HAWEKA®

PRODUCT INFORMATION

SAD4000

Sensor Adjustment Device

Electronic Adjustment System
for Advanced Driver Assistance Systems (ADAS)

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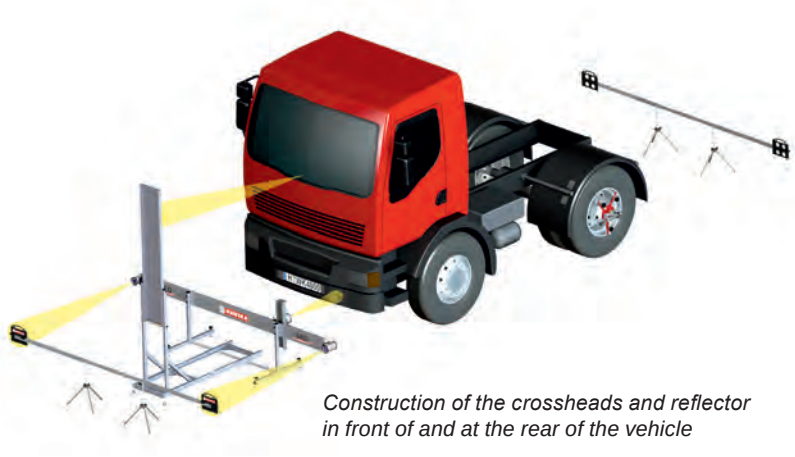
PRODUCT INFORMATION

Product Description

The AXIS series for axle alignment on commercial vehicles was extended by the electronic adjustment system SAD4000.

Using the SAD4000, a check and adjustment of an ACC sensor can be carried out on commercial vehicles.

The Multi-Function Camera (MFC) of the Driver-Assistance System (DAS) can also be adjusted using the calibration reflector, available as an option.

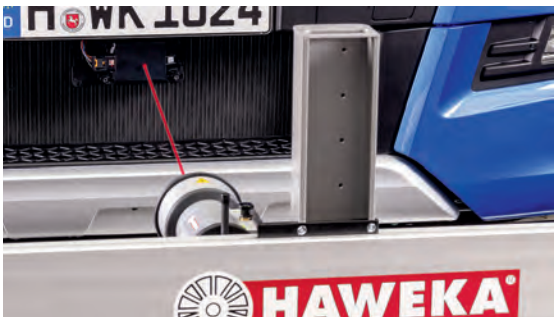


Construction of the crossheads and reflector in front of and at the rear of the vehicle

Product features

- The electronic adjustment system SAD4000 is an additional module and is exclusively used, in conjunction with the wheel alignment system AXIS4000, to check and adjust the ACC sensor.
- It enables quick and reliable checking in the "drive position" of the vehicle
- Measurement recording, incl. setup time, in less than 5 min.
- Recording the measurement value is carried out using a radio camera
- The specially developed software clearly indicates the recorded measurement values
- Measurement value protocol for the documentation

Measuring crosshead with SAD4000 camera



SAD4000 camera setting on the ACC sensor

Application features

The SAD4000 can be used for different ACC sensors. Depending on the type of ACC, an adapter mirror may be necessary for recording the measurement value. (Refer to last page optional accessories.)

For different ACC sensors

Type: WABCO

Type: TRW

Type: TRW/Knorr

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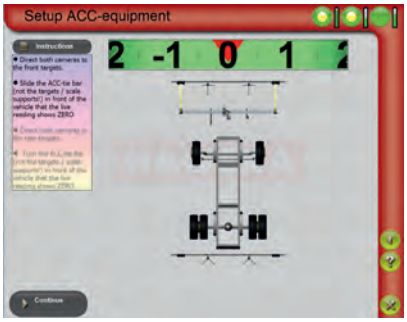
Measurement procedure

After the necessary vehicle data, the type of sensor and correction data for the ELOF and AZOF has been entered, the measurement procedure can be immediately started.

Due to the simple graphic interface of the program, the user is guided through the complete measurement procedure, step by step.

Hand-held PC, FM sensor* and camera.*
*(*included in the scope of delivery of the AXIS4000 series)*

Recording the vehicle data



Aligning the measuring crosshead

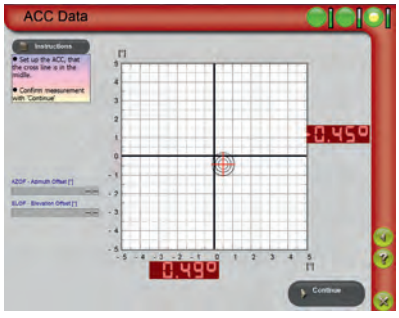
Setting the ACC camera

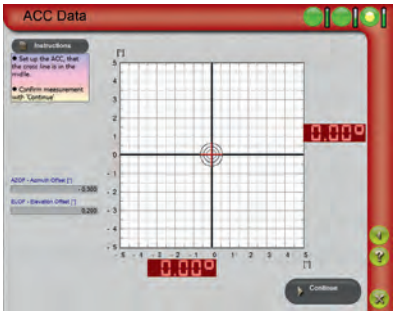
Measurement record / overviews

The measured value of the ACC sensor is displayed on a diagram.

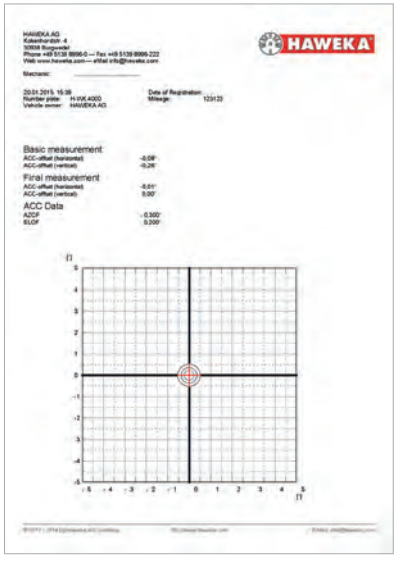
The setting is directly displayed on the monitor.

The measurement values can be subsequently printed out with the diagram.





Overviews



Printing out the measurement log

PRODUCT INFORMATION

Technical Data

Radio module, frequency range	2,4 GHz
Number of radio channels	10
Transmission power	10 mW
Operating temperature	+5 to +40 degrees

PC System Required

Processor: Intel or AMD with 1.6 Ghz or better
RAM: 1024 MB
Graphic card: with AMD (ATI) or NVIDIA chipset from 16 MB
Resolution: 1280 x 1024 Pixel / True Colour
Operating system: Windows Vista, Windows 7, Windows 8.1, Windows 10

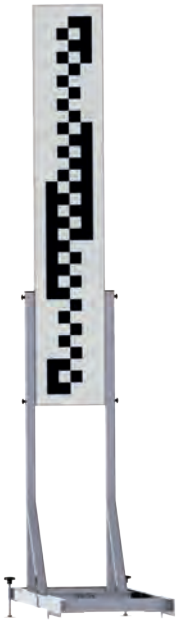
Scope of Delivery SAD4000

Measuring crosshead, ACC camera, PC software, operating manual.

Item No. 924 000 014

Optional accessories

WABCO adapter mirror
Item No. 922 001 011



Reflector for calibrating the Multi-Function Camera (MFC)
Item No. 922 001 020

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