

TPMS that works.

sens.it RS+ TPMS sensors can talk to any car.



TPMS TECH SUPPORT
855.573.6748
alligator-tpms.com

SENSORS

sens.it
It Just Makes Sense.



SERVICE KITS



TOOLS



TPMS CATALOG

ALLIGATOR[®]



Choices are good.



How to install RS+ video:



How to program RS+ video:



Choose wisely.

99.97%
TRUE™ COVERAGE

The RS+ TPMS sensor delivers **99.97%** coverage for all vehicles. All makes. All models. All years.

That means when you install it, it's going to work. Whatever the make. Whatever the language. It works.

RS+ TPMS programmable sensors



Sens.it RS+ Dual Frequency TPMS Sensor with Clamp-in Silver Ball-Joint Valve: SKU 591132
Operation: Single SKU - Programmable & Cloneable
Frequency Range: 315 MHz & 433 MHz
Valve Material / Design: OE Silver Aluminum Ball-Seat Valve Stem
Valve Angle: 12-40 degree adjustable

Sens.it RS+ Dual Frequency TPMS Sensor with Snap-in Rubber Valve: SKU 591134
Operation: Single SKU - Programmable & Cloneable
Frequency Range: 315 MHz & 433 MHz
Valve Material / Design: EPDM Rubber Fixed Angle Valve Stem

591132	RS+ TPMS Sensors w/ ball-joint valve, Silver	12 sensors per box, 192 sensors per case
591134	RS+ TPMS Sensors w/ U2 rubber snap-in valve	12 sensors per box, 192 sensors per case
591138	Replacement ball-joint metal valves, Silver (individual)	20 valves per box
591133	Replacement ball-joint valves, Black (individual)	20 valves per box
591139	Replacement fixed-angle metal valves, Silver (individual)	20 valves per box
0401-0022-481	Replacement U2 rubber snap-in valve (individual)	20 valves per box
591320	Replacement U2 rubber snap-in valve (bulk)	50 valves per bag, 300 valves per case



First-to-Market

Stats show that many brand new vehicles get custom wheels within the first 3-months. Alligator is ready with first-to-market firmwares for new models!



EV Approved

Electric vehicle adoption is growing! RS+ TPMS works on many EVs, including Audi, Ford, GM, Land Rover, Rivian, Tesla and over 100+ other EVs on the road today.



Premium Tools

We work with the best TPMS tool manufacturers in the industry to offer premium solutions to the marketplace. We know you want options and that is what we provide.



Legendary

Alligator has been around since 1920, serving the market with quality air control solutions for more than 100 years.



Originality

Sens.it TPMS Sensors were one of the first programmable sensors in the North American market.



Compatibility

Nobody talks to more vehicles than the RS+. We deliver more TRUE™ coverage than anyone in the business. Ask the other guys what their true coverage is. You might be surprised.



Functionality

Modern cars require more than just turning off the dashboard light. New cars have new functionalities and RS+ is ready to handle whatever they throw at us!



Support

Our US-based tech support is here anytime you need to talk. ASE Certified technicians are able to diagnose and walk you through any challenge.



Universal service kits make life easier.

2 KITS = 94% COVERAGE

Challenges for shops:

- There are many different types of OE service kits necessary to cover all the vehicles in the market
- Too many parts to stock equals too much money in inventory
- Technician training is difficult

Benefits of Universal Kits:

- The reduction in SKUs equals a reduction in dead stock
- Simplification helps speed up the maintenance and training process
- Add bottom line and avoid lost sales from not having the right kits!

How did we do it?

- Through research, we identified the commonalities between the majority of TPMS sensors
- We developed a single service kit SKU that works for **97%** of OE metal valve stem TPMS sensors
- We provide a single service kit SKU that works for **80%** of OE rubber snap-in valve stem TPMS sensors

How does it work?

- For most metal valve stems, utilize the U1 kit. Using the U1 instruction poster, select the correct components needed for the sensor and discard the unused components.
- For most rubber snap-in valves, utilize the U2 kit. Our universal rubber snap-in valve fits vehicles like Chrysler, Ford, GM, Honda, Subaru, Volvo and many others.



