

PDS[®]

Profesjonell DeleService

BODYSHOP EQUIPMENT



Cooling system charge unit VAS 6096



The cooling system charge unit VAS 6096 serves as a means of charging the cooling system quickly, effectively and independent of gravity. An adapter from the cooling system tester V.A.G 1274 is used for this purpose. Coolant cannot circulate in an incorrectly filled cooling system containing air. The result is thermal stressing of individual engine parts. This can be completely avoided using the cooling system charge unit. There is also an aid for checking the cooling system for leaks directly prior to charging. This way, charging a defective or damaged cooling system can be avoided at the outset.

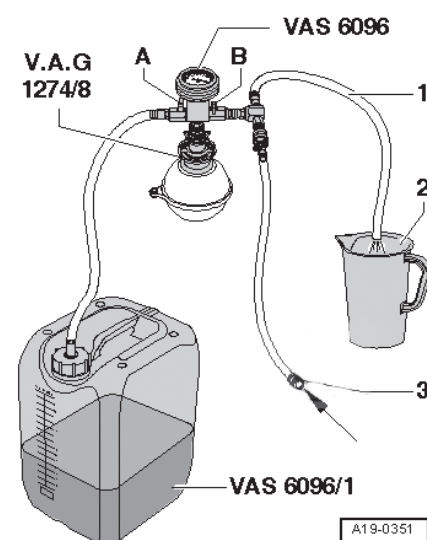
Advantages:

- + charging cooling system without air bubbles
- + big saving in time as bleeding no longer necessary
- + avoidance of incorrect charging by means of leak test before charging
- + effective charging and ease of operation
- + simple use
- + quick to set-up due to quick acting coupling system
- + operates using air pressure, 6 to 12 bar
- + safe to use on all models on market. Connection to expansion tank via adapter from cooling system tester V.A.G 1274.
- + function and leak test of charge unit without need for additional equipment (self test)

Design and features

Using VAS 6096, a vacuum is created in the repaired, but not yet filled cooling system. If the vacuum remains stable, the cooling system is airtight and the repair work was successful (leak test). If the vacuum drops, this is a clear sign that there is a leak in the system i.e. the cooling system must not be charged. If the leak test was performed successfully, the cooling system can be charged quickly and without air bubbles being generated by coolant being pumped from the unit's reservoir. Once the pressure has been balanced between cooling system and surroundings, the system is completely filled. Then just top up the system to the mark in the expansion tank.

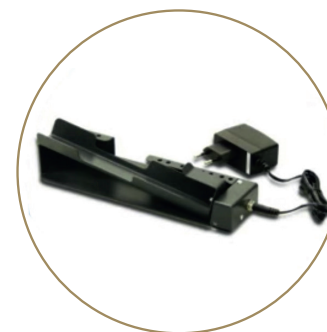
Items supplied Radiator, vacuum charging unit Adaptation of adapter from cooling system tester V.A.G 1274 20 litre reservoir



Thermal Clip Bonder Kit VAS 6872



- + Serves to repair plastic parts on inside and outside of vehicles
- + Battery-powered tool (rechargeable)
- + Hand set VAS 6872/1
- + Adapter set VAS 6872/7 (short adapter, long adapter, 45°, 90° & short/long spacer bracket)
- + Charging station
- + Plug socket adapter, can be used around the world
- + Charging cable
- + Side cutters
- + Box of 5 assorted clips (M, S, V, W, U-clips)
- + Operating instructions in various languages



WINDSCREEN REMOVAL & SCRAPER SET



Windscreen removal set VAS 861 001A

- + include an angle drive and a flexible bit extension.
- + include an angle drive and a flexible bit extension.
- + Cutting tool for vehicle windows.
- + Time saved due to easy and quick handling.
- + Application by one person possible.
- + No damage to the paintwork and interior due to soft and flexible cutting cord.
- + Can be used with a commercially-available cordless screwdriver with at least 14.4V.
- + The set does not include a cordless screwdriver.

Design and features

- + Separating device is made of aluminium.
- + The movable parts have gunmetal bearings.
- + The cord is wound by a cordless screwdriver.

