

Suzuki 93C56

CLIXE Emulator instruction manual

IMMO OFF PROGRAM



Table of contents

Page 2	• Program introduction
Page 3	• Denso metal ECU box with 93C56 memory
Page 4	• Denso metal ECU box with 93C56 memory and 29F200 flash
Page 5	• Subaru Justy 1.3 4WD 2000/2001
Page 6	• Denso plastic ECU box with 93C56 memory and 29F200 flash



● Program introduction



Program usage

Denso ECUs in a metal or plastic cover equipped with:

93C56 memory 93C56 memory and 29F200 flash



Example ECUs

Denso

33920-81A2 0/1/2	33920-80GE 1	33920-69E9	33920-69E7 0	33920-80GA 0
33920-81AN 0	33920-59JL 0	33920-70FE 0	33920-80CQ 1	33920-81AL 0
33921-54GA 0	33921-81A4 0			



Example cars

Suzuki

Jimny Ignis Swift

Subaru

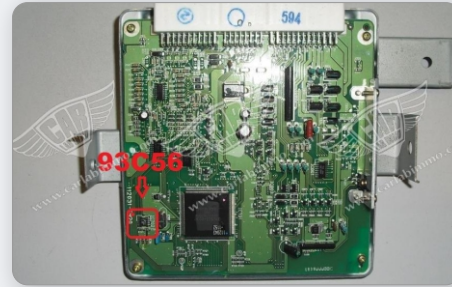
Justy

- **Denso metal ECU box with 93C56 memory**



1

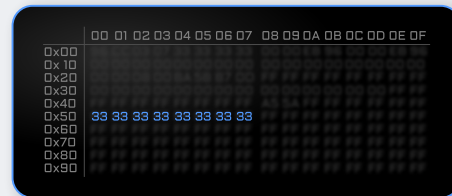
Find **93C56** EEPROM memory and unsolder it



2

Using the programmer, change the following values in memory content:
 Addresses: **04 - 07**
 Values: **33**

Solder the memory back into the ECU.

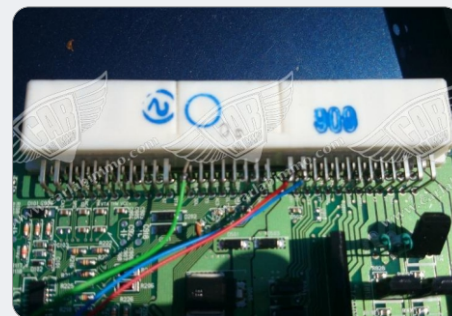


3

Disconnect the immo box

4

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



5

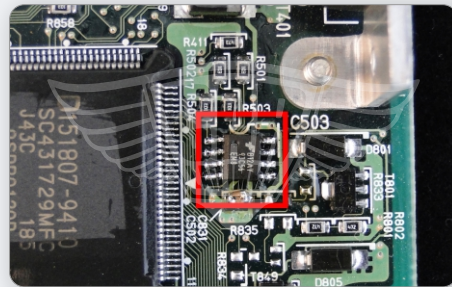
Check the emulator's LED behaviour
 If the procedure is successfully completed the **blue LED lights constantly and blinks once every two seconds!**

- **Denso metal ECU box with 93C56 memory and 29F200 flash**



1

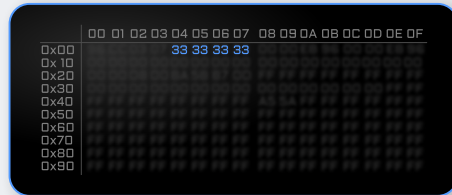
Find **93C56** EEPROM memory and unsolder it



2

Using the programmer, change the following values in memory content:
Addresses: **04 - 07**
Values: **33**

Solder the memory back into the ECU.



3

Disconnect the immo box

4

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



5

Check the emulator's LED behaviour
If the procedure is successfully completed the **blue LED lights constantly and blinks once every two seconds!**

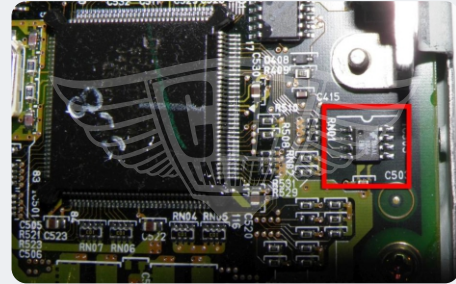
In different ECU types, the immo line can be in different pins. Check the connection between ECU pin and pin 9 of a 16-pin OBD socket with a multimeter.

- **Subaru Justy 1.3
4WD 2000/2001**



1

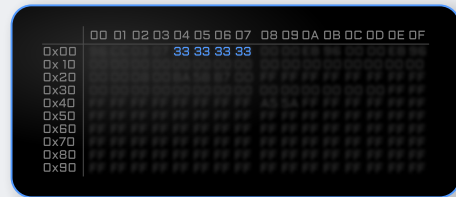
Find **93C56** EEPROM memory and unsolder it



2

Using the programmer, change the following values in memory content:
Addresses: **04 - 07**
Values: **33**

Solder the memory back into the ECU.



3

Disconnect the immo box



4

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



5

Check the emulator's LED behaviour
If the procedure is successfully completed the **blue LED lights constantly and blinks once every two seconds!**

End of the procedure

- **Denso plastic ECU box with 93C56 memory and 29F200 flash**



1

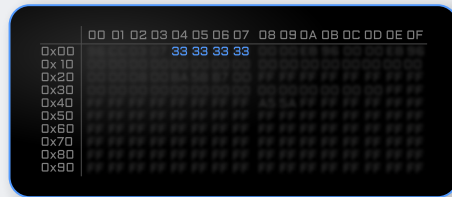
Find **93C56** EEPROM memory and unsolder it



2

Using the programmer, change the following values in memory content:
 Addresses: **04 - 07**
 Values: **33**

Solder the memory back into the ECU.

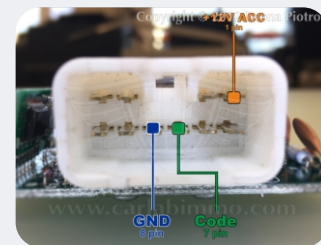
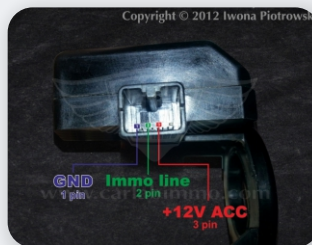


3

Disconnect the immo box

4

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



6

Check the emulator's LED behaviour
 If the procedure is successfully completed the **blue LED lights constantly and blinks once every two seconds!**

End of the procedure