

# cADas20

Calibration system for driver assistance and radar systems

The system can be used in conjunction with wheel alignment systems from the Carline CL 20 series.



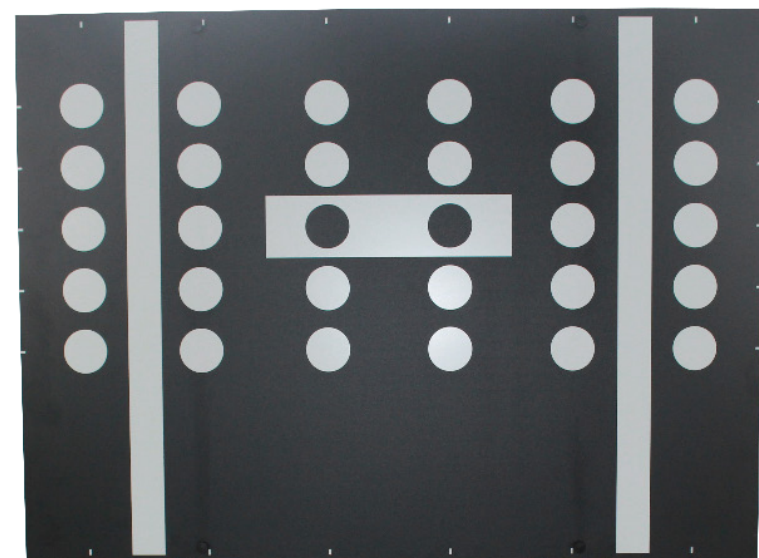
Passive radar reflector and laser adjustment unit

The equipment of modern vehicles includes various driver assistance systems. These are networked with each other.

Working on individual components often requires measures to be taken on other assemblies.

- **Rear Axle Adjustment** -> Radar calibration
- **Bumper disassembly** -> radar calibration
- **Windscreen change** -> camera calibration

A database expansion module provides you with helpful information such as the distance and height of the target.

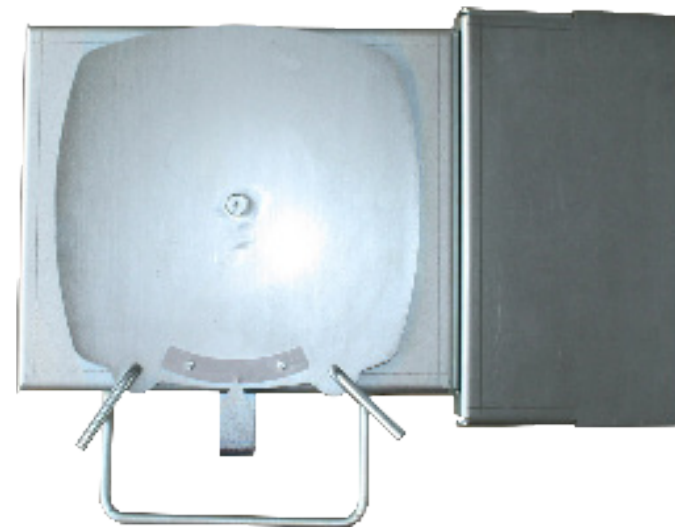


A current list of targets can be found on our home page [www.wmswagner.de](http://www.wmswagner.de)

You will find additional information such as circuit diagram, sensor removal and installation instructions, position of the sensor and calibration mode.

WMS Wagner WMS Fahrassistenzsystem	
Hersteller	Modell
AUDI	CC (08) (11.2011 - )
HYUNDAI	GOLF VR (01) (08.2012 - )
INFINITI	GOLF VR Variant (04) (04.2013 - )
KIA	RASSAT VR (02) (08.2010 - 12.2014)
MAZDA	RASSAT Vx ALLTRACK (06) (01.2012 - 12.2014)
MERCEDES-BENZ	RASSAT VR Variant (06) (08.2010 - 12.2014)
NISSAN	RASSAT VR (02) (08.2014 - )
RENAULT	RASSAT VR ALLTRACK (05) (05.2010 - )
SEAT	RASSAT VR Variant (05) (08.2014 - )
SKODA	PHANTOM (02) (04.2002 - )
SMART	SHARAN (71) (05.2010 - 05.2012)
TOYOTA	TOYOTA (01) (08.2007 - 08.2009)
TOYOTA	TOYOTA (01) (01.2010 - )

# AMB 4070



## Turnplates

The turn-/sliding plates are placed in front of the wheels for driving on. The turnplates reduce the turning forces when steering to a minimum, which prevents the measured values from being falsified. The turnplate is chromated and has a maximum load capacity of 1000 kg. Optional drive-on ramps are available for easy access to the turnplates.



## Drop-on Blocks

Weight-optimized wheel alignment blocks with integrated sliding plates on the rear axle for relaxed work. When using the wheel alignment blocks, the rotating plates are placed on the front blocks.



The blocks are stackable for space-saving storage.

**QUALITY - MADE IN GERMANY**

# Carline CL 20



PRÄZISION, DIE MAN SPÜRT.



Getting started made easy.



Future? For Sure!

