

# VAD Pro-901 OBD-II Signal Protocols



Any given vehicle will likely only implement one of the protocols. Often it is possible to make an educated guess about the protocol in use based on which pins are present on the J1962 connector:

- ISO 9141-2. This protocol has a data rate of 10.4 k-baud, and is similar to RS-232. ISO 9141-2 is primarily used in Chrysler, European, and Asian vehicles.
  - pin 7: K-line
  - pin 15: L-line (optional)
  - UART signaling (though not RS-232 voltage levels)
  - K-line idles high
  - High voltage is  $V_{\text{batt}}$
  - Message length is restricted to 12 bytes, including CRC