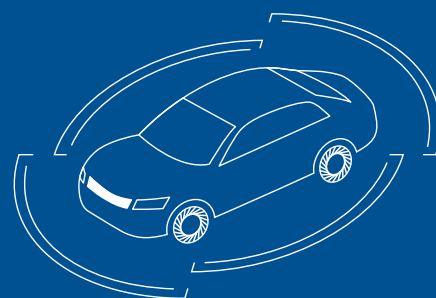


Solutions for the diagnosis and calibration of driver assistance systems





Extremely practical:

ADAS technology integrates with wheel alignment technology to create a single workstation

Absolute accuracy:

the ADAS system makes use of the highest manufacturing technology and state-of-the-art components

Total safety:

the static and dynamic calibration operations processed by the ADAS system guarantee safety for the driver and for those carrying out diagnoses and calibrations

Designed to ensure safety and comfort while driving, **the ADAS** (Advanced Driver Assistance Systems) are increasingly common in the latest generation of vehicles. Cameras, radar, LIDAR and sensors need to be recalibrated when replaced, also when work needs to be carried out involving them, such as: windscreen and bumper replacement, suspensions repair, wheel alignment, tyre change, engine control unit replacement, etc.

ADAS and wheel alignment - the combination that takes wheel diagnosis efficiency to the highest levels

Thanks to a technological agreement with TEXA, the ADAS calibration system is available on all wheel aligners with PC of the VSG Group. Integration is achieved via an OBD (NANO) communication module with dedicated TEXA software that allows the car to dialogue with the panel directly on the aligner PC.

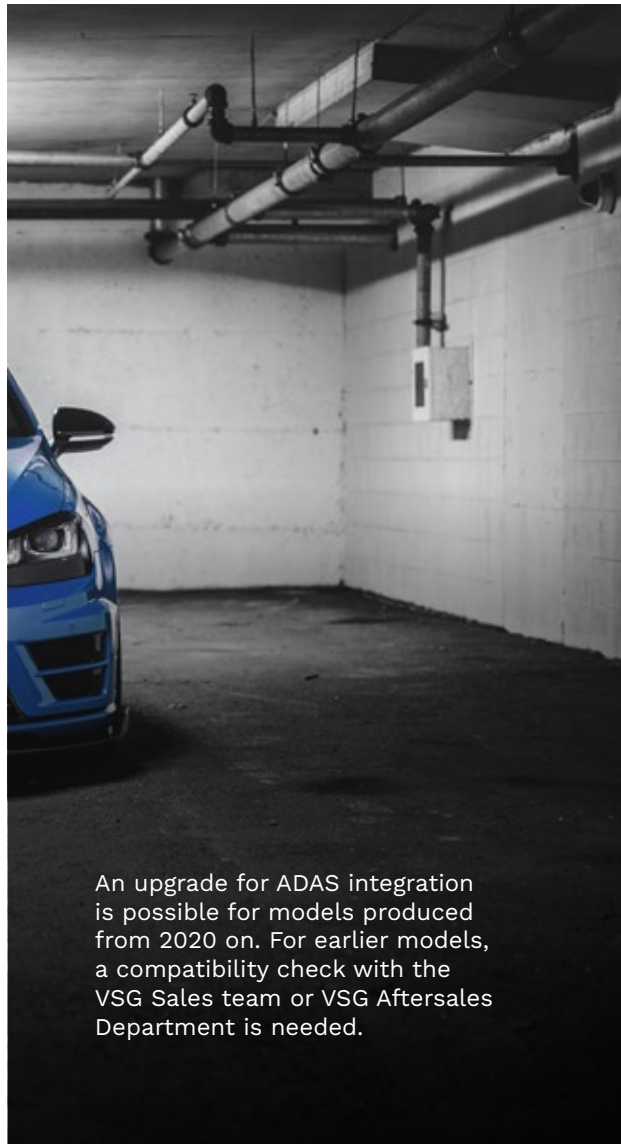


Software integration for a complete range of functions.

Thanks to software integration, ADAS calibration and wheel alignment functions are run on a single PC. Shared functions allow you to first align the vehicle, secondly to align the ADAS panel, and finally to perform a high quality step by step full ADAS calibration.



