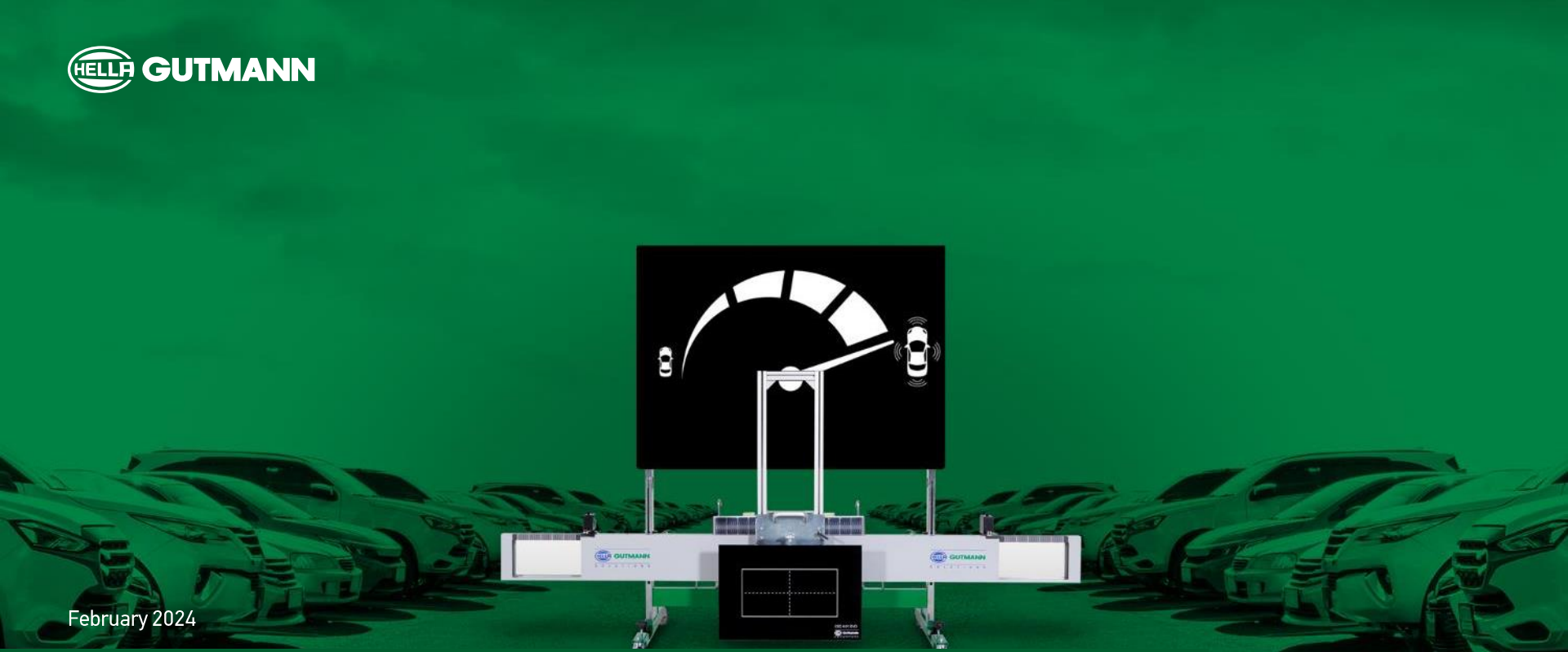


February 2024

Sales Info

CSC-Tool SE Performance Set 2024

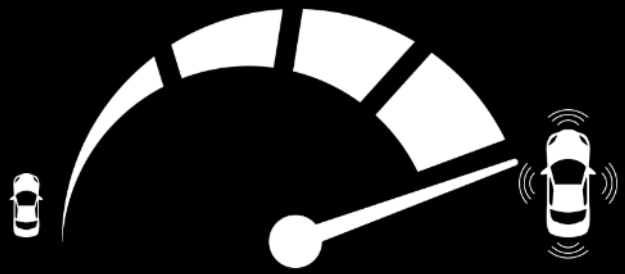
Introduction

We are pleased to present our latest sales promotion for the CSC-Tool SE, which will significantly shape the future of vehicle maintenance and repair. Our promotional performance set offers not only the CSC-Tool SE, but also the most used accessories in Europe, all at an unbeatable special price of **only € 6,990.00** instead of € 10,790.00.

