Version 11

Autocom product catalogue

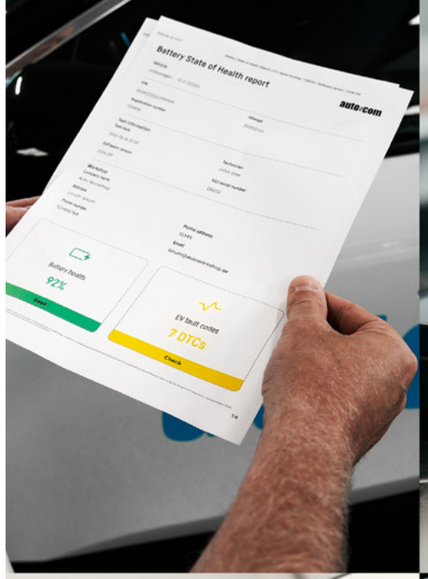
Professional diagnostics for modern workshops – built on more than 35 years of passion for vehicle problem solving.



autocom®

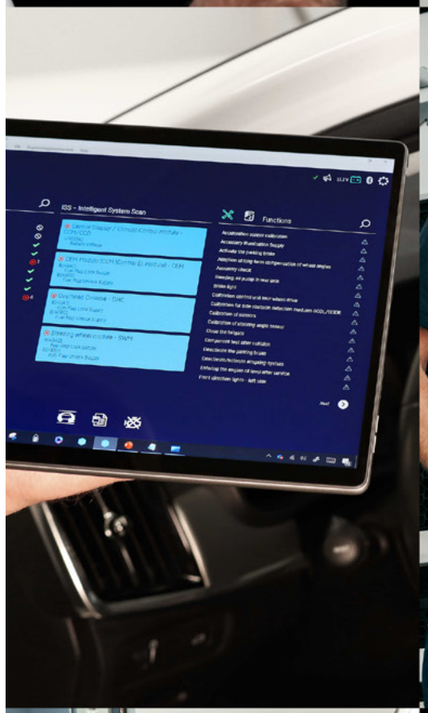
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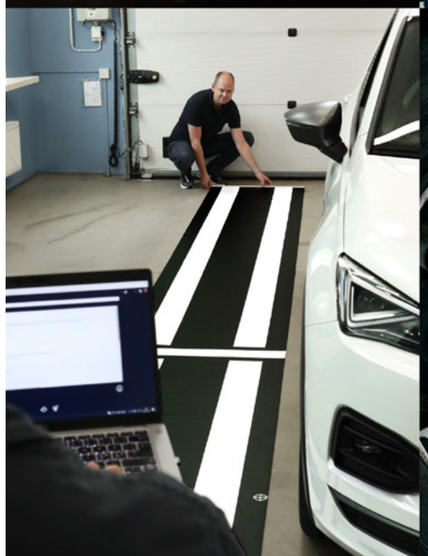
















Coming soon!

Autocom Apex platform

A new foundation for vehicle diagnostics is taking shape. Our upcoming platform Apex will bring all vehicle data into one unified environment.

Apex is our new cloud-native digital platform where APIs, next generation technologies, and rapid innovation converge to accelerate future services.

Vehicle diagnostics and beyond.

Diagnostic functionality for vehicle workshops

- Use with Android, iOS or Windows
- Cloud-based software
- No time-consuming installations
- Always updated
- VIN readout with camera
- Multiple users
- Top 10 diagnostic functions
- Take photos of parts and faults
- Vehicle work history
- AI support
- Cybersecurity
- SOVD ready
- Light and dark mode
- New and improved design
- Onboarding of new users
- Developed in Sweden

Apex

Your way to apex starts here

Customised solutions

Turn vehicle data into opportunity. With open HTTP APIs and unified vehicle data, our platform enables seamless integrations and specialised solutions.

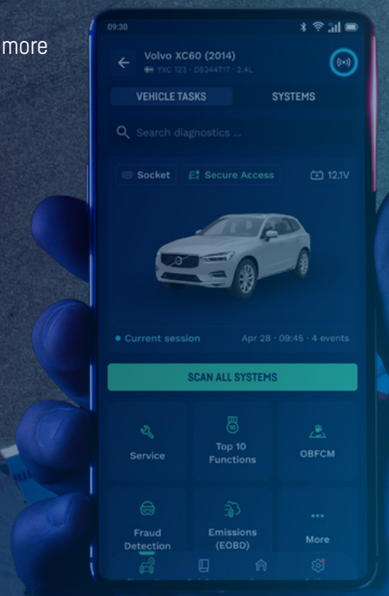
Beyond traditional diagnostics. Tailored to your business.