The ADAS panel is **centred** using the clamps and the measuring heads of the wheel aligner. The **light weight** of the measuring heads and the absence of connecting cables between front and rear provide **utmost ease of use and accuracy in measuring** vehicle angles.



An upgrade for ADAS integration is possible for models produced from 2020 on. For earlier models, a compatibility check with the VSG Sales team or VSG Aftersales Department is needed.

The frame is available in two versions:



STDARCCS3 for panels

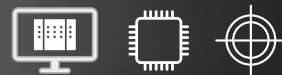


STDARCCS3/MON with monitor



STDARCCS3 for panels.

Use of physical panels in place of the monitor. It allows dedicated calibration standard accessories and panels to be used. Ideal for those workshops that prefer to focus on specific brands without covering the entire automotive range.



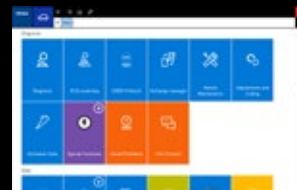
STDARCCS3/PC/MON with monitor.

Digital representation of the panels. The monitor displays the panels required for the calibration using a microprocessor. The microprocessor, installed on the structure, synchronises with the dedicated TEXA software and the panel structure itself.



Workspace optimisation.

The digital nature of the panels frees up considerable workshop space, which would otherwise be occupied by multiple physical panels. The compact structure with the installation of the panel directly on the structure prevents damage and deterioration over time of the panel itself.



STDARCCS3/MON with monitor dialogues with the TEXA dedicated software and guides the mechanic to the identification of the vehicle and its calibration. The panel is selected and set on the monitor, without any possibility for error. Constant software updates make new vehicles and panels available, as well as help sheets drawn up by brand and model.

The screen features:



High resolution display



Large size, optimal display

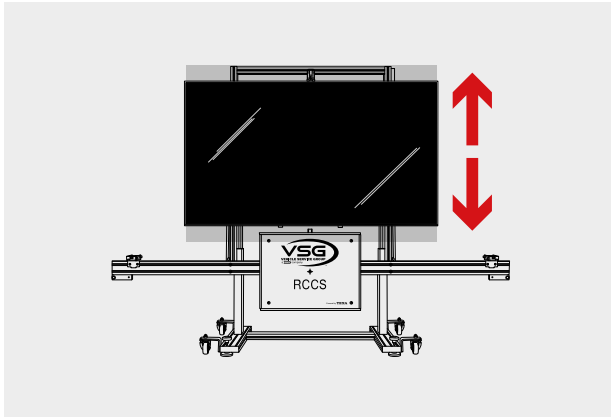


Observes the ratio with precision



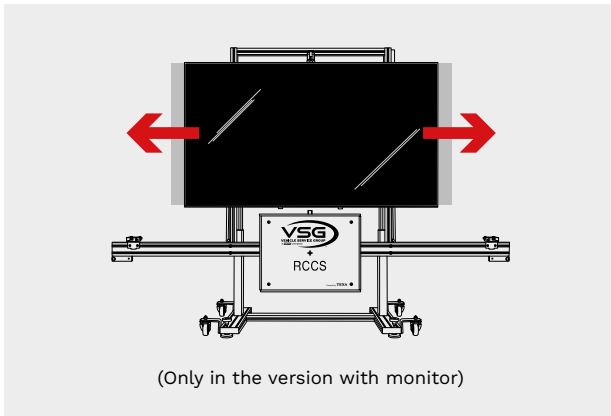
Does not deform or resize





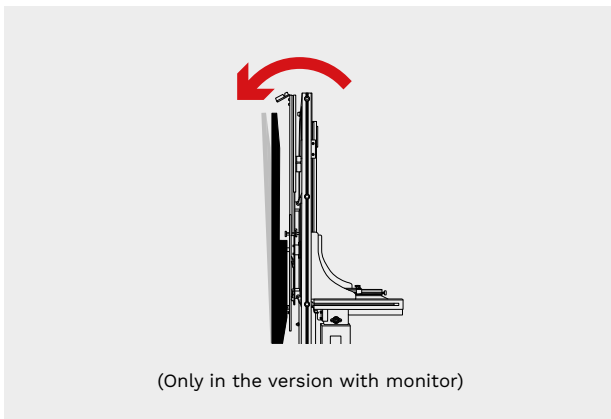
Height adjustable

Supporting stand, height adjustable thanks to integrated electric drive.



