HAWEKA

PRODUCT INFORMATION

SAD4000

Sensor Adjustment Device

QUICKSERVICE

Professional Adjustment Systems for Driver Assistance Systems (ADAS)
with the QuickService Diagnostic Device

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SAD4000
Sensor Adjustment Device
QUICKSERVICE

Product description

The Haweka SAD4000 can be used to carry out a check and adjustment of the driver-assistance systems on commercial vehicles.

To simplify your calibration and measurement processes, we can now offer you two products with immediate effect all from one source:

The NAVIGATOR TXTs is now available as the ideal additional device for the SAD4000 for the setting of driver-assistance systems (ADAS).

Advantages of SAD4000 QUICKSERVICE

The SAD4000 is used to check and adjust the ACC sensors on various commercial vehicles

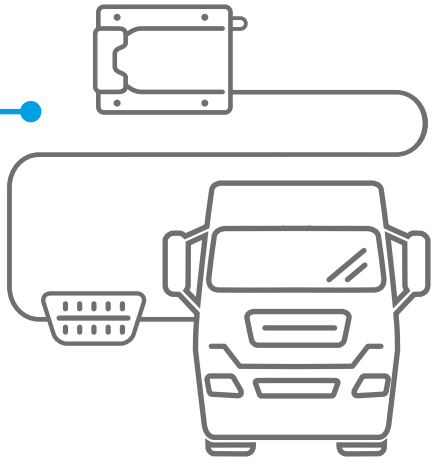
The SAD4000 can also be used to align the calibration panel for multi-function cameras on driver-assistance systems

(optional accessories: two laser wheel alignment clamps and different reflector panels for various types of vehicles are required, if not already available)

The measuring crosshead and calibration reflector are aligned horizontally at an exact distance in front of the vehicle.

Suitable for various types of sensor:
▸ WABCO ▸ TRW ▸ TRW/Knorr
(depending on the type of sensor, an adapter mirror may be necessary)

TEXA NAVIGATOR TXTs diagnostic system with OBD interface

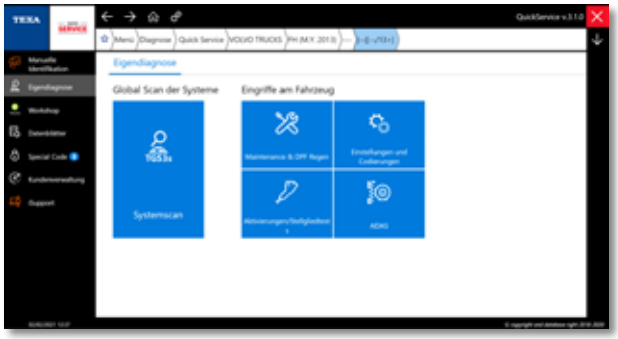


Connected via the OBD interface.

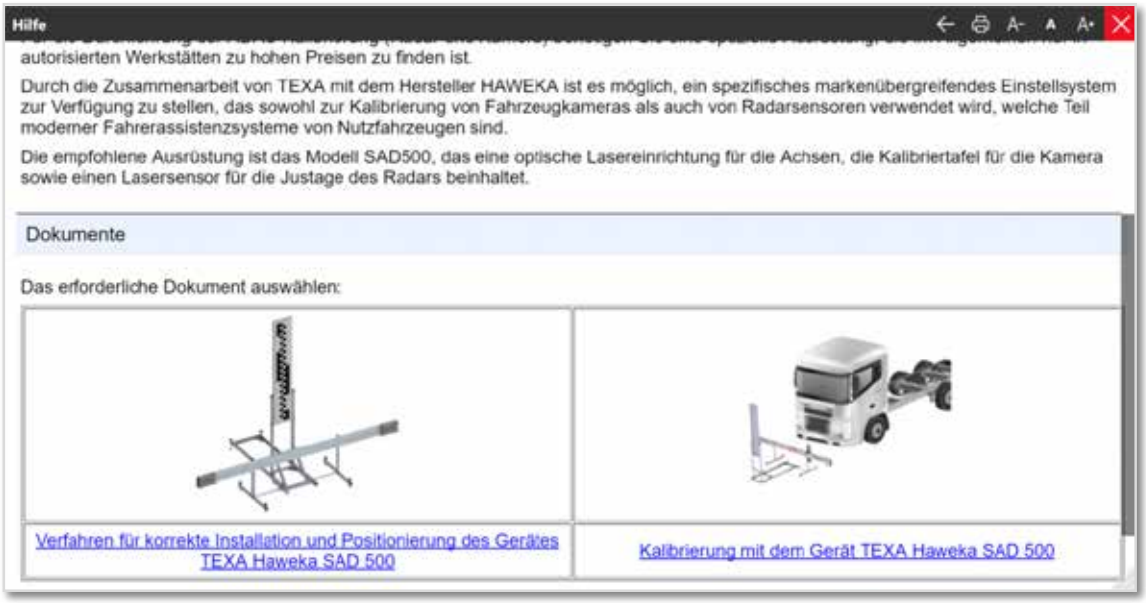
QuickService software with step-by-step instructions
(easy-to-understand user interface)