Examples of possible integrations

- APIs with support for full diagnostics
- Workshop management systems
- Tech data systems
- OBFCM reporting
- License management systems
- Self service solutions
- CRM systems
- SAP
- E-call
- And much more

Next generation Autocom diagnostics

For workshop mechanics, technicians, wholesalers, integrators and others.



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.

ICON

Built for long-term use in the modern workshop, this VCI is designed to handle passenger cars, light commercial vehicles, buses and trucks.

An all-in-one solution. Made to be used. Every day. Year after year.

The icons
Clear and helpful indicators showing the current communication and status.

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

Robust casing
Dust and moist resistant. Pocket size and easy to hold. Manufactured in durable, recyclable TPE.

Replaceable cable
A quick and easy replacement solution.

Licence dongle
The 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
Secure access for diagnostics on security-locked vehicle systems.

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 support for DoIP communication in mordern vehicles.

CAN-FD
Integrated to ensure fast and reliable communication with modern vehicle systems.



Part no	Dimension	Operating temp	Voltage	Max current	Weight
W072063300	**190 x 52 x 27 mm**	**-20°C till +40°C**	**6-36 V**	**500 mA**	**410 g**

User friendly software – add one or both

CARS diagnostic software with an extensive vehicle database, for passenger cars and light commercial vehicles.

TRUCKS diagnostic software for trucks, trailers, buses and light commercial vehicles.



Software is sold with annual licenses.

Software

Autocom software is developed for vehicle mechanics and vehicle technicians. The database is updated several times a year with systems and functions for both newer and old models.

CARS

A comprehensive vehicle database covering both passenger cars and light commercial vehicles.

Carry out service, troubleshooting, adjustments and system activations with ease. Perform component tests and calibrate live data efficiently.

The software also includes integrated ADAS calibration functionality and Secure Gatway access.

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

TRUCKS

For diagnostics and service of light and heavy commercial vehicles, trailers and buses.

The software supports troubleshooting, configurations and adjustments, all within one solution.

The software also includes integrated ADAS calibration functionality and Secure Gateway access.