How universal service kits work video:



How to install U1 service kit video:



Less Frustration

There are many different types of OE direct-fit replacement service kits necessary to cover all the vehicles in the global passenger car market. This often means there are too many parts to stock which equals too much money in inventory

More Opportunity

Moving to universal service kits provides a reduction in SKUs which equals a reduction in dead stock. Simplification of inventory helps speed up the maintenance and training process. Add bottom line and avoid lost sales from not having the right kit in stock.

Better Results

By servicing customers each and every time with a solution that you trust, you can be confident you are providing a safe vehicle in return and confident you are making the best financial decision for your business.

Save time and money!

- A franchise with eight locations that do 16 tires per day, 6 days per week, can generate \$40k-50k in revenue from metal service kits alone!
- Alligator Universal service kits could save as much as 15% in cost and as much as 83 hours per year in labor!

Universal Metal Service Kits SAVINGS CALCULATOR	
Number of shop locations?	8 Locations
Number of tires per day w/ TPMS?	16 Tires Per Day w/ TPMS
Number of days open per week?	6 Days Per Week
DATA REPORT	
38,400	<< TOTAL TIRES w/ TPMS SERVICED ANNUALLY
9,600	<< METAL SERVICE KITS USED ANNUALLY
\$11,520	<< METAL SERVICE KIT COSTS ANNUALLY
\$47,904	<< METAL SERVICE KIT REVENUE ANNUALLY
SAVINGS REPORT!	
83	<< HOURS SAVED WHEN USING UNIVERSAL KITS
\$1,692	<< DOLLARS SAVED WHEN USING UNIVERSAL KITS
15%	<< % SAVED WHEN USING UNIVERSAL KITS

Ask your sales rep to run a SAVINGS CALCULATOR analysis for your operation!



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WALL POSTER
ON NEXT PAGE >>>

REMOVE AND HANG ON WALL NEAR TIRE CHANGER



TPMS UNIVERSAL SERVICE KITS

2000-2021 Cadillac, Chevrolet, Chrysler, Dodge, Jeep, Nissan, Mitsubishi & Subaru S-G2

2003-2017 Acura, Honda, Infiniti, Lexus, Nissan & Toyota P-G2

2012-2024 Infiniti, Lexus, Nissan, Scion & Toyota P-LA

2011-2018 Hyundai & Kia T-LCCI

2020-2024 Infiniti, Lexus, Nissan & Toyota P-H

2004-2015 Buick, Cadillac, Chevrolet, GMC & Isuzu S-GJ

2008-2024 Acura, Honda, Hyundai, Kia & Toyota T-G3

2009-2024 Acura, BMW, Cadillac, Chrysler, Dodge, Hyundai, Infiniti, Jeep, Kia, Mazda, Nissan & Volvo C-TG1C

2011-2022 Chevrolet, Dodge & Mercedes S-G

2004-2017 Audi, Buick, Chevy, Chrysler, Dodge, GMC, Jaguar, Jeep, Volkswagen & Volvo C-TG1B

2006-2021 Chrysler, Dodge, Jeep, Mercedes & Mitsubishi S-A

2005-2013 Dodge & Mercedes C/S-TG1BA

2005-2013 Ford S-F

Some sensors may be ineligible to use the U1 service kit.

2019-2024 Audi, BMW, Mercedes, Porsche & Volkswagen H-G5

2008-2024 Audi, BMW, Porsche & Volkswagen H-G3

2014-2024 Audi, BMW, Mini, Porsche & Volkswagen H-G4

For example, some of the sensor shapes shown here have a different nut thread pitch count. All other components can be used to complete the valve service.

Most valve stems with a fixed flat base.

DO NOT USE

Core Torque **3 in-lbs**

Nut Torque **35 in-lbs**

Use the large grey grommet

Check the sensor shape above

TPMS SENSOR

Most valve stems with a removable base.

