Autocom product catalogue
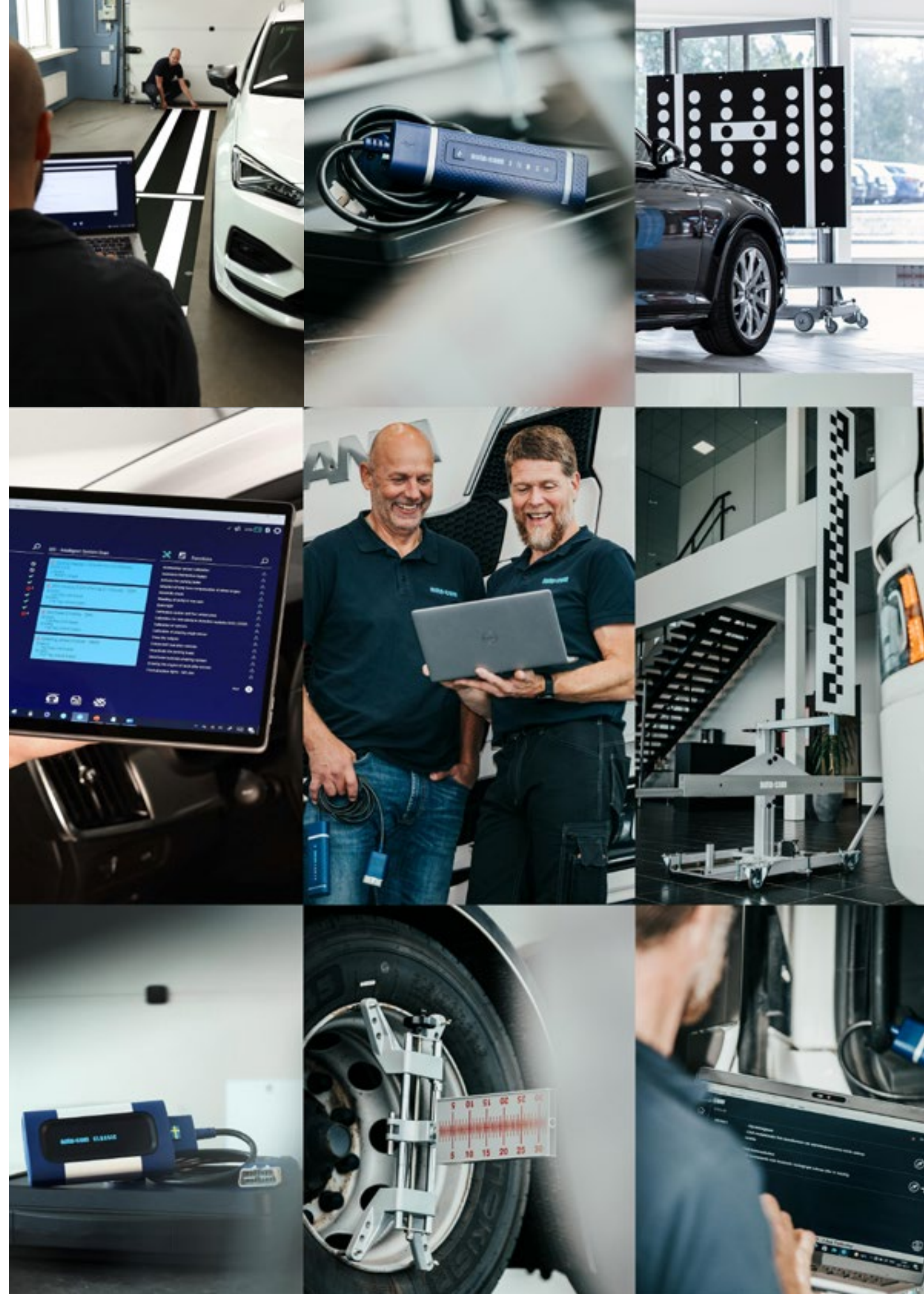
The result of more than 30 years of genuine passion for vechicle problem solving.

ICON

auto·com®

Table of contents

This is Autocom

Since 1991, we at Autocom have developed world-leading hardware and software for automotive diagnostics. Today, we also offer a range of products and services that provide efficient workflows for both one-man workshops and large workshop chains.

Our hardware and software solutions are both developed and produced in Trollhättan in the South West of Sweden. Pure Scandinavian quality, created for end users that expect nothing less than professional diagnostic solutions to solve almost any problem.

Global usage by the millions

Our customers generate over 2,500,000 vehicle diagnostic readouts every month.

The user-friendly and professional vehicle diagnostics solutions are appreciated by users around the world.

For big and small workshops

Our product range consists of high-tech, user-friendly and reliable solutions developed for vehicle workshops, vehicle inspection companies, vehicle fleet owners, salvage organisations, police, armed forces and schools.

How can we help you?

Besides the already mentioned users, we can also provide custom made solutions built around our massive vehicle database.

