



TPMS

UNIVERSAL SERVICE KIT U1



WHY TPMS SERVICE KITS?

- *Just like the rubber valve, the wearing parts of the TPMS sensor (rubber seal, union nut, valve core & valve cap) should be replaced professionally at each tyre change.*
- *A regular TPMS service ensures a high level of safety and reliability and prevents failures.*
- *The TPMS service is recommended by manufacturers and professional organizations.*

According to the EU Directive 2014/45/EU, which has been in force since 20.05.2018, a non-functional TPMS system is classified as a major deficiency in the main investigation.

EXPERT OPINIONS

- *„Always remove and replace the valves when replacing tyres. It is recommended to replace all valve components connected to the sensor on tires and wheels equipped with tire pressure monitoring systems (TPMS).“*
- *„With direct measuring systems, the sensors in the wheel must be serviced by the fitter each time the tyres are fitted.“*

ADAC, 2018

Rubber Manufacturers Association, 2010

UNIVERSAL SERVICE KIT U1
97% MARKET COVERAGE
FOR METAL VALVES



OUR SOLUTION

UNIVERSAL SERVICE KIT U1

CHALLENGES FOR THE WORKSHOP

- Too many different TPMS service kits required for the coverage of all sensors on the market
- Uncertainty in selecting and using the right service kit
- High stock level means a lot of tied up capital
- Expensive training of specialists

ADVANTAGES OF THE UNIVERSAL SERVICE KIT U1

- 97% market coverage of all metal valves of TPMS sensors
- Universal solution for 36 different service kits
- Costs reduction by reducing service kit diversity
- Reduction of unused warehouse stock
- Simplified handling and application
- Avoidance of loss of revenue due to missing service kits



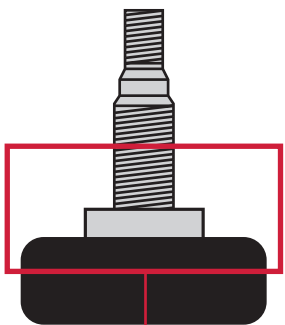
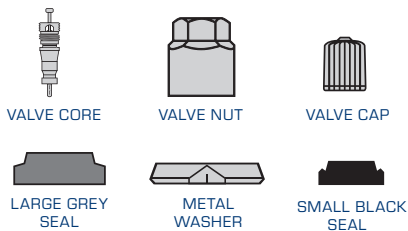
ART.-NO.	DESCRIPTION	VPE
0401-0022-482	Universal Service Kit U1	20

HOW THE UNIVERSAL SERVICE KIT U1 WORKS

- Our engineers identified the most frequently used service parts for TPMS sensors and combined them in one service kit.
- Therefore you can use our Universal Service Kit U1 with most metal valves.
- The instructions help you to quickly and easily identify the correct spare parts for the sensor service - the parts that are not required are disposed off.
- For valves that are not serviced with the Universal Service Kit U1 please use the appropriate OE service kit.

