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jan 26 2004 the european union obd legislation is somewhat more complicated an obd ii compliant vehicle can use any of the five communication protocols j1850 pwm j1850 vpw iso9141 2 iso14230 4 also known as keyword protocol 2000 and more recently iso15765 4 sae j2480 a flavor of can

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the obd ii protocol used by the nissan leaf is iso 15765 4 can 11 bit id 500 kbd car can name is the nissan leaf can charabanc exposed on pinne 6 and 14 of the diagnostic connector communication protocol a system of rules that allow two or more entities of a communications system to transmit information controller reach network

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abs consult ii protocol abs module srs consult ii protocol airbag module ecmd consult ii protocol diesel engine control module obdii obdii protocol engine control module wbo2 innovate motorsports wide band oxygen sensor due to limitations of consult ii protocol only one ecu can be connected at the time it s not

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obd ii standardizes communication for the data link connector shape and pinout trouble codes and communication protocols obd ii allows any generic scan tool to connect and talk to any car this is good news for non specializing technicians

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obd ii protocols there are five different communication protocols available under the obd ii spec like so many things manufacturers tend to have their preferences and think their protocol is best hence the variation here s a quick overview of

each and a description of the pins used on the dlc for each sae j1850 pwm

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