Do you have a business idea and need vehicle specific data? Maybe, we can help you!

Göta Älv in Trollhättan, Sweden.

Diagnostic tools

Our hardware are quick and reliable diagnostic tools serving as links between vehicle and software. Our hardware feature a unique multiplexer technology that allow them to be used regardless of voltage level and communication standards.

ICON

Our flagship product is developed for the modern workshop. A vehicle diagnostic interface, made for passenger cars, light commercial vehicles, buses and trucks. We call it ICON.

The icons
Clear and helpful indicators on the VCI showing Wi-Fi-connection, vehicle battery status, Flight Recorder and power status.

Multicolour indicator
360-visibility so you always know the status of the VCI.

Robust casing
Dust and moist resistant made from TPE plastic, pocket size and easy to hold.

Replaceable cable
Quick and easy solution in order to change the cable.

Licence dongle
A security measure and a link between your software license and ICON.

Easy connection
Use Bluetooth, WiFi or USB-C to connect ICON and the vehicle with the computer.

Secure Gateway
ICON can access and perform diagnosis on security locked vehicles.

Flight recorder
Record parameters while you are driving to be able to see their status in real time.

Passthru (SAE j2534)
Get OEM-level diagnostics, sofware downloads and more from the vehicle manufacturers.

DoIP
Integrated capability to communicate with DoIP.

CAN-FD
Integrated for higher communication speed in vehicles.

Part no	Dimension	Operating temp	Voltage	Max current	Weight
W072063300	190 x 52 x 17 mm	-20°C till +40°C	6-36 V	500 mA	410 g

User friendly software – add one or both

CARS software diagnosis via a big vehicle database that includes both passenger cars and light commercial vehicles.

TRUCKS software is used for diagnosis and service on light- and heavy commercial vehicles, trucks, trailers and buses.

CLASSIC

The option for the workshop that does not work with the newest vehicles. An easy diagnostic solution for passenger cars and light commercial vehicles.

System Scan
A quick and smooth scan through all vehicle systems. Fault codes are clearly presented and can easily be erased.

System Identification
Automatically identifiy and select the type of control unit in the vehicle.

Service Light Reset (SLR)
Easy reset of the service related messages.

Report function
Add fault codes from multiple systems in a report. Shows graphs and data from realtime data.

Vehicle Identification Number (VIN)
Quickly read out the chassis number from the vehicle.

Multicolour indicator
Different colours and sounds show the status of the communication between CLASSIC and the vehicle. The placement of the indicator allow you to see it from a far.

Part no	Dimension	Operating temp	Voltage	Max current	Weight
W072063100	180 x 85 x 30 mm	-20 – 35° C	6-36 V	500 mA	480 g

Add a user friendly software

CARS software have a big vehicle database that includes both passenger cars and light commercial vehicles.

Software

Autocom offers several different software, developed for users within each specific area. The vehicle database is updated several times a year with systems and functions for both new and old vehicles.

CARS

A unique vehicle database that includes both passenger cars and light commercial vehicles. Perform service, troubleshoot and perform adjustments and activations on vehicle systems and more.

Perform component tests and calibrate live data easily and efficiently. The software also includes ADAS calibration functionality. Our OBD tool GENERIC for performing statutory exhaust related vehicle diagnostics is free of charge and is included.

Try CARS software at www.autocom.se/cars-software-demo

TRUCKS

For diagnosing and servicing light- and heavy commercial vehicles, trailers and buses. Use the smooth System Scan and other functions and quickly get a reliable diagnosis. You can troubleshoot, make configurations, adjustments, calibrations and more.

The software is also ADAS calibration compatible. Our OBD tool GENERIC, for performing statutory exhaust related vehicle diagnostics, is free of charge and included in TRUCKS.

Product comparison

Workshops do not always have the same need when it comes to vehicle diagnostics. That is why we offer different solutions to match your needs.

Compare the different packages. Note that all information show the content for valid software licenses.

	ICON	CLASSIC
SOFTWARE		
CARS	•	•
TRUCKS	•	
FUNCTIONS		
Read and erase fault codes	•	•
Real Time Data	•	•
Adjustments	•	•
Activations	•	•
Service Light Reset (SLR)	•	•
ADAS	•	•
FEATURES		
System Scan	•	•
Reports	•	•
Bookmarks	•	•
History	•	
VIN decoding	•	•
Flight Recorder	•	
Export real time data	•	
Guided Diagnostics	•	
RegLink	•	
Secure Gateway	•	
AutoVIN	•	
PassThru (SAE J2534)	•	
DoIP	•	
Bluetooth	•	•
WiFi	•	
ADD-ONS		
HaynesPro® Info System	•	•

Licence matrix

Your workshop can chose between three different license packages, depending on the need you have. The content in the packages is presented below.