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# Carline CL 20

**€ COSTSAVING INVESTMENT**  
No special wheel alignment station needed

**MADE IN GERMANY**  
We are here for you

**WRENCH SIMPLE APPLICATION**  
Direct display of the setting values - no calculation necessary

**PRECISION IN THE WORKSHOP**  
Three-point clamp - securely clamped

**MOBILE USE**  
No power connection required

**MAXIMUM FLEXIBILITY**  
Can be used anywhere

**PROFESSIONALITY**  
Extensive database

**COMPETENCE**  
Determination of all driving axis values



**Carline CL 20**  
The wheel aligner can be used in combination with 2-post lifts and other common lifts or car pits. Mobile use is also possible.

- The axis adjustment is carried out from axis to axis.
- The initial measurement can be carried out in the driving state.
- Low operating costs and follow-up costs after purchase.

### How To:

Adjusting the front axle (e.g. after changing the tie rods):  
 > Attaching the measuring heads to the steering axle to adjust the front axle (e.g. after tie rod replacement)  
 > The setting is made in relation to the rear axle

Complete measurement:  
 > First attach the measuring heads to the rear axle  
 > then attach the measuring heads to the front axle  
 > Setting possible according to Geo driving axis



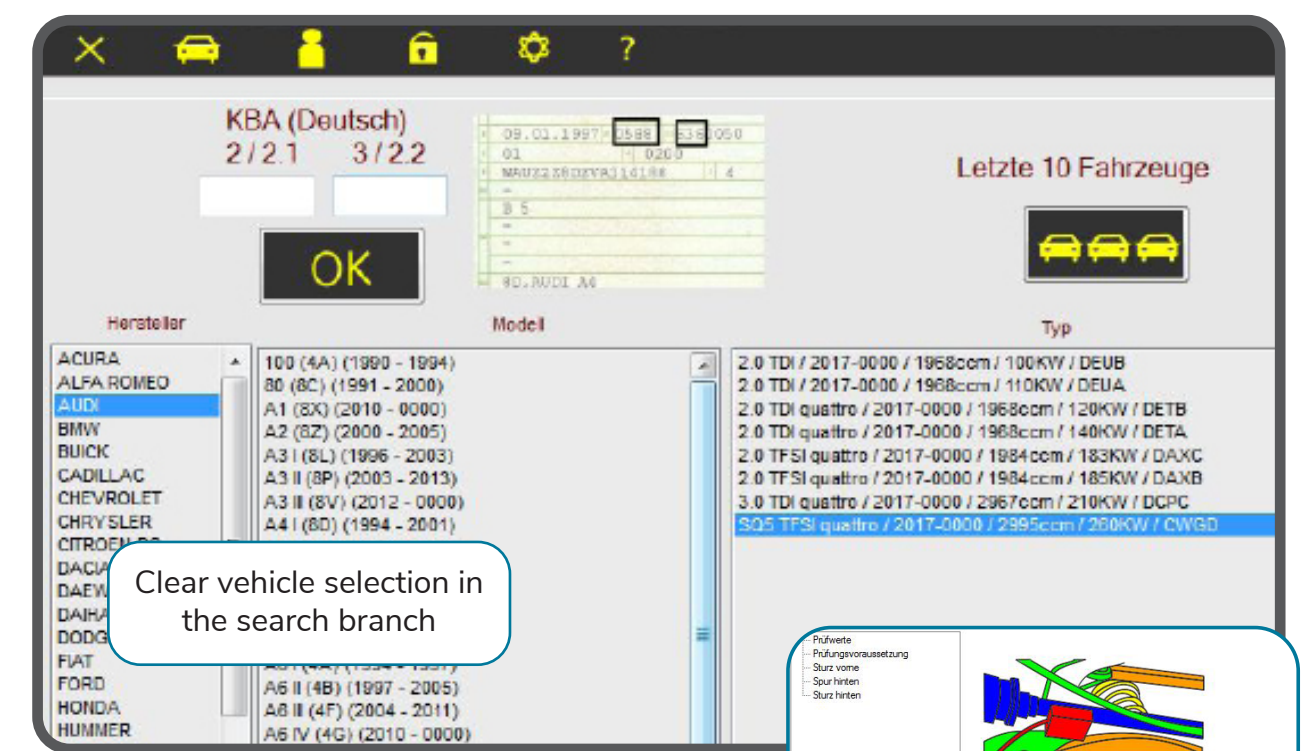
**Axis scale**  
Magnetic axle scale, also fits lowered vehicles

**Measuring head with quick clamping device**  
The specially developed measuring head combines the advantages of 2 clamping methods: on the one hand the speed of spring tensioning, on the other hand the controllability of spindle tensioning. Guaranteed damage-free, since only plastic parts are in contact with the rim. Tensioning takes place via the tensioning hooks independently of the profile grooves on the tire cover.

# Vehicle Database

Hersteller: Volkswagen Radstand: 2344 mm  
 Modell: Golf X Spurweite vorne: 1633 mm  
 Typ: GTI Spurweite hinten: 0 mm  
 Spur vorne: 0 \* 00  
 Sturz vorne: 0 \* 00  
 Nachlauf vorne: 0 \* 00  
 Spur hinten: 0 \* 00  
 Sturz hinten: 0 \* 00

Enter your own data



Easy calibration right in your workshop!

