying the correct part to replace. The tool comes with user-friendly navigation and command buttons, as well as an interface in multiple languages, shown on an easy to read 4,3" colour display. Included within the software are OBDII locations, a key fob RF tester, help screens and a complete history log of all vehicles serviced, which can be easily recalled at any point from the History menu.

Included:

- [OBDII Module](#)
- Ethernet Cable
- Robust Carry Case

Available Accessories:

- Printer and Cradle
- [Tyre Tread Depth Gauge](#)

P/N: [ATE-D001](#)

VT56 SE



The VT56 SE with OBDII module is the latest fully updateable diagnostic tool, manufactured by market-leader, ATEQ. A lite version of the VT56, the new VT56 SE is a streamlined edition of the tool - offering all of the essential functions required, at a lower cost. This robust tool configures all popular universal sensors, including all T-Pro sensors. The VT56 SE is designed to integrate and store all sensor data, and allows this data to be transferred to the vehicle via the OBDII socket. Frequent online updates ensure that new vehicles are introduced quickly, providing up-to-date coverage at all times. The VT56 SE displays all OE available sensor data including: ID, tyre pressure, tyre temperature and battery status. The tool offers additional functionality by providing indirect, manual, and auto relearn procedure information. Tyresure part numbers are displayed to help with identifying the correct part to replace. The tool comes with user-friendly navigation and command buttons, as well as an interface in multiple languages, shown on an easy to read 4,3" colour display. Included within the software are OBDII locations, a key fob RF tester, help screens and a complete history log of all vehicles serviced, which can be easily recalled at any point from the History menu.

Included:

- [OBDII Module](#)
- Robust Carry Case

Available Accessories:

- [Tyre Tread Depth Gauge](#)

P/N: [ATE-D056](#)

VT46

The VT46 is an upgradeable TPMS diagnostic tool manufactured by market leader, ATEQ. This robust tool configures T-Pro sensors within seconds, as well as OE, aftermarket, configurable and programmable sensors from Schrader, HUF, and Alligator. Frequent online updates ensure that new vehicles are introduced quickly, providing up-to-date coverage at all times. The VT46 displays all OE available sensor data including: ID, tyre pressure, tyre temperature and battery status. The VT46 offers additional functionality by providing indirect, manual, and auto relearn procedure information. Tyresure part numbers are displayed to help with identifying the correct part to replace. The tool comes with user-friendly navigation and command buttons, as well as an interface in multiple languages, shown on an easy to read 2,8" colour display.

Available Upgrade:

- [OBDII Module](#)

Available Accessories:

- Robust Carry Case
- [Tyre Tread Depth Gauge](#)

P/N: [ATE-D045](#)



H46

The H46 is an upgradeable TPMS diagnostic tool manufactured by market leader, ATEQ. This robust tool configures T-Pro sensors in seconds, reads all OE sensors, and can be upgraded to program all popular universal aftermarket sensors. Frequent online updates ensure that new vehicles are introduced quickly, providing up-to-date coverage at all times. The H46 displays all OE available sensor data including: ID, tyre pressure, tyre temperature and battery status. The H46 offers additional functionality by providing indirect, manual, and auto relearn procedure information. Tyresure part numbers are displayed to help with identifying the correct part to replace. The tool comes with user-friendly navigation and command buttons, as well as an interface in multiple languages, shown on an easy to read 2,8" colour display. The unique H46 TPMS tool offers free updates for 5 years* and an extended, free 2-year warranty.

Available Upgrades:

- Upgrade to popular universal aftermarket sensors
- [OBDII Module](#)

Available Accessories:

- Robust Carry Case
- [Tyre Tread Depth Gauge](#)

P/N: [HAM-D045](#)



*5 year free updates not available after upgrade.

Warranty

Updates *





VT36

The VT36 is a low-cost TPMS starter diagnostic tool manufactured by market-leader, ATEQ. This robust tool configures T-Pro sensors within seconds and can also configure OE, aftermarket, configurable and programmable sensors from Schrader, HUF, and Alligator. Frequent online updates ensure that new vehicles are introduced quickly, providing up-to-date coverage at all times. The VT36 displays all OE available sensor data including: ID, tyre pressure, tyre temperature and battery status. The tool comes with user-friendly navigation and command buttons, as well as an interface in multiple languages.

