

News: Added [OBDLink MX](#) forum board.

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Author

Topic: OBDLink problems, Please Help (Read 967 times)

Mackavelli

Newbie



Posts: 13



OBDLink problems, Please Help

« on: April 24, 2012, 02:17:24 PM »

hello all, I'm from Barbados and i recently ordered an OBDLink Wifi scantool part number:408101, hardware revision 2.?, mfg date: 12th march 2012. cost me a tonne of money to get it shipped here. i ordered it directly from scantool.net, but when it came the packaging said "thank you for shopping at amazon" so i don't know what is up there.

anyway, my problem is as follows, MY father has a 1998 KIA sportage with a 4cylinder 2.0l engine, i ordered the 20 pin adapter as well. i plugged it into the car and t gave me an error code right away. it told me the knock sensor was bad, and indeed it was. however, none of the other features in my obdwiz software worked. only the diagnostic.

so i decided to try another car, another KIA, a 1998 1600cc KIA sephia 4Cly as well. the MIL was on in this KIA so i expected to get some error codes, however, when i plugged in the scantool, it told me MIL lamp is off and there are no stored error coded, the lights Ont scan tool were flashing.

so i tried another car, a 2000 KIA avella with a 1300cc 4Cly engine. the status light was flashing green when i turned on the ignition, however, when i plugged the tool into the computer, it turned red and the scantool would read the ECU. i tried about 17 times and every time it refused to read the computer.

so i tried another car, a 2001 ford explorer with a v8 4.6l engine. the scan tool worked like a dream and all the features in the obdwiz software worked.

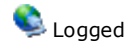
so i tried another car, a 2004 Nissan sunny with a 1600cc 4Cly engine. once again, the status light was flashing green until i plugged into the computer, then it turned red and the scan tool would not read the ECU, trued numerous times and nothing....

so i tried another car, a 2003 Subaru imprezza, with a 1500cc boxer engine. the scantool connected to the ECU but once again, none of the features in the OBDwiz software worked. all it did was connect to the ECU

all of the above attempts i did with BOTH WIFI and the USB cable and i got the same results everytime for each individual vehicle. meaning, it did not matter if i tired wifi or USB, it wither worked or did not work.

so my conclusion, this scantool, though advertised to be able to scan vehicles

form a variety of markets, really and truly only works on American made vehicles, please tell me i am wrong, and also, pleas tell me what i am doing wrong.

**malcom2073**

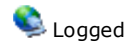
Newbie



Posts: 8

**Re: OBDLink problems, Please Help**« **Reply #1 on:** April 24, 2012, 05:16:22 PM »

Mackavelli, Are all the vehicles you tried OBD2/EOBD compliant vehicles?
See the link here: https://www.scantool.net/support/index.php?_m=knowledgebase&_a=viewarticle&kbarticleid=2&nav=0

**Mackavelli**

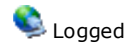
Newbie



Posts: 13

**Re: OBDLink problems, Please Help**« **Reply #2 on:** April 24, 2012, 06:10:07 PM »

ok, just did a google search, everything is OBD-II except the kia avella 😊

**Mackavelli**

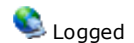
Newbie



Posts: 13

**Re: OBDLink problems, Please Help**« **Reply #3 on:** April 25, 2012, 06:47:18 AM »

so i decided to try the 1998 kia sportage again and this time it worked like it did when i plugged it into the ford. confirming that it is indeed OBD-II. dashboard worked, all the logs worked, and it pulled 3 stored codes and 2 pending codes.

**Mackavelli**

Newbie



Posts: 13

**Re: OBDLink problems, Please Help**« **Reply #4 on:** April 29, 2012, 09:51:43 AM »

i am most frustrated at this point in time and here is why. You people asked for specific information to help determine the root of problems experienced with the OBDLink scan tool, gave you that information. But still, the only weak attempt of assistance i have received is someone asking if the vehicles are OBD-II compliant.

I Attempted to scan a 2009 suzuki swift. All the scan tool did was flash the status light. IT WOULD NOT CONNECT TO THE CAR. now, based on the information i received about determining if the vehicle is indeed OBD-II, this swift IS OBD-II, so can someone please tell me why i cannot connect to the ECU?