DO NOT USE

Core Torque **3 in-lbs**

Nut Torque **53 in-lbs**

Use the small black grommet

Use the replaceable base

Check the sensor shape above

TPMS SENSOR

Most valve stems with a cupped base.

DO NOT USE

Core Torque **3 in-lbs**

Nut Torque **53 in-lbs**

Use the small black grommet

Check the sensor shape above

TPMS SENSOR

Instructions U1-1

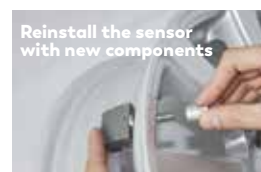
Instructions U1-2

Instructions U1-3

How to use this guide: Use the TPMS sensor shadow drawings as shown to determine the correct service kit components when using the Alligator "U1" Universal Service Kit for OE metal stem TPMS sensors. Once your OE TPMS Sensor is removed from the wheel assembly, hold it up to the shadow drawings to determine a match. Once a match is found, follow the instructions shown in the corresponding box. For U1 eligible sensors, the components shown with a red X are not to be used and can be discarded. Always utilize the torque measurements as shown. If your sensor does not match any of the shadow drawings shown, then utilize the standard application guide. NOTE: **Shadow drawings are for general identification only** and the most popular sensors are shown. 95% of the North American OEM TPMS sensor market are represented in the shadow drawings shown on this poster.

How universal service kits work video:

How to install U1 service kit video:



Standard service kits

Notes:

- Descriptions & fitments may not be complete. Check full application guide for complete details.

- Cross reference detail provided for assistance.

 Green = Universal Service Kits fit the valve

 Red = Universal Service Kits do NOT fit the valve.

<p>SKU: 591303 GM, Isuzu, Saab & Others</p> <p>X-REF: 1070K 20004 6102 20004</p>  <p>U1-1 NUT TORQUE: 62 IN/LBS.</p>	<p>SKU: 591304 Chrysler, GM, Infinity, Isuzu, Nissan, Subaru & Others</p> <p>X-REF: 1080K 20003 6101</p>  <p>U1-1 NUT TORQUE: 38 IN/LBS.</p>	<p>SKU: 591305 Audi, BMW, Mercedes, Mini, Porsche, VW & Others</p> <p>X-REF: 1090K 20023 6110 21106</p>  <p>U1-1 NUT TORQUE: 35 IN/LBS.</p>	<p>SKU: 591306 Acura, GM, Honda, Kia, Lexus, Scion, Subaru, Toyota & Others</p> <p>X-REF: 1100K 20032 6111 21029</p>  <p>U1-1 NUT TORQUE: 35 IN/LBS.</p>
<p>SKU: 591307 GM, Isuzu & Others</p> <p>X-REF: 1110K 20031 6116 21030</p>  <p>U1-1 NUT TORQUE: 35 IN/LBS.</p>	<p>SKU: 591308 Infiniti, Mazda, Mitsubishi, Nissan & Others</p> <p>X-REF: 1130K 20005 6112</p>  <p>U1-3 NUT TORQUE: 49 IN/LBS.</p>	<p>SKU: 591309 Acura, BMW, Honda, Hyundai, Kia, Mercedes, Tesla & Others</p> <p>X-REF: 2000K 20021 6109 21032</p>  <p>U1-1 NUT TORQUE: 35 IN/LBS.</p>	<p>SKU: 591310 GM, Lotus, Saab, Saturn, Suzuki, Volvo & Others</p> <p>X-REF: 2010K 20009 6118/6122 20010</p>  <p>U1-3 NUT TORQUE: 44 IN/LBS.</p>
<p>SKU: 591311 Cadillac, Chevrolet, GMC & Others</p> <p>X-REF: 2020K 20015 6125 21036</p>  <p>U1-1 NUT TORQUE: 44 IN/LBS.</p>	<p>SKU: 591312 BMW, Chrysler, Ford, GM, Mercedes, Nissan, Tesla & Others</p> <p>X-REF: 2030K 20014 6120 21037</p>  <p>U1-2 NUT TORQUE: 58 IN/LBS.</p>	<p>SKU: 591313 Honda, Hyundai, Kia, Toyota & Others</p> <p>X-REF: 2040K 20019 6127 21138</p>  <p>U1-1 NUT TORQUE: 40 IN/LBS.</p>	<p>SKU: 591314 Primarily Lexus</p> <p>X-REF: 1120K 20033 6117 21031</p>  <p>U1-3 NUT TORQUE: 44 IN/LBS.</p>
<p>SKU: 591315 Acura, Chrysler, GM, Hyundai, Mazda, Nissan, Volvo & Others</p> <p>X-REF: 7020K 20050 6138 21111</p>  <p>U1-2 NUT TORQUE: 71 IN/LBS.</p>	<p>SKU: 591316 Acura, Chrysler, Dodge, Jeep, Nissan & Others</p> <p>X-REF: 7000K 20051 6139 21113</p>  <p>U1-2 NUT TORQUE: 71 IN/LBS.</p>	<p>SKU: 591317 Audi, VW & Others</p> <p>X-REF: 1031K 20017 6129 21206</p>  <p>U1-3 NUT TORQUE: 71 IN/LBS.</p>	<p>SKU: 591318 Audi, VW & Others</p> <p>X-REF: 1030K 6115 21027</p>  <p>U1-3 NUT TORQUE: 71 IN/LBS.</p>

