





## PDQ TPMS SENSOR FEATURES

### PDQ 46 TOOL FEATURES



Wireless programmable system supports fastest install time.

Compliant with OEM relearn procedures i.e. Stationary, OBD and Auto-Learn.

PDQ relearn tools supports multiple supply chains into the OEM and Aftermarket.

### PDQ TPMS FEATURES



- Single SKU dual-band sensor covering 315/433Mhz TPMS applications.
- Military grade lithium battery supports extended life cycle and harsh climate changes.
- EPDM rubber valves and grommets for superior heat, polar, ozone and weather resistance.
- Multiple valve choices - Rubber snap-in or precision bolt-in aluminum valve.
- PDQ sensors are compliant under strict guidelines of FMVSS No. 138.
- Exclusive miniature sensor design reduces footprint within tire and wheel cavity thus reducing liability for subsequent damage during tire rotation.

Size	40.5mmx24mmx9
Weight	26.5g (metal valve)
Weight	31g (rubber valve)
Storage temp. range	-40°C~+125°C
Storage temp. range	-40°C~+85°C
Transmission power	-20dBm
Pressure range monitoring	100~450kPa





## Single Protocol and Programmable SENSORS

PDQ TPMS offers a full line of single protocol and programmable sensors, covering 99% of 2007-2017 model years. Our team has been engineering and manufacturing OE replacement sensors since 2006 - virtually the beginning of TPMS. Single Protocol sensors are a featured product of high volume Service Centers. Additionally Single Protocol sensors do not require programming. While Programmable Sensors offer the flexibility of having more vehicle application coverage with just one SKU.

We have thoroughly validated all vehicle applications. We can assure you that PDQ sensors have the same fit and function as OE sensors. In addition, PDQ offers a considerable cost savings when compared to OE and aftermarket sensors. To re-learn PDQ sensors to your car's ECU, simply use the same re-learn procedures and tools as the OE sensors.

We stand behind all sensors with a 2 year warranty.

### SINGLE PROTOCOL PDQ

Part #	Description	Applications
OSC-0153S	TPMS   Wheel Sensor PDQ-TPMS	GM 07-17
OSC-0153S-R	TPMS   Wheel Sensor PDQ-TPMS w/Rubber Valve	GM (snap in) 07-17
OPA-3011S	TPMS   Wheel Sensor PDQ-TPMS	Toyota (pass car)
OPA-3011S-R	TPMS   Wheel Sensor PDQ-TPMS w/Rubber Valve	Toyota (pass car)
OSC-0315S	TPMS   Wheel Sensor PDQ-TPMS	Ford most 09-17
OSC-0315S-R	TPMS   Wheel Sensor PDQ-TPMS w/Rubber Valve	Ford most 09-17
OSE-7635S	TPMS   Wheel Sensor PDQ-TPMS	Ford 07-09
OSE-7635S-R	TPMS   Wheel Sensor PDQ-TPMS w/Rubber Valve	Ford 07-09
OSC-8214S	TPMS   Wheel Sensor PDQ-TPMS	Chrysler/Mercedes
OSC-8214S-R	TPMS   Wheel Sensor PDQ-TPMS w/Rubber Valve	Chrysler/Mercedes
OSE-6209S	TPMS   Wheel Sensor PDQ-TPMS	BMW 13-17
OSE-6209S-R	TPMS   Wheel Sensor PDQ-TPMS w/Rubber Valve	BMW 13-17
OTR-7568S	TPMS   Wheel Sensor PDQ-TPMS	Ram/Jeep 14-17
OTR-7568S-R	TPMS   Wheel Sensor PDQ-TPMS w/Rubber Valve	Ram/Jeep 14-17
OSE-7770S	TPMS   Wheel Sensor PDQ-TPMS	Chrysler/Dodge/Jeep
OSE-7770S-R	TPMS   Wheel Sensor PDQ-TPMS w/Rubber Valve	Chrysler/Dodge/Jeep
OSC-F2GAS	TPMS   Wheel Sensor PDQ-TPMS	Ford 15-17
OSC-F2GAS-R	TPMS   Wheel Sensor PDQ-TPMS w/Rubber Valve	Ford 15-17

