

**The MULTI-UTILITY  
tool**

**AXONE**

**TEXA**

# AXONE S: the multi-utility tool

The number of electronic systems installed on vehicles has soared in recent years, and electronics have evolved on all components. As a result, technicians are no longer alone in needing a multi-brand diagnostic tool to dialogue with electronic control units. Diagnostic tools are rapidly becoming indispensable to technicians working in specific areas of vehicle maintenance, such as tyre fitters, fast-fit service stations. It is virtually impossible to do a growing number of jobs on modern vehicles without an efficient diagnostic tool, with worrying consequences for the future of many businesses. Until today, no diagnostic tool really fulfilled the needs of vehicle specialists of this kind. If they wanted one, they had to buy a costly and sophisticated model intended for the all-round mechanic, though they would never need most of the functions it provided. Now, TEXA has filled this gap in the market with AXONE S (which comes complete with a Navigator nano S vehicle interface with which it communicates over a Bluetooth link). The AXONE S is the first product of its kind: a true multi-utility diagnostic tool. Thanks to TEXA's clever multi-utility approach, specialists of all kinds can finally purchase a diagnostic tool with exactly the right functions for their own professional needs. At last, you can find a tool that provides complete support for all the jobs you have to tackle on a daily basis, with quick and intuitive navigation with no unnecessary functions.



The following utilities are currently available and tailored to specific professional profiles:

## DIAGNOSIS:

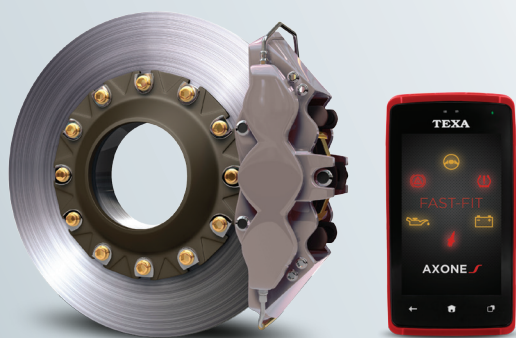
the perfect utility for technicians who want a simple, entry level diagnostic tool to serve their customers, and for garages that want a second or personal tool to complement their main diagnostic system.

**page 10**

## FAST-FIT:

the utility that allows specialists in the growing number of fast-fit centres to perform important service and repair tasks requiring specific and detailed procedures.

