

<b>1.</b>		<b>1</b>
<b>2.</b>		<b>2</b>
<b>2.1</b>	<b>(OBD) II</b>	<b>2</b>
<b>2.2</b>		<b>(DTC)</b> <b>2</b>
<b>2.3</b>		<b>(DLC)</b> <b>3</b>
<b>2.4</b>		<b>OBD II</b> <b>4</b>
<b>2.5</b>	<b>OBD II</b>	<b>5</b>
<b>2.6</b>	<b>OBD II</b>	<b>6</b>
<b>2.7</b>	<b>OBD II</b>	<b>7</b>
<b>3.</b>		<b>10</b>
<b>3.1</b>		10
<b>3.2</b>		12
<b>3.3</b>		12
<b>3.4</b>		13
<b>3.5</b>		13
<b>3.6</b>		13
<b>3.7</b>	<b>DTC</b>	<b>16</b>
<b>3.8</b>		17
<b>3.9</b>		27
<b>3.10</b>		28
<b>4.</b>		<b>29</b>
<b>5.</b>	<b>OBDII</b>	<b>30</b>
<b>5.1</b>		32
<b>5.2</b>		35
<b>5.3</b>		37
<b>5.4</b>		48
<b>5.5</b>		49
<b>5.6</b>		55

<b>5.7</b>	57
<b>5.8</b>	60
<b>5.9</b>	62
<b>5.10</b>	63
<b>6.</b>	<b>64</b>
<b>6.1</b>	64
<b>6.2</b>	65
<b>6.3</b>	67
<b>7.</b>	<b>68</b>
<b>7.1</b> UTO	69
<b>7.2</b>	69
<b>7.3</b>	70
<b>7.4</b>	70
<b>7.5</b>	71
<b>7.6</b>	72
<b>7.7</b>	72
<b>8.</b>	<b>74</b>
<b>8.1</b>	74
<b>8.2</b>	78
<b>9.</b>	<b>83</b>
<b>10.</b>	<b>87</b>
<b>11.</b>	<b>89</b>
<b>11.1</b>	89
<b>11.2</b>	89

1.

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ANSI.

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•

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•

•

,

•

(        )

(        )

,

•

•

•

,

,

1

**2.**

**2.1**

**(OBD) II**

(OBD I)

(ARB)

1988

OBD II

«OBD II».

(MIL)

OBD II

«

» (Check Engine)

» (Service Engine Soon).

- 1)  
2)  
3)

(MIL);  
(DTC);

**2.2**

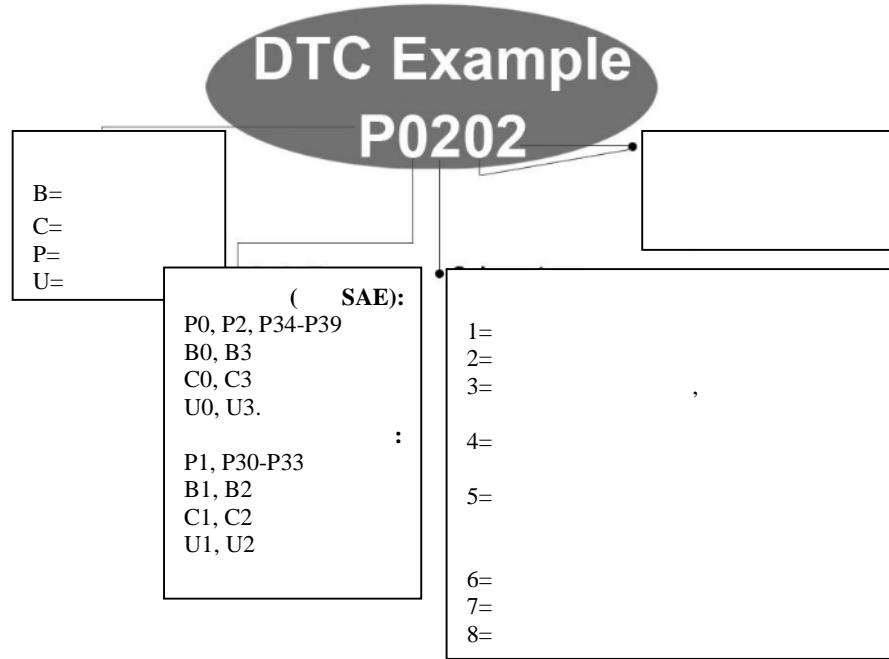
**(DTC)**

OBD II - ,

II

OBD

( )  
( )