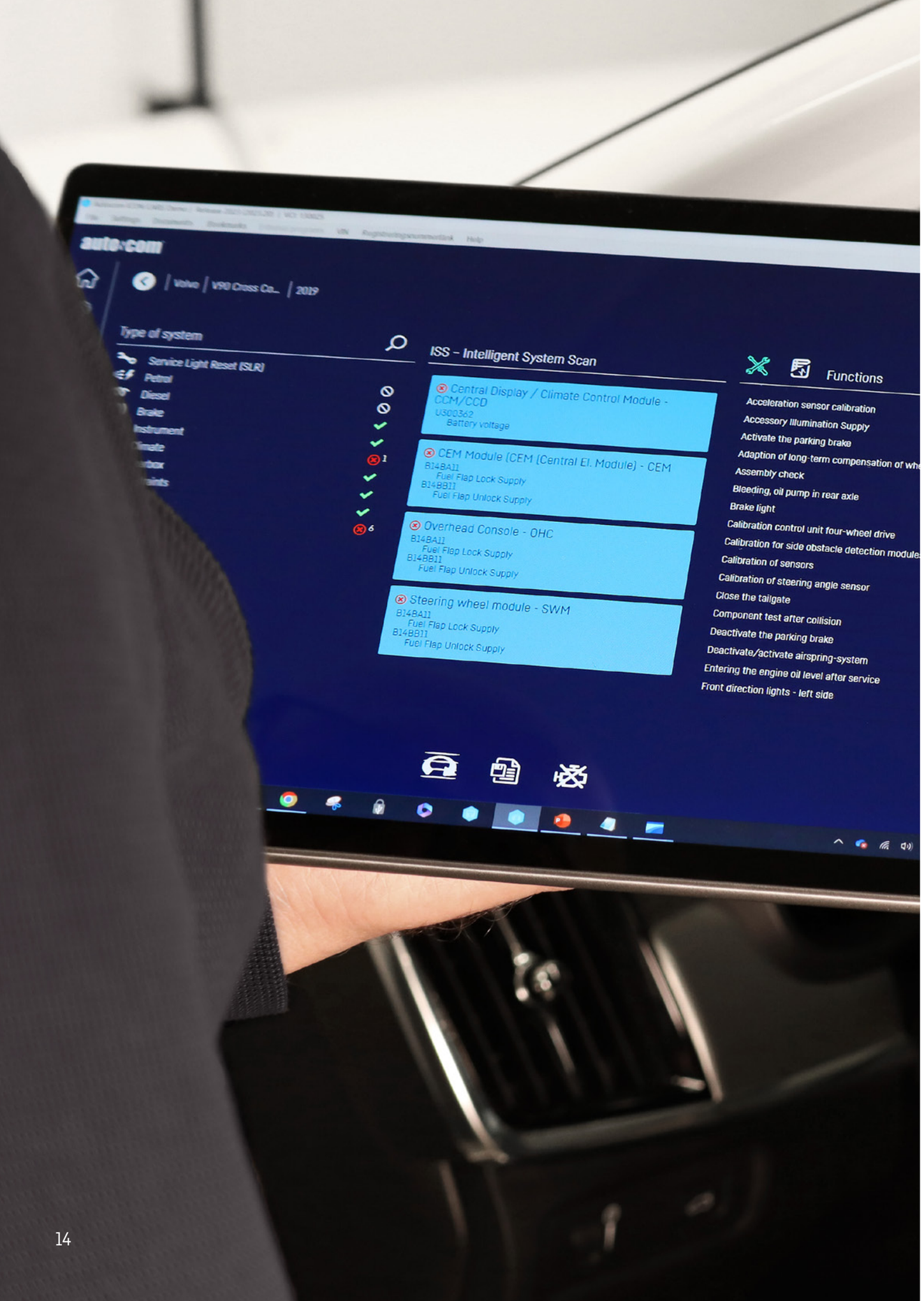
Helpful features

The software has a wide range of helpful features designed to support your daily workshop tasks.

From faster system overview to guided service functions and advanced diagnostics, the software is built to simplify complex procedures and make vehicle service more efficient and controlled.

- Read/erase fault codes
- Service Light Reset
- System Scan
- Functions
- Adjustments
- Activations
- Programming
- Automatic VIN-decoding
- Real Time Data
- DoIP
- PassThru (SAE J2534)
- Help texts
- Reports
- Bookmarks
- History
- State of Health (SoH)
- Guided Diagnostics
- Flight Recorder
- Secure Gateway
- ADAS calibration
- HaynesPro® Info System*

*Add-on



Licence matrix

Three licence packages are available, tailored to different workshop needs. The content of each package is presented below.

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

Package specifics	Standard	Plus	Pro
Electrical vehicles	⊗	✓	✓
Guided Diagnostics	⊗	✓	✓
Secure Gateway **	⊗	✓	✓
Secure Gateway ***	⊗	⊗	✓
Flight Recorder	⊗	⊗	✓
Add-ons (extra cost)			
Info System by HaynesPro	$	$	$
Secure Gateway IVECO	⊗	$	$

* Access is limited to selected markets, go to autocom.se to read more
** Abarth, Alfa Romeo, Audi, Cupra, Fiat, Jeep, Lancia, Polestar, SEAT, Škoda, Volkswagen and Volvo
*** Dacia, Ford, Honda, Hyundai, Kia, Mercedes, Porsche and Renault

Secure Gateway

To perform diagnostics on security-locked vehicle systems, an approved and OEM-certified diagnostic solution is required.

Seamless access

By using our diagnostic tool ICON, you can seamless perform service and repair. Even on security locked vehicles.

Included in your license

Secure Gateway access is included in active CARS and TRUCKS software licence and you only need one registration.

