Suzuki

CLIXE Emulator Instruction Manual

IMMO OFF PROGRAM

This product doesn't support vehicles with Opel immobiliser (TMS)

Table of contents

Program introduction

Program usage

Mitsubishi & Hitachi ECUs equipped with following memories:

93LC46 24C04 X24C01 OKI

Example ECUs

Mitsubishi

33920-86G1 33920-82DM 0 33920-82D2 1 33920-80CK 0 33920-80CG 0

33920-79E5 0 33920-71EE 0 33920-71ED 0 33920-70F7 0 33920-70EM 0

33920-70E1 0 33920-65DG 1 33920-65DG 0 33920-51J3 1

Hitachi

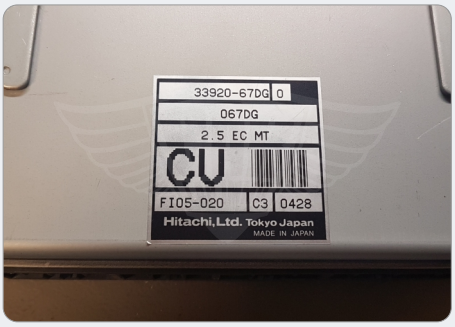
33920-75FG 0 33920-67DG 0

Example cars

Suzuki

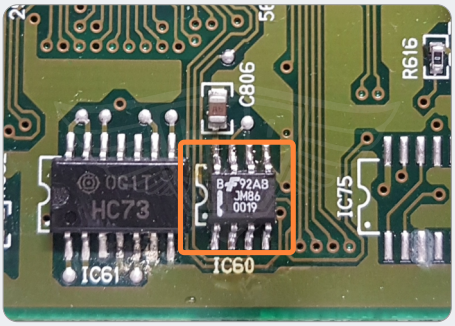
Grand Vitara I Ignis Justy (Subaru) Samurai Vitara Wagon R

ECU with 93LC46 memory
(Hitachi ECUs)



1

Find 93LC46 eeprom memory and unsoldering it.



Attention!

- Depending on the ECU, the memory may have different names, e.g.:
  BF92AB, **B03AF JM86**, **B87AD**.
  You should be read them as 93LC46 memory.

2

Using a programmer, change the following values in memory content:

Adresses: 004, 005, 008, 009, 00C, 00D, 010, 011,
014, 015, 018, 019

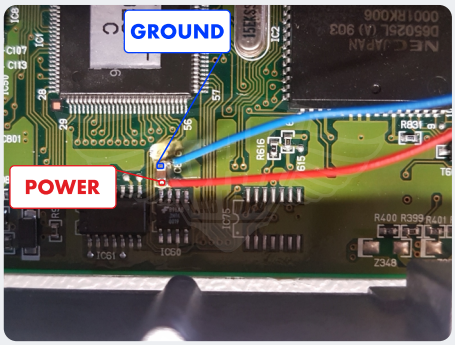
Values: 33

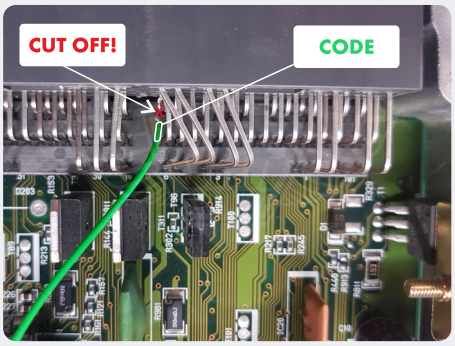
3

Connect Julie Emulator to the ECU according to the diagram on the right.

Disconnect the immo box!

(For alternative connection examples go to last page)



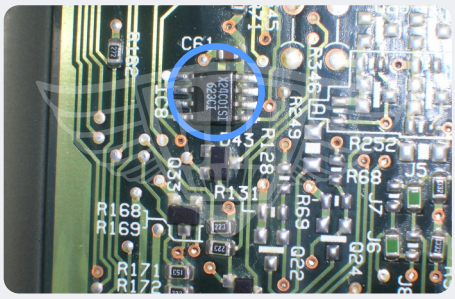


End of the procedure

ECU with X24C01 memory

1

Find X24C01 EEPROM memory
and unsolder it



2

Using the programmer change the following values in memory content:
Adresses: 04 - 0F
Values: 33

