

Japan ODO Programmer v.2.0

Introduction

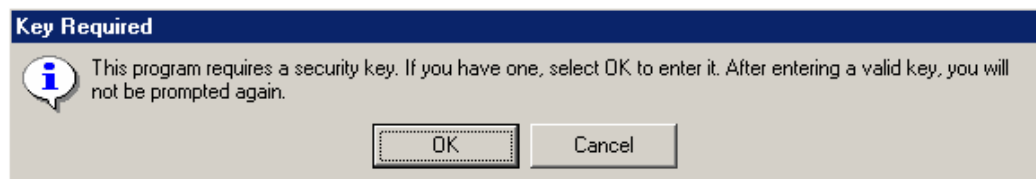
JODO-Prog is a composite software that contains Dash Board millage calibrator and control application for EEPROM-burner 93C(S)xx.

Software supports modern Japan and Korean vehicles with electronic dashboards.

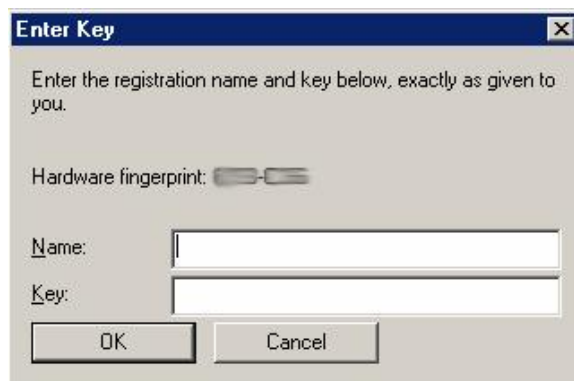
Installation

Run **SETUP.EXE** and follow the on-screen instructions.

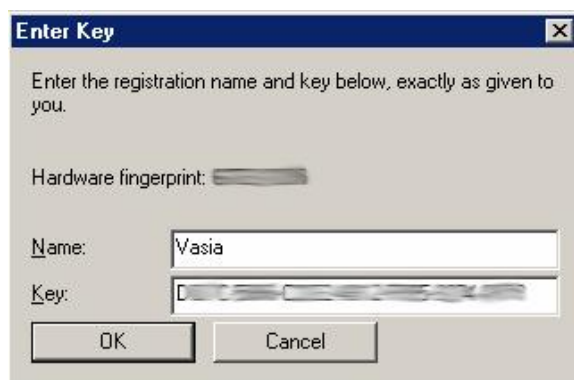
Run **Japan ODO programmer** and get the following message :



Press OK button and get the following screen:



