

### VAS611015A Pico Oscilloscope Extended Functionality

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Vehicle Type: **All Porsche Vehicles**

Subject: **Automatic Shipment - PicoScope extended functionality.**

Information: Porsche Special Tools & Equipment has identified the need for extended functionality of the VAS611015A NVH Pico-Scope. This Pico supplement will be used to extend the diagnostic capability of the VAS611015A beyond NVH for use on multiple systems of Porsche vehicles. This package will be delivered via automatic shipment as Minimum Required Tools (MRT).

Shipments from SBS will start on **September 05, 2023**.

This auto-ship package includes 28 different part numbers and 48 total pieces.

Additional Pico expansion sets are available from Porsche.snapon.com as individual components or as a complete set.

**MRT expansion complete set part number - P1OKP535**

**MRT Pico NVH tool - VAS611015A**

Questions:

VAS, VAG, and T tools, contact SBS customer care at 1-855-895-2013 or PorscheTEP@SnapOn.com.

Polaris numbers PNA, 000.721, 918.721, and P tools, create a PRMS ticket. Technical Support > Special Tools

### VAS611015A Pico Oscilloscope Extended Functionality



#### Pico Accessories Carrying and Storage Case

**PA209** | ★ | \$ 140.00\*

Model lines	All Porsche vehicles
Use	Storage of the Pico Accessories
Workshop Manual	General Diagnostic
Order Number	PIOPA209
Supplier	SBS - Porsche.snapon.com
Availability	Immediate availability - Auto-Ship
Location	In Shop with VAS611015A
Note	PA209 case will hold all of the components of this Auto-Ship ment.



#### Pico Telescoping Plastic Case (X2)

**PA038** | ★ | \$ 3.40\* (each)

Model lines	All Porsche vehicles
Use	Storage of the Pico Test Probes and Clips
Workshop Manual	General Diagnostic
Order Number	PIOPA038 (quantity 2)
Supplier	SBS - Porsche.snapon.com
Availability	Immediate availability - Auto-Ship
Location	In storage case - PA209
Note	Used to store the Red and Black probes and clips.

### VAS611015A Pico Oscilloscope Extended Functionality



#### Pico BNC+ COP and Signal Probe

**TA398** | ★ | \$ 208.20\*

Model lines	All Porsche vehicles
Use	Non-intrusive way to check coil-on-plug ignition coils
Workshop Manual	General Diagnostic
Order Number	PIOTA398
Supplier	SBS - Porsche.snapon.com
Availability	Immediate availability - Auto-Ship
Location	In storage case - PA209
Note	Find misfires fast. Displays scope patterns of the secondary, faster than scoping the primary. Can also be used to investigate injectors and other inductive actuators. Flexible design allows for easier access to hard-to-reach components.



#### Pico Multimeter Probe Black (X2)

**TA001** | ★ | \$ 4.90\* (each)

Model lines	All Porsche vehicles
Use	Signal Measurement
Workshop Manual	N/A - General Diagnostic
Order Number	PIOTA001 (quantity 2)
Supplier	SBS - Porsche.snapon.com
Availability	Immediate availability - Auto-Ship
Location	In storage case - PA209
Note	The multimeter probes offer a quick and easy solution, where a permanent connection is not required. The 4 mm socket in the handle of the probe connects straight into one of Pico premium test leads.

### VAS611015A Pico Oscilloscope Extended Functionality



#### Pico Multimeter Probe Red (X2)

**TA002** | ★ | \$ 4.90\* (each)

Model lines All Porsche vehicles

Use Signal Measurement

Workshop Manual General Diagnostic

Order Number PIOTA002 (quantity 2)

Supplier SBS - Porsche.snapon.com

Availability Immediate availability - Auto-Ship

Location In storage case - PA209

Note The multimeter probes offer a quick and easy solution, where a permanent connection is not required. The 4 mm socket in the handle of the probe connects straight into one of Pico premium test leads.