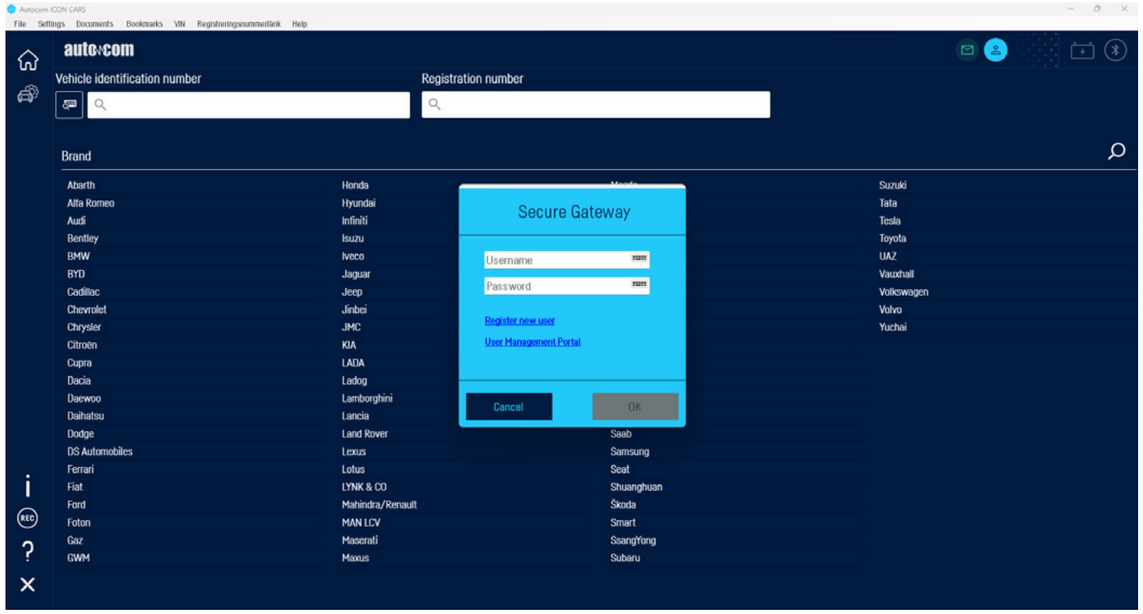
The level of access depends on the selected licence package.

OEM-authorised access

Autocom Secure Gateway is approved by vehicle manufacturers and provides authorised access to protected vehicle systems.

Access is currently available for systems in Abarth, Alfa Romeo, Audi, Cupra, Dacia, Fiat, Ford, Honda, Hyundai, IVECO, Jeep, Kia, Lancia, Mercedes-Benz, Polestar, Porsche, Renault, SEAT, Škoda, Volkswagen and Volvo.

Additional vehicle brands will be added.



Repair Services

Brand-specific technical repair support. By experts with access to OE tools. Just as if they were there with you, working on the car.

Complete the job in your workshop

Even with professional diagnostic tools and even if the mechanic has years of experience, some tasks might need brand-specific support.

Sometimes you even need the manufacturer's original diagnostic tool. That's where we come in.

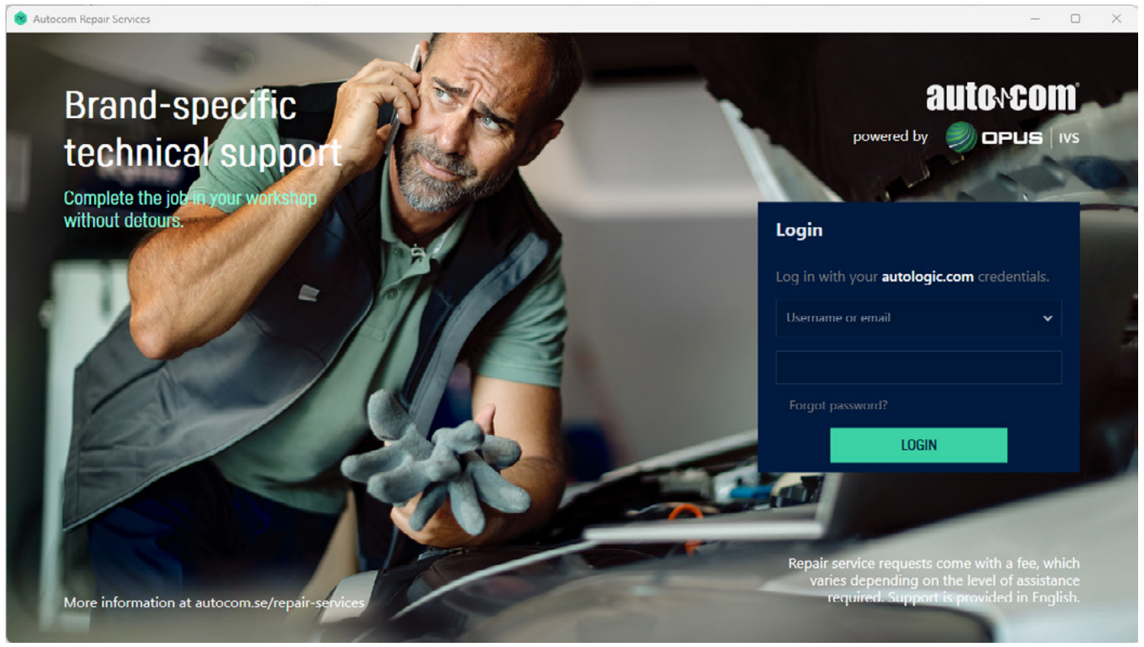
Our brand-specific support gives you the help you need to get the job done.

