

# **TPMS** *network*

## **EVERYTHING** **You Need to Succeed** **with TPMS**



PRODUCTS  
TRAINING  
SUPPORT

*Group* **31**  
INCORPORATED

Makers of

**Xtra**  
**seal**



## TPMS REPLACEMENT PARTS KITS & VALVE STEMS



17-20202AK



17-20020AK



17-20725AK



17-50390



17-50395



17-50397



17-50399

PART NUMBER	QTY	COLOR	INTERCHANGE		DESCRIPTION
17-20005AK	Box / 10	1	20005	1130K	Parts Kit for Nissan
17-20006AK	Box / 10	1	20006		Parts Kit for GMC, Hummer, Isuzu
17-20007AK	Box / 10	2	20007		Parts Kit for Nissan, Infiniti
17-20008	Box / 10	2	20008	VS950	TPMS Snap-In Valve GM
17-20008C	Box / 10		22008	VS950S	TPMS Snap-in Valve GM w/ chromed plastic sleeve
17-20009AK	Box / 10	1	20009		Parts Kit for Saab, Suzuki
17-20010AK	Box / 10	2	20010	2010K	Parts Kit for Volvo
17-20011AK	Box / 10	3	20011		Parts Kit for Subaru
17-20012AK	Box / 10	1	20012	1077K	Parts Kit for Prowler, Corvette
17-20013AK	Box / 10	2	20013	2030K	Parts Kit for Dodge, Jeep, Chrysler
17-20014AK	Box / 10	3	20014		Parts Kit for Nissan, Infiniti
17-20015AK	Box / 10	3	20015	2020K	Parts Kit for GM with TRW Clamp-In Sensor
17-20016AK	Box / 10	1	20016		Parts Kit for Mercedes, Smart
17-20018	Box / 10	2	20018	VS950	TPMS Snap-In Valve Ford
17-20028AK	Box / 10	3	20003	1080K	Parts Kit for Chrysler, Dodge, Mitsubishi
17-20035AK	Box / 10	1	20035	1097K	Parts Kit for Honda
17-20036AK	Box / 10	2	20036	1096K	Parts Kit for Acura, Honda, Kia
17-20096AK	Box / 10	1	20002	1060K	Parts Kit for Ford
17-20107AK	Box / 10	4	20004	1070K	Parts Kit for GM
17-20198AK	Box / 10	4		1098K	Parts Kit for Dodge Sprinter
17-20201AK	Box / 10	5	20030	1050K	Parts Kit for Chrysler, GM
17-20202AK	Box / 10	2	20017	1030K	Parts Kit for Audi, Mercedes, Volkswagen
17-20203AK	Box / 10	3		1040K	Parts Kit for Audi, Mercedes
17-20204AK	Box / 10	3	20019	2040K	Parts Kit for Acura, Honda, Kia
17-20206AK	Box / 10	4	20021	2000K	Parts Kit for Hyundai, Honda Kia
17-20207AK	Box / 10	4		1031K	Parts Kit for Volkswagen
17-20211AK	Box / 10	4	20023	1090K	Parts Kit for Misc. Imports
17-20216AK	Box / 10	1	20032	1100K	Parts Kit for Lexus/Toyota
17-20217AK	Box / 10	2	20031	1110K	Parts Kit for Lexus/Toyota
17-20020	Box / 10		20020	9066-1	Stem Only for Chrysler, Dodge, Mercedes
17-20020AK	Box / 10	6		9066K	Parts Kit + Stem for Chrysler, Dodge, Mercedes
17-20221AK	Box / 10	3		1120K	Parts Kit for Lexus SC430
17-20720AK	Box / 10	5		7020K	Parts Kit 7020 for Jag, Range Rover, Volvo (54190)
17-20725AK	Box / 10	5			Parts Kit + Stem for Continental Sensors
17-50340	Each		20037	1092	590340 Alligator TPMS Kit 43LMS
17-50342	Each		20038	1093	590342 Alligator TPMS Kit 48LMS
17-50344	Each		20039	1094	590344 Alligator TPMS Kit 49LMS
17-50346	Each		20040	1095	590346 Alligator TPMS Kit 51LMS
17-50390	Box / 10				Metal TPMS Valve Stem for Ford
17-50395	Box / 10			VS65	TRW (square end) Snap-in Sensor Rubber Valve Stem
17-50397	Box / 10			VS90	Continental Snap-in Sensor Rubber Valve Stem
17-50399	Each			VS1010	TPMS Snap-In Valve Hyundai



Carded kits also available.





