

TPMS SENSORS,

SERVICE KITS & ACCESSORIES

TPMS SENSORS, SERVICE KITS

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TPMS SENSORS

DYNAMIC DVT-PRO SENSOR WITH DUAL VALVE TECHNOLOGY

One (1) DVT-PRO sensor is designed to be programmed with several TPMS Tools including ATEQ, Snap-on, and Dynamic DY46 & DY-47. Dynamic DVT-PRO sensor comes with our 6-207A rubber valve and has “Dual Valve Technology” (DVT). The valve stems can easily be replaced with other Dynamic valve options (see below) using the same sensor housing.

No. DVT-PRO

- **Single Sensor Program** - easy to manage and lower inventory investment
- **Industry Leading Vehicle Coverage** - Domestic, European, and Asian vehicles including wireless auto-locate and hi-line protocols
- **Fast Wireless Programming** - no pad or cradles needed to program the sensors
- **Copy/Clone Capability** - copy ID from the old sensor and program the new sensor with the same ID number
- **Through the Tire Programming** - eliminates the need to breakdown tire and wheel to reprogram
- **Future Software Updates** - new vehicle protocols can be added with a simple tool software update
- **Dual Valve Technology** - easy to interchange between rubber or metal valve options
- **Online Data** - Lookup application data available on Epicor, WHI, Wrench Head, ShowMeTheParts & MAM



TPMS DIAGNOSTIC TOOL

DY-47 DIAGNOSTIC TOOL WITH INTERNAL OBDII

The new DY-47 tool supersedes the former DY-46 in a more comfortable compact size and a more affordable price point. The DY-47 has all the same functionality as the DY-46, just more compact and includes a NEW built-in OBDII quick connect port.



**FREE
FIVE-YEAR
UPDATES**

- Displays all sensor data in seconds, including the TPMS sensor ID, tire pressure, tire temperature, and battery status.
- Activates, diagnoses and reads 100% of OE and aftermarket TPMS sensors.
- Industry leading coverage for all vehicles globally, including Domestic, Asian and European.
- Includes built-in OBD port and quick connector for easy OBD transferring.
- Provides TPMS sensor part number
- Checks Remote Keyless Entry signal
- User friendly navigation and command buttons
- Frequent database updates via PC desktop software
- Interface in 23 languages
- Five-year **FREE** software updates

Includes	Qty.
OBDII	1
Charger	1
USB Interface	1
Hard Case	1



NEW 1 piece OBD and Cable

TPMS SERVICE KITS

TPMS SERVICE KITS



The OEM requires that the valve stem components are replaced every time the tire is serviced on vehicles with TPMS.



Clamp-In Kit Components	Replacement Reason	Result
(A) Valve Core	Nickel plating strips leading to galvanic corrosion & seized valve cores	Leak at valve core, potential broken valve stem
(B) Valve Cap w/seal	Valve cap seal wear	Allows moisture into core
(C) Hex Nut	Plating worn off, treads corrode	Leak path at valve stem
(D) Grommet/ seal	Crack, deteriorate and leak over	leak path at valve stem
(E) Metal washer (some applications)	Washer conforms to rim during installation	Leak path at valve stem
Clamp-In Kit Components	Replacement Reason	Result
(F) Rubber TPMS snap-in valve	Crack, deteriorate and leak over time	Leak pather at valve stem

Refer to manufacturer's specifications for proper torque requirements when replacing hex nuts and valve cores. These specifications can be found in the Dynamic TPMS Service Kit Application Guide.

6-102 Buick, Cadillac, Chevrolet, GMC, Hummer, Isuzu, Pontiac, Ram, Saab, Saturn Cross-reference: 20004, 20006, 1070K, 92-0125 	6-103 Cadillac, Chevrolet, Chrysler, Dodge, Infiniti, Isuzu, Jeep, Mitsubishi, Nissan, Subaru Cross-reference: 20003, 1080K, 92-0140 	6-106 Ford, Lincoln, Mercury Cross-reference: 20002, 1060K, 92-0115 
6-108 Buick, Cadillac, Chevy, Chrysler, Dodge, GMC, Hyundai, Jaguar, Jeep Cross-reference: 20030, 1050K, 92-0150 	6-109 Acura, Honda, Hyundai, Kia Cross-reference: 20021, 2000K, 92-0246 	6-110 Audi, BMW, Mercedes, Mini, Porsche, Volkswagen Cross-reference: 20023, 1090K, 92-0261 
6-111 Acura, Honda, Kia, Lexus, Pontiac, Scion, Subaru, Toyota Cross-reference: 20032, 1100K, 92-0215 	6-112 Infiniti, Mitsubishi, Nissan Cross-reference: 20010, 1130K, 92-0130 	6-115 Audi, VW Cross-reference: 20017, 1030K, 92-0235 
6-116 Honda, Infiniti, Lexus, Nissan, Toyota Cross-reference: 20031, 1110K, 92-0135 	6-117 Lexus Cross-reference: 20033, 1120K, 92-0155 	6-120 Chevrolet, Chrysler, Dodge, Infiniti, Jeep, Mitsubishi, Nissan, Ram, Suzuki, Toyota Cross-reference: 20016, 2030K, 92-202 