Get brand-specific guidance

- Service and wiring diagrams
- Technical drawings and exploded views
- Technical service bulletins
- Troubleshooting and fault code information

Access to OE tools

- Coding of new ECU
- Updating the software
- Programming a new ECU





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

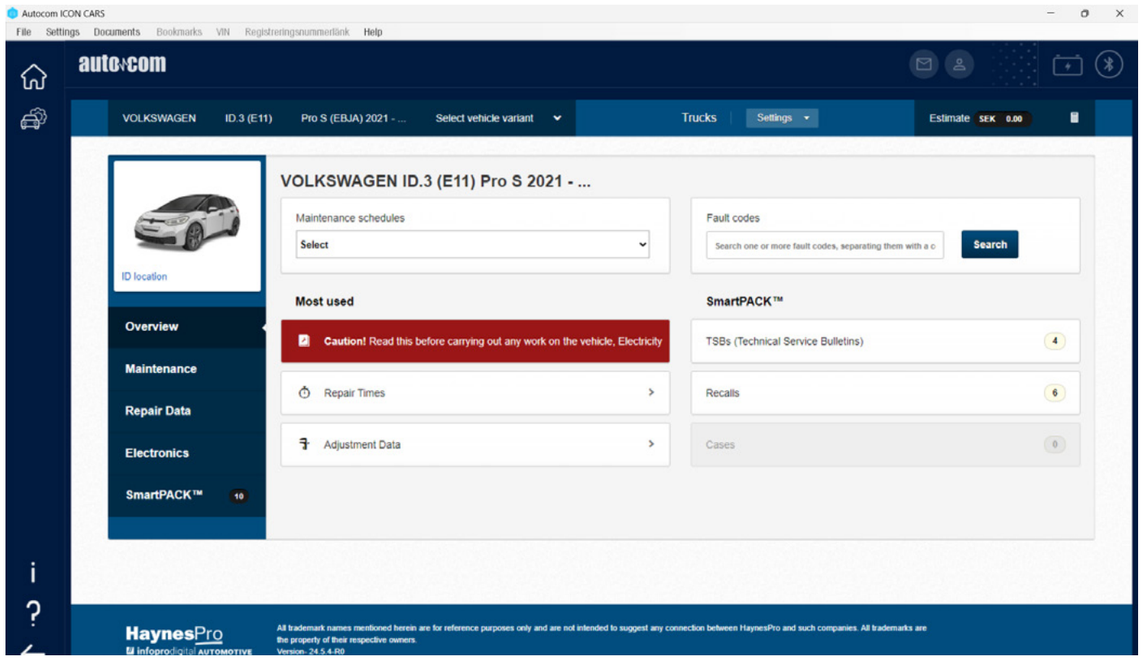
Make extensive identifications and get repair- and maintenance information. You will be able to identify, locate and resolve electrical system and component errors.

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



State of Health (SoH)

Check the condition of the high-voltage battery in an electric or hybrid vehicle.

Why SoH matters

A lower SoH value can mean reduced range, less efficient charging and lower resale value.

It may also lead to more frequent charging and costly battery repairs.

In the workshop, an SoH check is used for trouble-shooting, service, used EV sales and warranty cases.