#### Pico Small Crocodile/Gator Clip Black (X2)

**TA003** | ★ | \$ 1.70\* (each)

Model lines All Porsche vehicles

Use Signal Measurement

Workshop Manual General Diagnostic

Order Number PIOTA003 (quantity 2)

Supplier SBS - Porsche.snapon.com

Availability Immediate availability - Auto-Ship

Location In storage case - PA209

Note The crocodile clips are fully insulated with a 4 mm socket in the handle, offering an easy connection to one of Pico premium test leads. The toothed grip offers good contact on fine wire, with a 11 mm jaw opening limit.

### VAS611015A Pico Oscilloscope Extended Functionality



#### Pico Small Crocodile/Gator Clip Red (X2)

**TA004** | ★ | \$ 1.70\* (each)

Model lines All Porsche vehicles

Use Signal Measurement

Workshop Manual General Diagnostic

Order Number PIOTA004 (quantity 2)

Supplier SBS - Porsche.snapon.com

Availability Immediate availability - Auto-Ship

Location In storage case - PA209

Note The crocodile clips are fully insulated with a 4 mm socket in the handle, offering an easy connection to one of Pico premium test leads. The toothed grip offers good contact on fine wire, with a 11 mm jaw opening limit.



#### Pico Large Dolphin/Gator Clip Black (X2)

**TA005** | ★ | \$ 11.00\* (each)

Model lines All Porsche vehicles

Use Signal Measurement

Workshop Manual General Diagnostic

Order Number PIOTA005 (quantity 2)

Supplier SBS - Porsche.snapon.com

Availability Immediate availability - Auto-Ship

Location In storage case - PA209

Note The crocodile clips are fully insulated with a 4 mm socket in the handle, offering an easy connection to one of Pico premium test leads. The toothed grip offers good contact on fine wire, with a 30 mm jaw opening limit.

### VAS611015A Pico Oscilloscope Extended Functionality



#### Pico Large Dolphin/Gator Clip Red (X2)

TA006 | ★ | \$ 11.00\* (each)

Model lines All Porsche vehicles

Use Signal Measurement

Workshop Manual General Diagnostic

Order Number PIOTA006

Supplier SBS - Porsche.snapon.com

Availability Immediate availability - Auto-Ship

Location In storage case - PA209

Note The crocodile clips are fully insulated with a 4 mm socket in the handle, offering an easy connection to one of Pico premium test leads. The toothed grip offers good contact on fine wire, with a 30 mm jaw opening limit.



#### Pico Piercing Clips - set of two

TA007 | ★ | \$ 64.60\*

Model lines All Porsche vehicles

Use Signal Measurement

Workshop Manual General Diagnostic

Order Number PIOTA007

Supplier SBS - Porsche.snapon.com

Availability Immediate availability - Auto-Ship

Location In storage case - PA209

Note Supplied as a set of 2, one red and one black. The piercing clips allow the user to provide the exact pressure needed to pierce the insulation of a wide range of wire types and sizes. The clips also feature a rotating banana jack.

### VAS611015A Pico Oscilloscope Extended Functionality



#### Pico Back-pinning Probe Set

**TA008** | ★ | \$ 40.70\*

Model lines | All Porsche vehicles

Use | Signal Measurement

Workshop Manual | General Diagnostic

Order Number | PIOTA008

Supplier | SBS - Porsche.snapon.com

Availability | Immediate availability - Auto-Ship

Location | In storage case - PA209

Note | Contents:  
7 complete back-pinning probes  
3 screws  
Replacement needles



#### Pico Shrouded to Unshrouded Adaptor Black (x4)

**TA016** | ★ | \$ 1.90\* (each)

Model lines | All Porsche vehicles

Use | Adaptor for Signal Measurement Equipment

Workshop Manual | General Diagnostic

Order Number | PIOTA016 (quantity 4)

Supplier | SBS - Porsche.snapon.com

Availability | Immediate availability - Auto-Ship

Location | In storage case - PA209

Note | These 4 mm shrouded to unshrouded adaptors allow our standard and premium test leads to be connected to any breakout box with unshrouded 4 mm sockets.