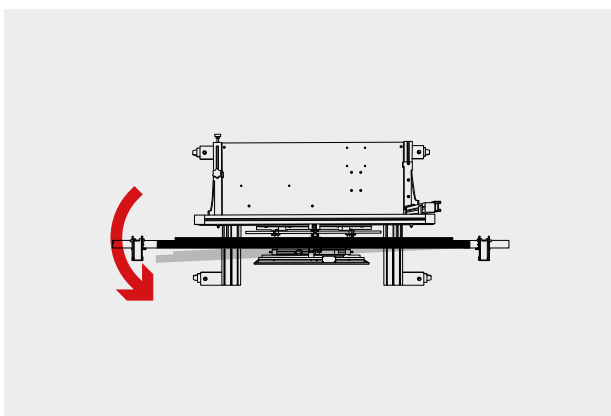
Lateral translation

Front and lateral easy-tilting frame. Flywheel and laser level allowing even millimetre-perfect lateral moves.



Front tilting

Laser level, positioned above the structure, that makes identification of the vehicle centre simple, when pointed at the front logo.

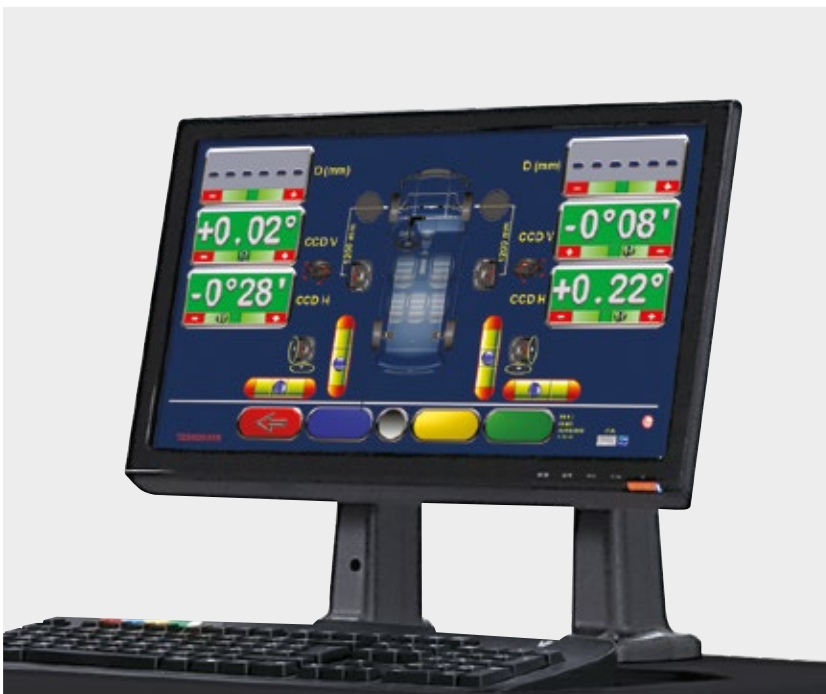


Side tilting

Horizontal adjustment bar equipped with two spacers and a sliding reflector plate, the latter with a central laser for targeting the front radar.

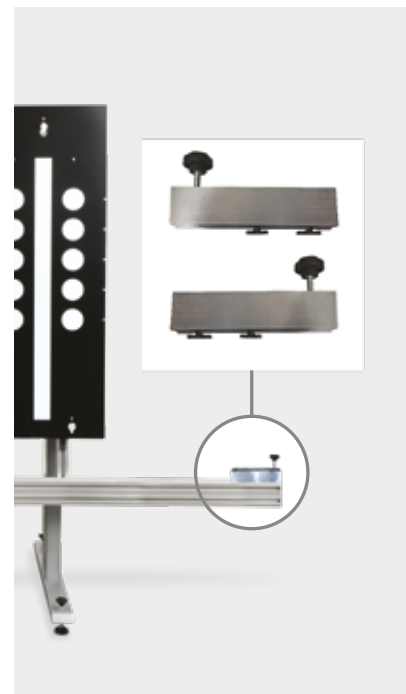
Calibration targets and accessories

A complete offer for every kind of workshop.



