

# ADAS Solutions



Maintenance of advanced driver assistance systems

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



# Choosing TEXA means specialist training and insurance cover too

Purchasing a TEXA tool gives you access to a complete solution that guarantees continuous use of products and services designed to satisfy all kinds of professional requirements, from dedicated garage tools to operating software, specialist training and customer services.

In keeping with its long history of innovation, today TEXA is the first company in the world to offer its customers a new type of support service. This new service is designed to help mechanics **keep up with the latest market developments**.

Car manufacturers have recently begun installing smart, sophisticated driver assistance systems even in mid-range models. The new systems the modern mechanic has to deal with include radar, video cameras, dynamic lighting, and infrared sensors, to name just a few. Checking, servicing and repairing



ADAS systems.  
Why choose TEXA?



## EASE OF USE

User-friendly TEXA diagnostic software guides you through all the necessary steps, from correct panel positioning to the calibration procedure as such.



## MODULARITY

Thanks to its modular architecture, this TEXA solution lets you build up the combination of calibration panels most suited to your own professional needs.

the active driver support systems that use these devices requires specialist skills and know-how. And these skills need to be constantly updated to keep pace with the rapid evolution of these smart systems. There are also risks involved in the repair and adjustment of these delicate functions. But this is how the real world works, today and tomorrow!

The need for adequate **knowledge and risk management** led TEXA to devise a special, new, continuous training package of annual duration, named **"New technologies and advanced repair methods"**.

Subscription to the package includes an important new service. Annual participation in dedicated update courses includes (at no extra cost) a unique insurance policy designed to safeguard and protect garages and mechanics from potential problems (such as vehicle malfunctions, breakdowns and damage in general) deriving from the repairs they carry out.

In short, training, updates and insurance guaranteed over time, in a single, exclusive package!



## TEXAEDU COURSE\*

A specialised training in support of operators is available thanks to the course D9C Camera diagnosis and calibration.



## CONTINUOUS TRAINING\*

Annual update and insurance policy that protects the workshop and the vehicle repairer against vehicle malfunctions following repairs.

\* Check the availability in your reference market.

# Solutions for the calibration of vehicle video cameras (ADAS)

Amongst the many electronic systems vehicles are equipped with, increasing importance is given to the Advanced Driver Assistance Systems (ADAS) such as park assist, lane guidance and emergency braking assist.

With this in mind TEXA have developed the "Video Camera Calibration Kit" made up of several panels divided by make which, in combination with the diagnostic tool, allow a correct calibration of the sensors that are part of these systems.

Thanks to its "modular" architecture, TEXA's solution allows you to create the best combination of calibration panels based on your professional needs. The software supplies instructions through embedded help files to ensure correct positioning of the panel and guides the technician step by step through all stages of the calibration process. The help sheets are specific for each make/model are used for the setup of the panels (including the height of the panel, the distance from the vehicle, the alignment etc.). In order to provide the technician with the best support possible during the calibration, TEXA has also developed ADAS, a specific App that simplifies the selection of the correct vehicle and of the specific electronic system that must be calibrated, offering direct access to the functions:



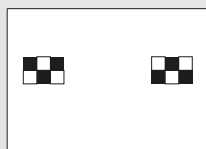
AUTOMATIC RADAR CALIBRATIONS\*

VIDEO CAMERA/PARK ASSIST

You may activate these applications by simply accessing the TEXA APP virtual store.

NOTE: not all makes and/or models need an external device in order to complete the calibration procedure.  
\* The radar calibration functions currently available are automatic procedures and do not require the use of the panels.

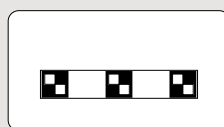
## CAR ADAS KIT



**NISSAN**  
(front)



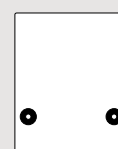
**NISSAN/INFINITI**  
(front)



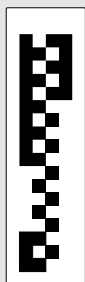
**TOYOTA Type 1**  
(front)



**TOYOTA Type 3-2**  
(front)



**MAZDA**  
(front)



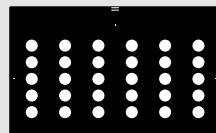
**KIA/HYUNDAI Type 2  
FIAT 500X,  
JEEP RENEGADE  
(front)**