### VAS611015A Pico Oscilloscope Extended Functionality



#### Pico Shrouded to Unshrouded Adaptor Red(x4)

TA017 | ★ | \$ 1.90\* (each)

Model lines | All Porsche vehicles

Use | Adaptor for Signal Measurement Equipment

Workshop Manual | General Diagnostic

Order Number | PIOTA017

Supplier | SBS - Porsche.snapon.com

Availability | Immediate availability - Auto-Ship

Location | In storage case - PA209

Note | These 4 mm shrouded to unshrouded adaptors allow our standard and premium test leads to be connected to any breakout box with unshrouded 4 mm sockets.



#### Pico Mounting Magnet

TA096 | ★ | \$ 41.00\*

Model lines | All Porsche vehicles

Use | Mounting magnet for the TA143 Accelerometer.

Workshop Manual | N/A - General Diagnostic

Order Number | PIOTA096

Supplier | SBS - Porsche.snapon.com

Availability | Immediate availability - Auto-Ship

Location | In storage case - PA209

Note | Used to mount NVH equipment.



### VAS611015A Pico Oscilloscope Extended Functionality



#### Pico Premium Test Lead Blue: BNC+ to 4 mm, 3 m

**TA404** | ★ | \$55.10\*

Model lines All Porsche vehicles

Use Signal Measurement

Workshop Manual General Diagnostic

Order Number PIOTA404

Supplier SBS - Porsche.snapon.com

Availability Immediate availability - Auto-Ship

Location In storage case - PA209

Note Fully shielded for the complete length of the signal cable. Color-coded BNCs for the scope connections. Shrouded/stacking banana plugs.



#### Pico Premium Test Lead Red: BNC+ to 4 mm, 3 m

**TA405** | ★ | \$55.10\*

Model lines All Porsche vehicles

Use Signal Measurement

Workshop Manual General Diagnostic

Order Number PIOTA405

Supplier SBS - Porsche.snapon.com

Availability Immediate availability - Auto-Ship

Location In storage case - PA209

Note Fully shielded for the complete length of the signal cable. Color-coded BNCs for the scope connections. Shrouded/stacking banana plugs.

### VAS611015A Pico Oscilloscope Extended Functionality



#### Pico Premium Test Lead Green: BNC+ to 4 mm, 3 m

TA406 | ★ | \$55.10\*

Model lines All Porsche vehicles

Use Signal Measurement

Workshop Manual General Diagnostic

Order Number PIOTA406

Supplier SBS - Porsche.snapon.com

Availability Immediate availability - Auto-Ship

Location In storage case - PA209

Note Fully shielded for the complete length of the signal cable. Color-coded BNCs for the scope connections. Shrouded/stacking banana plugs.



#### Pico Premium Test Lead Yellow: BNC+ to 4 mm, 3 m

TA407 | ★ | \$55.10\*

Model lines All Porsche vehicles

Use Signal Measurement

Workshop Manual General Diagnostic

Order Number PIOTA407

Supplier SBS - Porsche.snapon.com

Availability Immediate availability - Auto-Ship

Location In storage case - PA209

Note Fully shielded for the complete length of the signal cable. Color-coded BNCs for the scope connections. Shrouded/stacking banana plugs.

### VAS611015A Pico Oscilloscope Extended Functionality



#### PicoScope Battery Clip Red

TA157 | ★ | \$ 2.30\*

Model lines All Porsche vehicles

Use Connecting to the 12V Battery

Workshop Manual General Diagnostic

Order Number PIOTA157

Supplier SBS - Porsche.snapon.com

Availability Immediate availability - Auto-Ship

Location In storage case - PA209

Note These plier-type clips are designed for connection to the vehicle battery terminals and fit all Pico BNC-to-4 mm test leads.