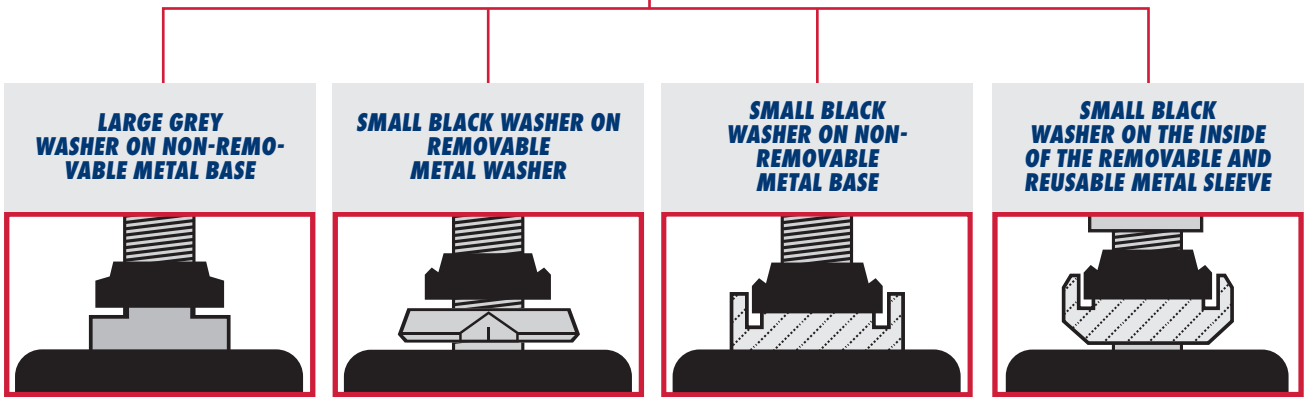
INSTRUCTION UNIVERSAL SERVICE KIT U1

COMPONENTS



START HERE:

Once the sensor has been removed from the wheel, the spare parts required for maintenance should be identified properly.

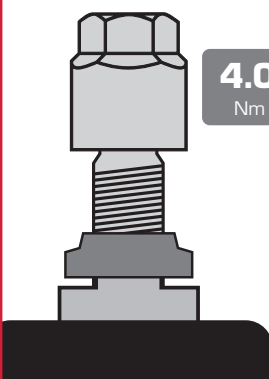


U1-1

USE:  DO NOT USE:  

Valve Core Torque: **0.35** Nm | **3** in-lbs

Valve Nut Torque: **4.0** Nm | **35** in-lbs

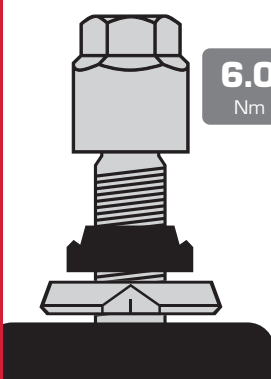


U1-2

DO NOT USE:  USE:  

Valve Core Torque: **0.35** Nm | **3** in-lbs

Valve Nut Torque: **6.0** Nm | **53** in-lbs

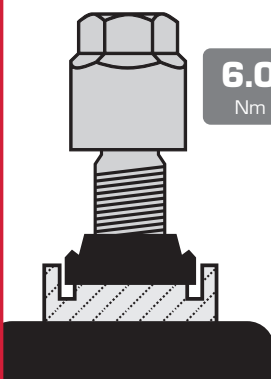


U1-3

DO NOT USE:   USE: 

Valve Core Torque: **0.35** Nm | **3** in-lbs

Valve Nut Torque: **6.0** Nm | **53** in-lbs



UNIVERSAL SE

SCHRADER

Jeep, Nissan,
Mitsubishi, Saab,
Subaru & Volvo

PACIFIC

Lexus & Toyota

HUF

Audi, Porsche &
Volkswagen

SCHRADER

Isuzu

PACIFIC

Lexus & Honda

HUF

Audi, Hyundai, Kia, Mercedes,
Porsche & Volkswagen

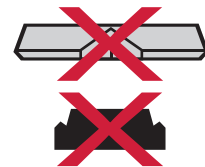
TRW

Honda,
Hyundai & Kia

PACIFIC

Honda, Lexus,
Nissan & Toyota

U1-1



valve core

0.35
Nm

valve nut

4.0
Nm

Use the large
grey seal

TRW

Honda, Hyundai & Kia

HUF

Audi, BMW, Mini,
Porsche & Volkswagen

TPMS-SENSOR

HOW TO USE THIS CHART:

Use the TPMS sensor shadow drawing to determine the correct service kit parts when using the Universal Service Kit **U1**.

Once your TPMS sensor is removed, hold it in front of the shades until you see a match. Once a match is found, follow the instructions shown in the appropriate box.

The parts marked with a red **X** are not used. Always use the specified torques. If your sensor does not match any of the shadow drawings, it may not be compatible with the Universal Service Kit **U1**.

PLEASE NOTE: Only the shadow drawings of the most common OE sensors are shown.