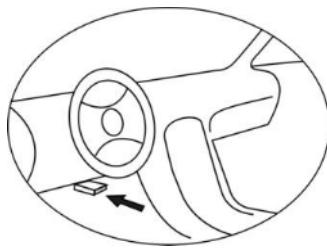


**2.3**

**DLC**

DLC ( ) -  
16-

( )  
12



2.4

## OBD II

OBD II

OBD II.

OBD II (I/M),  
(EPA).

OBD II

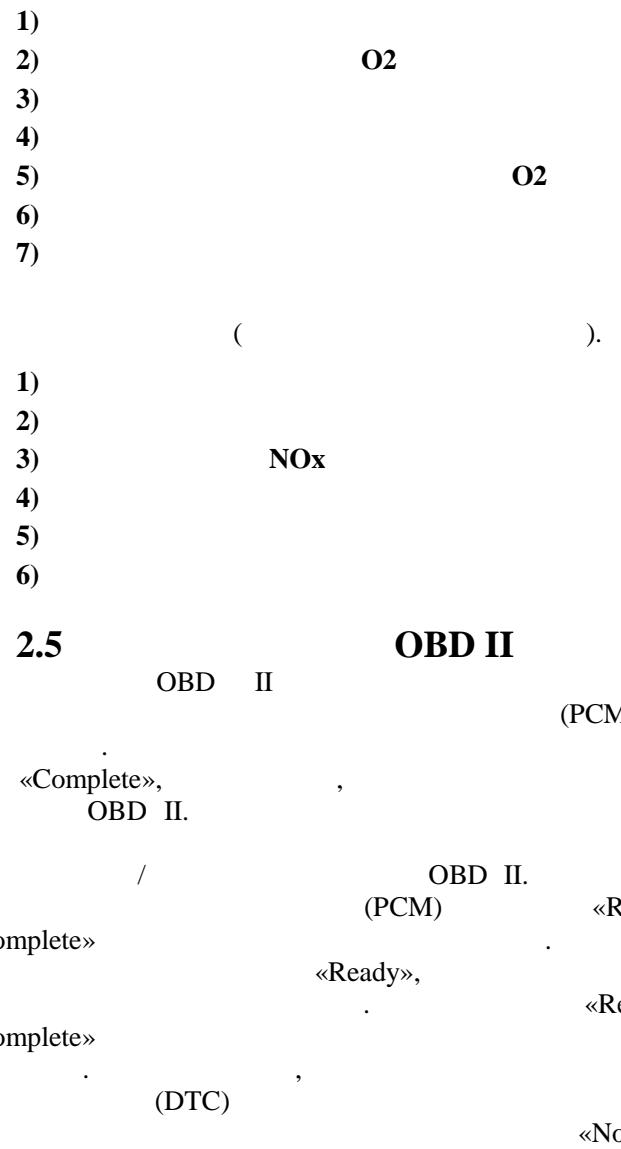
1)

2)

3)

(CCM)

OBD II



,  
«Ready».

Complete» «Not Ready».  
OBD ,  
,

OBD

## **2.6 OBD II**

**Power-train Control Module (PCM) –**

**Malfunction Indicator Light (MIL) –**

(«  
»), «  
»)

/

MIL

MIL

**DTC –** (DTC),

**Enabling Criteria –**

**OBD II Drive Cycle –**

«Ready».  
OBD II –

PCM  
( ).

DTC

« »

**Freeze Frame Data –**

OBD II

**2.7**

**OBD II**

OBD II.

**Mode byte:**

10

64.

, 1 = 1,  
= 65.

**Mode \$01 –**

DTC,

**Mode \$02 –**

1,

DTC.