Included in all licence packages			
✓ Read and erase fault codes	✓ PassThru (J2534)	✓ Adjustments	
✓ Service Light Reset (SLR)	✓ Real Time Data	✓ Activations	
✓ RegLink (SE and UK only)	✓ VIN decoding	✓ System Scan	
✓ Reports	✓ ADAS	✓ DoIP	

Package specifics	Standard	Plus	Pro
Electrical vehicles	⊗	✓	✓
Guided Diagnostics	⊗	✓	✓
Secure Gateway *	⊗	✓	✓
Secure Gateway **	⊗	⊗	✓
Flight Recorder	⊗	⊗	✓
Tillägg			
Info System by HaynesPro	✓	✓	✓
Secure Gateway IVECO	⊗	✓	✓

* Alfa Romeo, Lancia, Fiat, Jeep, Volkswagen, Audi, SEAT, Volvo, Polestar and Škoda
** Mercedes, Smart and Renault

Secure Gateway

To be able to perform diagnosis on security locked vehicles, you need a diagnostic tool from an approved and OEM-certified supplier.

Seamless access
By using our diagnostic tool ICON, you can seamless erase fault codes, activate components or adjust and perform functions like service light reset on security locked vehicles.

Included in your license
You get the Secure Gateway solution completely free of charge if you have an ICON with an active CARS software license.

OEM-approved and certified
Our Secure Gateway solution is approved by the original vehicle manufacturers that are implemented; Mercedes, Fiat, Alfa Romeo, Jeep, Audi, Seat, Volkswagen, Škoda and Cupra.

Several vehicle brands will be continuously added to our solution.

Info System by HaynesPro®

A information system that provides you with detailed descriptions of how to fix the identified problems on a vehicle after troubleshooting.
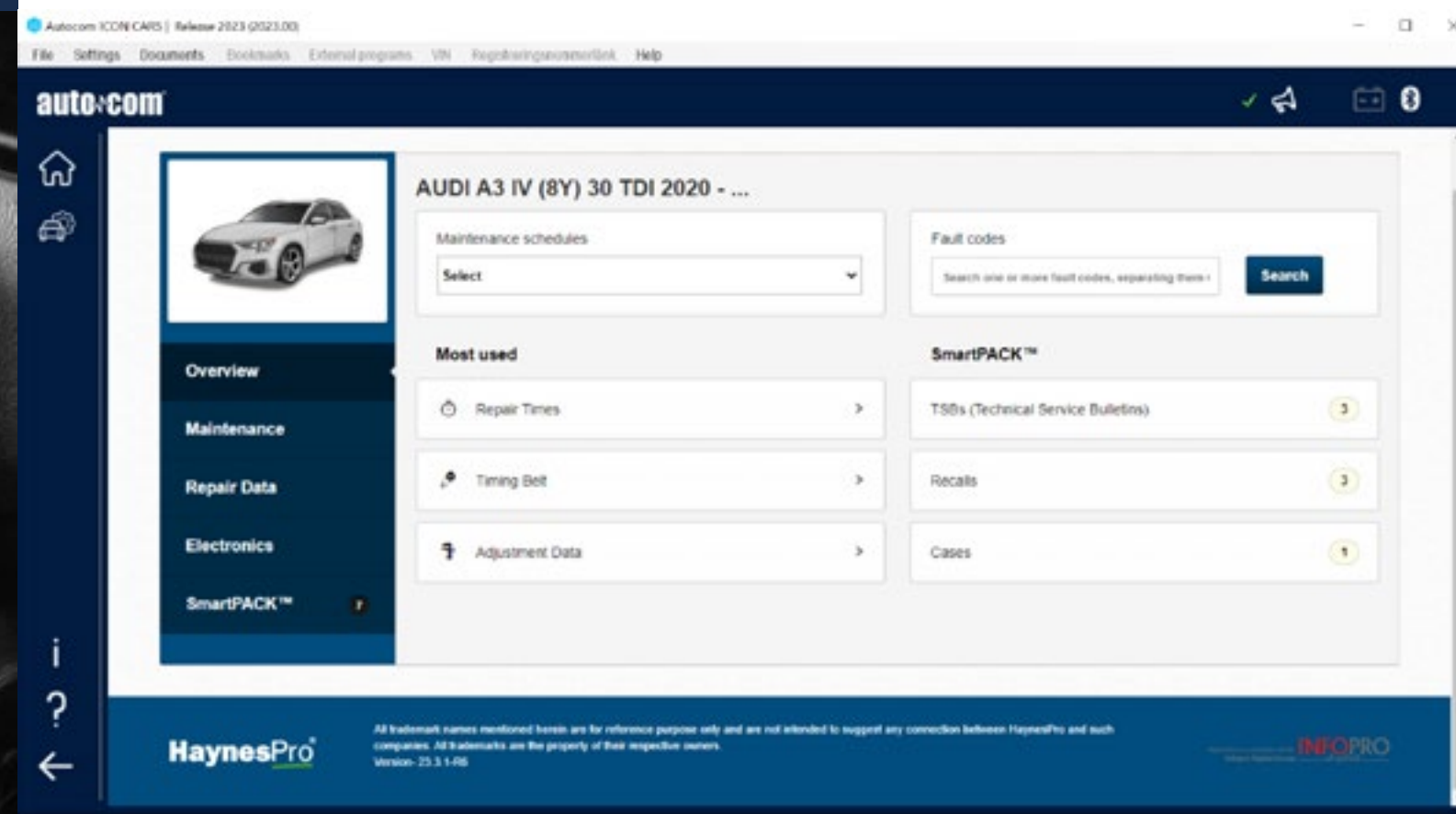
Identify and resolve problems
Make extensive identifications and get repair- and maintenance information. You will be able to identify, locate and resolve electrical system and component errors.

