





































# CAN module

## 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
- √<sub>2</sub> - 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                   | ⚙️ | - PTO  |
| 🚗 | - Driver seatbelt                   | 🚫  | - DPF burning lock                           |
| Ⓟ | - Handbrake                         | 🧑  | - Airbags indicator                          |
| ☞ | - Low beams                         | 🔒  | - Central lock                               |
| ☝ | - High beams                        | Ⓜ  | - Brake system malfunction / brake fluid low |
| 🚗 | - Front fog lights                  | 🔥  | - Engine hot                                 |
| 🚗 | - Rear fog lights                   | Ⓜ  | - ABS indicator                              |
| 🚗 | - "Check engine" indicator          | ⚠️ | - Hazard lights                              |
| 🚗 | - Low fuel indicator                | 🔌  | - Battery charging (for electric cars)       |
| 🚗 | - Brake pedal                       | 🚗  | - Low AdBlue indicator                       |
| 🚗 | - Reverse gear                      | 🔌  | - Glow plug indicator                        |
| ☞ | - Running lights / lights indicator | 🔌  | - Parking heater (factory equipment)         |
| 🚗 | - Battery indicator                 | 🚗  | - Oil level low indicator                    |
| 🚗 | - Oil pressure low indicator        | Ⓜ  | - Brake linings                              |
| 🚗 | - Clutch pedal                      | 🚗  | - Service call                               |
| 🚗 | - Cruise control                    | 🚗  | - Tire malfunction / TPMS                    |
| 🚗 | - Air conditioning (A/C)            | 🚗  | - Passengers seats occupancy status          |

### Special vehicles types marking

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

<sup>1</sup> 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.

<sup>2</sup> 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”.

<sup>3</sup> 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.

<sup>4</sup> 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!