

Suzuki 93C56

CLIXE Emulator instruction manual

IMMO OFF PROGRAM



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● 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

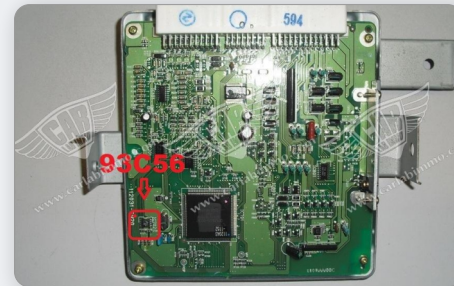
Justy

● Denso metal ECU box with 93C56 memory



1

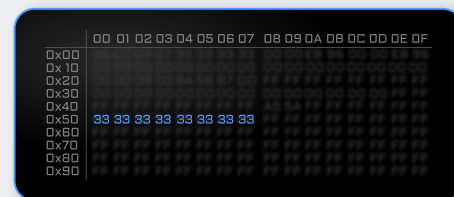
Find **93C56** EEPROM memory and unsolder it



2

Using the programmer, change the following values in memory content:
Addresses: **050 - 057**
Values: **33**

Solder the memory back into the ECU.

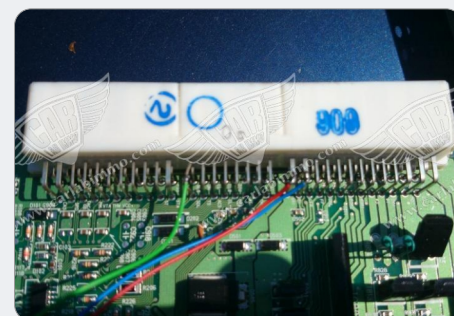


3

Disconnect the immo box

4

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



5

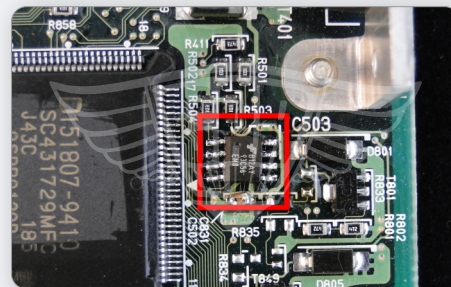
Check the emulator's LED behaviour
If the procedure is successfully completed the
blue LED lights constantly and blinks once every two seconds!

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



1

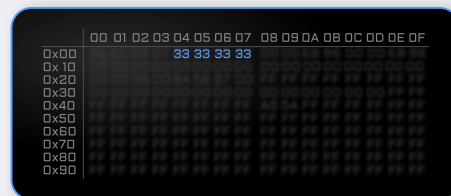
Find **93C56** EEPROM memory and unsolder it



2

Using the programmer, change the following values in memory content:
Addresses: **004 - 007**
Values: **33**

Solder the memory back into the ECU.

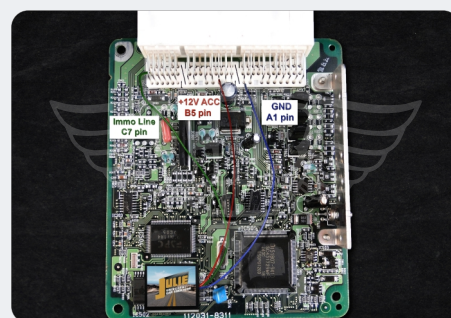


3

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!**

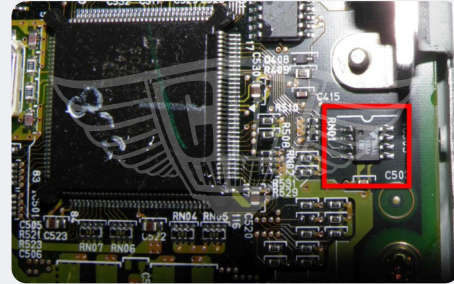
In different ECU types, the immo line can be in different pins. Check the connection between ECU pin and pin 9 of a 16-pin OBD socket with a multimeter.

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: **004 - 007**
Values: **33**

Solder the memory back into the ECU.

	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F
0x00	33	33	33	33												
0x10																
0x20																
0x30																
0x40																
0x50																
0x60																
0x70																
0x80																
0x90																

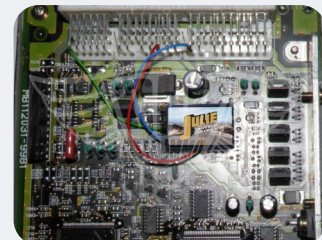
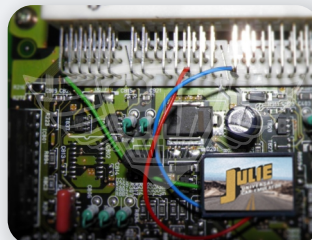
3

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:
Adresses: **004 - 007**
Values: **33**

Solder the memory back into the ECU.

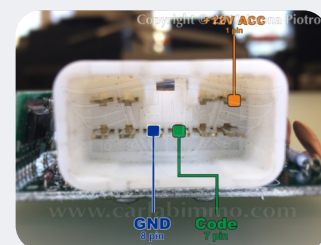
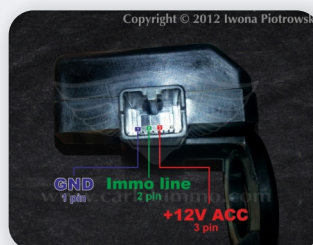
	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F
0x00					33	33	33	33								
0x10																
0x20																
0x30																
0x40																
0x50																
0x60																
0x70																
0x80																
0x90																

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 succesfully completed the
blue LED lights constantly and blinks once every two seconds!

End of the procedure