**page 14**



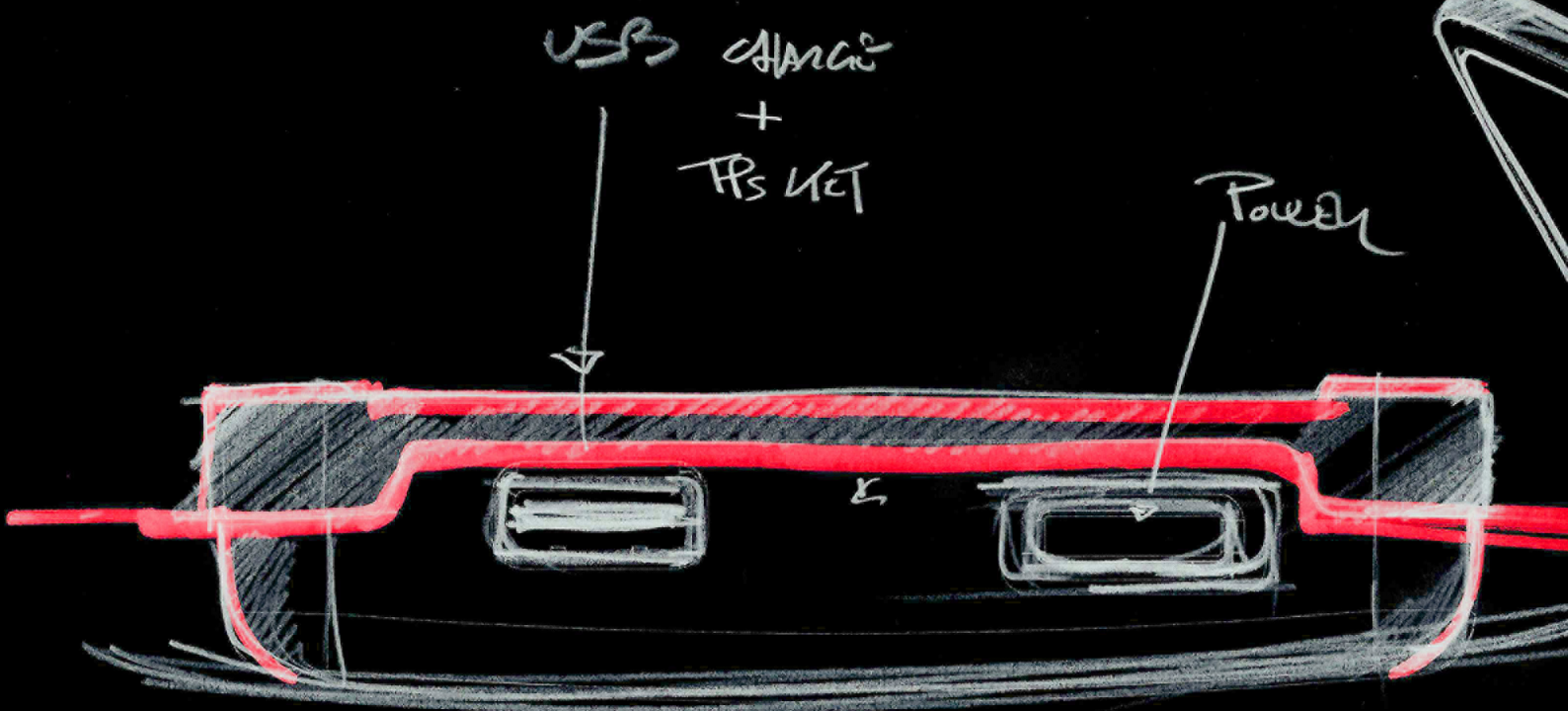
## TPS:

the utility for the modern tyre fitter, who needs a tool capable of performing operations connected with the TPMS system (which becomes obligatory from November 2014), including the programming of valve sensors and control units.

**page 18**

All three utilities can be loaded into the same tool, allowing users to extend their services and expand their business.