**Mode \$03 -**

**DTC,**

**Mode \$04 -**

**Mode \$05 -**

1. \$01 O2 ( ).
2. \$01 O2 ( ).
3. \$03
4. \$04
5. \$05 ( ).
6. \$06 ( ).
7. \$07
8. \$07
9. \$09

**Mode \$06 -**

**Mode \$07 -**

**DTC ( )**

**Mode \$08 -**

(                  ).

**Mode \$09 -**

**Mode \$0A -**

MIL

### 3.

#### 3.1



1) **OBD II CONNECTOR** –  
DLC.

2) **LCD DISPLAY** –  
3) **(✓) GREEN LED** –  
(

).

4)  **YELLOW LED -**

/

5)  **RED LED -**

MIL

6)  **One-Click I/M Readiness Key -**

7)  **ESC BUTTON -** ( )

8)  **LEFT SCROLL BUTTON -**

9)  **POWER BUTTON -** 2

10)  **UP SCROLL BUTTON -**

11)  **OK BUTTON -** ( )

12)  **RIGHT SCROLL BUTTON -**

13)  DOWN SCROLL BUTTON -

14) V TERMINAL - /

15) COM TERMINAL -

16) mA TERMINAL -  
(0-200 ).

17) A TERMINAL -  
(0-20A).

18) USB CONNECTOR - ,

19) EXTERNAL DC POWER PORT -  
5

20) STAND - .

### 3.2

- 1) : TFT (320 x 240 dpi)
- 2) : 0 60° (32 140 F°)
- 3) : -20 70° (-4 158 F°)
- 4)

	175	(6,91")	96,6	(3,80")	37	(1,46")
4)	: 0,3	(		)	0,68	(

### 3.3

- 1) -
- 2) **CD-** - MaxiLink
- 3) **OBD2** -
- 4) **USB** -
- 5) - 3,7 -
- 6) - **AutoLink® AL539**
- 7) -
- 8) - **AutoLink® AL539**
- 9) -

### 3.4

- 1) «\$» -

- 2) «G» -

### 3.5

### **3.6**

- 
- 
- /

- -
- USB
- 

1) OBD II

2)

•

*OBD2.*

3) OBD II

15

USB



14

◆ ,  
USB. ( . , ),  
USB, -  
USB .  
,

◆ ,  
USB. ( . , ).  
◆ ,  
2,5 .  
,

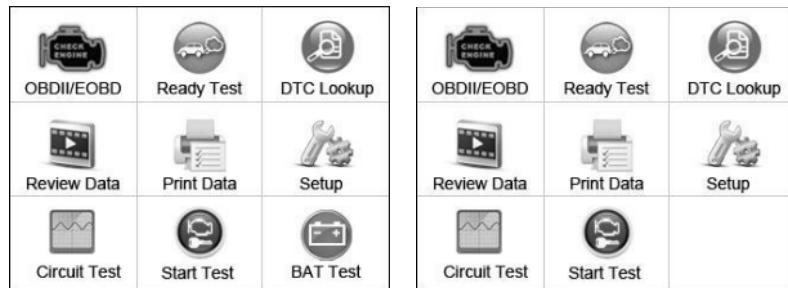
(  
).

### 3.7

### DTC

(DTC Lookup)

1) Main Screen ( . . 3.1)  
UP/DOWN LEFT/RIGHT  
DTC Lookup OK.



AL539 B . 3.1 AL539  
2) DTC Lookup LEFT/RIGHT  
UP/DOWN, OK  
( . . 3.2).

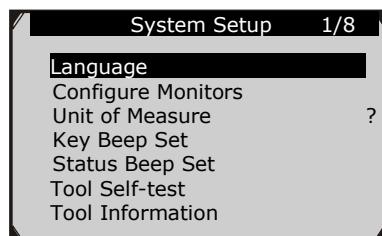


. 3.2  
3) LEFT/RIGHT UP/DOWN /

- ,
  - (SAE ),  
«Please refer to vehicle service manual!» ( . !)
  - “?”.
- ; , ,
- 4) **LEFT/RIGHT.**
- 5) ESC ,
- 6) ESC. Main Screen
- 3.8**

- 1) **Language:**
- 2) **Configure Monitors:** ,
- 3) **Unit of measure:** ( ).
- 4) **Key Beep Set:** /
- 5) **Status Beep Set:** /
- 6) **Tool Self-test:** ,
- 7) **Tool Information:**
- 8) **Update Mode:**

Main Screen  
UP/DOWN                                    LEFT/RIGHT,  
Setup,                                        OK.  
( . 3.3).