Items supplied

1 angle drive, 1 flexible bit extension, 1 cutting device, 1 awl, 1 trim wedge, 1 cord hook, 1 bit extension, 1 cutter, 2 cutting guard, 2 rolls of cutting cord, Set of operating instructions



Cutting Cord VAS 861001/1A



- + Extremely strong cord for cutting out vehicle windows
- + No damage to the body and paintwork

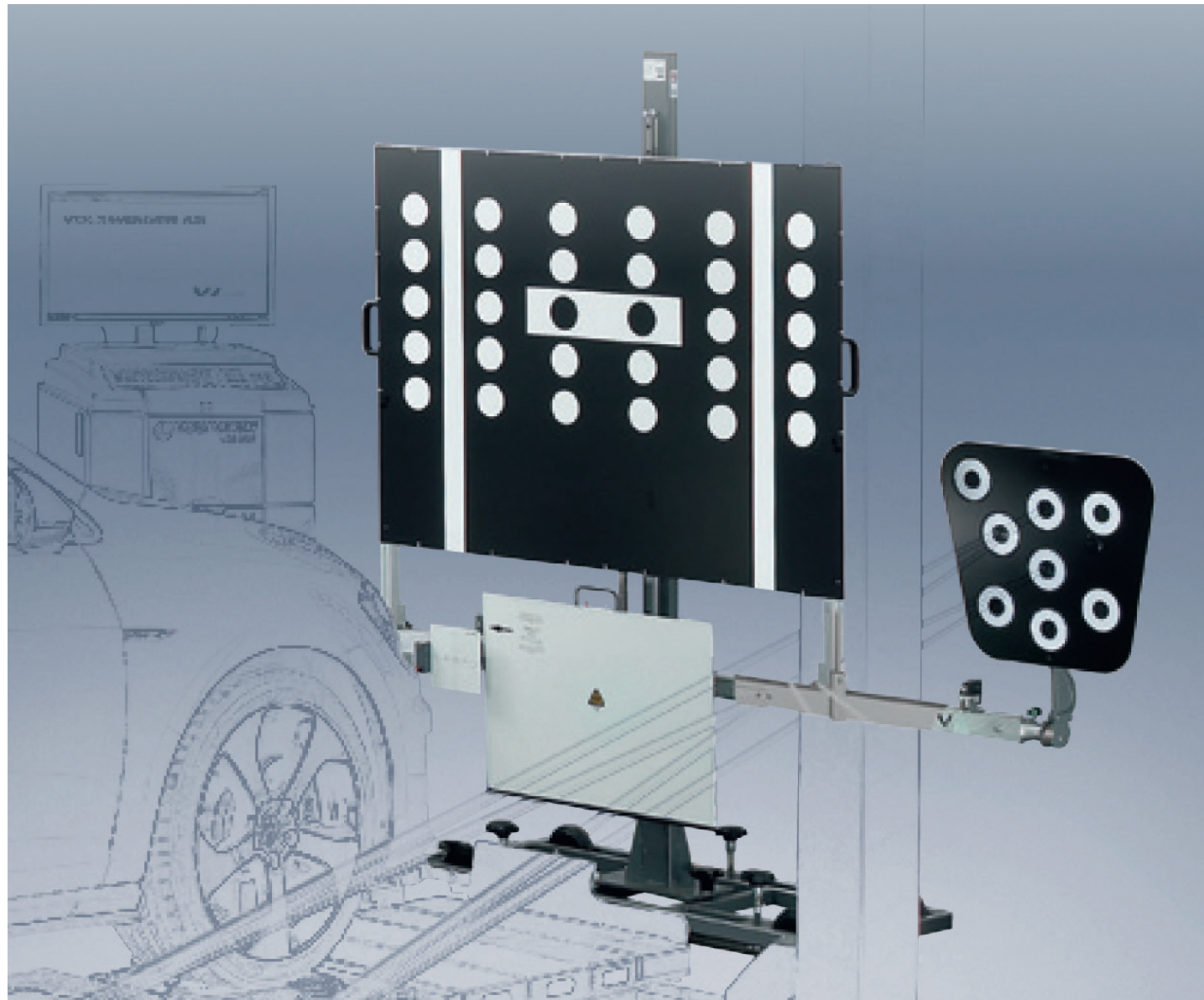
Design and features

- + Multi-braided cord

Technical data

- + Very strong PE cord
- + Length: 65 m
- + Thickness: approx. 0.95mm
- + Pull strength: 110daN





CALIBRATION

The setting device VAS 6430 serves to adjust the radar sensor from ACC systems and also to calibrate the image sensor from the lane guard system. The Adaptive Cruise Control (ACC) is an extension of the conventional cruise control system (CCS). The CCS regulates the speed of the vehicle to a setting entered by the driver.