I am going to attempt to scan one more vehicle, if that does not work, i am returning the "scantool". As i said previously, i invested a huge amount of money in this tool and i AM NOT SATISFIED!!!



Jason Smith

Engineer
ScanTool.net Staff
Veteran

ScanTool.net

Posts: 1523

OBD SOLUTIONS**Re: OBDLink problems, Please Help**

« Reply #5 on: May 01, 2012, 09:38:23 AM »

I did a little searching for OBD legislation in Barbados. To my understanding, Barbados does not require any On-Board Diagnostics. Earlier this year, the Prime Minister Fruendel Stuart proposed amendments to the Road Traffic Act. I was unable to find the specifics, but these amendments may introduce OBD legislation. In short, the likelihood of a vehicle in Barbados being OBD-II complaint varies greatly depending on where it was imported from and when.

[Vehicle Emissions in Barbados
Amendments to the Road Traffic Act](#)

Regards,
Jason

Logged

obdsol

Don't Steal, the government hates competition.

Mackavelli

Newbie



Posts: 13

**Re: OBDLink problems, Please Help**

« Reply #6 on: May 02, 2012, 01:17:07 PM »

so why is it that when an innova hand held scan tool is plugged into the above mentioned vehicles it pulls error codes without and trouble?

Logged

Jason Smith

Engineer
ScanTool.net Staff
Veteran

ScanTool.net

Posts: 1523

OBD SOLUTIONS**Re: OBDLink problems, Please Help**

« Reply #7 on: May 03, 2012, 09:20:44 AM »

Could you please create a log for each problem vehicle. Go to Diagnostics->Raw Data, verify a green check mark on the "Always Collect" Button. Then go back to the Setup tab and connect. Copy/Paste the data from the Raw Data window in your next post. Be sure to title each log with the vehicle details.

Thanks,
Jason

Logged

obdsol

Don't Steal, the government hates competition.

Mackavelli

Newbie



Posts: 13

**Re: OBDLink problems, Please Help**

« Reply #8 on: May 19, 2012, 08:45:53 AM »

i cannot copy and paste the log for each vehicle because i do not own them and the owners are not always available esp for being guinea pigs.

this is the only log i acquired and it is for my fathers vehicle a 1998 kia

sportage.

file attached

 [RawDataLog_20120518 213116-1998kiasportage.txt](#) (28.52 KB - downloaded 30 times.)

 Logged

Mackavelli

Newbie



Posts: 13

**Re: OBDLink problems, Please Help**

« **Reply #9 on:** May 20, 2012, 01:09:00 PM »

vehicle - 2001 Toyota Runx
OBDLink would not connect
Status light orange OBD Tx light red. not able to establish a connection.

raw data is as follows
Version: 2.12.2.294
Product: OBDwiz

Opening communications: COM6, 115200
Port Open
?: [?
?]
ATZ: [ATZ

ELM327 v1.3a]
Interface connected
ATE0: [ATE0
OK]
ATL0: [OK]
STI: [STN1100 v2.2.2]
ATRV: [12.5V]

Trying Protocol: SAE J1850 PWM (41.6 Kbaud)
ATSP 1: [OK]
01 00: [NO DATA]

Trying Protocol: SAE J1850 VPW (10.4 Kbaud)
ATSP 2: [OK]
01 00: [NO DATA]

Trying Protocol: ISO 9141-2 (5 baud init, 10.4 Kbaud)
ATSP 3: [OK]
01 00: [BUS INIT: ...ERROR]

Trying Protocol: ISO 14230-4 KWP (5 baud init, 10.4 Kbaud)
ATSP 4: [OK]
01 00: [BUS INIT: ...ERROR]

Trying Protocol: ISO 14230-4 KWP (fast init, 10.4 Kbaud)
ATSP 5: [OK]
01 00: [BUS INIT: ERROR]

Trying Protocol: ISO 15765-4 CAN (11 bit ID, 500 Kbaud)

