Hamaton is one of the largest manufacturers of traditional tire valves and tire pressure monitoring system (TPMS) products in the world for the OE and aftermarket. As the North American headquarters of Hamaton Automotive Technology, Hamaton Inc. is a TPMS technical center and distribution platform for the company’s comprehensive product range.

Hamaton places great emphasis on quality, an overriding factor in their success. Hamaton’s TPMS sensors are manufactured then tested on a fully-automated, environmentally-controlled production line. This meticulous process and the manufacturing of tire valves are recognised by TÜV Süd (a world-leading technical service provider of system certification) as Quality Management Systems that fulfil the requirements of IATF 16949. Therefore, customers can rest assured that they will obtain a premium product.

Hamaton provides an extensive range of high-quality TPMS products, manufactured in an OE environment to the strictest and most exacting levels of inspection and testing. The TPMS range includes the universal U-Pro Hybrid 2.0 sensor, one-to-one replacement sensor, service kits, valves in addition to diagnostic tools powered by ATEQ.

Furthermore, Hamaton is one of the world’s largest manufacturers of tire valves with the capacity to produce 22 million Snap-In and 3 million Clamp-In valves each month for motorcycles, passenger cars, light/heavy trucks, buses, agricultural vehicles and earthmovers.
UNIVERSAL SENSOR

U-Pro Hybrid 2.0

Configurable & Programmable

Dual Frequency: 315 & 433 MHz

Dual Valve: HTS-A66DD

Snap-In: HTS-A66DG  Alloy Clamp-In: HTS-A66DH

Black Clamp-In: HTS-A66DK

Hamaton’s universal U-Pro Hybrid 2.0 sensor is the next generation in TPMS - it is the only TPMS sensor available that provides dual frequency, configurable and programmable technologies with dual valve option.

- 97% of direct TPMS-enabled vehicle coverage with 100% potential due to continual programmable updates.
- Configure and program sensor in 1-3 and 7-10 seconds respectively - the fastest times on the market.
- Dual valve capability - allowing independent replacement of the valve stem, and the ability to exchange between an alloy Clamp-In, black Clamp-In or Snap-In valve.
- 7-year Maxell battery, with the latest NXP chipset and lightweight, durable housing.
- Designed for optimum compatibility with OE and aftermarket wheels.
- Auto-location functionality for LOS, WAL, PAL and SAL.

ONE-TO-ONE REPLACEMENT SENSOR

OE-R

Frequency: 315 or 433 MHz

Types: Snap-In or Alloy Clamp-In

OE-R sensors are cost-efficient, direct replacements for OE sensors, which do not require additional programming as they come pre-programmed for the vehicle. The sensor can be fitted and is fully functional following the vehicle’s standard relearn procedure.

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- 7-year Maxell battery, with the latest NXP chipset and lightweight, durable housing.
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- Auto-location functionality for LOS, WAL and PAL.

*The sensor has a warranty of three years whereas the valve has a warranty of twenty-four months. However, if you remove the tire, you must service the valve to sustain the warranty.

VALVE OPTIONS

For the U-Pro Hybrid 2.0

Snap-In Valve: 6-209D  Alloy Clamp-In Valve: 6-266

For OE-R Sensors

Snap-In Valve: 6-209D-1  Alloy Clamp-In Valve: 6-230F  Black Clamp-In Valve: 6-230BK

Clamp-In TPMS valves are anodized to significantly reduce the risk of corrosion from chemicals and road salt during Winter.

Clamp-In TPMS valves include a protective ring, otherwise known as a washer, which enables users to tighten the valve’s collar without scratching the alloy wheel’s surface.

Aluminium alloy TPMS valves have nickel-plated valve cores to prevent galvanic corrosion, with high-pressure caps and a secondary sealing ring.
DIAGNOSTIC TOOL
Hamaton’s TPMS diagnostic tool is manufactured in partnership with market-leader, ATEQ.

H46

Part Code: HAM-D045

Robust, easy-to-use and versatile.

- Configures and programs U-Pro Hybrid 2.0 sensor quickly and reads all OE sensors.
- Provides indirect, manual, and auto relearn procedure information.
- Displays available sensor data: ID, tire pressure, tire temperature, battery status and frequency.
- Up-to-date vehicle coverage due to frequent database updates which come free-of-charge for five years*.
- Free extended two-year warranty included.
- User-friendly navigation with a multi-language interface and easy-to-read 2.8” colour screen display.

SPECIAL OFFERS
TPMS Bundles, assembled to suit individual needs, are a practical yet cost-efficient way to get your hands on Hamaton’s TPMS products. Please get in touch to find out more.

info.usa@hamaton-tpms.com

AVAILABLE UPGRADES

OBDII Module

Individual: HAM-D006

With H46: HAM-D046

The OBDII Module is an essential accessory that facilitates vehicle relearn procedures. Connect the module to the vehicle’s OBDII port (the H46 will display its location) then transfer stored sensor data to the vehicle’s ECU.