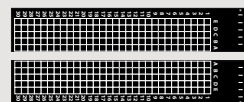
**HONDA  
(front)**



**HONDA Type 2  
(front)**



**ALFA GIULIA  
(front)**



**RENAULT/SMART**

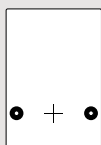
# Calibration kit for trucks and commercial vehicles

Some makes of truck and commercial vehicle also require special tools to calibrate driver assistance systems like the video cameras, radar and sensors that govern Adaptive Cruise Control, the system that maintains a constant, safe distance from the vehicle in front. TEXA's solution is made up of a series of video camera calibration panels for specific makes of vehicle and an optical adjustment system that includes a measurement beam and the laser devices essential for ensuring the correct alignment and calibration of WABCO, TRW and TRW/Knorr radar devices. IDC5 software guides you step by step through all tasks, even on vehicles that use on-road auto-calibration procedures.



N.B. Not all makes and/or models require an external device to perform the calibration process.

## CAR ADAS KIT



**MERCEDES**  
(front)



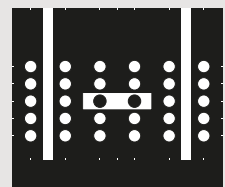
**MERCEDES Type 1**  
(rear)



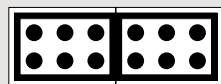
**MERCEDES Type 2**  
(rear)



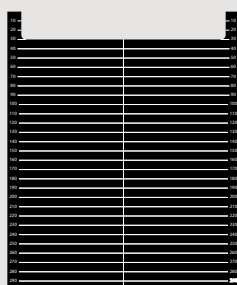
**MERCEDES NIGHT VISION**  
(front)



**VAG**  
(front)

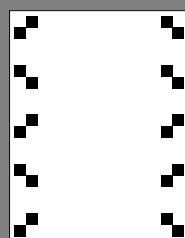


**VAG**  
(rear)



**MAT PLUS**  
Universal calibration  
mat with laser levels

## KIT ADAS TRUCK



**VOLVO TRUCK Euro 6**



**MAN  
SCANIA  
DAILY 2014**

The TRUCK ADAS Kit also includes a set of laser measuring heads (see photo) and the WABCO mirror adapter. The WABCO mirror is available as an optional.

# TEXA

TEXA was established in Italy in 1992, and today is one of the world's leading names in the design and production of multibrand diagnostic and telediagnostic 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, Brazil, the United States, Poland, Russia and Japan, TEXA markets its products directly through its own subsidiaries. TEXA employs some 600 people around the world, including over 100 engineers and specialists working in Research and Development.

TEXA has won many international awards over the years, including the Innovation Award at Automechanika in Frankfurt (2010 and 2014), the "Award of Awards" for the most innovative company in Italy, presented by the President of the Republic, Giorgio Napolitano (2011), the Irish Automotive Innovation Award (2014) and the Golden Key Award in Moscow (2014 and 2015). In 2015, MIT Technology Review classed TEXA as one of the ten most "disruptive" companies in Italy. Also in 2015, TEXA won the Frost & Sullivan "European Commercial Vehicle Diagnostics Customer Value Leadership".

All TEXA tools are designed, engineered and built in Italy, using modern automated production lines which guarantees 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.

## **WARNING**

The trademarks and logos of vehicle manufacturers in this document have been used exclusively for information purposes and are used to clarify the compatibility of TEXA products with the models of vehicles identified by the trademarks and logos. Because TEXA products and software are subject to continuous developments and updates, upon reading this document they may not be able to carry out the DIAGNOSTICS of all the models and electronic systems of each vehicle manufacturer mentioned within this document. References to the makes, models and electronic systems within this document must therefore be considered purely indicative and TEXA recommends to always check the list of the "Systems that can be diagnosed" of the product and/or software at TEXA authorised retailers before any purchase. **The images and the vehicle outlines within this document have been included for the sole purpose of making it easier to identify the vehicle category (car, truck, motorbike, etc.) for which the TEXA product and/or software is intended.** The data, descriptions and illustrations may change compared to those described in this document. TEXA S.p.A. reserves the right to make changes to its products without prior notice.

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To check on IDC5 compatibility and minimum system requirements, go to: **[www.texa.com/system](http://www.texa.com/system)**

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