#### PicoScope Battery Clip Black

TA158 | ★ | \$ 55.10\*

Model lines All Porsche vehicles

Use Connecting to the 12V Battery

Workshop Manual General Diagnostic

Order Number PIOTA158

Supplier SBS - Porsche.snapon.com

Availability Immediate availability - Auto-Ship

Location In storage case - PA209

Note These plier-type clips are designed for connection to the vehicle battery terminals and fit all Pico BNC-to-4 mm test leads.

### VAS611015A Pico Oscilloscope Extended Functionality



#### Pico Flexible Back-pinning Probe Black (x4)

**TA161** | ★ | \$3.80\* (each)

Model lines | All Porsche vehicles

Use | Signal Measurement

Workshop Manual | General Diagnostic

Order Number | PIOTA161 (quantity 4)

Supplier | SBS - Porsche.snapon.com

Availability | Immediate availability - Auto-Ship

Location | In storage case - PA209

Note | These probes are designed for back-probing under the insulation of multi-plug terminals. Flexible section bends to improve access to difficult areas. Each probe fits onto the 4 mm plug of Pico BNC to 4 mm test leads.



#### Pico Flexible Back-pinning Probe Red (x4)

**TA162** | ★ | \$3.80\* (each)

Model lines | All Porsche vehicles

Use | Signal Measurement

Workshop Manual | General Diagnostic

Order Number | PIOTA162 (quantity 4)

Supplier | SBS - Porsche.snapon.com

Availability | Immediate availability - Auto-Ship

Location | In storage case - PA209

Note | These probes are designed for back-probing under the insulation of multi-plug terminals. Flexible section bends to improve access to difficult areas. Each probe fits onto the 4 mm plug of Pico BNC to 4 mm test leads.

### VAS611015A Pico Oscilloscope Extended Functionality



#### Pico BNC+ 2000 A AC/DC Current Clamp

**TA388** | ★ | \$300.00\*

Model lines	All Porsche vehicles
Use	2000 Amp Measurement
Workshop Manual	General Diagnostic
Order Number	PIOTA388
Supplier	SBS - Porsche.snapon.com
Availability	Immediate availability - Auto-Ship
Location	In storage case - PA209
Note	The 2000 A current clamp allows you to measure up to 2000 amps without cutting, or disconnecting or stripping wires. Simply clamp the jaws around the cable to be tested and plug the clamp into your PicoScope.



#### Pico BNC+ 60A AC/DC Current Clamp

**TA473** | ★ | \$300.00\*

Model lines	All Porsche vehicles
Use	60 Amp Measurement
Workshop Manual	General Diagnostic
Order Number	PIOTA473
Supplier	SBS - Porsche.snapon.com
Availability	Immediate availability - Auto-Ship
Location	In storage case - PA209
Note	Measure currents between 10 mA and 60 A. This enables the PicoScope to display current waveforms for fuel injectors and fuel pumps. No need to open the circuit. Open jaws clamp around the current-carrying conductor.

### VAS611015A Pico Oscilloscope Extended Functionality



### Pico Ultrasonic Parking Sensor Detector Red

TA329 | ★ | \$28.80\*

Model lines	All Porsche vehicles
Use	Ultrasonic parking sensor detection
Workshop Manual	General Diagnostic
Order Number	PIOTA329
Supplier	SBS - Porsche.snapon.com
Availability	Immediate availability - Auto-Ship
Location	In storage case - PA209
Note	By directly showing the strength of the signal from a given sensor, it can also be used to identify problems with the masking of sensors due to the installation of aftermarket accessories.



### Pico Keyless Entry Carrier Signal Detector Green

TA330 | ★ | \$28.80\*

Model lines	All Porsche vehicles
Use	Keyless entry carrier signal detection
Workshop Manual	General Diagnostic
Order Number	PIOTA330
Supplier	SBS - Porsche.snapon.com
Availability	Immediate availability - Auto-Ship
Location	In storage case - PA209
Note	The device has a short range by design, allowing the technician to check each pickup coil. The detector does not pick up or decode the high-frequency secure information used to unlock the vehicle.