OEM-based data
The database contains a vast amount of multilingual automotive OEM-data for cars, light- and heavy commercial vehicles.

Some features:
· Shows how to solve the identified problems. Step by step.
· Technical drawings including torque values.
· Electronic diagrams – easier to understand compared to most OEM.
· Service bulletins linked to digital fault codes.
· Recall data directly from OEM.

ADAS

Advanced Driver Assistance Systems are technological features designed to increase the safety of driving a vehicle.

Technological features

It is for example camera or radar based systems like lane assist, automatic brakes, adaptive cruise control and much more. Whenever these systems or sensors are damaged, moved or disrupted in any way, they need to be calibrated.

Vehicle accidents are almost always caused due to driver mistakes. ADAS are there to minimize accidents. It is therefore crucial to have ADAS systems that work exactly as they are supposed to work.

A workshop needs to make sure that a safe calibration can be performed on the vehicles they repair. No matter if it is passenger cars, light or heavy commercial vehicles such as trucks and buses.

Autocom has ADAS solutions that follow vehicle manufacturers standards for those vehicle types.

Two calibration types

There are two types of ADAS calibration that can be performed: static or dynamic.

Dynamic calibration

The function puts the vehicle's ADAS system in calibration mode with a diagnostic tool and then take the vehicle on a drive. The vehicle manufacturer has specific demands of how to perform this. For example the road might need to be straight and of a certain distance in order for the calibration to be correctly done.

Static calibration

For this function the vehicle needs to be calibrated in a workshop, using special equipment and a diagnostic tool. It can for exampel be a rig with targets, wheel clamps and radar measurement equipment that is set up to the vechicle according to the vehicle manufacturer instructions.

Some examples of when calibration is necessary

- The wheel setting on the front or rear axle is adjusted.
- After adjustment of the driving height.
- The camera in front of the driver assistance system has been removed, installed or replaced.
- The windscreen has been removed and installed or replaced.
- After changing the installation position.
- In the case of a malfunction/customer complaint.
- In the case of instructions from the respective manufacturers.

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CARS

Calibration rig for cars and light commercial vehicles. Perform static calibration of radar and camera together with ICON or CLASSIC.

Calibration of major vehicle brands

Autocom ACS CARS gives you maximum flexibility. The system can be assembled anywhere at any time and calibrates vehicles of all sizes, from small cars to light commercial vehicles.

All necessary parts are included in the package except for targets that need to be purchased separately depending on the vehicle make and model.

Features

· The height is adjustable with a spring balanced calibration target carrier.
· The rig is powder coated.
· Self centring wheel clamps.
· Separable laser carrier with two mounted laser pointers.
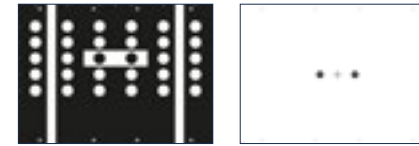
Part no W074311000

Targets & accessories

All targets are double sided printed and are easily mounted on the calibration rig.

TFC-1 / TFC-2
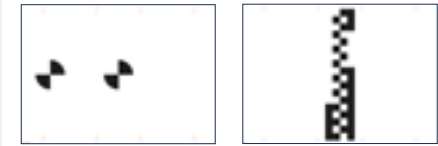Audi, Cupra, Seat, Škoda, Volkswagen / Volvo, Mercedes, Polestar
Part no W074321000

TFC-3 / TFC-4
Renault / Citroën, DS Automobiles, Opel, Vauxhall, Peugeot
Part no W074321007

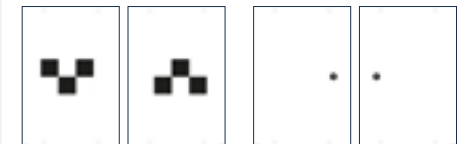### TFC-5 / TFC-6
Fiat, Hyundai, Jeep, KIA / Alfa Romeo
Part no W074321001

TFC-7 / TFC-8
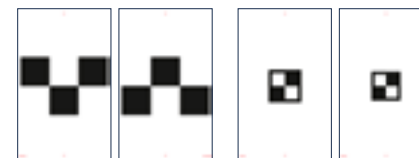Nissan, Mercedes / Mazda
Part no W074321002