The ACC system implements this convenience function in the same way, with the added feature of adapting the speed to that of the vehicle travelling directly ahead if it is moving slower. A radar head regulates the distance to the vehicle travelling ahead in conjunction with electronic control systems and by measuring the distance and relative speed. The lane guard system warns the driver by vibrating the steering wheel if the vehicle leaves its lane unintentionally.

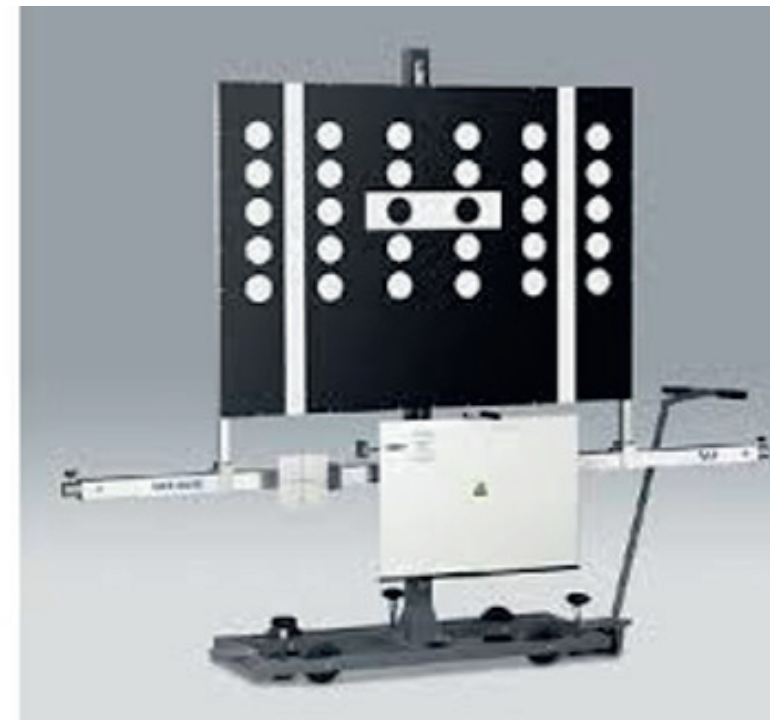
Setting device VAS 6430



The setting device VAS 6430 with the adapted calibration board VAS 6430/4 is aligned to the geometrical driving axis with the wheel alignment systems approved by VOLKSWAGEN AG. In the next step the sensors can be learnt.

Items supplied

- + 1 base frame with A-frame and 3 adjustable feet to setup base frame
- + 1 carrier pillar with line unit and one man operating device
- + 1 setting bar with precision guide rail for mounting ACC/ADC laser box or ACC reflector mirror and camera calibration board
- + 1 ACC laser box, inc. acoustic signal VAS 6430/2
- + 1 Phaeton setting disc with screen print
- + 1 Passat setting disc with screen print and adapter
- + 1 ACC reflector mirror with laser unit and acoustic signal VAS 6430/3
- + 1 coarse setting mirror for AUDI ACC sensor
- + 1 calibration board for lane guard system, inc. frame and precision slats VAS 6430/4
- + 1 gap measuring unit with tape measure and pins (qty. 2)
- + 1 Mobile base frame VAS 6430/8
- + 1 set of assembly and operating instructions



Calibration Tool VAS 6350A



Used for calibrating reversing camera. Basic equipment for calibrating surround camera and lane change assist. The product has been technically revised. The previous product can still be used. The application is described in the relevant workshop manual.

Items supplied:

- + 1 x calibration board

Included in case:

- + 1 x line laser VAS 6350/3A
- + 1 set of wheel center mountings VAS 6350/1A

comprising:

- + 2 x paddles
- + 2 x bodies
- + 6 x wheel bolt adapters VAS 6350/1-3A (AF 17, with magnets, adapter in red)
- + 6 x wheel bolt adapters VAS 6350/1-4A (AF 19, with magnets, adapter in blue)
- + 6 x spacers



Peripheral Camera Calibration Device VAS 6350/6



Used for calibrating reversing camera. Basic equipment for calibrating surround camera and lane change assist. The product has been technically revised. The previous product can still be used. The application is described in the relevant workshop manual.