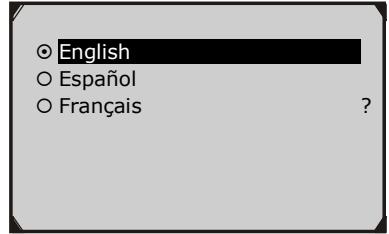


. 3.3

---

•  
1)                            System Setup                            OK.  
2)    UP/DOWN    UP/DOWN,  
    OK

( . 3.4): ,

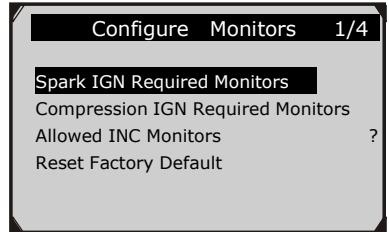


. 3.4

---

**System Setup**

**UP/DOWN,**                           **Configure Monitors,**  
**OK ( . 3.5).**



. 3.5

,

1)  
**Configure Monitors**  
**UP/DOWN,**                           **Spark IGN Required**  
**Monitors,**                           **OK.**

Устройства контроля искрового зажигания			
✓	MIS	✓	EVAP
✓	FUEL	✓	AIR
✓	CCM	✓	O2S
✓	CAT	✓	HTR
✓	HCAT	✓	EGR

2)

Configure Monitors  
 UP/DOWN      Compression IGN Required Monitors,  
 OK.

Системы контроля воспламенения от сжатия			
✓	MIS	✓	BP
✓	FUEL	✓	EGS
✓	CCM	✓	PM
✓	HCCAT	✓	EGR
✓	NCAT		

3)

Configure Monitors  
 UP/DOWN,      Allowed INC Monitors,  
 OK.

: 0, 1, 2, 3      «not complete»

(                )

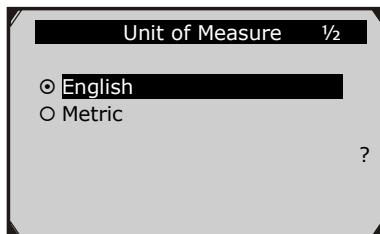
4)

**Configure Monitors**  
**UP/DOWN,**                           **Reset Factory Default,**  
   **OK.**

**Configure Monitors,**  
«**Spark IGN Required**  
**Monitors»** «**Compression IGN Required Monitors»**  
  «**Allowed INC**  
**Monitors»**                            1.  
  ,  
  , «**No**»,

---

- 
- 
- 
- 1)       **System Setup**  
        **UP/DOWN**                   **Unit of Measure,**                   **OK.**
- 2)       **Unit of Measure**  
        **UP/DOWN**                    (                                    )
- 3.6):     **(English)**  
   **(Metric).**

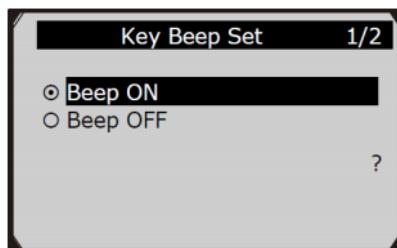


- 3.6
- 3)       **OK**

---

/

- 
- 1)           **System Setup**  
**UP/DOWN**           **Key Beep Set,**                      **OK.**
- 2)           **Key Beep Set**  
**UP/DOWN**           **Beep ON**           **Beep OFF,**  
                      /

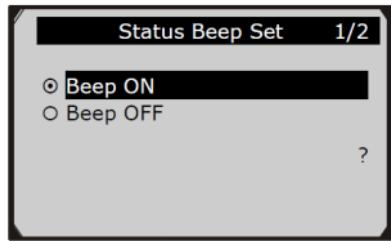


Beep ON – , Beep OFF –  
. 3.7

3)           **OK**

---

- 
- /
- ,
- ,
- 1)           **System Setup**  
**UP/DOWN**           **Status Beep Set,**  
**OK.**
- 2)           **Status Beep Set**  
**UP/DOWN**           **Beep ON**           **Beep OFF,**  
                      /    ( . 3.8).



