

TECH 32x **OBD** controller can connect with protocols listed below:

ISO 15765-4 CAN (11/500, 29/500, 11/250, 29/250)

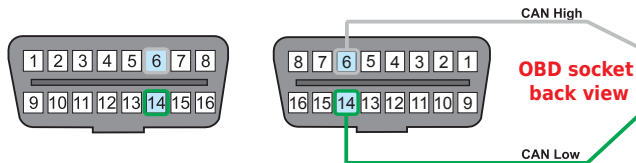
ISO 9141-2

ISO 14230 (slow,fast)

To connect with SAE J1850 VPW and SAE J1850 PWM protocol
SCANNER TECH-OBD has to be used

ISO 15765-4 CAN

(11/500)
(29/500)
(11/250)
(29/250)



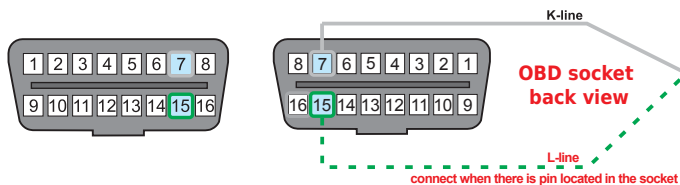
Socket with **CAN ISO 15765** protocol has signal pins in connector **6 and 14**.

Solder **white** wire to wire in connector **no.6**.

Solder **green** wire to wire in connector **no.14**.

ISO 9141-2 ISO 14230

SLOW
FAST



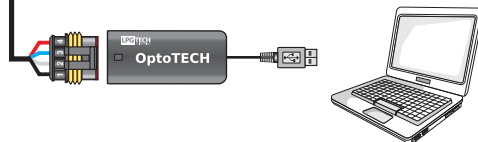
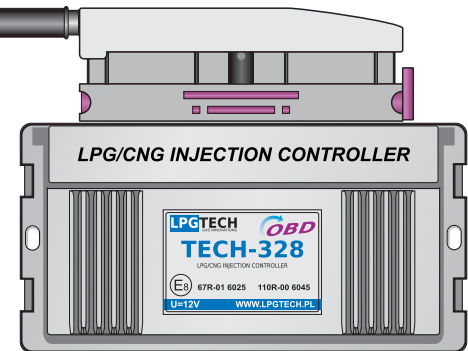
Socket with **ISO 9141** and **ISO 14230** protocol has signal pins located in connector **no.7** and **optionally no.15**.

Wires white and green from lpg controller harness connect to OBD socket.

Solder **white** wire from lpg controller harness to wire in connector **no.7**.

If there is pin no.15 located in the socket then solder **green** wire from lpg controller harness to wire in connector **no.15**.

TECH-32x **OBD** controller - connection with OBD



TECH-32x **OBD** controller technical description



- LPG/CNG injection controller
- Automatic OBD adaptation
- Automatic, intelligent OBD data trouble codes erasing
- Automatic, real time LPG/CNG injection time correction based on petrol ECU parameters readed via OBD bus.
- OBD mapping while driving without PC connection need
- OBD scanner function – OBD parameters, data trouble codes reading and erasing
- Support up to 4/6/8 cylinders – depends on controller version
- Ability to work in MASTER/SLAVE mode for up to 16 cylinder support

- TECH algorithm + automatic correction system (adaptation)
- Configuring software with TECH and STANDARD option
- Self-diagnostic system
- Short-circuit and thermal protection
- Aluminium case

Supported OBD protocols: CAN (11/500; 29/500; 11/250; 29/500), ISO 14230 slow, ISO 14230 fast, ISO 9141(using the same wires for CAN and ISO). In some cars (especially USA cars) SAE J1850 VPW/PWM protocols are used. In this case **SCANNER TECH-OBD** should be used.

!!! WARNING !!!

For cars equipped with LPG controller and OBD module: to switch on/off OBD module, turn on ignition, then press and hold for 6sec. button on switch-over switch

After car conversion to lpg/cng warning stickers should be placed:
1. near the OBD socket
2. in the engine compartment