TFC-9 / TFC-10*
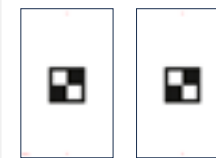Mazda / Mitsubishi
Part no W074321003

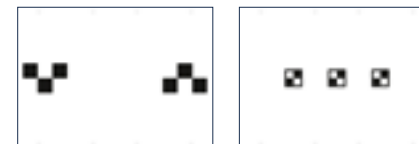### TFC-11 / TFC-12*
Suzuki, Toyota, Lexus, Mazda / Toyota
Part no W074321004
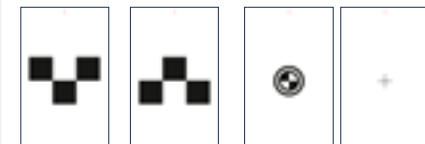
TFC-13 / TFC-22
Nissan / Toyota
Part no W074321010

TFC-15 / TFC-16 / TFC-17*
Honda / Honda / Hyundai, KIA
Part no W074321006

Radar reflector (TFR-2)
Reflector plate for static adjustments of the radar systems on some cars and LCV. Including reflector plate, holding device and distance laser.
Part no W074331000

Target adjustment rails
Adjustment rail kit for holding the cars and LCV calibration targets. Including one rail at the top and one rail at the bottom.
Part no W074331001

360° calibration target mats
Manufacturer specific target mats for calibration of 360° surround view camera systems.
Part no coming soon

*Calibration target can only be used in combination with target adjustment rail.

TRUCKS

Calibration rig for trucks, buses and light commercial vehicles. Perform static calibration of radar and camera together with ICON.

Wide brand coverage

Autocom ACS TRUCKS is easy to transport and has short set-up-time. This allows all work to be carried out on the spot, practically anywhere.

All necessary parts and targets for MAN, Scania, Volvo and Renault are included in the package. Targets for light commercial vehicles can be added separately.

Features

· The height is adjustable with a spring balanced calibration target carrier.
· The rig is powder coated.
· Self centring wheel clamps.
· Laser carrier with two mounted laser pointers.

Part no W074311500

Targets & accessories

ACS CARS & TRUCKS are developed in accordance with manufacturer specifications.

Target for MAN, Iveco and Scania
Included in the package.
Part no W074341504

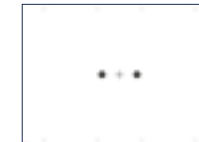### Target for Volvo and Renault
Included in the package.
Part no W074341503

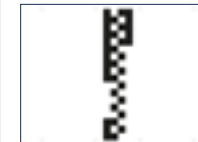### TFC-1 / TFC-2*
Volkswagen / Mercedes
Part no W074321000

TFC-5 / TFC-6
Fiat / Alfa Romeo for ACS CARS
Part no W074321001

Universal target holder
Holder for LCV targets.
Part no W074331500

Mirror cam calibration
Alignment for mirror camera calibration. Suitable for Mercedes Benz Actros.
Under development