TPMS SERVICE KITS & REPLACEMENT VALVES

TPMS SERVICE KITS

6-122 Saab, Saturn, Suzuki, Volvo Cross-reference: 20009, 2010K, 92-0195 	6-125 Cadillac, Chevrolet, GMC Cross-reference: 20015, 2020K 	6-127 Acura, Honda, Hyundai, Kia, Toyota Cross-reference: 20019, 2040K, 92-0244 
6-129 Audi, VW Cross-reference: 20017, 1031K 	6-138 Acura, Dodge, Honda, Hyundai, Infiniti, Jeep, Kia, Mazda, Mini, Mitsubishi, Nissan, Suzuki, VW, Volvo Cross-reference: 20032, 7020K, 92-3312 	6-139 Acura, Chrysler, Dodge, Jeep, Nissan Cross-reference: 20013, 7000K, 92-3311 
6-207A Buick, Cadillac, Chevrolet, Chrysler, Dodge, Ford GMC, Hyundai, Jeep, Kia, Lincoln, Mazda, Mercury, Mitsubishi, Pontiac, Saab, Suzuki, VW, Volvo Cross-reference: 20008, 20018, VS950, 92-0145 		

TPMS REPLACEMENT VALVES

6-201 Audi, Chevrolet, Chrysler, GMC, Hyundai, Mazda, Mitsubishi, Pontiac, Suzuki, Volkswagen, Volvo Cross-reference: N/A 	6-203 Chrome Valve for Ford Shelby Cobra Optional replacement for 6-207A & DVT-PRO Sensor Cross-reference: VS925C 	6-204 Honda (Long Valve) Cross-reference: 20035, 1097K 
6-205 Acura, Honda, Hyundai, Kia (Short Valve) Cross-reference: 20036, 1096K 	6-206B Mercedes Cross-reference: 20023, 1040K, 92-1170 	6-207A Buick, Cadillac, Chevrolet, Chrysler, Dodge, Ford GMC, Hyundai, Jeep, Kia, Lincoln, Mazda, Mercury, Mitsubishi, Pontiac, Saab, Suzuki, VW, Volvo Cross-reference: 20008, 20018, VS950, 92-0145 
6-208 Cadillac, Chrysler, Dodge, Infiniti, Jeep, Mitsubishi, Nissan Cross-reference: VS90 	6-209 Hyundai Cross-reference: VS1010 	6-210 Kia, Volvo Cross-reference: 20046 

TPMS REPLACEMENT VALVES

TPMS REPLACEMENT VALVES

6-211 Jeep, Ram  Cross-reference: VS65	6-213 Acura, Buick, Cadillac, Chevrolet, Ford, GMC, Honda, Hyundai, Kia, Lincoln, Mazda, Nissan, Toyota Cross-reference: VS20 	6-218 Dodge Sprinter  Cross-reference: 20036, 1098K, 92-1170
6-220 Audi 4, BMW, Porsche Gen I (Silver - 43 mm) Cross-reference: 1092, RDV001 	6-221 BMW Gen I (Green - 48 mm) Cross-reference: 1093, RDV002 	6-222 BMW, Mercedes Gen I (Black - 49 mm) Cross-reference: 1094, RDV003 
6-223 BMW, Mercedes Gen I (Orange - 51 mm) Cross-reference: 1095, RDV004 	6-225/6-225B Aluminum Optional Replacement Valve for 6-207A & DVT-PRO Sensor Cross-reference: VS925A, 34000 	6-228S BMW, Chevrolet, Chrysler, Dodge, Jeep, Mercedes, Mitsubishi, Ram, Toyota Cross-reference: 9066K 
6-231C Adjustable Valve for Acura, Chrysler, Dodge, Honda, Hyundai, Infiniti, Jeep, Kia, Mazda, Mini, Mitsubishi, Nissan, Suzuki, VW, Volvo Cross-reference: VS70 	6-235 Alfa Romeo, Aston Martin, Cadillac, Chevrolet, Infiniti Cross-reference: VS40 	6-236 Hyundai, Kia Cross-reference: VS965 
6-240 Audi, BMW, Mercedes, VW Gen II (Silver - 43mm) Cross-reference: RDV021 	6-241 BMW Gen II (Green - 48mm) Cross-reference: RDV022 	6-242 Audi, BMW, Porsche, VW Gen II (Black - 49mm) Cross-reference: RDV023 
6-243 BMW Gen II (Orange - 51mm) Cross-reference: RDV024 	6-244 Rubber Snap-In Valve Ford, Lincoln, Subaru Cross-reference: VS20 	6-245 Metal Clamp-In High-Pressure Valve Ford, Lincoln Cross-reference: VS240MC 
6-270 Toyota  Cross-reference: VS312	6-503 Nissan  Cross-reference: VS30	6-543C Ram Dually w/OE Alloy Wheels  Cross-reference: VS35