### PROGRAMMABLE PDQ

Part #	Description
PDQ-001	TPMS   Wheel Sensor PDQ-TPMS with Rubber Stem
PDQ-001OE	TPMS   Wheel Sensor PDQ-TPMS with OE Metal Stem
PDQ-001M	TPMS   Wheel Sensor PDQ-TPMS with Bright Metal Stem



### SCANNER + 24 SENSORS

### PDQ-000

**PDQ  
Bundle**



**PDQ  
Stems**



**BRIGHT METAL STEM  
PDQ-777**



**OE METAL STEM  
PDQ-888**



**RUBBER STEM  
930-20008**

PDQTPMS.COM

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PROGRAMMABLE TPMS SENSORS

# PDQ PMS

People Dedicated to Quality



## PDQ 46







**VERSATILE TPMS TOOL FOR SENSOR ACTIVATION, PROGRAMMING AND ECU RESET**

- EASY TO OPERATE, ADVANCED TECHNOLOGY
- ALL RELEARN INFORMATION IN ONE PLACE
- VERSATILE WITH OPTIONAL OBD MODULE

## NEW PDQ 46

The PDQ 46 is an affordable TPMS programming tool designed with the installer in mind. Its full color interface guides the user when replacing and servicing TPMS sensors. With the addition of the optional OBD2 module, users can reset all OEM Asian Import ECU.

The PDQ 46 supports all known programmable TPMS sensors and is frequently updated with new features, vehicles and sensors.

### PDQ 46 FEATURES

Easy to operate with PDQ icon interface and bright display. Activate and reads TPMS sensors of most vehicle brands globally. Programs most leading universal aftermarket sensors.

**Requires PDQ-46SU upgrade**



- Displays all sensor data in seconds: ID, tire pressure, tire temperature, battery status, etc.
- Provides comprehensive relearn information to support stationary, OBD and auto learn instructions in 24 languages.
- The optional OBD2 module gives access to OBD relearns for 60% of all cars worldwide.
- Quick select vehicle look up via Year, Make and Model.
- Developed with State of the art advanced TPMS technology.
- 2 year software and database updates included.

#### 4 PDQ TPMS PRODUCTS

### TECHNICAL SPECIFICATIONS

#### IN THE BOX

PDQ 46 tool, power charger, USB cable, CD-Rom with WebVT desktop software, drivers and user manuals.

#### TOOL

Size (HxWxD):	220mm x 130mm x 347mm 8.6"x 5"x 1.5"
Weight:	0.62 kg (1.37 lbs.)
Screen size:	3.5"
Power Supply:	Lithium-Ion polymer battery
Casing:	Protective rubber sleeve
RF:	315 and 433 MHz
Interface:	24 languages
Warranty:	1 year

### PDQ TOOLS

Part #	Description
PDQ-46	PDQ 46 Tool
PDQ-46-1000	PDQ 46 Tool and OBDII Module
PDQ-46U	PDQ 46 Full Function upgrade
PDQ-46SU	PDQ 46 Software update



PDQ-46



PDQ-46-1000



PDQ-46SU





**VERSATILE TPMS TOOL FOR SENSOR ACTIVATION, PROGRAMMING AND ECU RESET**



Functionality	PDQ46	Competitors
Make, model, year look up	✓	✓
Activates 100% OEM sensors	✓	Less than 70%
OBDII coverage on Asian vehicles	✓	Inferior coverage, not updated
OBDII coverage on Domestic vehicles	✓	✗
OBDII coverage on European vehicles	✓	✗
Capable to program multiple brands of aftermarket sensors	✓	Only their own brand
Decodes TPMS sensor data (ID, pressure, frequency, battery status and accelerometer)	✓	✓
TPMS relearn procedures built in the tool (includes indirect relearn)	✓	✗
RKE tester	✓	✗
Displays TPMS sensor part numbers	✓	✗
Most up to date vehicle coverage	✓	Not up to date
Built to OEM specs	✓	✗
Liquid resistant	✓	✗
Icon-based menu driven	✓	✗
Programs Industry leading sensors	✓	Requires Upgrade
Hardware	PDQ46	Competitors
Screen size	2.8" color	2.8" monochrome
Internal lithium-ion battery	✓	✓
SD card storage	✓	✗

# TPMS

## SERVICE KITS

PDQ service kits include everything you need to properly service OE TPMS equipped valve stems. Service kits are tailored to specific vehicle makes, models and years and include sealing components such as caps, cores, grommets and nuts. OEM specifications require these components to be replaced every time tires and rims on TPMS equipped vehicles are serviced.