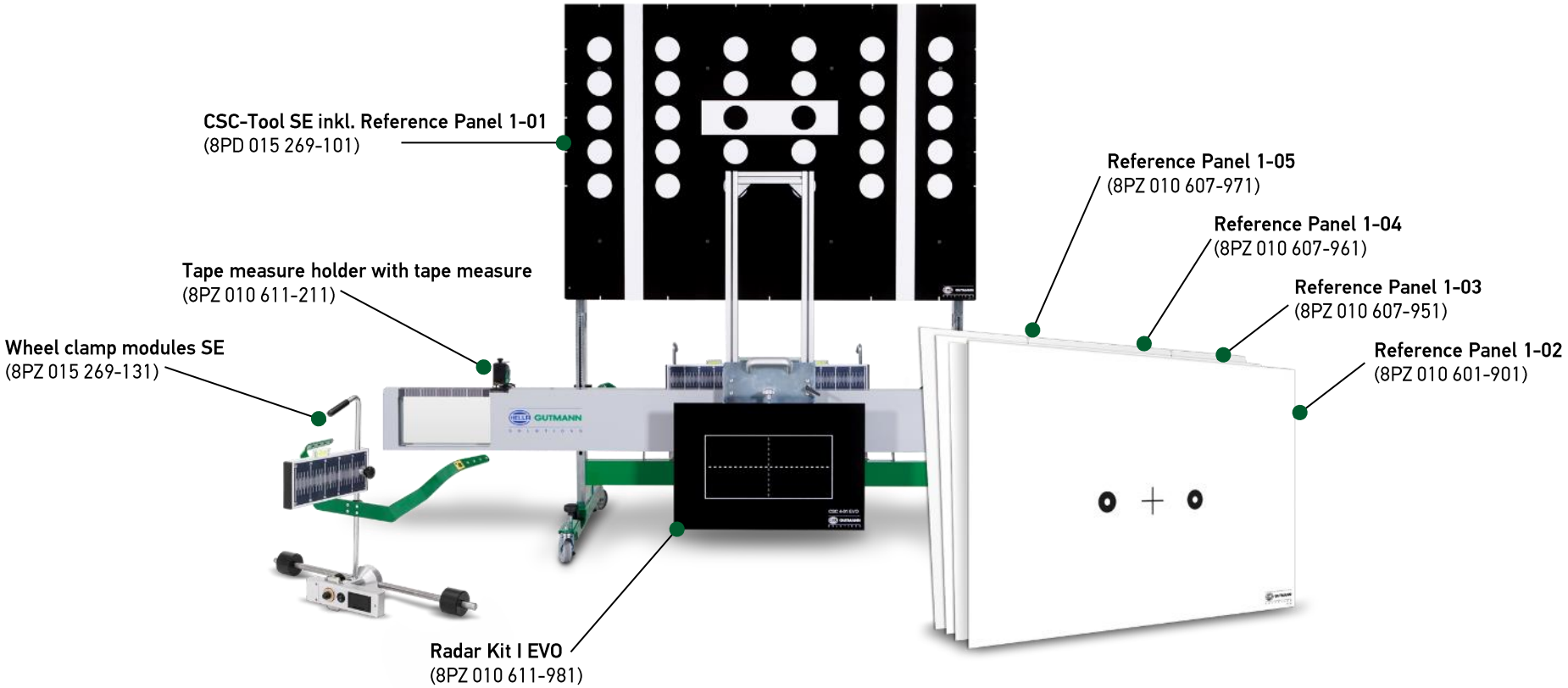
Hella Gutmann's history as a pioneer in the ADAS calibration market goes back to 2014, when we established the first and only solution for independent garages with the CSC-Tool and maintained market leadership for years. Now, in 2024, we are on the threshold of a new era: a wealth of assistance systems will become mandatory for new vehicles from the middle of this year, which means that the calibration and testing of ADAS sensors during repairs and maintenance will become unavoidable.

The **CSC-Tool SE Performance Set** has been carefully compiled to provide workshops with a comprehensive solution for vehicle calibration and adjustment work. It includes a selection of calibration panels with the widest possible vehicle coverage as well as our Radar Kit I EVO, which offers much more than just the basis for calibrating front radar sensors.