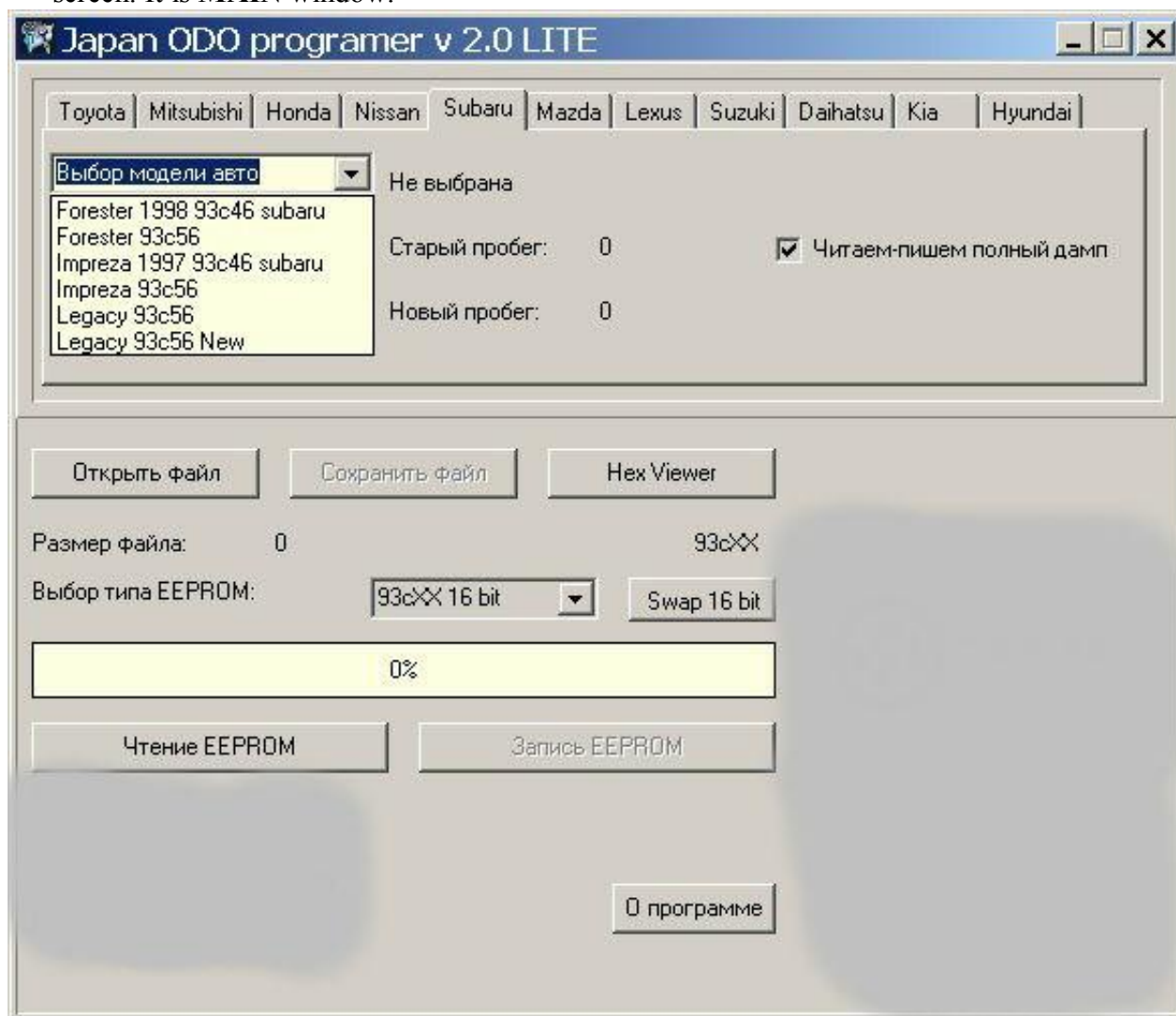
Hardware fingerprint: (like 12A4-5C78) should be sent to the e-mail address:



You will get an Unlocking Code. Input the code, copy it with Clip Board. Do not leave any spaces at the beginning and at the end of the Unlocking Code.

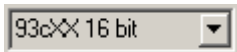
Usage

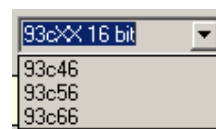
Start the Software (Start -> Programs -> Japan ODO Programmer) and get the following screen. It is **MAIN** window.



You can use the software in **TWO** different ways:

Option 1.

Press the button  and you will get window



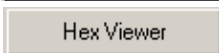
Choose the appropriate type of EEPROM, connect the burner to LPT-port N:1.