Radar for MAN
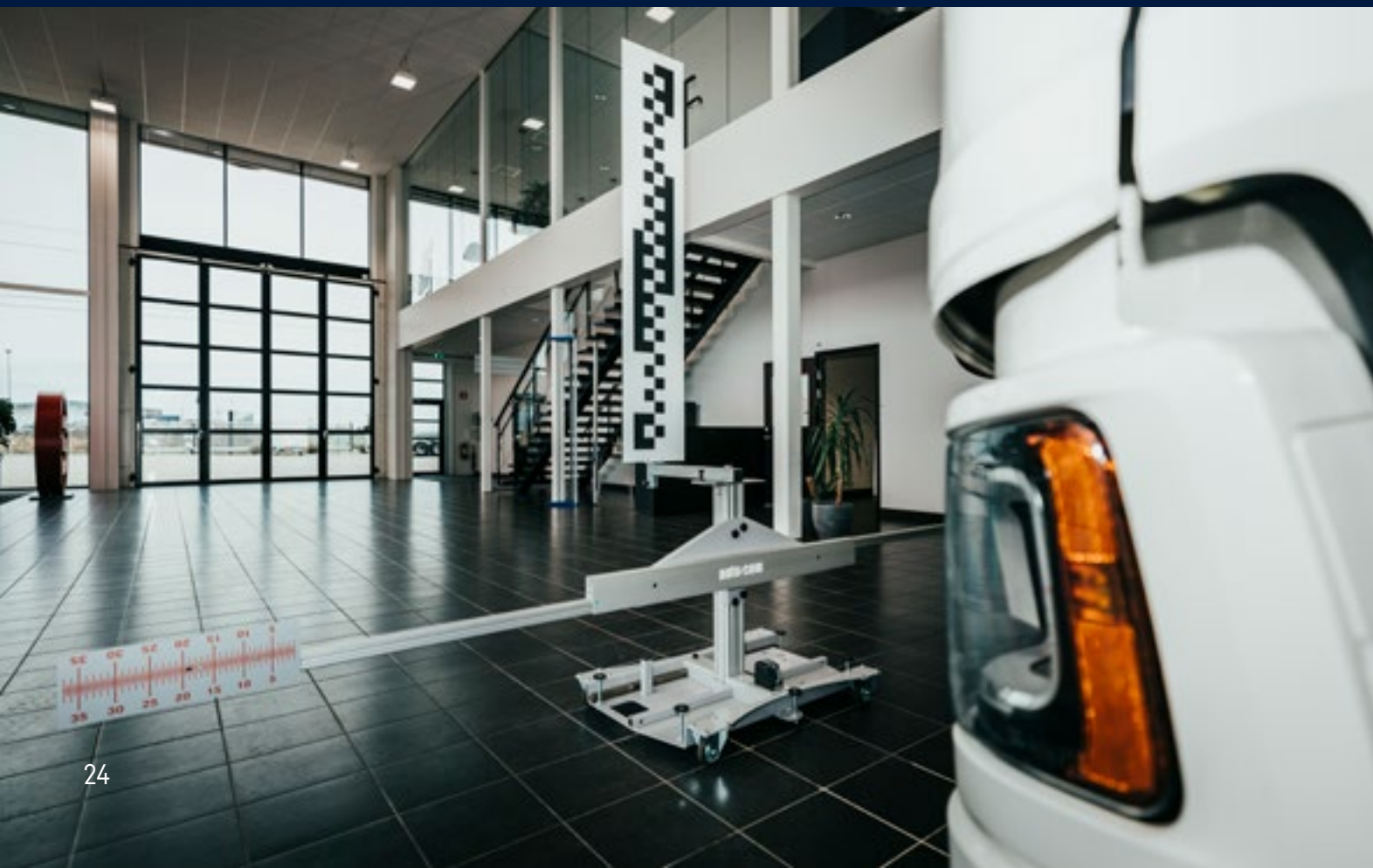Expansion tool suitable for MAN Euro 6 vehicles.
Part no W074331501

Radar for Volvo and Volkswagen
Expansion tool suitable for Volvo Truck/Bus, Euro 6 vehicles and VW Transporter.
Under development

*Target can only be used in combination with universal target holder.

CHARGER

Battery chargers and support units that maintain a vehicle's battery at a perfectly stabilised voltage. Guarantee the performance of the battery and the vehicle's on-board electronics.

High-performance

Our battery chargers and support units are high-power chargers with inverter technology. They maintain a stable voltage throughout the vehicle's electrical systems.

Your benefits

You can now follow the manufacturer's recommendations and carry out a fault-free update of the vehicle's computer system.

CHARGER 12V

Powerful and smooth unit for passenger cars and LCV.

- Supports up to 120A.
- For 12V lead or lithium batteries between 5 - 1500 Ah.
- Low height (13 cm) allows the device to fit underneath a vehicle.

Part no W071068002

CHARGER 6-24V

Robust unit with a wide range of use for the entire vehicle fleet.

- Supports up to 100A.
- For 6, 12 or 24V lead or lithium batteries from 5 - 1200 Ah.
- Cable reel on the front.

Part no W071068001

Why you need a battery charger

Having a good and powerful battery support unit (BSU) will save your time as well as keep the voltage of the vehicle perfectly stabilised.

Autocom CHARGER are easy to move and easy to use. Use them when performing service and repair in a workshop, when showing vehicles that are up for sales, at exhibitions et cetera. The vehicle owners will be thankful that you do not leave them a vehicle with a badly charged battery.

Your benefits with Autocom AVILOO

- Get the answers you need
- Gain of customer trust
- Enables a more correct vehicle pricing
- Easy to use
- Informative reports
- TÜV-certificated battery certificate
- CARA certification (www.cara-europe.org)

Check the status of electric vehicle batteries, in 3 minutes.

Autocom AVILOO

Autocom AVILOO is one of few solutions to test the actual status of high voltage vehicle batteries. It is super easy and you get a full report of the battery health.

Two tests - FLASH and PREMIUM

There are two test options to choose from. FLASH or PREMIUM. Both give you real time battery information and status. Check battery condition, State of Charge (SoC), State of Health (SoH) and much more.

FLASH Test

The fastest battery test. Detects possible defects and determines the functionality of the traction battery.

- 3 minute battery analysis
- Testing on parked vehicle
- Receive a test report

How FLASH Test is done
1. Plug the unit into the vehicle
2. Start the engine

The battery check starts (the LED flashes yellow). The test takes about 3 minutes (the LED turn green).

A test report is now sent to your e-mail.

PREMIUM Test

The most comprehensive battery test. Provides exact battery information and a TÜV certified battery certificate.

- Detect possible defects on the battery
- Battery is analysed during drive
- Independently measured SoH

How PREMIUM Test is done
1. Plug the unit into the vehicle
2. Charge the vehicle to 100%
3. Follow the instructions you have received
4. Drive the vehicle from 100% to 10% charge level in the course of your ordinary driving. You have up to 7 days to do this.