ATSP 6: [OK]
01 00: [CAN ERROR]

Trying Protocol: ISO 15765-4 CAN (29 bit ID, 500 Kbaud)
ATSP 7: [OK]
01 00: [CAN ERROR]

Trying Protocol: ISO 15765-4 CAN (11 bit ID, 250 Kbaud)
ATSP 8: [OK]
01 00: [CAN ERROR]

Trying Protocol: ISO 15765-4 CAN (29 bit ID, 250 Kbaud)
ATSP 9: [OK]
01 00: [CAN ERROR]

Trying Protocol: Automatic
ATSP 0: [OK]
01 00: [SEARCHING...
UNABLE TO CONNECT]
ATRV: [12.5V]
Connected to the scan tool but unable to connect to the vehicle
ATSP 00: [OK]
ATZ: [ELM327 v1.3a]
ATI: [ATI
ELM327 v1.3a]
Opening communications: COM6, 115200
Port Open
?: [?
?]
ATZ: [ATZ

ELM327 v1.3a]
Interface connected
ATE0: [ATE0
OK]
ATL0: [OK]
STI: [STN1100 v2.2.2]
ATRV: [12.5V]

Trying Protocol: SAE J1850 PWM (41.6 Kbaud)
ATSP 1: [OK]
01 00: [NO DATA]

Trying Protocol: SAE J1850 VPW (10.4 Kbaud)
ATSP 2: [OK]
01 00: [NO DATA]

Trying Protocol: ISO 9141-2 (5 baud init, 10.4 Kbaud)
ATSP 3: [OK]
01 00: [BUS INIT: ...ERROR]

Trying Protocol: ISO 14230-4 KWP (5 baud init, 10.4 Kbaud)
ATSP 4: [OK]
01 00: [BUS INIT: ...ERROR]

Trying Protocol: ISO 14230-4 KWP (fast init, 10.4 Kbaud)
ATSP 5: [OK]
01 00: [BUS INIT: ERROR]

Trying Protocol: ISO 15765-4 CAN (11 bit ID, 500 Kbaud)
ATSP 6: [OK]
01 00: [CAN ERROR]

Trying Protocol: ISO 15765-4 CAN (29 bit ID, 500 Kbaud)
ATSP 7: [OK]
01 00: [CAN ERROR]

Trying Protocol: ISO 15765-4 CAN (11 bit ID, 250 Kbaud)
ATSP 8: [OK]
01 00: [CAN ERROR]

Trying Protocol: ISO 15765-4 CAN (29 bit ID, 250 Kbaud)
ATSP 9: [OK]
01 00: [CAN ERROR]

Trying Protocol: Automatic
ATSP 0: [OK]
01 00: [SEARCHING...
UNABLE TO CONNECT]
ATRV: [12.5V]
Connected to the scan tool but unable to connect to the vehicle
ATSP 00: [OK]
ATZ: [ELM327 v1.3a]
Opening communications: COM6, 115200
Port Open
?: [?
?]
ATZ: [ATZ

ELM327 v1.3a]
Interface connected
ATE0: [ATE0
OK]
ATL0: [OK]
STI: [STN1100 v2.2.2]
ATRV: [12.5V]

Trying Protocol: SAE J1850 PWM (41.6 Kbaud)
ATSP 1: [OK]
01 00: [NO DATA]

Trying Protocol: SAE J1850 VPW (10.4 Kbaud)
ATSP 2: [OK]
01 00: [NO DATA]

Trying Protocol: ISO 9141-2 (5 baud init, 10.4 Kbaud)
ATSP 3: [OK]
01 00: [BUS INIT: ...ERROR]

Trying Protocol: ISO 14230-4 KWP (5 baud init, 10.4 Kbaud)
 ATSP 4: [OK]
 01 00: [BUS INIT: ...ERROR]

Trying Protocol: ISO 14230-4 KWP (fast init, 10.4 Kbaud)
 ATSP 5: [OK]
 01 00: [BUS INIT: ERROR]

Trying Protocol: ISO 15765-4 CAN (11 bit ID, 500 Kbaud)
 ATSP 6: [OK]
 01 00: [CAN ERROR]

