

CAN module

ALL ON-ROAD VEHICLES

Firmware version: **3.0.22**
Release date: **29.04.2025**

CAN module		Supported logistic parameters																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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				Total distance	Total fuel/energy usage	Total idle fuel/energy usage	Total engine time	Total driving time	Total engine idle time	Fuel/battery level	Adblue level	Oil level	Battery charing current	Engine speed	Speed	Current fuel consumption	Range	Current gear	Engine load	Engine torque	Turbo pressure	Accelerator pressure	Brake pedal pressure	Retarder usage	Engine coolant temperature	Oil temperature	Battery temperature	Battery voltage	Battery charging remaining time	Ambient temperature	DPF soot level	Tyres pressures	Tyres temperatures	Card presence and work mode	Drivers' card numbers	Drivers' names	Drivers' working timers ¹	Next calibration date	Vehicle gross weight		Trailer gross weight	Axle weights	Rapid brakings count	Rapid accelerations count	Engine speed ranges driving times	Total vehicle overspeed time	Total brake applies count	Predictability	Total cruise control driving time	Total accelerator kick downs count	Total accelerator kick-down time	Service distance	Time to service	Read Diagnostic Trouble Codes	Total engine cold running time	Engine all starts count	Engine cold starts count	Engine starts by ignition count	Handbrake applies on the ride	Battery charging cycles	Battery state of health	VIN	Registration Number	Fuel type	VIN of trailer	Real time clock																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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www.albatross.com.pl CAN module - supported car models and logistic parameters (on-road vehicles) Page 4 of 19

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www.albatross.com.pl CAN module - supported car models and logistic parameters (on-road vehicles) Page 8 of 19

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CLARIFICATIONS

Due to various equipment and target markets, some information in particular vehicle models may be unavailable.

ID – vehicle model to be set in CAN module (column available only after NDA agreement)

Vehicle model name and year refers always to generation of the model, which was introduced (or face-lifted) in given year.

For electric cars - fuel related parameters stand for battery parameters (as electricity is a "fuel" for electric cars), i.e. tick in "fuel level" column stands for battery charge level

Symbol in data grid

- ✓ - parameter supported
- ✓ - supported, but may be unavailable if connected via contactless readers
- ✓₂ - for fuel level – available 2 fuel kinds (usually petrol and gas)
- 🔑 - ignition key signal supported
- 🔌 - no ignition key signal, but „Engine on” signal is available instead

Indicators

- | | | | |
|---|-------------------------------------|---|----------------------------------------------|
| 🚪 | - Doors and trunk | ❗ | - Air conditioning (A/C) |
| 🚼 | - Driver seatbelt | 🚒 | - Airbags indicator |
| Ⓟ | - Handbrake | 🔒 | - Central lock |
| ☹ | - Low - beams | ❗ | - Brake system malfunction / brake fluid low |
| ☹ | - High - beams | 🔥 | - Engine hot |
| ☹ | - Front fog lights | Ⓜ | - ABS indicator |
| ☹ | - Rear fog lights | ⚠ | - Hazard lights |
| 🔌 | - "Check engine" indicator | 🔌 | - Battery charging (for electric cars) |
| ⛽ | - Fuel low indicator | 🚫 | - DPF burning lock |
| 🚰 | - Brake pedal | ⚙ | - PTO |
| ℹ | - Reverse gear | 🔥 | - Parking heater (factory equipment) |
| ☹ | - Running lights / lights indicator | 🚰 | - Oil level low indicator |
| 🔌 | - Battery indicator | 🚰 | - Brake linings |
| 🚰 | - Oil pressure low indicator | 🔌 | - Service call |
| 🚰 | - Clutch pedal | 🚰 | - Tire malfunction / TPMS |
| 🚰 | - Cruise control | 🚰 | - Passengers seats occupancy status |

Special vehicles types marking

- 🚗 - Electric vehicle
- 🚌 - Bus
- 🚚 - Trailer

¹ Drivers' working timers are provided by certain versions of tachographs: VDO 2.1 and 2.2 (only when „VDO Counter” option is enabled), VDO from 3.0, Stoneridge from 7.4, Efas 4.8. Note that particular set of available timers depends on tachograph model (some timers may be missing in particular models of tachographs). For the entire list of supported timers - see ASCII or Xon/Xoff protocol.

² FMS setting relates to all trucks, buses etc. which have dedicated FMS interface to connect third-party devices (ask manufacturer's authorized service) and are not listed above. The number of supported information describes capabilities of the device, not the guaranteed set in every vehicle. It depends on vehicle manufacturer's application. CAUTION! „FMS” setting cannot be used in conjunction with any other connections described by the device's installation guide but „FMS”.

³ J1708 / J1587 setting relates to all trucks, buses etc. which have no CAN-bus, but J1708/J1587 interface (especially american vehicles). The number of supported information describes capabilities of the device, not the guaranteed set in every vehicle. It depends on vehicle manufacturer's application.

⁴ OBD II (J1979) setting relates to common standard which is obligatory for every european passenger car since 2008 (but exists widely in older models, too). It provides less data than available under dedicated connection, but assures simple connection to OBD connector's pins 6 and 14. The number of supported parameters describes capabilities of the device, not the guaranteed set in every vehicle. It depends on particular car model. „OBD II (J1979)” setting is not available by autosynchronization!