3

Disconnect the immo box

4

Connect the emulator to the ECU using
Connection Examples on the page 7

5

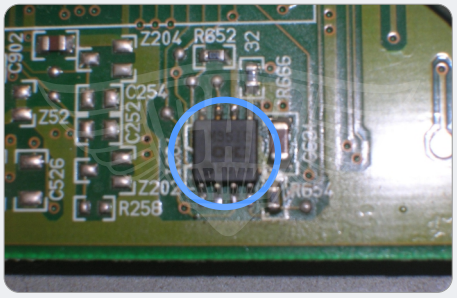
Check the emulator's LED behaviour
If the procedure is succesfuly completed the
blue LED lights constantly and blinks every other second

End of the procedure

ECU with OKI memory read as 93LC56

1

Find OKI EEPROM memory
and unsolder it



2

Using the programmer read the memory as 93LC56

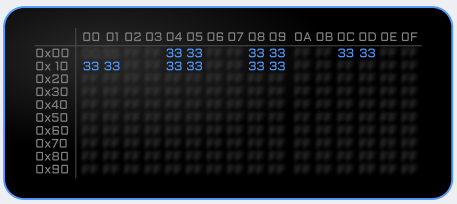
3

Change the following values in memory content:

Adresses:

04 – 05	08 – 09	0C - 0D
10 – 11	14 – 15	18 - 19

Values: 33



4

Save it as 93LC56 memory

5

Disconnect the immo box

6

Connect the emulator to the ECU using
Connection Examples on the page 7

7

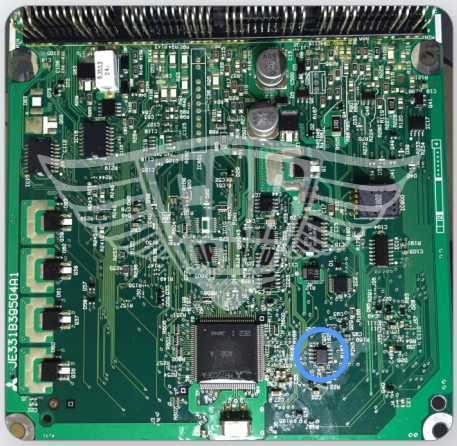
Check the emulator's LED behaviour
If the procedure is succesfuly completed the
blue LED lights constantly and blinks every other second

End of the procedure

ECU with 24C04 memory

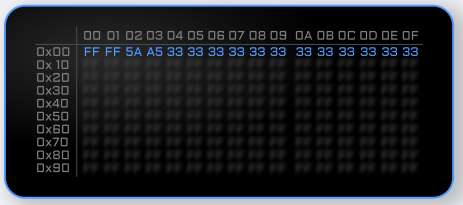
1

Find 24C04 EEPROM memory
and unsolder it



2

Using the programmer change the following values in memory content:
Adresses: 00 - 0F
Values: FF FF 5A A5 33 33 33 33 33 33 33 33 33 33 33 33



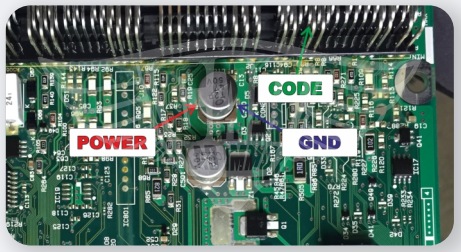
3

Disconnect the immo box

4

Connect the emulator to the ECU according to
the diagram on the right

(For alternative connection examples go to last page)