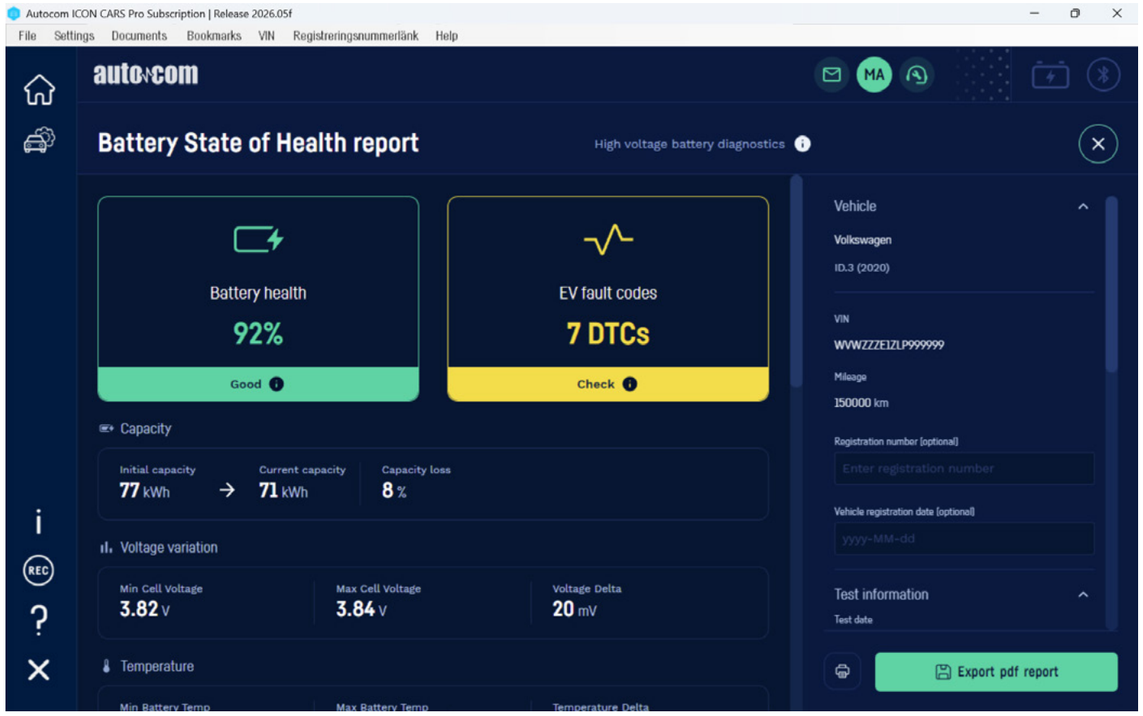
Battery health information

You can get information such as:

- the battery's estimated health in %
- whether the battery has lost capacity
- cell balance and deviations
- fault codes related to the EV-systems

Status report

After the read out you get a report of the status. This report can be printed and handed over to the customer.



Diagnostic Tablet

A great choice for vehicle workshops that use Autocom diagnostic software CARS and TRUCKS. A powerful, fully rugged tablet designed for demanding workshop environments.

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.

IP-65 rated

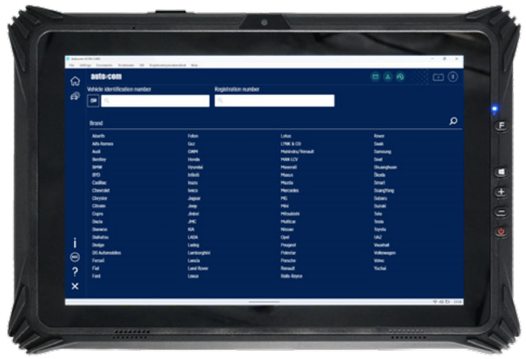
Maximum protection against dust, dirt and water ingress. Ready to take on practically any working area.

Technical specification

- Screen size 12,2”
- Resolution 1920 x 1200
- OS Windows 11 Pro
- IP-65 rated
- Intel® Core™ i5-1235U
- RAM 16 GB
- Hard drive 256 GB, SSD
- Weight 1,5 kg

Diagnostic Tablet

EM-I20A
Part no W072063900



Accessories

Docking station

Complete your Diagnostic Tablet with a convenient charging dock, allowing it to charge when not in use.
Part no W071063004



SD card

For tablets without a USB port, an SD card is available instead of the standard USB dongle.
Part no W701062205





Help texts with procedures on how to perform calibrations are available in the software.

ADAS

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

Safe calibration is essential

ADAS systems include camera- and radar-based functions such as lane assist, automatic emergency braking and adaptive cruise control.

Whenever sensors are replaced, adjusted or disturbed, calibration is required to ensure correct operation.

Accuracy matters

Most accidents are caused by human error. ADAS systems are designed to reduce that risk – but only if they function exactly as intended.

Workshops must ensure that the calibration they do is accurate.

Reliable calibration

Our ADAS solutions follow OEM guidelines. The diagnostic software provides clear help texts to guide during the calibration.

This helps ensure that calibrations are carried out safely and correctly.

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.

Vehicle manufacturers define strict calibration procedures. It could mean driving on a straight road over a specified distance to ensure the system calibrates correctly.

Static calibration

For this function the vehicle needs to be calibrated in a workshop, using special equipment and a diagnostic tool.

It can be a rig with targets 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 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
- In the case of instructions from the respective manufacturers

Advanced Calibration System (ACS)

ADAS CARS

Calibration rig for static calibration of radar and camera on cars and light commercial vehicles. Use it together with ICON.