SERVICE KIT U1

V19/2

CONTINENTAL

Audi, Buick, Jaguar, Jeep,
Volkswagen & Volvo

CONTINENTAL

BMW, Hyundai, Jeep,
Kia, Mazda, Nissan &
Volvo

SCHRADER

Mercedes &
BMW

SCHRADER

Ford & Mercedes

SCHRADER

Ford, Opel &
Mitsubishi

SCHRADER

Diverse Marken

SCHRADER

Jeep, Mercedes &
Mitsubishi

U1-2



valve core

0.35 | **3**
Nm | in-lbs

valve nut

6.0 | **53**
Nm | in-lbs



Use the small
black seal

Use the
metal seal

TPMS-SENSOR

U1-3

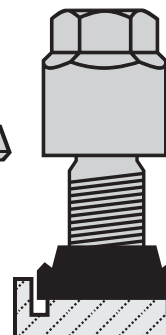
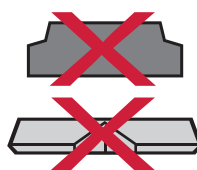


valve core

0.35 | **3**
Nm | in-lbs

valve nut

6.0 | **53**
Nm | in-lbs



Use the small
black seal

TPMS-SENSOR

CORRECT INSTALLATION:

- 1. REMOVE** - Remove the TPMS sensor from the rim and compare the shape with the shadow drawings shown.
- 2. REPLACE** - Once a match has been found, replace the items as shown on the picture.
- 3. INSTALL** - Install the sensor on the rim and use the specified torque. If this cannot be calculated, use a different service kit.

HOFMANN[®]
POWER WEIGHT

Find out more at:
tpms-universalkit.hofmann-powerweight.com

OVERVIEW OE SERVICE KITS

OE SERVICE KITS

- **100% market coverage for direct TPMS**
- **OE quality - From manufacture to corrosion resistance and packaging**
- **With the TPMS refill packs individual TPMS service kit types can be ordered.**
- **The refill packs each contain 20 service kits of a specific type.**



ART.-NO.	DESCRIPTION	TYPE	EXAMPLARY VEHICLES	SCHRADER-NO. OLD	NEW	QTY	IMAGE	UT COMPATIBLE
CONTINENTAL								
0401-0022-407	TPMS-SK for Conti TG1D	C11	Cadillac, Chevrolet, GMC	-	-	20		no
0401-0022-425	TPMS-SK for Conti TG1B	C01	Citroen, Fiat, Lancia, Ford, Peugeot, Mazda, Yesguar, Land Rover	65659-KD	5006	20		yes
0401-0022-426	TPMS-SK for Conti TG1B	C02	VW, Daimler	65660-KD	5007	20		yes
0401-0022-428	TPMS-SK for Conti TG1B	C03	Hyundai, Kia	65768-KU	5014	20		yes
0401-0022-429	TPMS-SK for Conti MB	C10	Renault	65958-KU	5015	20		no
0401-0022-432	TPMS-SK for Conti TG1C	C05	Renault	65963-KU	5018	20		yes
0401-0022-435	TPMS-SK for Conti TG1C	C06	Mazda	66072-KU	5022	20		yes
0401-0022-436	TPMS-SK for Conti TG1C	C07	Hyundai, Kia	66071-KU	5021	20		yes
0401 0022 437	TPMS-SK for Conti TG1C	C08	Volvo, Ford, Yesguar, Land Rover	66070-KU	5020	20		yes
0401-0022-447	TPMS-SK for Conti TG1B	C04	Buick, Chevrolet, Chrysler, Dodge, Jeep, Land Rover, Mazda	-	-	20		yes
0401-0022-448	TPMS-SK for Conti TG1C Uni-Sensor	C09	Renault, Mazda, Hyundai, Kia, Volvo, Ford, Yesguar, Land Rover	-	-	20		no
HUF								
0401-0022-403	TPMS-SK Huf for Gen1 Ventil	H01	Audi, VW, BMW, Porsche	-	-	20		yes
0401-0022-441	TPMS-SK Huf Gen2 Ventil	H02	Audi, VW, BMW, Porsche	-	-	20		no
0401-0022-409	TPMS-SK Huf Gen1 Ventil L=43mm	H03	Audi, VW, BMW, Porsche	65731-67	5009	20		no
0401-0022-410	TPMS-SK Huf Gen1 Ventil L=48mm	H04	Audi, VW, BMW, Porsche	65732-67	5010	20		no
0401-0022-411	TPMS-SK Huf Gen1 Ventil L=49mm	H05	Audi, VW, BMW, Porsche	65733-67	5011	20		no
0401-0022-412	TPMS-SK Huf Gen1 Ventil L=51mm	H06	Audi, VW, BMW, Porsche	65734-67	5012	20		no
0401-0022-413	TPMS-SK Huf Gen1 Ventil L=56mm	H07	Audi, VW, BMW, Porsche	66151-67	5013	20		yes