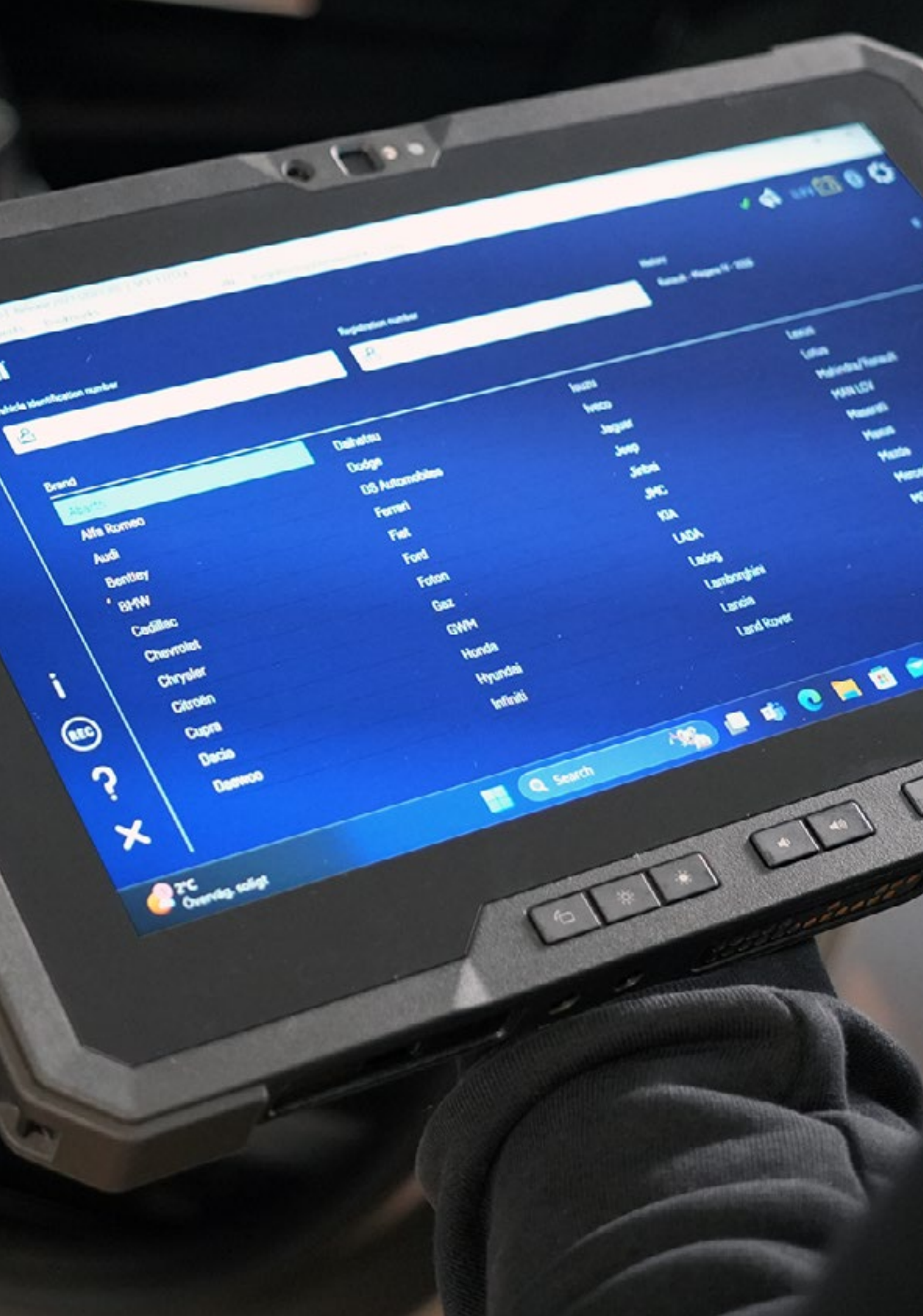A certificate will be sent in a few days.

Tablet

Dell Latitude 7220 Rugged Extreme Tablet
Peak performance with military-grade durability

A great choice for vehicle workshops that use Autocom diagnostic software CARS and/or TRUCKS. Work faster, anywhere. The lightest and most powerful 11,6" fully rugged tablet on the market.

Tablet suitable for any vehicle workshop
If you need a rugged tablet to your vehicle diagnostic solution, this is the one. A combination of powerful technology and military-grade durability. Maximum protection against dust, dirt and water ingress, as well as a full sunlight viewable screen. Ready to take on practically any working area.