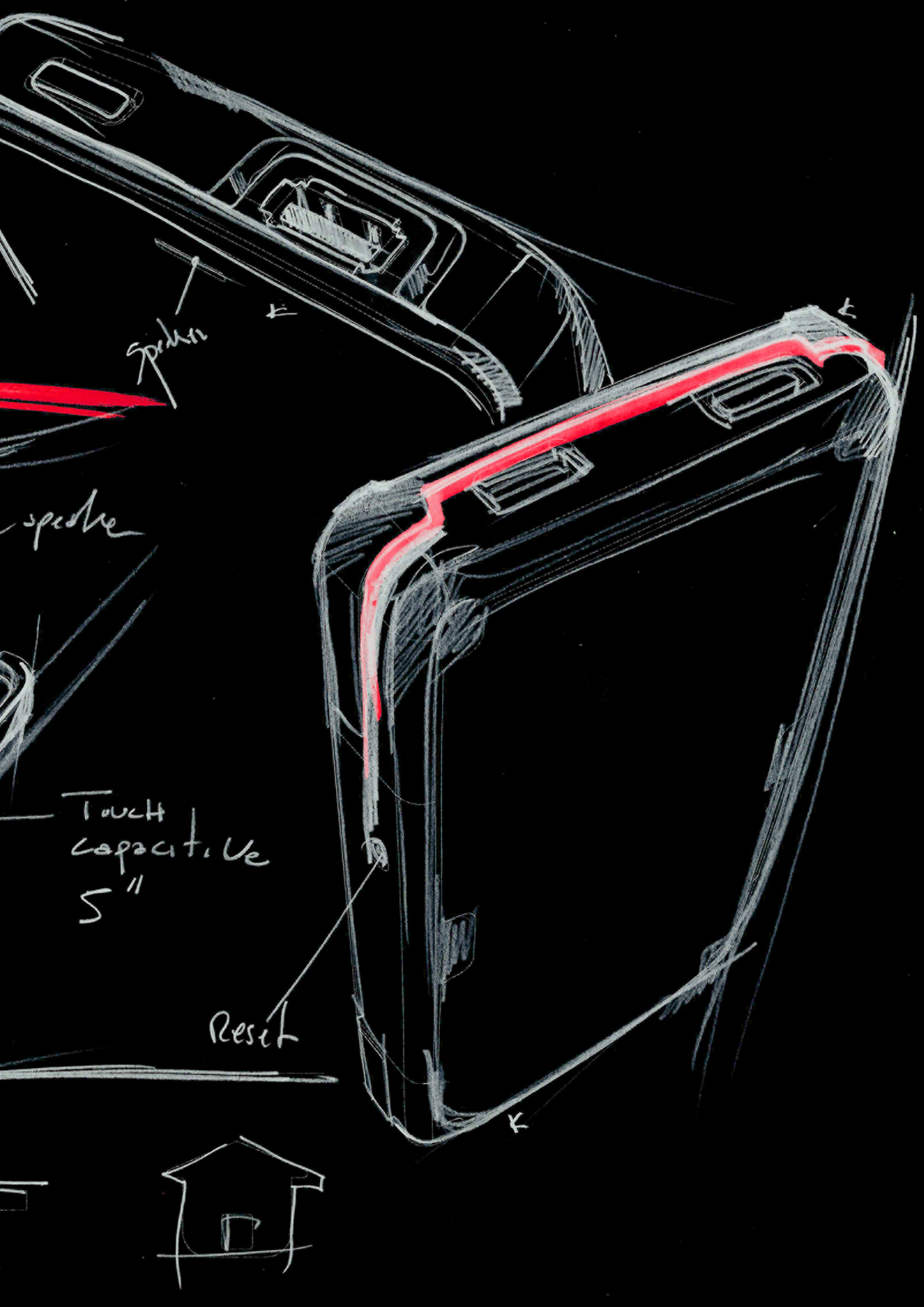


## Stylish, robust and lightweight

Like all TEXA tools, AXONE S stands out for its stylish looks and quality construction. Its outer shell is made from robust magnesium alloy for exceptional strength and light weight.







# Advanced technology

AXONE S is equipped with a generous 5 inch capacitive LCD-TFT touchscreen. This type of display offers numerous benefits, including high sensitivity for a rapid response to even the lightest touch, and excellent luminosity.

AXONE S runs on a Cortex-A8 800 Mhz processor with a 2D and 3D graphic accelerator.

AXONE S comes complete with the robust Navigator nano S vehicle interface.







## TEXA

vin, modello e motore

- VOLKSWAGEN Golf V (1.6i 16v FSI Kat Multipoint compul...)
- VOLKSWAGEN Golf VI (1.6i Kat Borfius 2 volumi BSE (199084))
- FORD Focus (1.6i Kat Borfius 2 volumi BSE (199084))
- ALFA ROMEO 147 (1.9 JTD 1600000 (199084))
- VOLKSWAGEN Golf V (1.6i 16v FSI Kat Multipoint compul...)



# IDC4a for high speed functionality

The AXONE S uses the Jelly Bean 4.2.2 version of the Android™ operating system. Development for Android™ has made TEXA's celebrated IDC4 diagnostic software easier than ever to use, thanks to the operating system's highly intuitive gestures. IDC4 for Android™ is ideal for the purposes for which AXONE S is intended, i.e. a multi-utility tool for daily use focused on a specific set of operations that need to be completed conveniently and quickly.



