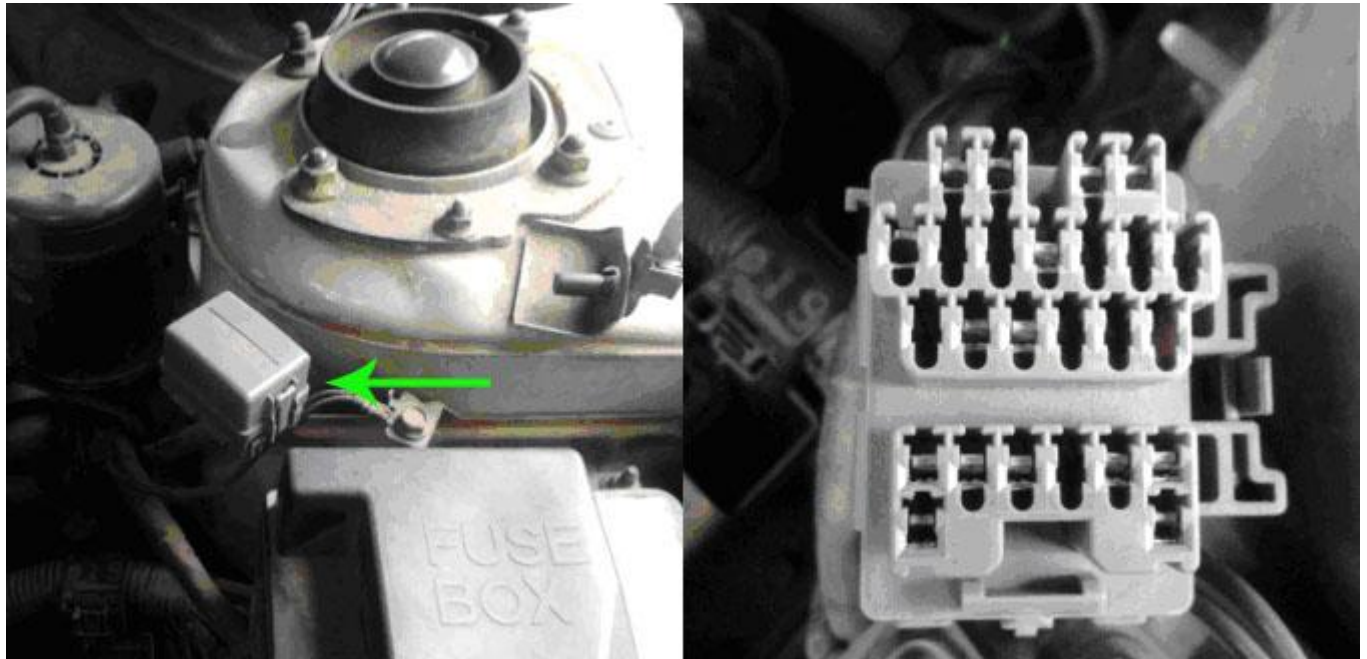


Below you will find a description of how to connect ELM327 to pre-CAN Mazda vehicles equipped with 17-pin DLC connector instead of 16-pin OBD2. The procedure may be not valid for CAN vehicles, as well as for models manufactured for the US market. These vehicles are equipped with the standard OBD2 jack and should be connected with no modifications.

How to:

1. Open the hood and find the 17-pin DLC connector. It is usually located around the left shock absorber's strut and often used by owners for a self-diagnostic with LED. It looks so:



2. Connect to the DLC according to 17-pin Mazda and 16-pin ELM327 connection scheme. The connection depends on the Mazda type:

- Mazda 323 BA, Mazda 323 BJ - KLN/MEN pin. ELM327 side K-Line/ISO9141-2 pin.
- Mazda 626 GE - KLN/MEN pin. ELM327 side K-Line/ISO9141-2 pin.
- Mazda 626 GF before restyling - BUS+ and BUS- pins. ELM327 side - J1850PWM pins.
- Mazda 626 GF after restyling - KLN/MEN pin. ELM327 side K-Line/ISO9141-2 pin.