Technical specification
· Screen size 11,6"
· Resolution 1920 x 1080
· Weight 1,33 kg
· OS Windows 10 Pro
· IP-65 rated – maximum protection against dust, dirt and water ingress
· CPU 8th Generation Intel® Core™ i5-8365U (6 MB Cache, 4 Core, 1.60 GHz to 4.10 GHz, vPro™)
· RAM 8 GB, LPDDR3, 2133 MHz
· Hard drive M.2, 256 GB, Gen 3 PCIe x4 NVMe, Class 40 SSD.

OBD adapters

2+2 pin VAG
Part no W074062650

14 pin MB Sprinter+VWLT
Part no W074062651

10 pin Opel
Part no W074062652

2 pin PSA*
Part no W074062653

30 pin PSA
Part no W074062654

10 pin SAAB
Part no W074062656

3 pin FIAT
Part no W074062657

20 pin BMW
Part no W074062658

38 pin MB
Part no W074062659

Ford, Volvo, VAG (FVV)*
Part no W074062660

8 pin Volvo
Part no W074062661

16 pin Scania/DAF
Part no W074062662

10 pin Opel
Part no W074062652

37 pin MAN
Part no W074062664

30 pin Iveco
Part no W074062665

12 pin Renault
Part no W074062666

4 pin Haldex Trailer
Part no W074062667

7 pin Knorr/WABCO Trailer
Part no W074062669

4 pin Haldex (ECU) Trailer
Part no W074062671

12 pin Deutz
Part no W074062694

7 pin ISO 7638 Trailer
Part no W074062693

38 pin Iveco
Part no W074062673

7 pin Knorr Trailer
Part no W074062675

9 pin Deutsch
Part no W074062677

4+4 pin Haldex ABS Trailer
Part no W074062679

9 pin Bus
Part no W074062681

3+6+9+9 pin ZF
Part no W074062682

18 pin Knorr
Part no W074062683

15 pin WABCO
Part no W074062684

25 pin WABCO
Part no W074062685

35 pin WABCO
Part no W074062686

5 pin Mini USB
Part no W074062687

9 pin Hübner
Part no W074062688

16 pin power adapter
Part no W074062691

DoIP-adapter for CLASSIC**
Part no W074063001

*This cable requires the OBD Power Cable W074062917 for TRUCKS or W074062924 for CARS.
** Does not work on DoIP vehicles that has a network with multiple addresses such as Jaguar, Polestar, Range Rover and Volvo.

List of abbreviations

ASC	Advanced Calibration System. A hardware used when calibrating ADAS systems.
ADAS	Advanced Driver Assistance Systems. Technological features designed to increase the safety of a driving vehicle for example radar, camera and more.
CAN & CAN-FD	The Controller Area Network (CAN bus). A message-based protocol designed to allow the Electronic Control Units (ECUs) as well as other devices, to communicate with each other in a reliable, priority-driven way.
DoIP	Diagnostics over Internet Protocol, is a high speed communication standard that is used in some vehicles. DoIP enables much higher data communication speed in the vehicles than the traditional CAN-communication.
EOBD	European On-Board Diagnostics. Test that are used to read out data from the vehicle's built-in statutory diagnostic function. The primary function is to monitor emission related component functions.
J2534	J2534, also known as Pass-Thru, is a vehicle communication standard. With J2534, independent repair shops can access information programming downloads and more from the vehicle manufacturers. The J2534 standard is designed by SAE (Society of Automotive Engineers) and mandated by the US EPA (Environmental Protection Agency) for vehicle ECU reprogramming.
LCV	Light Commercial Vehicles.
OBD	On Board Diagnostics. A built-in diagnostic system where you through the vehicle's diagnostic connector can read out information and possible fault codes from the car's so-called fault memory.
OBFCM	On Board Fuel and Energy Consumption Monitoring. Devices that determine the fuel and electric energy consumption, as well as distance driven on-board a vehicle. Based on the European Union type-approval regulation, OBFCM devices are mandatory for new types of passenger vehicles and most light commercial vehicles since January 2020, and since January 2021 for all new vehicles of these categories.
OEM	Original Equipment Manufacturer. Refers to something made specifically for the original product.
SG	Secure Gateway. A collective name for what vehicle manufacturers do in order to protect their vehicle data. Vehicles with Secure Gateway have a locked access. Without the right diagnostic unit, you will not be able to do diagnosis on these vehicles.
VCI	Vehicle Communication Interface. A hardware that connects directly to the vehicle's diagnostic socket.

System requirements

You are entitled to a helpful and nice experience when working with Autocom diagnostic solutions. But in order to get the most of it, it is crucial that your PC can match the system requirements. If not, your experience will not be as quick and helpful as it is supposed to be.

System requirements CARS and TRUCKS software

- Intel® Core i5 or better
- Windows® 10 or Windows® 11
- 4 GB RAM (depending on the OS)
- 16 GB free space on the hard drive
- Screen resolution of 1440 x 900 or higher
- Connection to the Internet
- Bluetooth (SPP)
- USB port
- Adobe Acrobat Reader 8.0 or higher
- Recommendation to turn off sleep mode
- S-mode on Windows 10S must be switched off