Practical **widgets** for returning to recently used functions directly from the AXONE S home page. Recent functions are stored in memory and can be accessed with a simple touch.

A **drawer** at the top left of the display lets you access all the most useful applications immediately.

## Magnifying glass.

Located at the top right of the screen, the magnifying glass lets you search for vehicles and parameters far more quickly.

**One click** function for instant access to the most frequently used functions.



# AXONE

is an engine  
normally a fuel  
system  
part of  
the fuel com-  
bustion system  
is produced  
the compo-  
nents





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# AXONE S DIAGNOSIS utility

The Diagnosis utility turns AXONE S into an easy and intuitive diagnostic tool for the CAR and BIKE environments. This configuration is ideal for large garages who already have a main diagnostic tool but need a second one, or for garages who want to provide all their technicians with a portable, personal tool. It is also ideal for technicians who want a simple solution to satisfy the needs of their customers but do not want to do without TEXA's extraordinary diagnostic functions and vehicle coverage.

AXONE S is also a great alternative for technicians setting up their own business and for small businesses adding another work bay. It's perfect for use with motorcycles too. While it does not have all the functionalities found on TEXA's top of the range tools, AXONE S nevertheless shares with them the same model coverage, as well as other important functions like TGS3s, Scan VIN, "SOLVED PROBLEMS", EOBD Scan Tool, Vehicle Maintenance, Settings and Codes, Device Check and many more besides.

## TGS3s

TGS3s is an amazing automatic function that scans all the diagnosable ECUs on a vehicle. After an extremely rapid scan, TGS3s processes the results, flags up any problems and permits access to each individual system for auto diagnostics.



## Vehicle search by VIN

This function identifies the exact model of vehicle you are working on when you enter its VIN code. Just type in the VIN code and the software immediately finds the precise make and model of vehicle involved.



## Technical bulletins

These provide superbly accurate information on the selected vehicle, including instructions for performing manual resets after servicing, overviews of specific electro-mechanical systems and more besides.



## "SOLVED PROBLEMS"

powered by Google (optional)

This function allows you to interrogate TEXA's databases to search for repair procedures that have been tried and tested by technicians around the world and collected by TEXA's international call centres. "SOLVED PROBLEMS" even lets you consult error codes in just one click! Just enter the diagnostic error code to obtain a detailed explanation of its meaning.





**IDC4a** also lets you access other useful vehicle service functions, including **Vehicle Maintenance, Settings, Adjustments,** and **Device Check.**







IDC4a software gives you direct access to all basic functions: PARAMETERS, ERRORS, STATES, ECU INFO, ACTIVATIONS and SETTINGS. It also lets you switch from one function simply by swiping

the screen to the left or right.

The selections you enter during the course of your work are stored in its memory and remain readily available.





2.0 16v TDI Compact car AZV [01/05>--/...



## SELF DIAGNOSIS

PLANT



ABS

INFO ECU

100.0



Air conditioner



Airbag



Automatic transmission



CAN line



Comfort system



VIN



TGS3s

Favourite

PARAMETERS

Info ECU

Serial number

002000251803

Diagnosis version

31324627 AA

Software number 1

31346425 AA

Software number 2

31346428 AA

Software number 3

31346428 AA

Desired position of air distribution

openings servomotor 49.3

Desired position of defroster

openings servomotor 76.5

Current position of external air and

recycle openings servomotor 37.5

Current position of left mixed air recycle

openings servomotor 26.7

Desired position of defroster

openings servomotor 55.7

Desired position of external air

recycle openings servomotor 37.5

Desired position of right mixed

air openings servomotor 26.7

Desired position of right mixed

air openings servomotor 28.8

Desired position of right mixed

air openings servomotor 28.8

Desired position of right mixed

air openings servomotor 28.8

Desired position of right mixed

air openings servomotor 28.8

Desired position of right mixed

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Desired position of right mixed

air openings servomotor 28.8

Desired position of right mixed

air openings servomotor 28.8

Desired position of right mixed

air openings servomotor 28.8







# AXONE S FAST-FIT utility

AXONE S with the FAST-FIT utility is the perfect tool for fast-fit centres that also service (maintain or repair) specific vehicle systems.