P/N: [ATE-D030](#)



H36

The H36 is a low-cost TPMS starter diagnostic tool manufactured by market-leader, ATEQ. This robust tool configures T-Pro sensors in seconds, reads all OE sensors and can be upgraded to program all popular universal aftermarket sensors. Frequent online updates ensure that new vehicles are introduced quickly, providing up-to-date coverage at all times. The H36 displays all OE available sensor data including: ID, tyre pressure, tyre temperature and battery status. The tool comes with user-friendly navigation and command buttons, as well as an interface in multiple languages. The H36 TPMS tool offers free updates for 5 years* and an extended, free 2-year warranty.

Available Upgrades:

- Upgrade to popular universal aftermarket sensors

P/N: [HAM-D030](#)



Warranty

Updates *

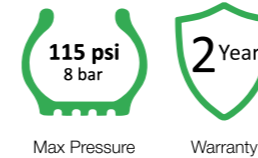
*5 year free updates not available after upgrade.

TPMS Valve Range

In addition to the standard alloy TPMS valve, Tyresure also offers black TPMS valves, designed to complement the wheels they are fitted to. The black and alloy Clamp-In TPMS valves are anodized, in order to reduce the risk of corrosion due to salt and water on the roads during the winter. All of Tyresure's aluminium alloy TPMS valves have nickel-plated valve cores to avoid galvanic corrosion, and high-pressure caps with a secondary sealing ring. The Clamp-In valves are also equipped with an alloy wheel protector, preventing the alloy wheel from the risk of damage during installation. The dual-valve case of Tyresure's TPMS sensors allows for the exchanging of rubber and metal valves with the new anodized black valve.

**Anodized Alloy
Clamp-In Valve:**
[TYR-V016_10](#)

**Anodized Black
Clamp-In Valve:**
[TYR-V047_10](#)



Max Pressure

Warranty



Tool Kit

Tyresure's low-cost TPMS tool kit is an essential purchase for all garages and tyre bays, offering all the required tools to quickly and effectively remove, service and install TPMS sensors. The tools can perform installation and service operations on all TPMS sensors on the market.

- Adjustable Torque Tool including: 7mm, 11mm and 12mm Hex sockets
- Torx 10, 15 and 20 bit
- Pre-set torque valve core installation tool
- Grommet removal tool
- T6 Torque Screwdriver

P/N: [TYR-T006](#)



Diagnostic Tool Comparison Chart



Functionality	H36	VT36
Activate	YES	YES
Read OE sensors (ID, pressure, temp, battery life)	YES	YES
Clone sensors	YES, Hamaton/Tyresure only	YES
Program/Create ID	YES, Hamaton/Tyresure only	YES
Directory of replacement TPMS sensor part number	YES, Hamaton, Tyresure, OE	YES
Copy set of 4 wheels		
Program from history		
Manual relearn procedure information	YES	YES
Auto relearn procedure information	YES	YES
Indirect relearn system information		
On-tool help centre & training centre		
OBD relearn and module		
Updatable database	YES, OE, Hamaton, Tyresure	YES
PC software (WebVT)	YES	YES
US/Europe/Japan/Korean vehicle coverage, updateable via PC	YES	YES
Tests remote key entry (RKE)	YES	YES
Languages	20+	20+
Manual ID Function		
Retrieve ID's from ECU		
Unlock the ECU		
TPM DTC Function		
Tyre Tread Depth Gauge Capability		
Hardware		
Screen	B/W	B/W
Icon interface	YES, basic	YES, basic
Memory	Last vehicle	Last vehicle
SD card storage		
Wi-Fi capable for PC synchronisation		
VIN barcode scanner to select Make, Model, Year		
Accessories		
OBDII Module		
Docking station		
Printer		
Tyre Tread Depth Gauge		
Upgrade to all aftermarket sensors	YES (Upgrade)	
Database subscription	5 years*	First year free
Additional Information		
Product Code	HAM-D030	ATE-D030
Dimensions	16.5 x 9.5 x 3.8 cm	16.5 x 9.5 x 3.8 cm
Warranty	2 Years	1 Year