Calibration covering most brands

When ADAS calibration is required, it needs to be accurate and easy.

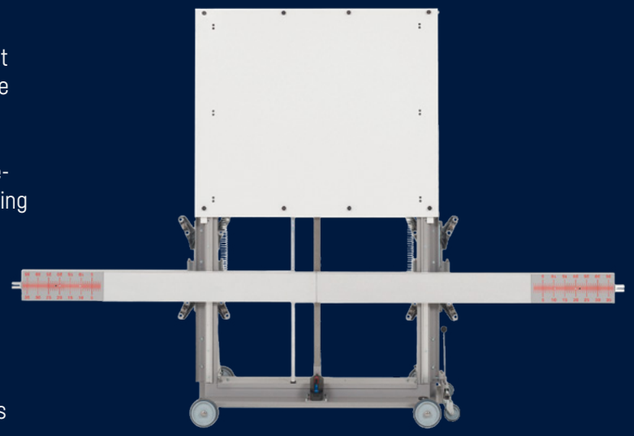
Autocom ACS for cars provides the flexibility to set up and perform calibration wherever needed, while following OEM standards.

All essential components are included, but vehicle-specific targets are purchased separately, depending on make and model.

Features

- Adjustable height
- The rig is powder coated
- Self centring wheel clamps
- Separable laser carrier with double laser pointers

ACS CARS Calibration rig
Part no W074311000

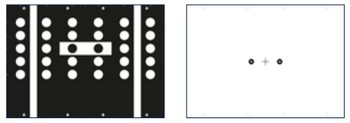




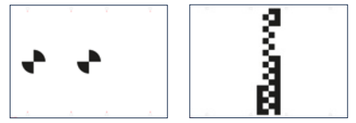
All targets are double sided printed and are easily mounted on the calibration rig.

Targets

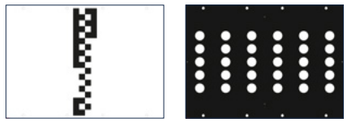
TFC-1/TFC-2
Audi, Cupra, Seat, Škoda, Volkswagen/Volvo, Mercedes, Polestar
Part no W074321000



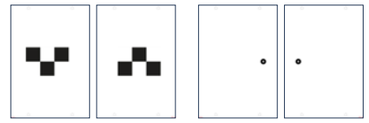
TFC-3/TFC-4
Renault/Citroën, DS Automobiles, Opel, Vauxhall, Peugeot
Part no W074321007



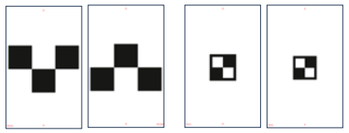
TFC-5/TFC-6
Fiat, Hyundai, Jeep, KIA/Alfa Romeo
Part no W074321001



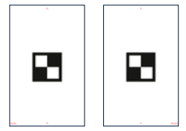
TFC-7/TFC-8
Nissan, Mercedes/Mazda
Part no W074321002



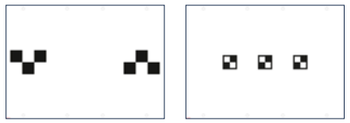
TFC-9/TFC-10*
Mazda/Mitsubishi
Part no W074321003



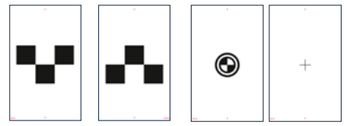
TFC-11/TFC-12*
Suzuki, Toyota, Lexus, Mazda/Toyota
Part no W074321004



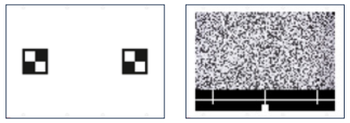
TFC-13/TFC-22
Nissan/Toyota
Part no W074321010



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



TFC-20/TFC-21
Suzuki Jimny/Isuzu D-Max II
Part no W074321009



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

Radar calibration

Target Front Radar (TFR-3) Small

Standalone front radar calibration on vehicles from Honda, Lexus, Mazda, Subaru, Suzuki and Toyota

- TRF-3
- Laser reciever
- Plumb bob



Part no W074323005

Target Front Radar (TFR-3) Medium

Standalone front radar calibration on vehicles from Honda, Lexus, Mazda, Subaru, Suzuki and Toyota

- TRF-3
- Laser reciever
- Plumb bob
- Distance laser GI4 mini
- Adapter for distance laser



Part no W074323005

Target Front Radar (TFR-3) Large

Standalone front radar calibration on vehicles from Honda, Lexus, Mazda, Subaru, Suzuki and Toyota

- TRF-3
- Laser reciever
- Plumb bob
- Distance laser GI4 mini
- Adapter for distance laser
- Cross line laser



Part no W074323005

Target mats

360° calibration target mats

Manufacturer specific target mats for calibration of 360° surround view camera systems.