The FAST-FIT utility lets you quickly, safely and independently resolve faults in braking, air conditioning, starting, battery, instrumentation, steering and lighting systems, adjust certain engine parameters, and perform extremely useful service resets.

All you need to do is select the make and model of the vehicle you are working on from TEXA's vast database,

and the software automatically lists what service functions are available for it.

A Bluetooth module connects AXONE S to the Navigator nano S, allowing you to do away with cables and move effortlessly around the vehicle without losing communication with its control units.

In addition to subscribing to regular updates in make and model coverage, you can even purchase the other utilities to extend the functionality of your AXONE S and turn it into a real multi-utility tool.



**AIR-CONDITIONING/HEATING**



**BRAKES/PARKING BRAKE**



**ENGINE (including EOBD diagnostics)**



**SERVICE RESET**



**BATTERY/STARTER MOTOR**



**INSTRUMENTS**



**HEADLIGHTS/TAIL LIGHTS/INDICATORS**



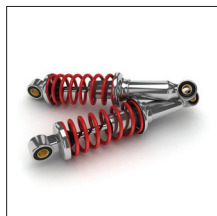
**STEERING AND STEERING COLUMN**



**RIDE/SUSPENSION**

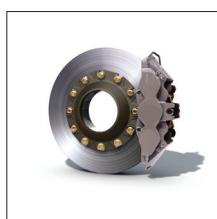
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# A few examples of the jobs you can do with the FAST-FIT utility:



## **Suspension settings**

On some vehicles, suspension service procedures require a diagnostic tool to calibrate ride height. The IDC4a FAST-FIT utility lets you perform this task simply and safely, and even provides clearly illustrated instructions on how to proceed, describing each step in the process to ensure that work is completed correctly and efficiently.



## **Replacing brake pads**

A growing number of vehicle manufacturers require the use of a diagnostic tool to replace brake pads. AXONE S lets you perform this essential task by opening brake calipers quickly and easily to replace pads in total safety.



## **Calibrating steering angle sensors**

Calibrating steering angle sensors has become an extremely frequent task, but needs to be done correctly to avoid wasting valuable time. A complete and reliable tool is essential to calibrate steering sensors, since accurate information must be obtained on how to perform the procedure exactly as the manufacturer requires.



## **Service resets**

Nowadays, nearly all new models require the SERVICE warning to be reset after ordinary maintenance operations like oil changes, fuel and cabin filter replacements. The AXONE S FAST-FIT utility makes this job easy by providing accurate information and permitting service warnings to be reset quickly and professionally.



## **Instrument panel language changes**

AXONE S with the FAST-FIT utility lets you change INSTRUMENT PANEL settings too. On some BMW models in particular, you can change the language displayed on the instrument panel. With AXONE S FAST-FIT, you can change the language of the car's control system to suit its owner's preferences in just a few minutes.



## Installing and configuring batteries

Some makes, BMW and AUDI for example, have adopted a special battery control system to identify and manage battery parameters. When a new battery is installed, the system has to be re-configured to allow the new battery to be recognised as part of the electrical system and its functioning optimised. TEXA AXONE S lets you complete this procedure quickly and easily.



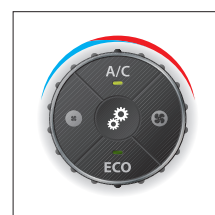
## Adjusting xenon headlights

Many vehicles today are equipped with headlights that modify their angle to suit the load. These systems require frequent re-calibration. In these systems, each headlight is equipped with a position sensor that has to be correctly calibrated. Impressive diagnostic resources allow IDC4a FAST-FIT software to adjust and test the alignment of xenon headlights effortlessly.



