

# ABRITES Vehicle Diagnostic Interface (AVDI)

ABRITES Vehicle Diagnostic Interface in abbreviated AVDI is last generation diagnostic interface for vehicles and trucks produced from our company.

Main features:

Compatible with all diagnostic software produced from our company

1. SAE J2534 compliant driver available for our interfaces
2. Compatible with many 3rd party diagnostic software
3. Supporting external communication link with transponder programmer and IC programmer
4. Compatibility with Toyota/Lexus/Scion Techstream
5. Compatibility with Honda/Acura HDS
6. Compatibility with Volvo VIDA
7. Compatibility with DAS - Star Diagnosis
8. Compatibility with Ford Scanner
9. Compatibility with BMW - DIS over K-line and CAN bus
10. Compatibility with BMW - E-Sys, INPA, EDIABAS, NCS Expert, NFS over K-line and CAN bus
11. Compatibility with Rover/Jaguar IDS
12. Compatibility with Subaru Select Monitor III
13. Compatibility with Bombardier diagnostic software
14. Compatibility with GM - Tech2Win diagnostic software

Separately can be ordered some of our special functions developed from our company (for example key programming abilities, security code extracting and s.o.). Full list of special functions are available here: [Specifications and prices](#).

Currently AVDI is distributed with following diagnostic software:

1. ABRITES Commander for VAG
2. ABRITES Commander for Porsche
3. ABRITES Commander for Mercedes/Smart/Maybach
4. ABRITES Commander for OPEL/VAUXHALL
5. ABRITES Commander for Toyota/Lexus/Scion
6. ABRITES Commander for BMW
7. ABRITES Commander for Renault

8. ABRITES Commander for Nissan
9. ABRITES Commander for Peugeot and Citroen
10. ABRITES Commander for Fiat, Alfa, Lancia
11. ABRITES Commander for Ford
12. ABRITES Commander for Chrysler/Jeep/Dodge
13. ABRITES Commander for DAF
14. ABRITES Commander for Mitsubishi
15. ABRITES Commander for Suzuki
16. J2534 PassThru driver that allows users to use 3rd party diagnostic software

Under development is software for diagnostic of Mazda, Rover, Bikes, MAN, Scania.

Interface is compatible with some of our other tools “on the way” like:

1. ABRITES Locksmith Tool
2. ABRITES Mileage Tool
3. ABRITES Tuning Tool
4. ABRITES SRS Tool

Technical specification:

- K-line ISO 9141 (100 mA) multiplexed to 24 different pins of the diagnostic connector
- ISO14230 compliant
- SAE J1850 VPW,PWM compliant (needed additional adapter)
- Single wire CAN bus multiplexed to different pins of diagnostic connector
- Dual wire low speed CAN bus multiplexed to different pins of diagnostic connector
- Dual wire high speed CAN bus multiplexed to different pins of diagnostic connector
- CAN bus GMLAN, ISO14229, ISO15765, J1939, ISO22901 compliant
- Analog Input
- Bluetooth connection (\* optional)
- USB interface to the PC
- Supply voltage 8..30V DC
- OBDII cable
- Updatable firmware