STA1414ADAS

Token for upgrading the alignment software with ADAS panel setting functions. It includes ALIGNER CONNECT remote function for visualization on a smartphone or tablet.



STDA150TX

Set of adapters to mount targets/measuring heads on a TEXA panel. (Applicable if you already have a TEXA ADAS system.)



ACS (All Around Calibration System)

It allows calibration of the 360° cameras and dopplers* for VAG Group vehicles (AUDI, SEAT, SKODA, VOLKSWAGEN, LAMBORGHINI). It consists of an aluminium structure housing the two horizontal panels and the two vertical magnetic boards. The base is equipped with three slots for three laser distance measuring devices to verify the correct alignment with the vehicle.

*The calibration of the rear and side radars is possible using the VSG Doppler Simulator.

Night vision system








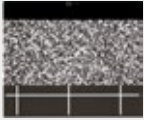





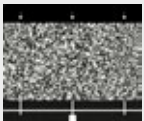



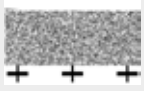



It allows the calibration of the infrared camera to be carried out quickly and accurately for the Mercedes and VAG Group vehicles equipped with it on board. A device that helps the driver to recognise people or animals in advance in dark conditions. Positioned in front of the vehicle, the Night Vision System simulates the presence of a warm body.



Blind spot radar reflector

Essential for calibrating ultrasound radars on vehicles of the HYUNDAI, HONDA, KIA, LEXUS, MAZDA, MITSUBISHI, SUBARU and TOYOTA brands. It consists of a metal reflector cone, a laser and a goniometer template to help the technician to correctly position the pyramid cone. Can be used for front, side and rear radars.

CAR CALIBRATION TARGETS

	CITROEN/PEUGEOT, KIA/HYUNDAI, FIAT 500X, FIAT DUCATO X290, JEEP RENEGADE Type 2		ALFA ROMEO Type 1
	MERCEDES		MAZDA
	NISSAN/INFINITI		MAZDA Type 2
	NISSAN Type 1		SUBARU (with calibration jig)
	NISSAN Type 2		MITSUBISHI/SUZUKI
	RENAULT/SMART		KIA/HYUNDAI
	VAG		SUZUKI IGNIS/ISUZU TRUCK (STE)
	TOYOTA Type 1		IVECO DAILY
	TOYOTA Type 2		SUBARU EYESIGHT
	HONDA		MASERATI LEVANTE
	HONDA Type 2		

RADAR CALIBRATION AND ADDITIONAL CAR KITS

	ACS (All Around Calibration System)
	Doppler Simulator VAG and MAZDA
	Radar Calibration Frame MAZDA
	VAG night vision (front)
	MERCEDES night vision (front)
	Positioning jig kit RADAR VOLVO
	LASER SCANNER (LIDAR) – VAG (front)
	Blind spot cone support kit
	MAT KIT complete with: • Universal mat. • Wheel centering brackets complete with laser level.

To be combined with the support kit

	Blind spot cone TOYOTA/SUBARU/HONDA
	Blind spot cone KIA/HYUNDAI/MAZDA
	Blind spot cone MITSUBISHI

CAR 360°/REAR CAMERA CALIBRATION

	VAG (rear)
	VAG (360° cam.)
	MERCEDES Type 1 (rear)
	MERCEDES Type 2 (rear)
	OPEL INSIGNIA
	TOYOTA, LEXUS, SCION, SUZUKI (360° cam.)
	NISSAN QASHQAI (rear)
	MITSUBISHI (rear)
	MAZDA (360° cam.)
	KIA/HYUNDAI (rear)
	NISSAN X-TRAIL (rear)
	SSANGYONG (rear)

ADDITIONAL SUBSCRIPTIONS

	TEXAINFO CAR (Call Center) *Available only in the Countries where TEXA is offering the Call Center service (Italy, Germany, France, Spain, United Kingdom, Ireland, Poland, Austria and Switzerland).
	ADD9C ONLINE TRAINING Self-study e-learning course for ADAS diagnosis and calibration (D9C).
	SOFTWARE “TEXPACK CAR DRIVING ASSISTANCE” Annual database update contract. Including GATEWAY ACCESS FCA SGW CONTRACT.



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