We are convinced that the promotional performance kit will provide you with a solid foundation for successful sales activities and help you to offer our joint workshop customers a future-proof entry into the maintenance and repair of ADAS systems. It also serves as a springboard into 360° ADAS calibration to provide our customers with a comprehensive service offering.



The performance set at a glance



The CSC-Tool SE

The assistant for
Advanced Driver Assistance Systems

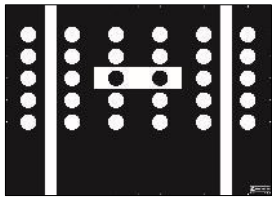
Professional and safe camera, radar and laser calibration at manufacturer level for all modern assistance systems. Ideal for workshops with a high volume of brands.

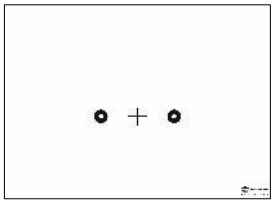
- A clever modular system for all major brands
- Simple, fast and tried-and-tested operation
- Modular and can be upgraded at any time towards 360° calibration

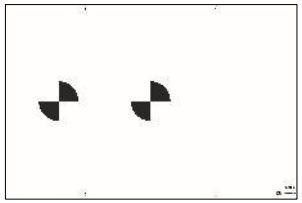
The Wheel clamp modules SE are a used for positioning of the CSC-Tool SE in front of the vehicle.

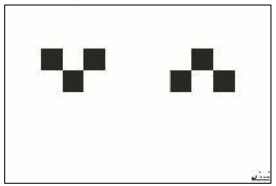
- Thanks to a green line beam laser, the CSC-Tool SE can be centered and aligned parallel to the rear axle in just a few steps
- The Wheel clamp modules SE can be stowed away on the CSC Tool SE frame.

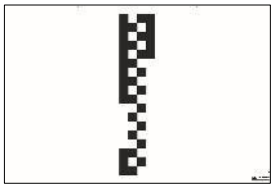
The promotional set accessories

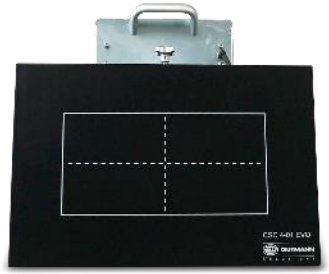












The Reference panels included in the set are suitable for most vehicle manufacturers and models on the European market and are among the best-selling panles in Europe.

- ✓ VAG Group
- ✓ Mercedes-Benz, Volvo, Polestar, VW
- ✓ Renault, Smart
- ✓ Nissan, Mercedes-Benz
- ✓ Kia, Hyundai, Alfa Romeo, Peugeot, Citroën, DS Automobiles, Fiat, Jeep, Opel

The Radar Kit I EVO enables front radars to be calibrated or adjusted at almost any position height. This kit gives all variants of the CSC-Tool additional flexibility.

- ✓ Vertical, stepless adjustment of the angle adjustment plate
- ✓ Adjustment of the angle of inclination of the angle adjustment plate

Use the tape measures in their convenient holders to quickly and easily set the distance between the CSC-Tool SE and the vehicle

CSC-Tool SE
Product Features

Topic	Explanation
Robust construction without electrical/electronic components such as cameras, electronic measuring heads or similar	• Lower follow-up costs due to reduced probability of failure and low repair costs • No power supply (cable etc.) necessary
Stepless & height adjustable mirror bar	• Easy handling in connection with lifting platforms • Quick adjustment for different wheel diameters (vehicle heights)
Wheel clamp with line laser	• Quick alignment of the tool to the vehicle (centre and parallel to the rear axle) in one step • Support for alignment of the side carpets to the vehicle (parallelism to the vehicle) • Support for central placement of targets for rear camera
Uniform reference panel mounting	• Routine for the user, each reference panel is attached to the CSC-Tool SE in the same way. • For manufacturers (e.g. Honda) whose target must be moved during calibration, simply moving the reference panel on the labelled mounting points from points A/B/C is sufficient. • Systems from other suppliers with small individual reference panels (e.g. Japanese manufacturers) must be moved to size and fixed on a crossbar, sometimes several times.
Uniform process for alignment to the vehicle	• Hella Gutmann consistently follows the alignment to the rear axle • CSC-Tool SE is therefore always at right angles to the geometric driving axle • Meets the highest known requirement and, depending on the brand, exceeds the OE specification • Provides the user with routine, speed in the process and reduction of error sources
Diagnosis-supported calibration process	• ADAS calibration function included in all mega macs units - at no extra charge • Uniform operator guidance from within mega macs, independent of manufacturer • No system break due to separate system for alignment / diagnostic function
Optical alignment by means of laser and mirror	• Traceable accuracy, can be visually assessed by the user • No interference with the function due to light influences
OEM conformity of reference panels and alignment	• Hella Gutmann reference panels always reproduce the OEM's targets (images) 1:1 in size ratio • Hella Gutmann always converts the distance dimensions to the vehicle and height specifications 1:1 • The reference panels are thus placed in front of the vehicle at the position specified by the OEM