### PDQ PART NO. 1030-20017

**REFERENCE PART NUMBERS**  
SCHRADER KIT: 20017  
NAPA KIT: 92-0235  
DILL KIT: D1030K

**APPLICATION DATA**  
NUT TORQUE (In-lbs): 71  
NUT TORQUE (N-m): 8  
CORE TORQUE (In-lbs): 2-5  
CORE TORQUE (N-m): .23-.56



### PDQ PART NO. 1031-20017

**REFERENCE PART NUMBERS**  
SCHRADER KIT: 20017  
DILL KIT: D1031K

**APPLICATION DATA**  
NUT TORQUE (In-lbs): 71  
NUT TORQUE (N-m): 8  
CORE TORQUE (In-lbs): 2-5  
CORE TORQUE (N-m): .23-.56



### PDQ PART NO. 1040-20023

**REFERENCE PART NUMBERS**  
SCHRADER KIT: 20023  
DILL KIT: D1040K

**APPLICATION DATA**  
NUT TORQUE (In-lbs): 35  
NUT TORQUE (N-m): 4  
CORE TORQUE (In-lbs): 2-5  
CORE TORQUE (N-m): .23-.56



### PDQ PART NO. 1050-20030

**REFERENCE PART NUMBERS**  
SCHRADER KIT: 20030  
NAPA KIT: 92-0150  
DILL KIT: D1050K

**APPLICATION DATA**  
NUT TORQUE (In-lbs): 71  
NUT TORQUE (N-m): 8  
CORE TORQUE (In-lbs): 2-5  
CORE TORQUE (N-m): .23-.56



### PDQ PART NO. 1060-20002

**REFERENCE PART NUMBERS**  
SCHRADER KIT: 20002  
NAPA KIT: 92-0115  
DILL KIT: D1060K

**APPLICATION DATA**  
NUT TORQUE (In-lbs): 44  
NUT TORQUE (N-m): 5  
CORE TORQUE (In-lbs): 2-5  
CORE TORQUE (N-m): .23-.56



### PDQ PART NO. 1070-20004

**REFERENCE PART NUMBERS**  
SCHRADER KIT: 20004  
NAPA KIT: 92-0125  
DILL KIT: D1070K

**APPLICATION DATA**  
NUT TORQUE (In-lbs): 62  
NUT TORQUE (N-m): 7  
CORE TORQUE (In-lbs): 2-5  
CORE TORQUE (N-m): .23-.56



### PDQ PART NO. 1077-20000

**REFERENCE PART NUMBERS**  
DILL KIT: D1077K

**APPLICATION DATA**  
NUT TORQUE (In-lbs): 62  
NUT TORQUE (N-m): 7  
CORE TORQUE (In-lbs): 2-5  
CORE TORQUE (N-m): .23-.56



### PDQ PART NO. 1080-20003

**REFERENCE PART NUMBERS**  
SCHRADER KIT: 20003  
DILL KIT: D1080K

**APPLICATION DATA**  
NUT TORQUE (In-lbs): 35-62  
NUT TORQUE (N-m): 4-7  
CORE TORQUE (In-lbs): 2-5  
CORE TORQUE (N-m): .23-.56



# TPMS

## SERVICE KITS

**WARNING: ALWAYS USE NEW GROMMETS, NUTS, VALVE CAPS AND VALVE CORES WHEN PERFORMING ANY TIRE SERVICE. USE NICKEL-PLATED ELECTROLESS VALVE CORES WITH ALUMINUM VALVE STEMS. REFER TO MANUFACTURER'S SPECIFICATIONS FOR PROPER TORQUE REQUIREMENTS WHEN REPLACING NUTS AND VALVE CORES.**