## TPMS TOOLS

### 17-142 ATEQ VT55 OBDII

- Kit includes OBDII connector, USB, protective carrying pouch.
- Universal TPMS activation and scan tool designed to be the only tool you need to test and relearn the TPMS system on domestic and import vehicles.
- Test and diagnose all TPMS sensors.



### 17-168 TPMS Tool Assortment

- Includes all the small TPMS tools necessary for TPMS service.
- Comes in a high-quality blow molded storage case.



### technician tip

#### Torque Is Important!

- Torque specs are engineered for optimum sealing performance.
- Under torquing the TPMS nut and/or valve core can cause air leaks and potential valve failure.
- Over torquing the TPMS nut can cause the rubber grommet to fail or not seal as designed.
- Over torquing the TPMS nut can break the TPMS sensor.
- Over torquing the valve core can cause the core to become seized inside the valve stem.

**BEST PRACTICE:** Use the proper torque tools. Refer to the Application Chart for the appropriate torque specs.

## Grommet Removal & Installation

### 17-169 Grommet Slide

- Durable construction and easy to use slide allows for simple grommet removal.
- Hole allows for simple new grommet installation.



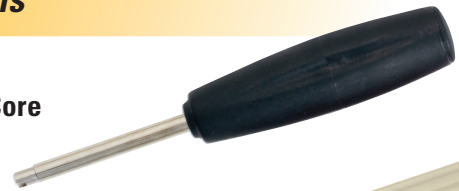
### 17-170 Grommet Pick

- Aids in getting to tough to remove grommets.



## Torque Tools

### 17-173 TPMS Valve Core Torque Tool



### 17-167A T-10 Torque Tool for rubber TPMS snap-in valve stems



### 17-161A 1/4" Adjustable Torque Wrench and Sockets for TPMS nut installation



### technician tip

#### Types of Relearns

Vehicle TPMS systems are either Auto-Relearn, Stationary/ Positional Relearn or OBDII Relearn. Regardless of the system, technicians still need an appropriate scan tool to check TPMS sensors and diagnose TPMS issues.



## TPMS PARTS KITS AND DISPLAY

### Domestic Vehicle Parts Kit Assortment

Part Number	General Application*/Description	Qty
<b>17-21305 Kit Parts and Valves</b>		
17-20006AK	GMC, Hummer, Isuzu	10
17-20008	Rubber Snap-In TPMS valve	20
17-20012AK	Prowler & Corvette	10
17-20013AK	Chrysler, Dodge, Jeep	20
17-20015AK	GM with TRW Clamp-In	10
17-20028AK	Chrysler, Dodge, Mitsubishi	20
17-20096AK	Ford	10
17-20107AK	GM	20
17-20198AK	Dodge Sprinter	5
17-20201AK	Chrysler	20
17-173	Valve Core Torque Tool	1
17-490T	Nickel Plated TPMS Valve Cores	100
17-492L-1	Long Black Plastic TPMS Caps	100
17-492T-1	Gray Plastic TPMS Caps	100

Part Number	General Application*/Description	Qty
<b>17-21303 Kit Parts and Valves</b>		
17-20008	Rubber Snap-In Valve GM	8
17-20107AK	GM	8
17-20096AK	Ford	8
17-20018	Rubber Snap-In Valve Ford	8
17-20013AK	Chrysler, Dodge, Jeep	8
17-20028AK	Chrysler, Dodge, Mitsubishi	8
17-20201AK	Chrysler	8
17-20014AK	Nissan, Infiniti	8
17-20204AK	Acura, Honda, Kia	8
17-20206AK	Hyundai, Honda, Kia	8
17-20211AK	Misc. Imports	8
17-20216AK	Lexus, Toyota	8
17-20217AK	Lexus, Toyota	8
17-490T	Nickel Plated TPMS Valve Cores	100
17-1731	Valve Core Torque Tool	1
17-492L-1	Long Black Plastic TPMS Caps	80
17-492T-1	Gray Plastic TPMS Caps	100

#### 17-21305 Assortment Includes:

- 145 Replacement Parts Kits
- 100 TPMS Valve Cores
- 200 TPMS Plastic Valve Caps
- TPMS Valve Core Torque Tool
- Application Chart



17-21305

### Top 10 Vehicle Parts Kit Assortment

#### 17-21303 Assortment Includes:

- 104 Service Kits for the Most Popular Domestic and Import Vehicle TPMS Sensors
- 100 TPMS Valve Cores
- 180 TPMS Plastic Valve Caps
- TPMS Valve Core Torque Tool



17-21303



#### 19-130 TPMS Counter Top Display

- The perfect sales tool for promoting TPMS service.
- Multiple visuals displaying the complexity of a TPMS sensor.
- Information to help educate the vehicle owner.
- Displays both snap-in and clamp-in style sensors.
- Exposed electronic components aid in technical aspect of selling TPMS service.