Tip from a professional

Did you know that the Universal Service Kit U1 is suitable for 97% of all TPMS sensor metal valves?

Use our shadow template to identify the sensor.

ART.-NO.	DESCRIPTION	TYPE	EXEMPLARY VEHICLES	SCHRADER-NO.		QTY	IMAGE	U1 COMPATIBLE
				OLD	NEW			
SCHRADER								
0401-0022-405	TPMS-SK for Schrader Gen4	S14	Peugeot, Opel, Hyundai, Citroen, Chevrolet	66118-68	5028	20		no
0401-0022-416	TPMS-SK for Schrader Gen4	S15	Peugeot, Opel, Hyundai, Citroen, Chevrolet	66086-68	5024	20		no
0401-0022-419	TPMS-SK for Schrader Gen2	S04	Cadillac, Chevrolet, Chrysler, Dodge, Mitsubishi	65961-KD	5016	20		yes
0401-0022-420	TPMS-SK for Schrader Gen2	S05	Renault	65654-KD	5001	20		yes
0401-0022-421	TPMS-SK for Schrader Gen2	S06	Renault	65655-KD	5002	20		yes
0401-0022-422	TPMS-SK for Schrader Gen2	S07	Infiniti, Nissan	-	-	20		yes
0401-0022-423	TPMS-SK for Schrader Gen2	S08	Lotus, Nissan, Volvo, Opel, Chevrolet, Peugeot	65657-KD	5004	20		yes
0401-0022-424	TPMS-SK for Schrader GenJ	S10	Chevrolet, GMC, Hummer	-	-	20		yes
0401-0022-427	TPMS-SK Schrader GenA Ventilschaft	S02	Mercedes-Benz, Smart, Dodge, Jeep	43148-67	-	20		no
0401-0022-431	TPMS-SK for Schrader Gen Alpha	S01	Mercedes-Benz, Smart, Dodge, Jeep	65962-KD	5017	20		yes
0401-0022-433	TPMS-SK for Schrader Gen2	S09	Saab, Saturn, Suzuki	-	-	20		yes
0401-0022-438	TPMS-SK for Schrader GenJ	S11	Cadillac, Chevrolet	66700-KD	5030	20		yes
0401-0022-401	TPMS-SK for Schrader Snap-in HS	S12	Ford	66742-68	5033	20		no
0401-0022-404	TPMS-SK for Schrader Faraday	S13	Ford	66743-68	5031	20		yes
0401-0022-406	TPMS-SK for Schrader Gen Gamma	S03	Renault	-	5060	20		yes
OTHERS (TRW, PACIFIC,...)								
0401-0022-415	TPMS-SK for TRW Gen2/3	O01	Acura, Honda, KIA, Hyundai	-	-	20		yes
0401-0022-434	TPMS-SK for TRW Gen4 Snap-in	O02	Jeep, Ram	-	-	20		no
0401-0022-443	TPMS-SK for Pacific Gen1/2/3/4	O03	Toyota, Honda, Lexus	-	-	20		yes
0401-0022-477	TPMS-SK for Pacific Gen3	O04	Nissan, Infiniti	-	-	20		yes
0401-0022-445	TPMS-SK for Cub Uni-Sensor	O05	-	-	-	20		yes
0401-0022-446	TPMS-SK for Hamaton T-PRO/EU-PRO	O06	-	-	-	20		yes
0401-0022-439	Valve core, nickel-plated	-	All vehicles	-	-	500		no
0401-0022-440	Plastic valve cap, grey	-	All vehicles	-	-	500		no