TPMS ASSORTMENTS

TPMS SERVICE KIT & REPLACEMENT VALVES ASSORTMENTS

Dynamic Service Kit & Replacement Valve Assortments contain all of the popular fittings required for TPMS tire servicing. For both domestic and import cars and light trucks.

Each assortment comes in a durable plastic case that keeps all of the fittings organized and easy to find. The detailed lid insert identifies each fitting with a graphic reference and size. Reorder part numbers, quantities and UPC codes are also shown.

Available Assortments:

See Automotive Service Parts Assortment Catalog for specific part numbers and quantities



Valve Maintenance Kit Assortment- No. DY-TPMS-16

OE Replacement Valve Maintenance Kit most popular TPMS service kits for most domestic and imported cars and light trucks.

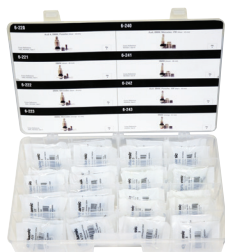
- 17 part numbers
- 350 total pieces



Valve Stem Assortment - No. DY-TPMS-16VSR

Assortment of popular TPMS replacement valve stems.

- 16 part numbers
- 52 total pieces



Valve Stem Assortment - No. DY-TPMS-VSEURO

Assortment includes replacement of corroded or broken OE TPMS valve stem.

- 8 part numbers
- 32 total pieces

TPMS SPECIALTY VALVES & ADAPTERS

TPMS SPECIALTY VALVES

**Chrome Short Metal Valve
Step with TPMS Sensor Loop**
No. TPMS-501

- Includes 2 rubber washers that fit valve hole size 0.452 & 0.61
- 120 Max PSI Rating



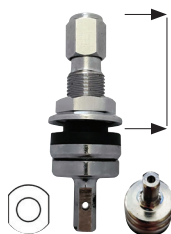
**Valve Stem Short Metal
90° - with Schrader Loop**
No. TPMS-104

- 2.856" Length
- .664" Height
- 120 Max PSI Rating



**OEM Valve Short Stem -
Schrader Style**
No. TPMS-102

- 1.105" Height
- 120 Max PSI Rating



OEM Style Short Rubber Stem
No. TPMS-108

- .960" Height
- 80 Max PSI Rating



Valve Stem Shorty Metal
No. TR559-50

- Included 2 rubber washers that fit valve hole size 0.452 & 0.61
- 120 Max PSI Rating



**Valve Stem Replacement
for Dually**
No. 6-543C



**OEM Huf Replacement
Valve - 43mm Silver**
No. RDV021



**OEM Huf Replacement
Valve - 43mm Black**
No. RDV026



**OEM Huf Replacement
Valve - 43mm Titanium Gray**
No. RDV027



TPMS SPECIALTY ADAPTERS

**Inner Lip Valve Adapter
with Loop**
No. TPMS-101

- NON-Valve
- Use when 2 or more valve holes are present



**Strap Kit (4 Straps, 4 Clips &
4 Keepers)**
No. TPMS-103

- Fits up to 27" wheels
- Includes 4 straps & 4 TPMS brackets



TIRE ACCESSORIES

TIRE ACCESSORIES

Adjustable Pressure Placard Stickers

ADJUSTED PLACARD (COLD INFLATION TIRE PRESSURE VALUES)		
TIRE SIZE	LOAD	Cold Inflation Pressure (PSI)
FRONT		
BACK		
VEHICLE CAPACITY WEIGHT ON TIRE SAFETY PLACARD "Place this NEW Placard near the OE SAFETY PLACARD" DY-APS20		

DY-APS20

Tire & Air Gauges

DY-1889

Tread Gauge



DY-1900

Air Gauge High-Pressure



DY-1901

Air Gauge Low-Pressure



DY-1903

Dual Angle Gauge



DY-1904

Dual Foot Gauge



Caps, Cores & Adapters

DY-128B

Valve Cap - Nylon (Black)

Box of 100



DY-128G

Valve Cap - Nylon (Grey)