Trying Protocol: ISO 15765-4 CAN (29 bit ID, 500 Kbaud)
 ATSP 7: [OK]
 01 00: [CAN ERROR]

Trying Protocol: ISO 15765-4 CAN (11 bit ID, 250 Kbaud)
 ATSP 8: [OK]
 01 00: [CAN ERROR]

Trying Protocol: ISO 15765-4 CAN (29 bit ID, 250 Kbaud)
 ATSP 9: [OK]
 01 00: [CAN ERROR]

Trying Protocol: Automatic
 ATSP 0: [OK]
 01 00: [SEARCHING...]
 UNABLE TO CONNECT
 ATRV: [12.5V]
 Connected to the scan tool but unable to connect to the vehicle
 ATSP 00: [OK]
 ATZ: [ELM327 v1.3a]

 Logged

Mackavelli

Newbie



Posts: 13



Re: OBDLink problems, Please Help

« Reply #10 on: May 20, 2012, 01:10:53 PM »

This product is seriously disappointing and an absolute waste of money


 Logged

Jason Smith

Engineer
 ScanTool.net Staff
 Veteran

ScanTool.net

Posts: 1523



Re: OBDLink problems, Please Help

« Reply #11 on: May 21, 2012, 11:58:26 AM »

Hi,

1998 Kia Sportage: The log indicates that the vehicle is not OBD-II compliant. OBDwiz requested 011C, which ask the ECU what standard it complies too; the vehicle reported that it is "Not OBD compliant - Not certified to any OBD requirements" as defined in the J1979 standard.

OBD SOLUTIONS



01 1C: [48 6B 17 41 1C **05** 2C]

[Wiki Page](#) : Search for "Mode 1 PID 1C"

2001 Toyota Runx: OBDwiz tested every protocol and was unable to get a response from the Toyota.

Regards,
Jason



Logged

[obdsol](#)

Don't Steal, the government hates competition.

Mackavelli

Newbie



Posts: 13



Re: OBDLink problems, Please Help

« **Reply #12 on:** May 22, 2012, 03:41:54 AM »

Quote from: Jason Smith on May 21, 2012, 11:58:26 AM

Hi,

1998 Kia Sportage: The log indicates that the vehicle is not OBD-II compliant. OBDwiz requested 011C, which ask the ECU what standard it complies too; the vehicle reported that it is "Not OBD compliant - Not certified to any OBD requirements" as defined in the J1979 standard.

01 1C: [48 6B 17 41 1C **05** 2C]

[Wiki Page](#) : Search for "Mode 1 PID 1C"

2001 Toyota Runx: OBDwiz tested every protocol and was unable to get a response from the Toyota.

Regards,
Jason

you say the kia sportage is not obd compliant so why was that one of the 2 vehciles that it worked with? the first time i plugged the OBDLink tool into the kia, it told me my knock sensor was bad, and indeed it was. the wires were severed. i changed that knock sensor and i drove the vehicle with the scan tool plugged in, and the software running. the scantool was plotting logs, calculating fuel economy, all the gauges in dash board were in sequence with he gauges on the car. Every function in the software was working. so tell me, if the kia is NOT OBD-II, why did an OBD-II scan tool work?

[RawDataLog_20120519 082325-1998kiasportage.txt](#) (67.31 KB - downloaded 17 times.)



Logged

Jason Smith

Engineer
ScanTool.net Staff
Veteran

ScanTool.net

Posts: 1523

OBD SOLUTIONS



Re: OBDLink problems, Please Help

« **Reply #13 on:** May 22, 2012, 12:47:51 PM »

The vehicle itself says that it is not OBD-II compliant. Some vehicles (often ones exported to countries w/o OBD legislation) partially support the OBD-II standards, but not enough to report the vehicle as compliant.



Logged

[obdsol](#)

Don't Steal, the government hates competition.

Mackavelli

Newbie



Posts: 13

**Re: OBDLink problems, Please Help**

« Reply #14 on: May 24, 2012, 07:16:24 AM »

2002 nissan sunny.