	H46	VT46	VT56 SE	VT56 OBDII
Activate	YES	YES	YES	YES
Read OE sensors (ID, pressure, temp, battery life)	YES	YES	YES	YES
Clone sensors	YES, Hamaton/Tyresure only	YES	YES	YES
Program/Create ID	YES, Hamaton/Tyresure only	YES	YES	YES
Directory of replacement TPMS sensor part number	YES, Hamaton, Tyresure, OE	YES	YES	YES
Copy set of 4 wheels	YES	YES	YES	YES
Program from history			YES	YES
Manual relearn procedure information	YES	YES	YES	YES
Auto relearn procedure information	YES	YES	YES	YES
Indirect relearn system information	YES	YES	YES	YES
On-tool help centre & training centre			YES	YES
OBD relearn and module	YES, possible with accessory	YES, possible with accessory	YES	YES
Updatable database	YES, OE, Hamaton, Tyresure	YES	YES	YES
PC software (WebVT)	YES	YES	YES	YES
US/Europe/Japan/Korean vehicle coverage, updateable via PC	YES	YES	YES, Europe only	YES
Tests remote key entry (RKE)	YES	YES	YES	
Languages	20+	20+	20+	20+
Manual ID Function	YES	YES	YES	YES
Retrieve ID's from ECU	YES	YES	YES	YES
Unlock the ECU	YES	YES	YES	YES
TPM DTC Function				YES
Tyre Tread Depth Gauge Capability	YES	YES	YES	YES
Hardware				
Screen	2,8" Colour	2,8" Colour	4,3" Colour	4,3" Colour
Icon interface	YES	YES	YES	YES
Memory	Last vehicle	Last vehicle	65K vehicles	65K vehicles
SD card storage			YES	YES
Wi-Fi capable for PC synchronisation				YES
VIN barcode scanner to select Make, Model, Year				YES, U.S only
Accessories				
OBDII Module	YES (Upgrade)	YES (Upgrade)	YES	YES
Docking station				YES
Printer				YES
Tyre Tread Depth Gauge	YES	YES	YES	YES
Upgrade to all aftermarket sensors	YES (Upgrade)			
Database subscription	5 years*	First year free	First year free	First year free
Additional Information				
Product Code	HAM-D045	ATE-D045	ATE-D056	ATE-D001
Dimensions	22.0 x 13.0 x 3.7 cm	22.0 x 13.0 x 3.7 cm	22.0 x 13.0 x 3.7 cm	22.0 x 13.0 x 3.7 cm
Warranty	2 Years	1 Year	1 Year	1 Year

*Free updates are not available after upgrade to all sensors.

Service Part Range

When a tyre fitted with TPMS is removed, all OE manufacturers recommend servicing or replacing the TPMS sensor valve; as the valves are subjected to chemicals and road salt, and are affected by metal fatigue over time. Tyresure provides a comprehensive range of service parts and replacement valves, offering high vehicle coverage. All TPMS replacement parts can be reordered in boxes of 10.

The TPMS Starter Kit 1 contains a comprehensive range of service parts and replacement valves for OE sensors. This TPMS Starter Kit covers most of the service parts required to service OE sensors.

The TPMS Starter Kit 2 offers additional replacement service kits and replacement valves for OE and aftermarket sensors, including service parts and replacement valves for T-Pro and OE-R sensors.



Starter Kit 1

- 9 x 8 Individual Service Kits
- 1 x 4 Individual Snap-In Valves
- 5 x 4 Individual Clamp-In Valves
- 25 High Pressure Valve Caps
- 25 Nickel Valve Cores

P/N: [TYR-P001](#)



Starter Kit 2

- 2 x 8 Individual Service Kits
- 6 x 4 Individual Snap-In Valves
- 8 x 4 Individual Clamp-In Valves

P/N: [TYR-P015](#)

Replacement Service Parts



All of Tyresure's individual service kits or replacement valves (including those from Starter Kits 1 and 2) can be reordered in boxes of 10. Further information about service kits, together with a complete service kit and valve list can be found on the Tyresure website.

TPMS Training

Tyresure Ltd offer a range of professional courses, designed to support your business with training to suit any personnel working in a role involving TPMS. The courses are designed to provide in-depth TPMS training to businesses on a personalised level, allowing participants to ask questions and learn directly from industry professionals – thereby helping sales teams to increase their knowledge of the products they sell, as well as giving servicing centres and tyre bays the information they need to work safely with TPMS.



Courses Available:

- IMI-Accredited TPMS Training (full-day course)
- TPMS Sales Support (half-day course)
- TPMS Workshop Support (half-day course)

To make an enquiry or book a training session, contact: training@tyresure.com

Web Support

Distributors can gain access to our B2B e-commerce platform using individual log-ins, allowing them to place orders and make use of our extensive TPMS information, including that from our Support section. Our unrivalled Vehicle Make, Model, Year Look-Up database allows distributors to quickly and easily find the correct replacement TPMS parts they are looking for.

Visit: www.tyresure-tpms.com