Box of 100



DY-158

Black Valve Cap for Shrader 20008

Box of 50



DY-1400

TPMS Nickel-Plated Valve Core

Box of 100



TPMS-501

Low Profile TPMS Valve Stem Adapter

Box of 10



6-543C

TPMS Valve Stem Replacement for Dually

Box of 4



TIRE VALVES

TIRE VALVES

Tubeless Snap-In Valves

Made with EDPM Rubber

65 psi maximum cold inflation pressure - maximum rim thickness .156"



Part No.	Height	Valve Hole	Qty.
TR413-50	.125"	.453"	50
TR413-500	.125"	.453"	500
TR414-50	.125"	.453"	50
TR414-500	.125"	.453"	500
TR418-50	.125"	.453"	50
TR418-500	.125"	.453"	500
TR423-50	.125"	.453"	50

Tubeless Snap-In Valves Chrome Sleeve & Cap

Made with EDPM Rubber

65 psi maximum cold inflation pressure - maximum rim thickness .156"



Part No.	Height	Valve Hole	Qty.
TR413C-50	.125"	.453"	50
TR413C-500	.125"	.453"	500
TR418C-50	.125"	.453"	50
TR418C-500	.125"	.453"	500

High-Pressure Snap-In Valves

Brass/Rubber

80 psi maximum cold inflation pressure - maximum rim thickness .205"



Part No.	Height	Valve Hole	Qty.
TR600HP-50	.127"	.453"	50

Bolt-In Valves Flush Mount

Nickel/Chrome Plated Brass

Torque at 25-45 in-lbs.



Part No.	Height	Valve Hole	Qty.
TR416-50	1.44"	.453"/.625"	50
TR559-50	1.00"	.453"/.625"	50

Truck Tire Valves

Straight

For steel wheels with .625" valve hole



Part No.	Height	Valve Hole	Qty.
TR500T-10	2"	.625"	10
TR501T-10	1.5"	.625"	10
TR572T-10	3.75"	.625"	10
TR573-10	4.375"	.625"	10

60° Bend



Part No.	Height	Valve Hole	Qty.
TR545D	.98"/2.6"	.625"	10
TR554D	.78"/2.13"	.625"	10
TR555D	.78"/2.75"	.625"	10
TR543D	.98"/1.38"	.625"	10
TR544D	.98"/1.94"	.625"	10

13°, 23° & 31° Bend



Part No.	Height	Valve Hole	Qty.
TR571E13-10	3.375"	.625"	10
TR500A-10	.98"/1.94"	.625"	10
TR57F-10	3.75"	.625"	10

TPMS SERVICE TOOLS

TPMS SERVICE TOOLS

Service procedures for replacing TPMS sensors and installing TPMS service kits require the proper tools. Dynamic has the essential tools needed for servicing TPMS vehicles.

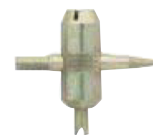
Valve Stem Puller
No. DY-160



TPMS T6 Screwdriver
No. DY-180



4-Way Valve Tool
No. DY-1890



TPMS 4-Way Valve Tool
No. DY-32VNT



This tool is used for removing sensor nuts and seating the sensor grommets. It can be used to remove 11 mm and 12 mm nuts

TPMS Service Tools

Complete TPMS Service Tool Kit
No. DY-312

The DY-312 contains all of the tools needed to service and install TPMS sensors and service kits. All tools are stored and organized in a sturdy plastic case.

Kit No.	Description
DY-001A	Torque Wrench with 11mm & 12mm socket
DY-002A	Torque Tool for Valve & Sensor
DY-150	Valve Core Torque Tool 12 in-lbs. (.45N·m)
DY-164	Grommet Removal Tool
DY-172	Grommet Pick Tool



Torque Wrench with Sockets
No. DY-001A



Torque wrench is used for installing TPMS sensor nuts. Torque range is from 30 in-lbs (3.4 N·m) to 120 in-lbs (13.6 N·m). Includes 11 mm and 12 mm sockets. Comes in a plastic storage case.

Torque Tool for Valve & Sensor
No. DY-002A



Torque tool is used for installing valves on DVT-sensors. Comes with T10 Torx bit for the clamp-in valve and a S7 socket for the snap-in valve. 12 in-lbs (1.4 N·m)

Valve Core Torque Tool
No. DY-150



Tightens valve cores to OE specifications, 3.5-4 in-lbs (.45 N·m). Meets industry recommended torque values. Can also be used to remove valve cores.

Grommet Removal Tool
No. DY-164



This tool is used to remove the old grommet from the TPMS aluminum valve stem.

Grommet Pick Tool
No. DY-172



This tool is used to help remove old and broken grommets from the TPMS aluminum valve stem.