## A/C refrigerant changes (R134a and the new R1234yf)

On recent models, recharging the air conditioning system is not enough to restore correct functioning. On many Mercedes-Benz cars, for example, the air conditioning control unit has to be reset after recharging, or the system will not work.



The AXONE S lets you perform this task easily and provides specific sets of checks and codes for vehicle air conditioning systems.



**AXONE S:**  
**small in size,**  
**big in practicality**

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# AXONE S TPS utility

AXONE S with the TPS utility is a great tool for tyre fitters.

As you know, European legislation requires that from 1<sup>st</sup> November 2014, all vehicles designed for the transport of passengers must be equipped as standard with TPMS (Tyre Pressure Monitoring System).

TPMS systems generally use four sensors, one on each of the tyre inflation valves. Each sensor can measure tyre pressure, temperature and movement. The sensors are powered by a small lithium battery and dialogue with a receiver or control unit over a radio link. TPMS systems are very sophisticated and working on them can be particularly challenging because there is not yet any standard governing their form, positioning and radio frequency.

A technically evolved tool is therefore essential to tackle TPMS maintenance work effectively.

Interaction with the TPMS system is necessary not only to remedy malfunctions or reset warning lights, but after all the routine operations that tyre fitters have to handle on a daily basis, including fitting new tyres, switching between summer and winter tread patterns and rotating tyres to limit wear.

In conjunction with the USB TPS KEY kit, the Navigator nano S interface, and IDC4a TPS software, the AXONE S lets you test and service the tyre inflation sensors and pressure monitoring control units, and lets you reset pressure warning alarms too – tasks you simply cannot do with many alternative tools.

TEXA's coverage of makes and models is amazing, and you can also subscribe to regular updates.









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# TPS, FAST-FIT or DIAGNOSIS: fantastic coverage, with regular updates

TEXA's vehicle database gives you fantastic coverage, with over 400,000 make and model selections, thanks to input from TEXA research centres around the world. The AXONE S therefore guarantees unrivalled effectiveness in the workshop. The following is a list of the makes the AXONE S can work with, just to give you an idea of the tool's amazing diagnostic potential:

## DIAGNOSTIC COVERAGE, CAR\*

ABARTH	FIAT	LAND ROVER	ROVER	SUPERCAR
ACURA	FORD	LEXUS	SAAB	ALFA ROMEO
ALFA ROMEO	GAZ	LOTUS	SCION	BENTLEY
ASTON MARTIN	GONOW	MAHINDRA	SEAT	CHEVROLET
AUDI	GREAT WALL	MARUTI	SKODA	DODGE
AUTOBIANCHI	HONDA	MAYBACH	SMART	LAMBORGHINI
BMW	HUMMER	MAZDA	SPERANZA	PORSCHE
CADILLAC	HYUNDAI	MERCEDES-BENZ	SSANGYONG	FERRARI
CHERY	IKCO	MG	SUBARU	MASERATI
CHEVROLET	INFINITI	MINI	SUZUKI	MORGAN
CHRYSLER	INNOCENTI	MITSUBISHI	TATA	PAGANI
CITROEN	ISUZU	NISSAN	TOYOTA	
DACIA	JAGUAR	OPEL (GM)	UAZ	
DAEWOO	JEEP	PERODUA	VAZ	
DAIHATSU	KATAY	PEUGEOT	VOLKSWAGEN	
DODGE	KIA	PORSCHE	VOLVO	
DR	LADA	RENAULT		
FAW	LANCIA	RENAULT SAMSUNG		

## TPMS COVERAGE

ABARTH	CITROEN	INFINITI	MAYBACH	ROLLS ROYCE
ACURA	DACIA	ISUZU	MAZDA	SAAB
ALFA ROMEO	DAEWOO	JAGUAR	MERCEDES	SKODA
ASTON MARTIN	DODGE	JEEP	MERCURY	SMART
AUDI	FERRARI	KIA	MINI	SUBARU
BENTLEY	FIAT	LAMBORGHINI	MITSUBISHI	SUZUKI
BMW	FORD	LANCIA	NISSAN	TOYOTA
BUGATTI	GMC	LAND ROVER	OPEL	VAUXHALL
CADILLAC	HONDA	LEXUS	PEUGEOT	VOLKSWAGEN
CHEVROLET	HUMMER	LOTUS	PORSCHE	VOLVO
CHRYSLER	HYUNDAI	MASERATI	RENAULT	

\* Coverage for lightweight vehicles can be added with a dedicated app.