Compatible with all standard commercial vehicle models

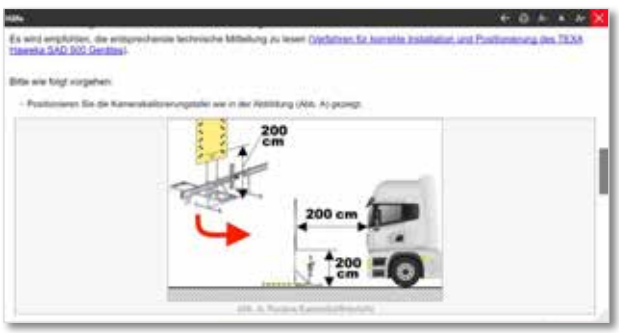
User interface for the SAD4000 QUICKSERVICE software

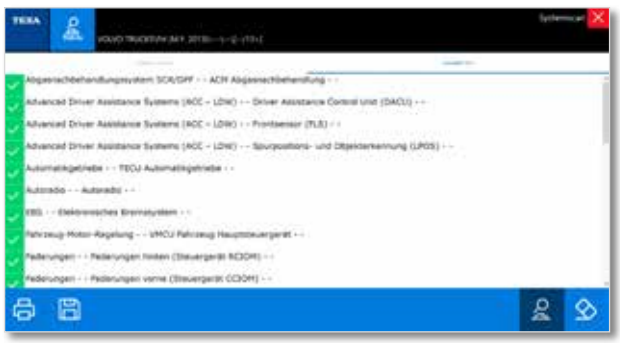


Simple step-by-step instructions



Selection menu for the SAD500/SAD4000 settings





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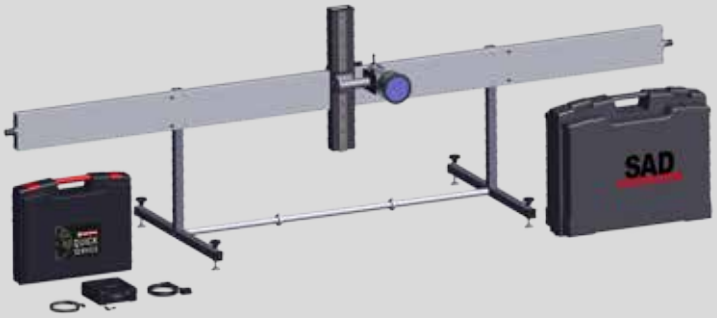
Scope of delivery for SAD4000 QUICKSERVICE

- Measuring crosshead
- ACC camera
- PC software
- SAD device storage case
- Diagnostic device: Navigator TXTs OBD system
- USB antenna
- Software
- Case for diagnostic device

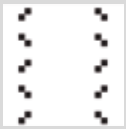
Item no. 924 000 017



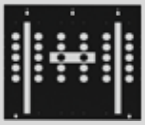
Optional accessories (required if not already available)

- 2 laser wheel alignment clamps
- Different reflectors, depending on the type of vehicle

Item no. 922 001 028
EURO 5, Volvo, Renault



Item no. 922 001 029
EURO 6, Volvo, Renault



Item no. 922 001 034
VW-Crafter, MAN TGE

Item no. 922 001 020
MAN, Iveco, Scania, Ford

Technical data for the diagnostic device	
Model	NAVIGATOR TXTs
Manufacturer	TEXA S.p.A
Processor	CORTEX M3 STM32F103ZG MHz, FLASH 1024 KByte, SRAM 96 KByte
SRAM memory	8 MBits, subdivided into 512 KBytes x 16 bits
NAND flash memory	2 GBit on 8-bit bus
Vehicle battery	System management 12 VDC and 24 VDC
External power supply	8 + 32 V
USB communication	Virtual RS232 interface for USB 2.0 device
Wireless connection	Bluetooth class 1 (30m)
Electronic switch	2-way, 13 independent positions
Diagnostic connector	DSUB-26HD standard ISO 22900-1
Control unit reprogramming connector	PV as required by the SAE H2534 protocol
Supported protocols	Blink codes / K, L, (with current protection 100mA) ISO9141-2, ISO14230 / CAN ISO11898-2 High Speed / Second ISO11898-2 CAN channel / CAN ISO11898-3 LOW Speed / SAE J1850 VPW / SAE J2534-1 / SAE J1708
Power supply connector	4-pole, mini-DIN
Indicator lights	1 green LED, 1 red LED, 1 blue LED
Consumption at 12V / 24V	0.25 A typical / 0.18 A typical
Operating temperature	0 + 50 °C
Storage temperature	- 20 + 60 °C
Operating humidity	10% - 80% without condensation
Dimensions / Weight	160 x 170 x 55 mm / 1 kg
Standards	Directive: 1999/5/EG / Safety: EN 60950 / Electromagnetic compatibility: EN 55022, EN 55024, EN 301 489-1 / Radio systems: EN 301 489-17, EN 300 328-2

QuickService diagnostic software functions	
Component configuration	–
DPF regeneration	✓
Driver training	–
Amend advanced parameters	–
Amend standard parameters	✓
Carry out diagnostic test	✓
Carry out maintenance routines	✓
Read and delete fault codes	✓
Remote diagnosis	–
DPF remote regeneration	–
Remote monitoring	–
24/7 vehicle status	–
ADAS	✓

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