

## 7.2 SAE J1850

Ist/war der Low End Bus in USA. Hat den Sprung nach Europa nie so richtig geschafft. Selbst Ford benutzt zwar in USA den J1850, aber für seine EU-Modelle den ISO9141 SABD Bus.

### Attributes/Features

- Class B In-Vehicle network
- open architecture
- master-less
- single level
- 2 alternatives: 41.6 kBit/s PWM (2 wire) or 10.4 kBit/s VPW (single wire)
- for diagnosis and data sharing purposes
- applications: engine management, transmission, ABS, instrumentation
- asynchronous messages
- CSMA/CR
  - CS: carrier sense (listen before transmitting)
  - MA: multiple access
  - CR: collision resolution