CSC-Tool SE
Statements and answers by Hella Gutmann

"An electronic system is more accurate than an optical system!"

Electronic measuring systems can be more accurate, but an electronic system also has a tolerance range to reach a correct calibration position.

Example:
If an electronic system were to set the tolerance range too small, it would be difficult or impossible for the user to receive an "OK" for the positioning of the tool. If, however, the manufacturer chooses a tolerance range that is too large, the deviation between "OK" at the lower and upper tolerance limits will be too great and the tool will no longer be positioned precisely enough.

With the system from Hella Gutmann, the user can independently check the precision of the alignment and optimally position the tool within the tolerances.

"Other systems are more space-saving because the target is zoomed in or out, so the workshop takes up less space."

As a matter of principle, Hella Gutmann will only offer the calibration panels in the original size and spacing - for reasons of OEM conformity.

In the area of front camera calibration, a reduced distance dimension may generate advantages in terms of space requirements.

However, if activities such as calibrations of front radar, side camera, 360° camera, rear camera or lane change warning system are also taken into account, the "reduced space requirement" argument becomes invalid. For all other calibration procedures, except for the front camera, there are no technical possibilities to implement this activity on a smaller footprint, at the latest then the operation requires the spatial conditions.

"Other systems are quicker to align using electronic cameras."

Hella Gutmann facilitates the alignment of the CSC-Tool SE by means of a standardised process in which the same procedure is followed for each vehicle by always aligning it to the geometric driving axle (rear axle). This procedure corresponds to the specification of the VAG Group and thus to the highest requirement on the market. At Hella Gutmann, vehicles which would only be aligned according to the body geometry are also aligned according to the geometric driving axle. This means that with regard to the functionality of the ADAS system, the positioning of the calibration panel is at least equivalent or even more precise than required by the OEM.

Due to the uniform process across all brands, the user can develop a routine that allows him to perform the alignment quickly and precisely after only a short period of practice. An additional advantage is the process reliability due to the constant repetition of the same procedure.

The use of the line lasers also makes it possible to align the CSC-Tool SE to the centre of the vehicle as well as the geometric driving axis in just one work step.

No questions remain unanswered here

FAQ	Answer
For whom?	For every workshop
Which product/service must be purchased?	CSC-Tool SE Performance-Set 2024 (8PZ 015 270-251)
Set contents	CSC-Tool SE + Wheel clamp modules SE (Set) + Tape measure holder & tape measure + Radar Kit I EVO + Reference Panels 1-02, 1-03, 1-04 & 1-05
Prerequisites	• A mega macs diagnostic device (e.g. mega macs X) is required to carry out a corresponding calibration • Hella Gutmann recommends a working area of at least 15 x 6 m for 100% vehicle coverage
Pricing and discount	Per dedicated pricing and discount communication
Order processing	Easily manage with 1 article: 8PZ 015 270-251 (CSC-Tool SE Set 2024)
Processing of additional item purchases (beyond the set content)	If the customer requests more than the set contents, these items will be added to the commercial order. They will be invoiced in accordance with the valid price list.
Is it possible to use storage devices?	No, it is only possible to order the new “Set” article
Does the promotion also apply to the CSC-Tool Digital?	No
Are there any freight costs?	As per local Incoterms
Duration	The promotion is valid from 04.03.2024 and is expected to end on 30.06.2024
Shipping units	1x CSC Tool SE: 266x41x185, weight 123 kg 1x Accessories pallet: 120x80x175, weight 112 kg

Thank you!