Accessory for calibration device VAS 6350.

The calibration device is required to calibrate the area scan camera. The repair process is described in the workshop manual.

Items supplied

- + 1 mounting post with left plate VAS 6350/6-1
- + 1 mounting post with right plate VAS 6350/6-2
- + 1 left post mount VAS 6350/6-3
- + 1 right post mount VAS 6350/6-4
- + 1 guide pin VAS 6350/6-5
- + 1 line scan laser mount VAS 6350/6-6
- + 1 case



Calibration unit VAS 6350/4



Accessory for calibration unit VAS 6350. The calibration unit is required for calibration of the lane change assist system. The repair process is described in the workshop manual.

Items supplied

- + 1 holding post VAS 6350/4-1
- + 1 post mounting, left VAS 6350/4-2
- + 1 post mounting, right VAS 6350/4-3

In case:

- + 1 Doppler simulator VAS 6350/4



Calibration System VAS 721001 / ASE 721 001 00 000



Used to calibrate the new generation of surround cameras. The driver assist surround camera system offers a 360° view of the area surrounding the vehicle through 4 cameras (front, rear and exterior mirrors). The system has to be calibrated if the cameras change their position, for example after the camera, the mounting component or the control unit is replaced.

The calibration process requires a relatively flat, cleared surface (normal workshop floor).



PROFESSIONAL DIAGNOSIS UNIT

Professional diagnosis unit VAS 6150E

Technical data

- + Protection category IP52
- + CPU: Intel® Core™ i5-6300U vPro™
- + Memory: 8 GB DDR3
- + Storage medium: 250 GB SSD
- + Display: 14" HD TN 16 9, 1,366 x 768
- + Inputs / outputs: HDMI, 1 x USB 2.0, 3 x USB 3.0, 2 x rugged USB, SD/SDHC card reader, PKI reader
- + LAN: 10/100/1,000 MBit/s
- + Wireless LAN: Intel Dual Band AC-8260 802.11 a/b/g/n/ac
- + Bluetooth®: 4.2
- + OS: Windows 10 IoT Enterprise LTSC
- + Recovery partition for quickly restoring the factory settings when support is required
- + Docking station inputs/ outputs: 3 x USB 3.0, USB to LAN, HDMI, DisplayPort, parallel port, RS232
- + Global remote access authorisation



CAN-FD diagnostic interface for engineer VAS 6154A



The diagnosis interface VAS 6154A with wireless networking technology supersedes diagnosis interface VAS 6154. It can be used with ODIS Service (Offboard Diagnostic Information System – Service), version 5.0.0 or higher, and with ODIS Engineering (Offboard Diagnostic Information System – Engineering), version 9.0 or higher. It enables wireless data transmission from the interface in the vehicle to the diagnosis unit. On modern vehicles, diagnostic functions can only be carried out at full CAN-FD speed with this diagnostic interface. If a wireless connection is not possible/permissible, the USB module is used, which guarantees a reliable wired data transmission to the diagnosis unit.

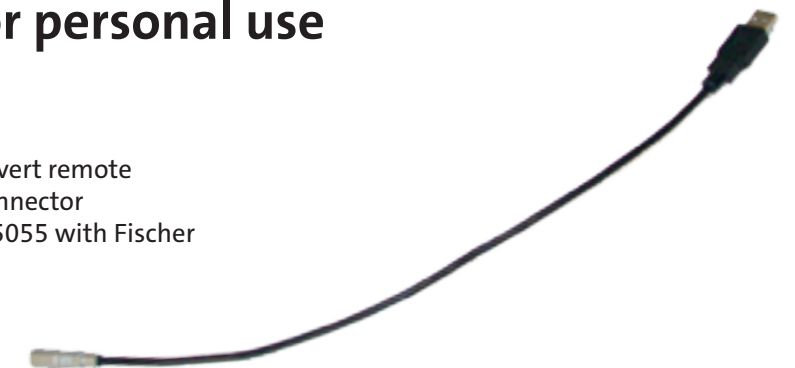
Infrastructure mode

In infrastructure mode, several network-capable devices can be connected together (network subscribers). For a wireless network, a wireless access point is required. This access point forms the connection to wireless-enabled subscribers.