### VAS611015A Pico Oscilloscope Extended Functionality



#### Pico BNC+ 10:1 Attenuating Test Lead 2.5m (X2)

TA506 | ★ | \$ 74.60\*

Model lines	All Porsche vehicles
Use	CAN and FlexRay Signal Measurement
Workshop Manual	General Diagnostic
Order Number	PIOTA506 (quantity 2)
Supplier	SBS - Porsche.snapon.com
Availability	Immediate availability - Auto-Ship
Location	In storage case - PA209
Note	With a fixed x10 attenuation it is intended for high-speed signals like CAN, FlexRay and also for higher voltage signals such as primary ignition.



#### J2534 Lead: Mongoose-Plus ISO/CAN 3

TA512 | ★ | \$ 393.50\*

Model lines	All Porsche vehicles
Use	OBD2 vehicle interface
Workshop Manual	General Diagnostic
Order Number	PIOTA512
Supplier	SBS - Porsche.snapon.com
Availability	Immediate availability - Auto-Ship
Location	In storage case - PA209
Note	Mongoose-Plus device J2534 pass-thru technology, provides an easy-to-use vehicle interface for the reliable acquisition of vehicle speed signals.

### VAS611015A Pico Oscilloscope Extended Functionality

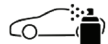

General  
Information:

#### Ordering process

Tools identified with a prefix of VAS, VAG and T place orders via [porsche.snapon.com](https://porsche.snapon.com).

Tools with a prefix of 000 721, 918 721, PNA or P place orders via POLARIS (PPL).

#### Workshop Equipment Classification

- ★ Servicing and maintenance
- ★★ Replacement of units and assemblies
- ★★★ Disassembly of units and assemblies
- ★★★★ Rental
-  Body & Paint
-  High-voltage

#### Special Tool Ordering & Support:

For questions related to VAS, VAG, and T tools:  
contact SBS customer care at 1-855-895-2013 or [PorscheTEP@SnapOn.com](mailto:PorscheTEP@SnapOn.com).

For Polaris numbers 000.721, 918.721, PNA and P tools:  
create a PRMS ticket. Technical Support >> Special Tools

**\*All prices shown are valid as of the day of publishing and are subject to change without notice.**







TA512 Mongoose-Plus ISO/CAN3 w/J2534 lead

Black probes and clips - See Next Page

TA007 - Insulation piercing test clips (2 stacked)

TA473 Pico BNC+ 60A AC/DC Current Clamp

Red probes and clips: See Next Page

TA388 Pico BNC+ 2000A AC/DC Current Clamp

TA096 Replacement Accelerometer magnet

TA008 Acupuncture (back pinning) Probes

TA398 Pico BNC+ Coil on Plug/Signal probe  
 TA404 PicoBNC+ Test Lead: 4mm permanent ground, 3m Blue  
 TA405 PicoBNC+ Test Lead: 4mm permanent ground 3m, Red  
 TA406 PicoBNC+ Test Lead: 4mm permanent ground 3m, Green  
 TA407 PicoBNC+ Test Lead: 4mm permanent ground 3m, Yellow  
 TA329 Ultrasonic parking sensor detector  
 TA330 Keyless entry carrier signal detector  
 TA506 BNC+ 10:1 Attenuating Test Lead (2)



- PA038 Telescoping Plastic Case
- TA001 Multimeter Style Test Probe – black (2)
- TA003 Small crocodile clip – black (2)
- TA005 Large Dolphin Clip 1000v CATIII – black (2)
- TA016 4mm shrouded to unshrouded adaptor black (4)
- TA158 Battery clip 4mm socket (black) (1)
- TA161 Flexible back pinning probe (black) (4)



- PA038 Telescoping Plastic Case
- TA002 Multimeter Style Test Probe - red (2)
- TA004 Small crocodile clip - red (2)
- TA006 Large Dolphin Clip 1000v CATIII - red (2)
- TA017 4mm shrouded to unshrouded adaptor red (4)
- TA157 Battery clip 4mm socket (red) (1)
- TA162 Flexible back pinning probe (red) (4)