<p>TYPE: 591320 </p> <p>U2 snap-in valve, but bulk packaged with 50 valves per bag, 6 bags per case.</p> <p>X-REF: VS950 6207 21060 20018</p>  <p>U2</p>	<p>SKU: 591321 </p> <p>Lear Snap-In with Hex Nut</p> <p>X-REF: VS1010 6209</p> 	<p>SKU: 591340 </p> <p>TRW Gen 4 Snap-In</p> <p>X-REF: VS65 20635 6211 21636</p>  <p>SCREW TORQUE: 12 IN/LBS.</p>	<p>SKU: 591341 </p> <p>Conti TG1D Snap-In</p> <p>X-REF: VS90 6208 20043 21761</p> 
<p>SKU: 591343 </p> <p>Faraday & Mini HSS Snap-In</p> <p>X-REF: VS20 6210(H) 20045 20046</p>  <p>SCREW TORQUE: 12 IN/LBS.</p>	<p>SKU: 591345 </p> <p>Pacific N11 Snap-In</p> <p>X-REF: VS30 6503 21370</p> 	<p>SKU: 591138 </p> <p>Silver Ball-Joint Valve use with RS+ Metal TPMS SKU: 591132</p>  <p>U1-1 NUT TORQUE: 35 IN/LBS.</p>	<p>SKU: 591133 </p> <p>Black Ball-Joint Valve use with RS+ Metal TPMS SKU: 591132</p>  <p>U1-1 NUT TORQUE: 35 IN/LBS.</p>
<p>SKU: 591139 </p> <p>Silver Fixed-Angle Valve use with RS+ Rubber TPMS SKU: 591134</p> <p>X-REF: VS925A 6216 21051</p>  <p>U1-1 SCREW TORQUE: 12 IN/LBS. NUT TORQUE: 35 IN/LBS.</p>	<p>SKU: 590906 </p> <p>OEM Silver Ball-Joint Valve: 43mm/200psi</p>  <p>U1-1 NUT TORQUE: 35 IN/LBS.</p>	<p>SKU: 590908 </p> <p>OEM Black Ball-Joint Valve: 43mm/200psi</p>  <p>U1-1 NUT TORQUE: 35 IN/LBS.</p>	<p>SKU: 590904 </p> <p>OEM Titanium Ball-Joint Valve: 43mm/200psi</p>  <p>U1-1 NUT TORQUE: 35 IN/LBS.</p>
<p>SKU: 591322</p> <p>Sprinter Metal Valve Stem w/ Internal Shear Ring</p> <p>X-REF: 1098K 6218 21765 21038</p>  <p>U1-1 NUT TORQUE: 53 IN/LBS.</p>	<p>SKU: 591326</p> <p>Conti/Siem/VDO TG1C Valve Kit Acura, Chrysler, Dodge, Honda, Hyundai, Nissan, Volvo & Others</p> <p>X-REF: VS70 20049 6231C 21117</p>  <p>U1-2 NUT TORQUE: 71 IN/LBS.</p>	<p>SKU: 591330</p> <p>Mercedes Metal Valve Stem w/ Internal Shear Ring</p> <p>X-REF: 1040K 6206(B) 20036 21028</p>  <p>U1-1 NUT TORQUE: 53 IN/LBS.</p>	<p>SKU: 591342</p> <p>SCH Alpha Metal Valve Stem</p> <p>X-REF: 9066K 6228 20013 21748</p>  <p>U1-1 NUT TORQUE: 53 IN/LBS.</p>
<p>SKU: 591344</p> <p>SV TG1B metal Valve Stem</p> <p>X-REF: 6201 21765</p>  <p>U1-3 NUT TORQUE: 53 IN/LBS.</p>	<p>SKU: 591346</p> <p>SCH Gamma Metal Valve Stem</p> <p>X-REF: VS40 6235 20016 20047</p>  <p>U1-2 NUT TORQUE: 71 IN/LBS.</p>	<p>SKU: 591347</p> <p>SYS BLE Metal Valve Stem for Tesla</p> <p>X-REF: VS490 6284BS 21382</p>  <p>U1-1 NUT TORQUE: 53 IN/LBS.</p>	<p>SKU: 591348</p> <p>SCH Gen 1</p> <p>X-REF: 1077K 6123 20012</p>  <p>U1-1 NUT TORQUE: 53 IN/LBS.</p>
<p>SKU: 591349 </p> <p>Toyota Pacific Snap-In with Stepped Screw</p> <p>X-REF: VS15 6507</p>  <p>SCREW TORQUE: 12 IN/LBS.</p>	<p>SKU: 591360</p> <p>Dodge Ram Dually - TR543C_{TPMS}</p> <p>X-REF: VS35 TPS1502C 21638</p>  <p>NUT TORQUE: 80-130 IN/LBS.</p>	<p>SKU: 591365</p> <p>TRW Gen 2</p> <p>X-REF: VS965 6236 21118</p>  <p>U1-1 NUT TORQUE: 35 IN/LBS.</p>	