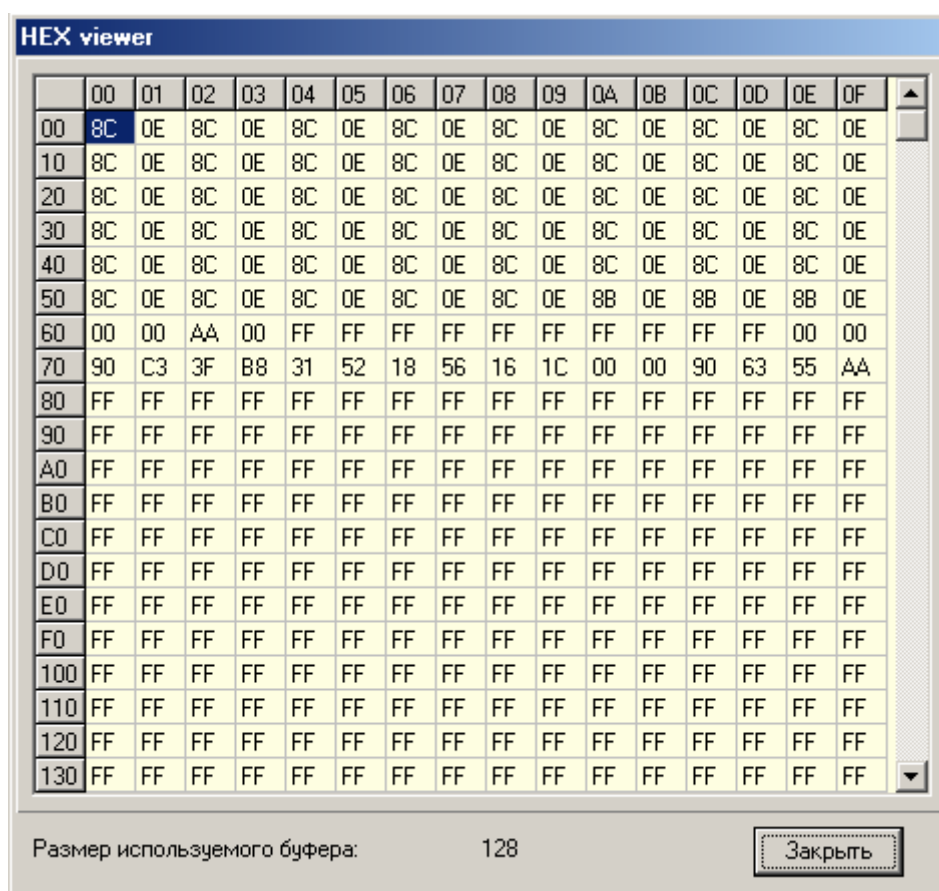
Insert the IC into the burner DIP-8 socket.

VCC is supplied to the EEPROM only during READ and WRITE operations.

EEPROM is out of Power Supply in Stand-By Mode.

Press  button and READ the dump of the EEPROM.

Press  button in order to check the EEPROM inner code with in-built HEX-Viewer and make sure the dump contains real code, not just **FF**; **00** or sporadic trash.



If EEPROM dump consists of **00** only, the probable reasons are:

- EEPROM is out of the Power Supply;
- Burner is faulty.

If EEPROM dump consists of **FF** only, the probable reason is:

- The incorrect choice of the EEPROM.

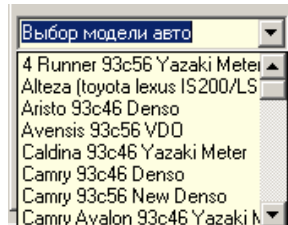
Save the DUMP to the file in order to avoid possible problems with Dash Board.

The burner works with files in ***.BIN** format.