### PDQ PART NO. 1090-20023

**REFERENCE PART NUMBERS**  
SCHRADER KIT: 20023  
NAPA KIT: 92-0261  
DILL KIT: D1090K

**APPLICATION DATA**  
NUT TORQUE (In-lbs): 35  
NUT TORQUE (N-m): 4  
CORE TORQUE (In-lbs): 2-5  
CORE TORQUE (N-m): .23-.56



### PDQ PART NO. 1098-20000

**REFERENCE PART NUMBERS**  
DILL KIT: D1098K

**APPLICATION DATA**  
NUT TORQUE (In-lbs): 35  
NUT TORQUE (N-m): 4  
CORE TORQUE (In-lbs): 2-5  
CORE TORQUE (N-m): .23-.56



### PDQ PART NO. 1100-20032

**REFERENCE PART NUMBERS**  
SCHRADER KIT: 20032  
NAPA KIT: 92-0215  
DILL KIT: D1100K

**APPLICATION DATA**  
NUT TORQUE (In-lbs): 35  
NUT TORQUE (N-m): 4  
CORE TORQUE (In-lbs): 2-5  
CORE TORQUE (N-m): .23-.56



### PDQ PART NO. 1110-20031

**REFERENCE PART NUMBERS**  
SCHRADER KIT: 20031  
NAPA KIT: 92-0135/0155  
DILL KIT: D1110K

**APPLICATION DATA**  
NUT TORQUE (In-lbs): 35  
NUT TORQUE (N-m): 4  
CORE TORQUE (In-lbs): 2-5  
CORE TORQUE (N-m): .23-.56



### PDQ PART NO. 1120-20033

**REFERENCE PART NUMBERS**  
SCHRADER KIT: 20033  
DILL KIT: D1120K

**APPLICATION DATA**  
NUT TORQUE (In-lbs): 27  
NUT TORQUE (N-m): 3  
CORE TORQUE (In-lbs): 2-5  
CORE TORQUE (N-m): .23-.56



### PDQ PART NO. 1130-20005

**REFERENCE PART NUMBERS**  
SCHRADER KIT: 20005  
DILL KIT: D1130K

**APPLICATION DATA**  
NUT TORQUE (In-lbs): 66  
NUT TORQUE (N-m): 7.5  
CORE TORQUE (In-lbs): 2-5  
CORE TORQUE (N-m): .23-.56



### PDQ PART NO. 2000-20021

**REFERENCE PART NUMBERS**  
SCHRADER KIT: 20021  
NAPA KIT: 92-0246  
DILL KIT: D2000K

**APPLICATION DATA**  
NUT TORQUE (In-lbs): 35  
NUT TORQUE (N-m): 4  
CORE TORQUE (In-lbs): 2-5  
CORE TORQUE (N-m): .23-.56



### PDQ PART NO. 2010-20009

**REFERENCE PART NUMBERS**  
SCHRADER KIT: 20009  
DILL KIT: D2010K

**APPLICATION DATA**  
NUT TORQUE (In-lbs): 62  
NUT TORQUE (N-m): 7  
CORE TORQUE (In-lbs): 2-5  
CORE TORQUE (N-m): .23-.56





# TPMS

## SERVICE KITS

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### PDQ PART NO. 2020-20015

**REFERENCE PART NUMBERS**  
SCHRADER KIT: 20015  
DILL KIT: D2020K

**APPLICATION DATA**  
NUT TORQUE (In-lbs): 62  
NUT TORQUE (N-m): 7  
CORE TORQUE (In-lbs): 2-5  
CORE TORQUE (N-m): .23-56



### PDQ PART NO. 2030-20013

**REFERENCE PART NUMBERS**  
SCHRADER KIT: 20013  
NAPA KIT: 92-0225/0230/0210  
DILL KIT: D2030K

**APPLICATION DATA**  
NUT TORQUE (In-lbs): 35-71  
NUT TORQUE (N-m): 4-8  
CORE TORQUE (In-lbs): 2-5  
CORE TORQUE (N-m): .23-56



### PDQ PART NO. 2040-20019

**REFERENCE PART NUMBERS**  
SCHRADER KIT: 20019  
NAPA KIT: 92-0205/0244  
DILL KIT: D2040K

**APPLICATION DATA**  
NUT TORQUE (In-lbs): 35  
NUT TORQUE (N-m): 4  
CORE TORQUE (In-lbs): 2-5  
CORE TORQUE (N-m): .23-56