Service kits x-reference

Sink your teeth into these promo packs!

Alligator SKU:	Universal Fitment Guide:	X-REF 1:	X-REF 2:	X-REF 3:	X-REF 4:	X-REF 5:
Universal Service Kits						
0401-0022-482	U1 (20 pack)	-	-	-	-	-
0401-0022-481	U2 (20 pack)	VS950	6207	20018	1720018	21060
591320	U2 (50 pack)	VS950	6207	20018	1720018	21060
Standard OE Service Kits						
591301	U1-3	1050K	6108	20030	1720201AK	21102
591302	U1-3	1060K	6104	20002	1720096AK	20002
591303	U1-3	1070K	6102	20004	1720107AK	20004
591304	U1-1	1080K	6103	20003	1720028AK	20003
591305	U1-1	1090K	6110	20023	1720211AK	21106
591306	U1-1	1100K	6111	20032	1720216AK	21029
591307	U1-1	1110K	6116	20031	1720217AK	21030
591308	U1-3	1130K	6112	20005	1720005AK	20005
591309	Requires OE kit	2000K	6109	20021	1720206AK	21032
591310	U1-3	2010K	6122	20009	1720009AK	20010
591310	U1-3	2010K	6118	20009	1720009AK	20010
591311	U1-1	2020K	6125	20015	1720015AK	21036
591312	U1-2	2030K	6120	20014	1720014AK	21037
591313	U1-1	2040K	6127	20019	1720204AK	21138
591314	Requires OE kit	1120K	6117	20033	1720221AK	21031
591315	U1-3	7020K	6138	20050	1720720AK	21111
591316	U1-3	7000K	6139	20051	1720700AK	21113
591317	U1-3	1031K	6129	20017	1720207AK	21206
591318	U1-3	1030K	6115	20017	1720202AK	21027
Specialty Rubber and Specialty Metal Full Stem OE Service Kits						
591321	Special rubber valve	VS1010	6209	-	1750399	-
591322	Requires OE kit	1098K	6218	-	1720198AK	21038
591326	U1-3 (plus stem)	VS70	6231C	20049	1720725AK	21117
591330	Requires OE kit	1040K	6206B	-	1720203AK	21028
591340	Special rubber valve	VS65	6211	20635	1750395	21636
591341	Special rubber valve	VS90	6208	20043	1750397	21761
591342	Special rubber valve	9066K	6228S	-	1720020AK	21748
591343	Special rubber valve	VS20	6210(H)	20046	1720045	21766
591344	U1-3 (plus stem)	-	6201	-	-	21765
591345	Special rubber valve	VS30	-	-	-	21370
591346	U1-2 (plus stem)	VS40	6235	20016	-	6-235
591347	U1-1 (plus stem)	VS490	6284BS	-	-	21382
591348	Requires OE kit	1077K	6123	-	-	-
591349	Special rubber valve	VS15	6507	-	-	-
591365	U1-1 (plus stem)	VS965	6236	-	1750391	21118