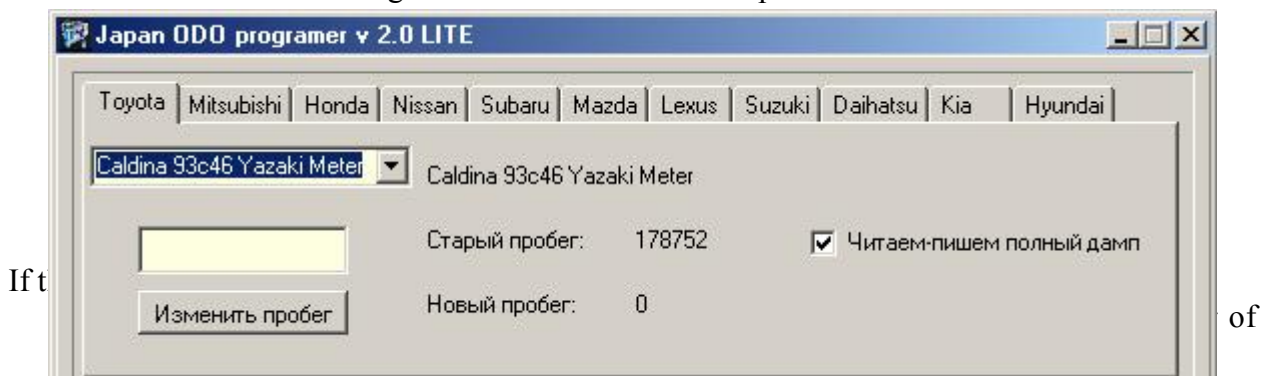
To change the millage of the Dash Board choose the vehicle manufacturer.



Press **Model Choice** and get the list of the vehicles



Software shows the real millage contained in the read dump



- Check the read dump once again or re-read the EEPROM;
- Check your Burner with the known test dump;

**NB! The read millage and real millage can not fully coinside in last two digits.
Ex: If you have real millage 89564 the read millage will be 89500. It is normal.**

If the read software millage coinsides with the real millage of the dump – modify the dump.

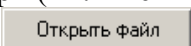
To modify the millage of the Dash Board press  button.

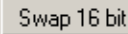
NB! NISSAN vehicles that is of Kansev 56 (like Maxima with 93c56 EEPROM) must have 3F FE or FE 3F at 0x70 and 0x71 position. Otherwise the millage will NOT change

A new millage appears in the NEW MILLAGE column.

To write modified dump into the EEPROM just press  button.

To make sure the modified dump is correct - press  again. and compare the read millage with your desired one. Choose the same model of the vehicle. You must see the modified millage in the OLD MILLAGE column.

To open saved dump (Ex. The Dump of another vehicle or the known dump that you obtain from smb.) - Press  button

NB! Dumps from various Programmers/Burners may differ in LSB (least significant bite) and MSB (most significant bite) position. To solve the problem use ...  ...button

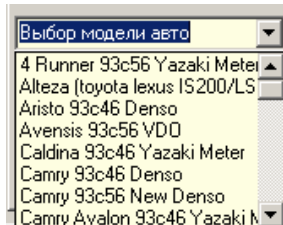
Option 2

Disable the box



NB! You cannot use CHOICE; READ; WRITE EEPROM buttons in this mode

Choose the model of the vehicle



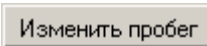
Choose the appropriate type of EEPROM, connect the burner to LPT-port N:1.

Insert the IC into the burner DIP-8 socket.

VCC is supplied to the EEPROM only during READ and WRITE operations.

EEPROM is out of Power Supply in Stand-By Mode.

The sotware reads from EEPROM the MILLAGE-addresses ONLY and shows the millage.

Input the desired millage into the yellow window and press  button.

The JODO software changes the millage and writes it into the EEPROM. The idea of **Option 2** is to change millage-addresses into the EEPROM dump ONLY.

Choose the model that has been chosen previously. The software reads from EEPROM and shows the new millage.

Should you come across any problems while using the software – read the Instructions Manual again.

The cable should not be more than 1,5 m long. Use special screened cable of any printer

To read and write **93Sxx** EEPROMs easily – shorten pins 5 and 7 together (5 + 7); also shorten pins 6 and 8 (6 + 8) of the EEPROM

You may not desolder EEPROM from Dash Board and use INCIRCUIT programming instead.

Software/Burner is checked for Incircuit-programming with a lot of Dash Boards. But this option is considered to be the choice of very experienced users. Do not supply VCC to Dash Board while re-programming the EEPROM.

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