### Import Vehicle Parts Kit Assortment

Includes all of the necessary component parts to service most TPMS sensors for:

- Acura
- Audi
- BMW
- Honda
- Hyundai
- Infiniti
- Kia
- Lexus
- Mercedes
- Nissan
- Saab
- Subaru
- Suzuki
- Toyota
- Volkswagen
- Other Miscellaneous Imports



#### 17-21306 Assortment Includes:

- 165 Replacement Parts Kits
- Application Chart

Part Number	General Application*	Qty
<b>Import Vehicle Replacement Parts Kits</b>		
17-20005AK	Nissan	10
17-20007AK	Nissan, Infiniti	10
17-20009AK	Saab, Suzuki	10
17-20010AK	Volvo	10
17-20011AK	Subaru	10
17-20014AK	Nissan, Infiniti	10
17-20016AK	Mercedes	10
17-20035AK	Honda	5
17-20036AK	Acura, Honda, Kia	5
17-20202AK	Audi, Mercedes, Volkswagen	10
17-20203AK	Audi, Mercedes	5
17-20204AK	Acura, Honda, Kia	10
17-20206AK	Hyundai, Honda, Kia	10
17-20207AK	Volkswagen	10
17-20211AK	Misc. Imports	10
17-20216AK	Lexus, Toyota	10
17-20217AK	Lexus, Toyota	10
17-20221AK	Lexus SC430	10

# PROFESSIONAL TPMS PRODUCTS AND SOLUTIONS



## The Smart TPMS Solution

### Makes TPMS as Simple as...



17-144



17-144-2

### The Smart TPMS Solution

**Only 2 sensors to service 90% of vehicle applications!**

**OBDII Module Now Available – Relearn Asian Vehicles!**

**Lifetime FREE Updates!**

- Snap-in and Clamp-in Sensors available.
- Pro+ Tool is also an Activation/Wake-up Tool.
- Ease to learn and use.
- Program or Copy a sensor, using the Pro+ Tool, in just seconds.
- Smart Sensors can be triggered by the other TPMS tools.

### APPLICATION COVERAGE INCLUDES

**95% GM, Ford, and Chrysler**

**85% Imports** ( Honda, Toyota, Nissan, BMW, Mercedes, VW and many others )

17-43014



17-43013



17-43012

17-43011

17-43018



17-43017



17-43016



17-43019

17-43020

PART NUMBER	DESCRIPTION
17-144	Pro+ Programming/Scan Tool
17-144-2	OBDII Module for Smart Sensor Pro+
17-144-3	Smart Sensor ATEQ Programming Cradle
17-43001	<b>Smart Sensor Kit</b> 1 – Programming Tool 4 – 315MHz Sensors 4 – 433.92MHz Sensors
17-43002	<b>Smart Sensor Kit</b> 1 – Programming Tool 22 – 315MHz Sensors 8 – 433.92MHz Sensors
17-43013	315MHz Smart Sensor (Green)
17-43014	433MHz Smart Sensor (Brown)
17-43011	315MHz Smart Sensor Snap-In (Green)
17-43012	433MHz Smart Sensor Snap-In (Brown)
17-43016	Replacement Snap-In Valve for 17-43011/17-43012
17-43017	Gloss Black Replacement Valve for 17-43013/14
17-43018	Matte Black Replacement Valve for 17-43013/14
17-43019	Aluminum Replacement Valve for 17-43013/14
17-43020	Polished Chrome Replacement Valve for 17-43013/14

### Smart Sensor ATEQ Programming Cradle

- NOW Program Smart Sensors with the ATEQ VT55 and VT56 using the Smart Sensor ATEQ Programming Cradle.

17-144-3





## 19-130 TPMS Counter Top Display

- The perfect sales tool for promoting TPMS service
- Multiple visuals displaying the complexity of a TPMS sensor
- Information to help educate the vehicle owner
- Displays both snap-in and clamp-in style sensors
- Exposed electronic components aid in technical aspect of selling TPMS service



19-130

### technician tip

#### Servicing TPMS Sensors

If the valve cap is not easily removed, then the sensor may be corroded. If corrosion is visible, or the hex nut shows unusual resistance, the sensor may need to be replaced.

**BEST PRACTICE:** Always inspect and use care in handling TPMS sensors and components.