### PDQ PART NO. 7000-20000

**REFERENCE PART NUMBERS**  
DILL KIT: D7000K

**APPLICATION DATA**  
NUT TORQUE (In-lbs): 71  
NUT TORQUE (N-m): 8  
CORE TORQUE (In-lbs): 2-5  
CORE TORQUE (N-m): .23-56



### PDQ PART NO. 7020-20000

**REFERENCE PART NUMBERS**  
DILL KIT: D7020K

**APPLICATION DATA**  
NUT TORQUE (In-lbs): 71  
NUT TORQUE (N-m): 8  
CORE TORQUE (In-lbs): 2-5  
CORE TORQUE (N-m): .23-56



### PDQ PART NO. 930-20008

**REFERENCE PART NUMBERS**  
SCHRADER KIT: 20008  
NAPA KIT: 92-0145  
DILL KIT: VS930

**APPLICATION DATA**  
NUT TORQUE (In-lbs): 11.5  
NUT TORQUE (N-m): 2  
CORE TORQUE (In-lbs): 2-5  
CORE TORQUE (N-m): .23-56



FOUND ON MOST 2010-2015 GM AND FORD OE SENSORS

### PDQ PART NO. 90-50000

**NEW!**

**REFERENCE PART NUMBERS**  
DILL KIT: VS90

**APPLICATION DATA**  
NUT TORQUE (In-lbs): 11.5  
NUT TORQUE (N-m): 2  
CORE TORQUE (In-lbs): 2-5  
CORE TORQUE (N-m): .23-56



FOUND ON 2013 DODGE DART & CADILLAC ATS

### PDQ PART NO. 90-50001

**REFERENCE PART NUMBERS**  
NA

**APPLICATION DATA**  
NA



FOUND ON 2014-2015 JEEP CHEROKEE AND RAM TRUCKS



# TPMS SERVICE KITS

PDQ PART NO.  
**1050-5000**

REFERENCE PART NUMBERS  
NA

APPLICATION DATA  
NA

8 PIECES, CAP



PDQ PART NO.  
**1060-5000**

REFERENCE PART NUMBERS  
NA

APPLICATION DATA  
NA

8 PIECES, CAP



PDQ PART NO.  
**1130-5000**

REFERENCE PART NUMBERS  
NA

APPLICATION DATA  
NA

8 PIECES, CAP



PDQ PART NO.  
**1000-5000**

REFERENCE PART NUMBERS  
NA

APPLICATION DATA  
NA

8 PIECES, TPMS VALVE CORE



PDQ PART NO.  
**930-5000**

REFERENCE PART NUMBERS  
NA

APPLICATION DATA  
NA

8 PIECES, CAP



# TPMS ACCESSORIES

PDQ PART NO.  
**1030-5000**

REFERENCE PART NUMBERS  
NA

APPLICATION DATA  
NA

8 PIECES, CAP



FORD SENSOR KEEPER  
**22102**



Sensor Keeper works with FORD Banded sensor. Keeper locks sensor into the bracket.

STAINLESS STEEL STRAP  
**22100** FOR 17" TO 26" WHEELS



Stainless Steel Strap works with OEM Ford Sensor on aftermarket wheels from 17—26" in diameter and accepts the OEM Bracket.

TPMS SENSOR BRACKET  
**22103**



TPMS bracket is made from 304 stainless steel and is backed with hi temp adhesive. The bracket is very versatile, used with our TPMS strap part #22100 it adapts sensors to large diameter aftermarket wheels. Additionally it can be used to hold Bolt-in and Snap-in style TPMS sensors when you are faced with adaptation issues, which occur with many aftermarket wheels with low profile tires, valve hole angles which differ from the OE wheels

TPMS STRAP KIT  
**22105**



Stainless Steel Strap constructed of 304 Stainless Steel exceed OEM's Torque Specifications. Straps are very easy to install just fit around center of wheel, trim off excess, install TPMS Bracket and tighten with screwdriver. Kit includes 4 ea 22100 Straps, 4 ea 22102 Ford sensor keepers, and 4 ea 22103 TPMS sensor bracket.