OBDLink not connecting
Status light orange, OBD Tx light red

Version: 2.12.2.294
Product: OBDwiz

Opening communications: COM6, 115200
Port Open
?: [?
?]
ATZ: [ATZ

ELM327 v1.3a]
Interface connected
ATE0: [ATE0
OK]
ATL0: [OK]
STI: [STN1100 v3.1.0]
ATRV: [12.4V]

Trying Protocol: SAE J1850 PWM (41.6 Kbaud)
ATSP 1: [OK]
01 00: [NO DATA]

Trying Protocol: SAE J1850 VPW (10.4 Kbaud)
ATSP 2: [OK]
01 00: [NO DATA]

Trying Protocol: ISO 9141-2 (5 baud init, 10.4 Kbaud)
ATSP 3: [OK]
01 00: [BUS INIT: ...ERROR]

Trying Protocol: ISO 14230-4 KWP (5 baud init, 10.4 Kbaud)
ATSP 4: [OK]
01 00: [BUS INIT: ...ERROR]

Trying Protocol: ISO 14230-4 KWP (fast init, 10.4 Kbaud)
ATSP 5: [OK]
01 00: [BUS INIT: ERROR]

Trying Protocol: ISO 15765-4 CAN (11 bit ID, 500 Kbaud)
ATSP 6: [OK]
01 00: [CAN ERROR]

Trying Protocol: ISO 15765-4 CAN (29 bit ID, 500 Kbaud)
ATSP 7: [OK]
01 00: [CAN ERROR]

Trying Protocol: ISO 15765-4 CAN (11 bit ID, 250 Kbaud)
ATSP 8: [OK]
01 00: [CAN ERROR]

Trying Protocol: ISO 15765-4 CAN (29 bit ID, 250 Kbaud)
ATSP 9: [OK]
01 00: [CAN ERROR]

Trying Protocol: Automatic
ATSP 0: [OK]
01 00: [SEARCHING...
UNABLE TO CONNECT]
ATRV: [12.4V]
Connected to the scan tool but unable to connect to the vehicle
Opening communications: COM6, 115200
Port Open
?: [?]
ATZ: [ELM327 v1.3a]
Interface connected
ATE0: [ATE0
OK]
ATL0: [OK]
STI: [STN1100 v3.1.0]
ATRV: [12.4V]

Trying Protocol: SAE J1850 PWM (41.6 Kbaud)
ATSP 1: [OK]
01 00: [NO DATA]

Trying Protocol: SAE J1850 VPW (10.4 Kbaud)
ATSP 2: [OK]
01 00: [NO DATA]

Trying Protocol: ISO 9141-2 (5 baud init, 10.4 Kbaud)
ATSP 3: [OK]
01 00: [BUS INIT: ...ERROR]

Trying Protocol: ISO 14230-4 KWP (5 baud init, 10.4 Kbaud)
ATSP 4: [OK]
01 00: [BUS INIT: ...ERROR]

Trying Protocol: ISO 14230-4 KWP (fast init, 10.4 Kbaud)
ATSP 5: [OK]
01 00: [BUS INIT: ERROR]

Trying Protocol: ISO 15765-4 CAN (11 bit ID, 500 Kbaud)
ATSP 6: [OK]
01 00: [CAN ERROR]

Trying Protocol: ISO 15765-4 CAN (29 bit ID, 500 Kbaud)
ATSP 7: [OK]
01 00: [CAN ERROR]


Trying Protocol: ISO 15765-4 CAN (11 bit ID, 250 Kbaud)

ATSP 8: [OK]
01 00: [CAN ERROR]

Trying Protocol: ISO 15765-4 CAN (29 bit ID, 250 Kbaud)
ATSP 9: [OK]
01 00: [CAN ERROR]

Trying Protocol: Automatic
ATSP 0: [OK]
01 00: [SEARCHING...
UNABLE TO CONNECT]
ATRV: [12.4V]
Connected to the scan tool but unable to connect to the vehicle
ATSP 00: [OK]
ATZ: [ELM327 v1.3a]

 Logged

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