Connection schemes: (based on the J1850 PWM scheme from www.mazdaclub.ua):



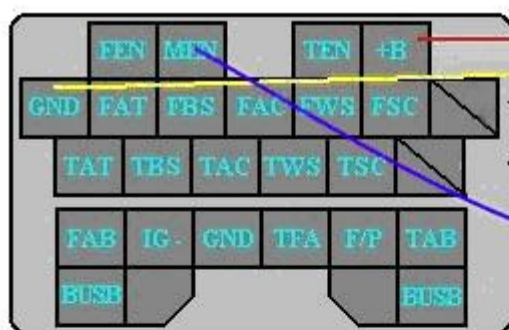
Диагностический разъем OBD II



Обозначение контактов

Pin No.	Описание
1	OEM
2	J1850 Шина+ (Bus + Line, SAE)
3	OEM
4	Заземление кузова
5	Сигнальное заземление
6	Верхний контакт CAN (J-2284)
7	K Line ISO 9141-2
8	OEM
9	OEM
10	Bus - Line, Sae J1850 Шина
11	OEM
12	OEM
13	OEM
14	Нижний контакт CAN (J-2284)
15	L Line ISO 9141-2
16	Напряжение АКБ

Mazda 626 GF 97-99 г.в. (европейко)
Протокол J1850 PWM



Мазда 626 2000 г.в.
FORD ISO

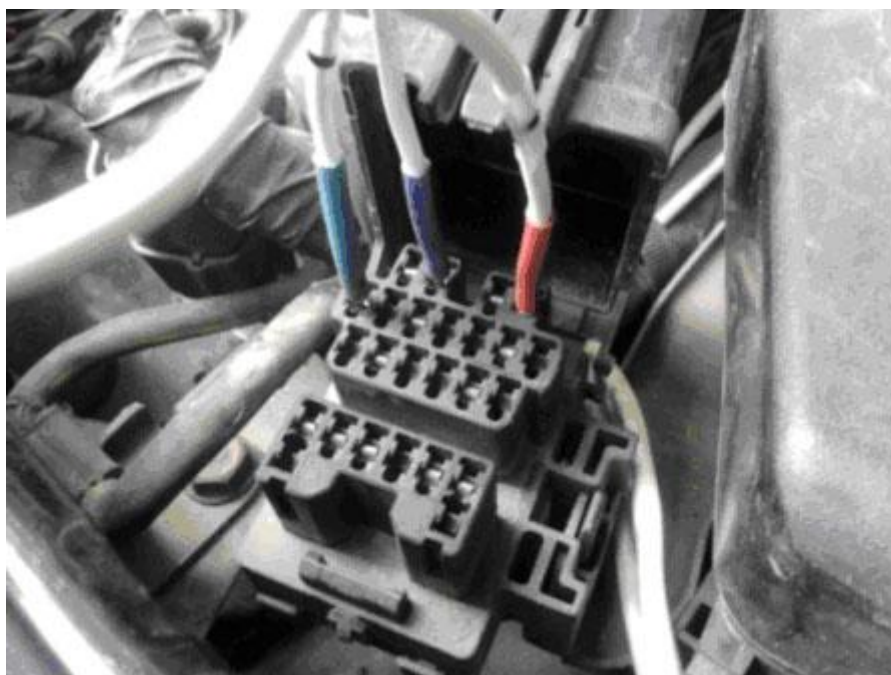
Диагностический разъем OBD II



Обозначение контактов

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14	Нижний контакт CAN (J-2284)
15	L Line ISO 9141-2
16	Напряжение АКБ

This is how the connection to Mazda 626 GE looks like:





3. *Turn the ignition on, run FORScan and enjoy.* Minimal experience with a soldering-iron is enough to install a standard OBD2 jack purchased in a radios shop.

All the tests were performed for the vehicles manufactured for the EU market. Right-hand drives may have differences. Models for the US market are equipped with the standard OBD2 jack starting from 1996.