Tread Depth Gauge

Part Code: ATE-D027

Do not jeopardize your safety or the safety of others with worn tires.

Take advantage of the H46’s new TTD (Tire Tread Depth) function with a tread depth gauge.

This compact accessory - enabling easy access to the inside wheel well - quickly captures three precise measurements (inner, center and outer tire) of four to seven wheels per vehicle.

*5 years-worth of free updates are not available once upgraded to other universal sensors.

UPDATES

Never miss out on the latest features plus increased vehicle and sensor coverage. To update your TPMS diagnostic tool, connect it to a PC with the provided USB cable then launch Hamaton’s WebVT software.

www.hamaton-tpms.com/webvt

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www.hamaton-tpms.com/webvt
6-STEP TPMS PROCEDURE

If a customer has an issue with their vehicle’s TPMS, Hamaton recommend tire and repair shops follow this simple 6-step procedure for an effective resolution.

1. Check the vehicle to get an understanding of what may be required.
2. Test the sensors using a TPMS diagnostic tool to confirm action needed.
3. Talk to the customer about current situation.
4. Perform any work as needed.
5. Do a secondary test with a TPMS diagnostic tool to make sure system is working correctly.
6. Print or save service data for customer records.

STARTER KITS

Hamaton’s Starter Kits include a comprehensive range of service parts and replacement valves for OE and aftermarket sensors, including the U-Pro Hybrid 2.0 and OE-R sensors. Hence why they are an essential purchase for all tire and repair shops handling TPMS.

For extra convenience, Hamaton offers the content of their Starter Kits, Service Kits and TPMS valves in individual boxes of 10.

Find the correct replacement parts online

Hamaton’s website offers a comprehensive Vehicle Look-Up facility designed to help users discover the correct replacement parts for their vehicle. Just enter its Make, Model, Year to begin.

www.hamaton-tpms.com

REPLACEMENT PARTS

Hamaton offers the largest selection of replacement parts (TPMS service kits and TPMS valves) on the market, covering 100% of OE and aftermarket sensors, which can be ordered in boxes of 10 or as part of a Starter Kit.

Why service a TPMS valve?

TPMS valves are subject to damage from chemicals and road salt during Winter in addition to bearing metal fatigue over time. Figure 1 demonstrates the results of not servicing valves. Therefore, OE manufacturers recommend servicing them when the tire bead is broken to ensure they remain in a suitable condition.

What are the benefits of servicing TPMS valves?

Servicing TPMS valves uphold the sensors’ performance, extending its life and avoiding unnecessary replacement costs, which ultimately:

- Raises money by increasing fuel economy
- Reduces premature tire wear
- Improves road handling and safety
- Reduces a vehicle’s CO2 emissions

Which parts of the TPMS valve require replacing when servicing?

The components that require replacing are highlighted in blue below.

Snap-In Sensor

Cap, Valve Core, Snap-In Valve, Sensor Body, Nut

Clamp-In Sensor

Cap, Valve Core, Collar, Grommet, Valve Stem, Sensor Body, Screw

For more information, please contact Hamaton’s Technical Support Team via (888) 588-7039 or support@hamaton-tpms.com
**ESSENTIAL TOOLS FOR SERVICING**

Hamaton’s **Tool Kit** is the most important piece of equipment any tire and repair shop will need, as TPMS valves require specific tools to perform a quick yet effective service operation.

**Part Code:** 6-313

- All required tools to remove, service and install TPMS valves come enclosed in a convenient, durable carry case.
- Hamaton’s tool range is compatible with every TPMS valve on the market.
- Overcome varying torque settings among Service Kits/ TPMS valves by having the correct tool on hand, reducing the risk of damage.

**Contents:**

- Calibrated Torque Tool including 7mm, 11mm and 12mm Hex Sockets
- 10, 15 and 20 Torx Bits
- Valve Core Torque Tool
- Grommet Removal Tool
- T6 Torque Screwdriver

**WEB SUPPORT**

Hamaton’s website, optimized for iOS and Android devices features an extensive vehicle database, which is continually kept up-to-date with industry-leading data. The **Vehicle Look-Up tool** is an essential resource for tire shops and distributors alike. In addition to identifying correct replacement parts, it details TPMS relearns procedures required during the sensor replacement process. Utilise model-specific step-by-step guides to complete a service accurately and ensure the vehicle’s TPMS is in good working order.

Additionally, the website’s **Support** section provides valuable TPMS information and answers to **Frequently Asked Questions** whereas the new **Downloads** page features handy fitment instructions and how-to guides.

Please visit our website for information about our products and services!

[www.hamaton-tpms.com](http://www.hamaton-tpms.com)