To check the extraordinary coverage of TEXA products, go to:

**[www.texa.com/coverage](http://www.texa.com/coverage)**



AXONE S  
covers over 90%  
of motorcycles currently  
in circulation.





# UTILITY solutions



## DIAGNOSIS utility

Navigator nano S  
AXONE S  
IDC4a DIAGNOSTIC software



## FAST-FIT utility

Navigator nano S  
AXONE S  
IDC4a FAST-FIT Software



## TPS utility

TPS KEY  
Navigator nano S  
AXONE S  
IDC4a TPS Software



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# TEXA

TEXA was established in 1992 at Monastier di Treviso, and today is a European leader in the design and production of multibrand diagnostic tools, exhaust gas analysers and air conditioning maintenance stations.

TEXA operates virtually all over the world through an extensive distribution network. In Spain, France, Great Britain, Germany, the United States, Poland, Russia and Japan, TEXA markets its products directly through its own subsidiaries.

TEXA employs some 450 people around the world, including over 100 engineers and specialists working in Research and Development. TEXA has also received extensive international recognition over the years. TEXA won the prestigious Frost & Sullivan award in 2006 and 2007 and won the GIPA (Groupement Inter Professionnel de l'Automobile) prize in 2009 for its TEXAEDU program

and again in 2013 for Communications. Also in 2009 TEXA won a gold medal at the Grand Prix Internationaux de l'Innovation Automobile in Paris. In 2010 TEXA won the Innovation award at Automechanika Frankfurt, and in 2011 the "Galeria de Innovacion" award at Motortec in Madrid.

In 2011, the President of the Italian Republic, Giorgio Napolitano, presented TEXA's founder and CEO, Bruno Vianello, with the national award reserved for Italy's most innovative company. All TEXA tools are designed, engineered and built in Italy, using modern automated production lines, a guarantee of maximum precision. TEXA focuses careful attention on product quality, and has obtained certification in accordance with the strict ISO TS 16949 requirements for suppliers of original equipment to the automotive industry.





# Technical specifications

**Processor:** ARM Cortex A8 800 MHz

**RAM:** 1 GB DDR3

**Flash memory:** 4 GB INAND

**Memory expansion:** SD Card

**Operating system:** Android™ JB 4.2.2

**Display:**

Dimensions: 5 inch, 32 M colours

Type: LCD-TFT

Resolution: 800x480 pixels

Touchscreen: capacitive

**Visual signalling:** RGB LEDs

**Acoustic signalling:** built-in speaker

**Power supply connector:**

USB connector with proprietary cable

**Communication connector:**

USB connector with proprietary cable

**Wireless connectivity:**

Bluetooth class 2

WiFi 802.11 b / g / n, supports WPA / WPA2

Built-in antenna

**External power supply:** 5 V, 1.2 A

**Operating temperature:** 0 to 45 °C

**Dimensions:** 158x83.5x17.5 mm

**Weight:** 215 g

To check out the extensive coverage of TEXA products, go to:  
**[www.texa.com/coverage](http://www.texa.com/coverage)**

To check on IDC4 compatibility and minimum system requirements, go to:  
**[www.texa.com/system](http://www.texa.com/system)**

**WARNING**

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COMPANY WITH  
QUALITY SYSTEM  
CERTIFIED BY DNV  
= ISO 9001 =



ALL TEXA PRODUCTS  
ARE GUARANTEED FOR  
24 MONTHS



MADE IN ITALY



**TEXA**

**TEXA S.p.A.**

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