# TPMS VALVES

## TPMS VALVE STEM WITH LOOP 897210TPMS



This valve is used to hold **OE bolt-in** TPMS sensors when you are faced with adaptation issues, which occur with many aftermarket wheels with low profile tires, valve hole angles which differ from the OE wheels.



\* sensor not included

## TPMS VALVE STEM WITH NIPPLE 897210TPMS-1



Use when customer prefers metal stem with their **OE snap-in** rubber stem sensor. Used in place of 930-20008.



\* sensor not included

## LONG TPMS VALVE STEM WITH LOOP 897270TPMS



\* sensor not included

when you are faced with adaptation issues, which occur with many aftermarket wheels with low profile tires, valve hole angles which differ from the OE wheels

This valve is used on multi-piece wheels where the valve protrudes through one of the assembly bolt holes. It includes a loop for installing sensor. It can be used for **OE bolt-in** style TPMS sensors

## LONG TPMS VALVE STEM WITH LOOP 897270TPMS-1



\* sensor not included

with many aftermarket wheels with low profile tires, valve hole angles which differ from the OE wheels

This valve is used on multi-piece wheels where the valve protrudes through one of the assembly bolt holes. It can be used with **OE snap-in** style TPMS sensors when you are faced with adaptation issues, which occur

## 897280 VALVE STEM WITH NIPPLE 897280TPMS-1



Use when customer prefers metal stem with their **OE snap-in** rubber stem sensor. Used in place of 930-20008.



\* sensor not included

## CHROME SLEEVE FOR SNAP-IN RUBBER VALVE 20008CS



Cap for TPMS Rubber Valve #930-20008 and #930-5000



\* valve stem not included

# TPMS TOOLS

## 1/4" DR. TORQUE WRENCH, 6-30nm 280030N



Perfect for Torquing TPMS Sensor Nuts. Adjustable from 6-30 nm or 4-23 ft lbs.

## SLEEVE REMOVAL TOOL S01211D



11/12mm Flip Socket with 1/4" drive used for removal and installation of TPMS Sensor Nuts.

## T-10 STAR SCREWDRIVER 593+6710

For rubber TPMS valve stems.



## T-10 TORQUE TOOL SC20140

Valve Core Torque Tool. Ensures proper valve core torque to 2-5 in lbs of torque



## T-10 TORX SCREWDRIVER VHTPMST10

For installing screw on OE Snap-In TPMS valve stems.



## TPMS NUT TOOL SC20195

11/12mm Socket Driver used for removal and installation of TPMS Sensor Nuts.



## VALVE CORE TORQUE TOOL VHTPMS

For Installation and removal of Valve Cores.



**PDQ has you covered with all the tools you need to service TPMS sensors.**



# PDQ SUPPORT

**PDQ offers a comprehensive website for application data which includes OEM relearn and TPMS pairing procedures.**

We have built the industry's most comprehensive online **Application Guide**. Our knowledge base delivers all known re-learn procedures for sensor to ECU pairing. Use this tool to identify which sensor fits a particular vehicle or cross-reference nearly any sensor part number on the market.

## **PDQTPMS.com**

By registering on the PDQ website, you have access to TPMS relearn procedures, the most comprehensive and up-to-date application data, new product release notifications, TPMS Installation and Service Tips, and access to our dealer locator system.



At the core of our business philosophy is the responsibility to train anyone involved in our distribution channel. Training is focused on understanding our products, their applications, their installation and the complexities involved in dealing with every TPMS system they come in contact with. That's why we provide a certified training program that includes a technical overview of all TPMS systems, in-house distributor training and in-field jobber training.

We feel strongly that technical training is integral to our mutual success. We support your TPMS business from first contact, all the way through the drive-away of your valuable customer.

Since every car and light truck manufactured after September 1, 2007, has TPMS products that will require replacement, there is really no marketing challenge in convincing your customers. The true challenge lies in educating your customers. We provide specific marketing tools and programs that make it easy for you to start building a TPMS relationship with your customer(s) — one that positions everyone involved to win.



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**PDQTPMS.COM**

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**REVOLUTION SUPPLY CO.**

7421 ANACONDA AVE.  
GARDEN GROVE, CA  
CA, 92841

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**CUSTOMER SUPPORT LINE:**

**1.877.738.9990**

