

# USER MANUAL



EEPROM  
SETUP

Rev 2.0

Date: 10/2015

## EEPROM PROGRAMMING PROCEDURE

EEPROM programming procedure of an exemplary vehicle

e.g. ACURA → 93C46

ACURA	
ALFA ROMEO	
ASTON MARTIN	
AUDI	
BENTLEY	
BMW	
BRILLIANCE	
CHRYSLER	

93C46	
93C56 V1	
93C56 V2	
INTEGRA 93C66	
MDX	
RDX	
RL 93C66	
RSX	

**READ KM**

0%

**RESTORE FROM FILE**      **KM<->Miles**

**SWAP BYTES IN BUFFER**

**SETUP**      Description:      Cable:C12

<b>Restore from file</b>	Restore saved backup file from SDHC card
<b>Swap bytes in buffer</b>	Swap bytes while Read/Write EEPROM (compatibility with other programmers)
<b>KM&lt;-&gt;Miles</b>	Kilometres to Miles conversion
<b>Setup</b>	Advanced settings while Read/Write EEPROM



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## SETUP

During EEPROM programming procedure please select from the MENU -> SETUP

<b>Set voltage level</b>	Setting the EEPROM memory voltage level, range of 2,4-5V	
<b>Set delay time</b>	Setting the delay time before READ/WRITE EEPROM memory, range of 0-25000 ms	
<b>Set pullups</b>	<b>pullups on</b>	Pullup resistors active
	<b>pullups off</b>	Pullup resistors not active
<b>Autobackup</b>	<b>on</b>	Autosave a Backup copy – on
	<b>of</b>	Autosave a Backup copy – off



## ERROR MESSAGES AND SOLUTIONS



### ERROR MESSAGE:

Verify errors No **XX**

Where **XX** is the number of incorrectly written bytes after EEPROM verification (other value may appear)  
e.g. Verify errors No 25

Where **25** is the number of incorrectly written bytes after EEPROM verification

### SOLUTION

Please select different parameters

(available in EEPROM Setup → Set voltage level, Set delay time, Set pullups).



### ERROR MESSAGE:

Overload protection mechanism triggered!

Power supply overload above 500mA.

### SOLUTION

**Disconnect C12,C13,C14,C18 cables or C19 cable from the module that is being programmed and restart the program.**

If error message does not appear after disconnecting C12,C13,C14,C18 or C19 cable it could mean that:

- Cable could have been connected incorrectly
- Short circuit may have occurred on the board of the module
- Programming voltage could have been too high

If error message still appears please run **EXTERNAL INTERFACE TEST**



### ERROR MESSAGE:

Power supply GROUND overload! - Overload protection mechanism triggered!

Power supply GROUND overload

### SOLUTION

Disconnect DP4 from the module that is being programmed

**Check the reason for overload:**

- Module could have been connected incorrectly
- There could have been system load

Wait 1 minute before reconnecting module

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## ERROR MESSAGES AND SOLUTIONS



### ERROR MESSAGE:

Automatic fuse restoration in progress. Restoration may take up to a few minutes.

Automatic fuse restoration is in progress.

### SOLUTION

DP4 restoration may take 1 minute.

You must:

- Disconnect DP4 from the module that is being programmed
- Check the reason for overload,
- Try again.

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