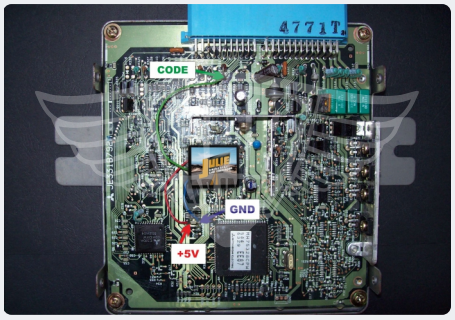


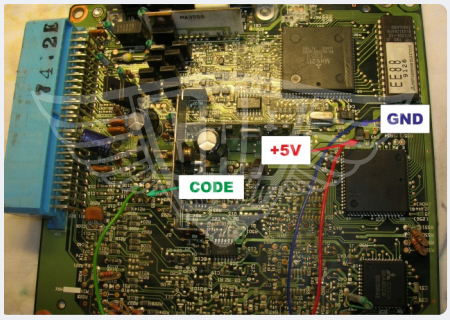
5

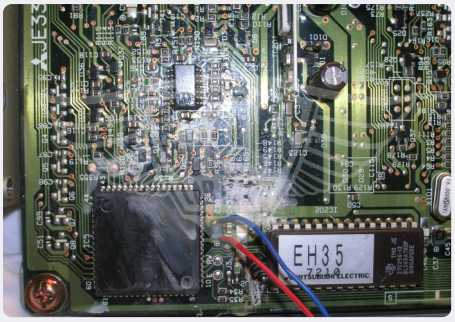
Check the emulator's LED behaviour
If the procedure is succesfuly completed the
blue LED lights constantly and blinks every other second

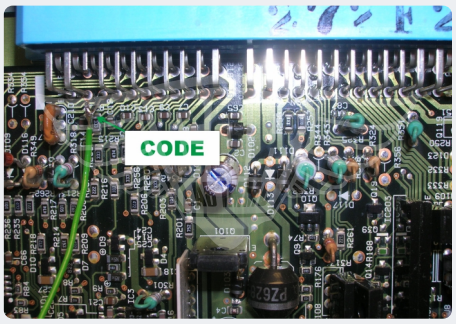
End of the procedure

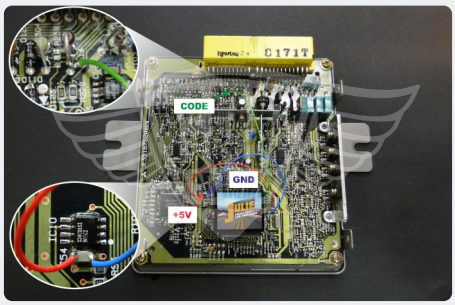
Connection examples

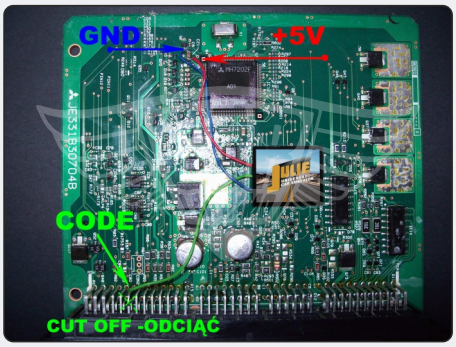


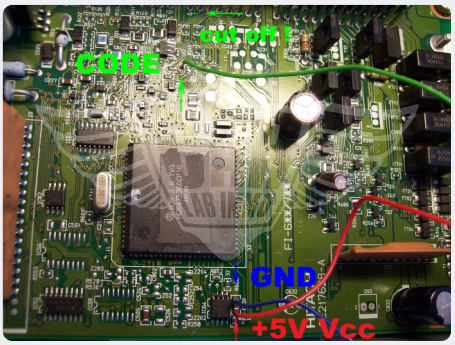


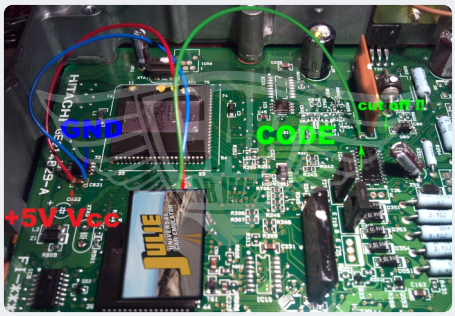


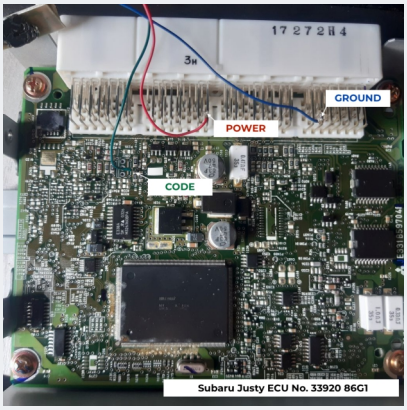












If you haven't found your ECU in the examples above, you can connect the Emulator in place of the immo box