Part no W074323001



Target mat rear view VAG (TRV-1)

For calibration of rear view camera on VAG vehicles.

Part no W074323002



Target mat rear view MB (TRV-2)

For calibration of rear view camera on MB light commercial vehicles.

Part no W074323003



Accessories

Accessories for enhanced flexibility in daily workshop operations.

Target adjustment rails

Adjustment rail kit for holding the cars and LCV calibration targets.
The kit includes one rail for the top and one rail for the bottom.

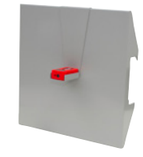
Part no W074331001



Radar reflector (TFR-2)

Reflector plate for static adjustments of the radar systems on some cars and LCV. It includes reflector plate, holding device and distance laser.

Part no W074331000



Radar kit calibration aid Volvo

Adjustment tool for various Volvo radar sensors. This tool allows for the correct adjustment of the radar sensor after installation.

Part no W074333001



Camera kit calibration aid Volvo

Adjustment tool for various Volvo front camera systems. This tool ensures correct levelling of the camera unit in the bracket after installation.

Part no W074333002



Additional mobility unit

Extra pair of wheels that can be mounted on the rig to increase the turning radius to 360° on the spot.

Part no W074331002



Stretcher arms

Extension arms for wheel clamps to prevent scratches to rims caused by metal pins

Part no W074331003



Handle

Extra handle to mount on the rig.
Good to have when using additional mobility unit (Part no W074331002).

Part no W074341007



Advanced Calibration System (ACS)

ADAS TRUCKS

Calibration rig for static calibration of trucks, buses and light commercial vehicles. Use it together with ICON.

Easy and accurate

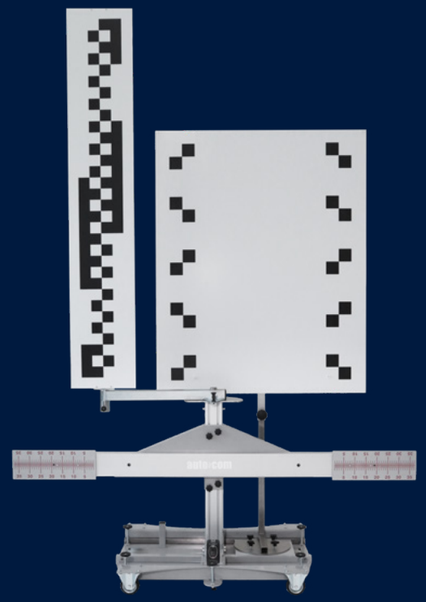
Efficient ADAS calibration in the workshop requires a solution that is easy and quick to set up. Autocom ACS TRUCKS can be rolled into place and used directly where the vehicle is parked.

All necessary parts and targets for MAN, Scania, Volvo and Renault are included. Targets for light commercial vehicles are available separately.

Features

- Adjustable height
- The rig is powder coated
- Self centring wheel clamps
- Laser carrier with two mounted laser pointers

ACS TRUCKS calibration rig
Art nr W074311500





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

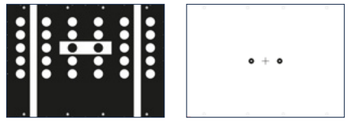
Targets & accessories

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

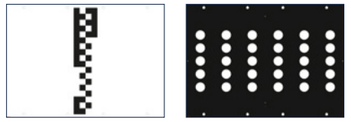
Target for Volvo and Renault
Included in the package.
Part no W074341503



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



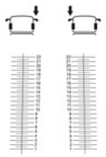
TFC-5/TFC-6
Fiat/Alfa Romeo for ACS CARS
Part no W074321001



Universal target holder
Holder for LCV targets.
Part no W074331500



Target for mirror cam calibration
Transparent target for calibration.
Art nr W074321501



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 Volkswagen Transporter.
Part no W074331502



Tool for mirror cam calibration
Alignment for side mirror camera calibration. Suitable for Mercedes Benz Actros.
Art nr W074331503



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

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**
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

ACS	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 Vehicle.
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 measure 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 correct diagnostic unit, it is not possible to access or perform diagnostics on these protected vehicle systems.
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.

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® 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



autocom®

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