OUR SOLUTIONS

TPMS STARTER SET

The TPMS starter set offers a wide range of standard service kits. This selection of service kits covers over 85% of all new

European vehicles. The TPMS starter set has been optimized to meet the needs of our customers.



TPMS TOOL KIT

ART.-NO.	DESCRIPTION
0401-0022-500	TPMS TOOL KIT



■ 100% SENSOR-COVERAGE

- Maintenance of all OE and universal sensors possible
- 13-pieces assortment for every application

■ OE-QUALITY

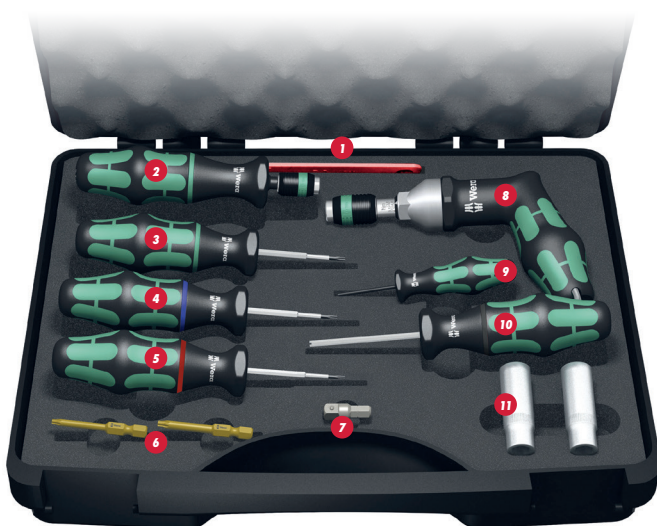
- Made in Germany
- Proven Wera quality from the market leader

■ TIME SAVING

- Colour code on HPW service kit und tools
- Quick and easy tool recognition
- No time-consuming torque adjustment required

■ ERROR PREVENTION

- Preset tools for all relevant torque values
- Professional screw mechanism prevents overtightening of the components



CONTENTS

- 1 Rubber gasket remover
- 2 Fixed torque screwdriver for Alligator metal valves
- 3 Fixed torque screwdriver for CUB valves
- 4 Fixed torque screwdriver for Schrader valves
- 5 Fixed torque screwdriver for HUF rubber valves
- 6 Torx bits (TX15/TX20)
- 7 Adapter for socket wrench
- 8 Variable torque wrench for all union nuts
- 9 Fixing tool for all HUF sensors
- 10 Fixed torque screwdriver for all valve cores
- 11 Socket wrench (11 mm/12 mm)

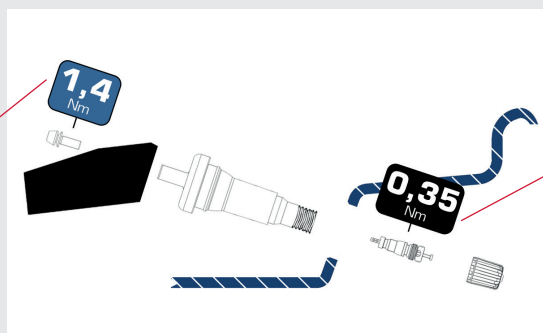
COLOUR CODE

Continental

Schrader

HUF

Others (TRW, PACIFIC, ...)



HOFMANN POWER WEIGHT is
a WEGMANN automotive brand.

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