Computer Adapter for personal use VAS 5055/4

The adapter VAS 5055/4 is required to convert remote diagnosis head VAS 5054A with Fischer connector (3m USB cable) or diagnosis interface VAS 5055 with Fischer connector to a standard USB connector.



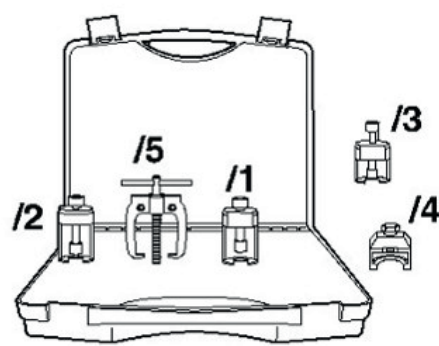
VARIOUS TOOLS

VAS 6845



Special plastic tools for damage-free removal of covers, door panels, strips, decorative trim, seals, clips, adhesive residue, etc. Sturdy plastic with varying degrees of hardness from white (soft plastic) to dark blue (very hard plastic).

Puller T10369



Audi and Volkswagen models. For removing wiper arms on front wiper system with integrated pedestrian safety.

VAS 6427



With these pliers the interior grab handles can be removed easily and without trouble.

T10558A / T10558



Releasing the retaining clips when removing the sun visor. The optimized shape of the special tool T10558A near the gripping surfaces makes it easier to release the retaining clips when removing the sun visors and is technically necessary for work involving them.

T10039 / T10039/01



Used when removing door trim. Used when dismantling door panel

T40207



To remove analogue clock and doorhandel

VAS 6190/2



The setting tool VAS 6190/2 is required for adjusting the radar head of the Adaptive Cruise Control (ACC) system.

DIVERSE VERKTØY

T10389



Used for removal and installation of the lock cylinder housing on doors with no lock cylinder.

T10518A



The release tool serves to remove the roof grab handle of the Tiguan 2016 > without causing damage. The tool can also be used on the Golf 2013 > and Golf estate 2014 >

VAG 1634B / Clips



Upholstery clip pliers. For fitting aluminium clips, e.g. on seat padding and covers

Seat attachment clip

Cutting tool



VAS 6614/1
VAS 895 003/007/011/013/027
VAS 6379

Tool for cutting out the holes for parking sensors. This tool is necessary for cutting out the holes in the bumper. Available in different sizes. In between 18,2 - 40,2 mm.



VAS 6614C
ASSEMBLY TOOL FOR PDC HOLDER

For replacing defective PDC holders on bumpers.
For retroactive punching of PDC sensor holes.
Tool for cutting out the holes for parking sensors.

For replacing defective PDC holders on bumpers.
For retroactive punching of PDC sensor holes.
The repair process is described in the workshop manual.
The items supplied with the assembly tool for PDC holder VAS 6614A comprise:
VAS 6614 plus supplementary retrofit kit VAS 6614A/1 (1 centring pin Ø 17.8mm, 4 securing aids).
The items supplied with the assembly tool for PDC holder VAS 6614B comprise:
VAS 6614A plus supplementary 4 securing aids VAS 6614/7
The items supplied with the assembly tool for PDC holder VAS 6614C comprise:
VAS 6614B plus supplementary 4 securing aids VAS 6614/8 and screw hole punch Ø 18.4mm VAS 6614/9.
VAS 6614B can be modified to VAS 6614C with retrofit kit VAS 6614C/1. The supplements are for the various model-specific diameters of PDC sensor.

- Items supplied
- 1 screw hole punch Ø 18.2mm - VAS 6614/1
 - 1 screw hole punch Ø 18.4mm - VAS 6614/9
 - 1 screw hole punch Ø 26mm - VAS 6614/2
 - 2 centring pins - VAS 6614/3
 - 1 panel drill bit, cylindrical shaft - VAS 6614/4c
 - 1 drift, red - VAS 6614/5
 - 4 attachment aids, grey - VAS 6614/6
 - 4 attachment aids, blue - VAS 6614/7
 - 4 attachment aids, green - VAS 6614/8

Delenummer	ASE 412 176 03 000
Varegruppe	Tueren/Anbauteile/Zentralverriegelun
Forpakningsmål (Ø x B x H)	280x180x130
Nettovekt (kg)	2,1
Garanti (måneder)	24

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SEAT

ŠKODA

Nyttkjøretøy