590307	U1-1 (plus stem)	1093	6221	-	1720045	-
590337	U1-1 (plus stem)	1092	6220B	20037	-	21079
590357	U1-1 (plus stem)	1095	6223B	20040	-	21076
590387	U1-1 (plus stem)	1094	6222B	20039	-	21077
591139	U1-1 (plus stem)	VS925A	6216	-	-	21051

RS+ TPMS makes it easy.

**BOTH KITS INCLUDE:
24 SENSORS
+ TPMS TOOL**



Two options. Both deliver the goods!

SKU: RSPROMO-01 = The complete shop solution

591132	RS+ TPMS Sensors w/ ball-joint valve, Silver	1 Box (12 Sensors)
591134	RS+ TPMS Sensors w/ rubber snap-in valve	1 Box (12 Sensors)
30212	AVT41 TPMS Tool w/ 5-Year FREE updates	1 TPMS Tool
591138	Replacement ball-joint valves, Silver	1 Box (20 Valves)
591133	Replacement ball-joint valves, Black	1 Box (20 Valves)
591139	Replacement fixed-angle aluminum valves	1 Box (20 Valves)
0401-0022-482	U1 - Universal metal service kit packs	1 Box (20 Kits)
19108	GATOR CAGE - Wall mountable storage cabinet	Holds 10 boxes
18405	TPMS application quick reference guide	with Wall Poster!

SKU: RSPROMO-02 = Simple starter pack

591134	RS+ TPMS Sensors w/ rubber snap-in valve	2 Boxes (24 Sensors)
30212	AVT41 TPMS Tool w/ 5-Year FREE updates	1 TPMS Tool

Kits available while supplies last. Kits designed to be sold as a single unit.
RSPROMO-01 = UPC: 810050060356 = Box: 22" W x 9" T x 6.25" D, 15-lbs
RSPROMO-02 = UPC: 810050060493 = Box: 10" W x 10" T x 6" D, 4-lbs



Industry leading TRUE™ coverage

OEM matched firmwares

Premium valves and accessories

Local & knowledgeable support team

U1 Kit

Need some tools?

How to update
AVT41 video:



**AVT41 Alligator TPMS Wireless Tool
by ATEQ** SKU: 030212

Retrieves IDs from all TPMS sensors;
programs & clones Alligator sensors.
Includes 5-years FREE updates.



The Gator
Cage video:



TPMS "Gator Cage" Metal Wall Cabinet

SKU: 19108

22" W x 9" T x 6.25" D. Holds up to 10 casepack
cartons, with five cartons facing out.



Rubber Valve Puller

SKU: 231900



Torque driver

SKU: 237005

12 in. lb. TORX T10 Head

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