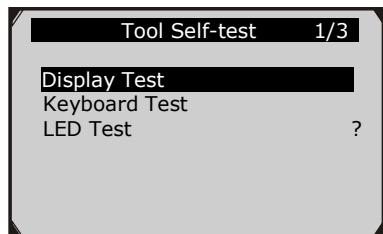
. 3.8

- 3) **OK**
- 

A.

**Display Test**

- 1)      **System Setup**                  **Tool Self-test,**  
UP/DOWN  
OK.  
2)      **Display Test**                  **Tool Self-test**  
**OK**                                        ( . 3.9).



. 3.9

- 3)
-

4)

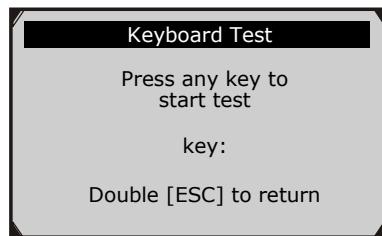
**ESC,**

**B.**

**Keyboard Test**

- 1)                   **Keyboard Test**                   **UP/DOWN,**  
                         **OK.**                           **Tool Self-test,**

- 2)                   ,                           ,                   (  
                         3.10).



. 3.10

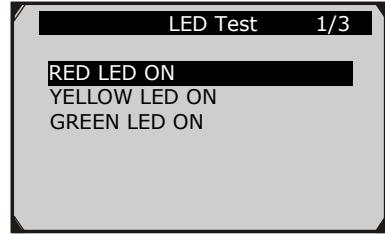
**ESC,**

**C.**

**LED Test**

- 1)                   **LED Test**                   **UP/DOWN,**  
                         **OK.**                           **Tool Self-test,**
- 2)                   **LED Test**  
                         **UP/DOWN,**

( . 3.11).



. 3.11

ESC,

---

### Tool Information

- , , ,
- 1)      **System Setup**  
        **UP/DOWN**              **Tool Information,**  
        **OK;**                      **Tool Information.**  
2)                              (. . 3.12).



. 3.12

•

AutoLink® AL539

- USB;
- USB.
- 1) [auteltech.com](http://auteltech.com), www.
- 2) MaxiLinkII ToolKit ( .  
3.13).
- 3) USB.
- 4) **System Setup**  
**UP/DOWN**      **Update Mode,**  
**OK.**
- 5)
- 6) **Update** ( .  
3.13).  
MaxiLink ToolKit,



. 3.13

- 7)  
«Update Program. Please wait...» ( . , ... ).
- 8)  
«Program Update has been done!» ( !).
- 9)

,  
*LEFT*

### 3.9

AutoLink® AL539 OBDII/EOBD

OBD II,  
CAN. EPA ,  
, 1996 ( ,  
, OBD II, ,

1994 - 1995 . OBD II.  
1994 1995 .  
OBD II (VECI),

OBD II,  
«OBDII Certified». ,

OBD II, , 16-  
OBD II, DLC. ,  
16-

,  
OBD II.

### **3.10**

, ( ).

✓ ,  
✓ ,

✓ , OBDII.  
✓ 10

✓

,  
✓  
✓ 10

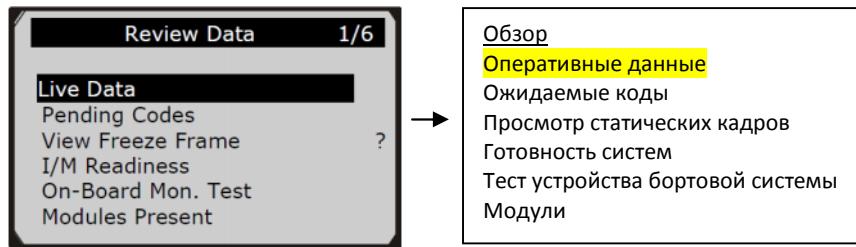
,  
✓ ,  
✓ ,

✓ ,  
8

- ,
  - KOER ( ).
  - LED Test      System Setup ( . 3.8 ).
- ,  
Autel Tech  
Support

#### 4.

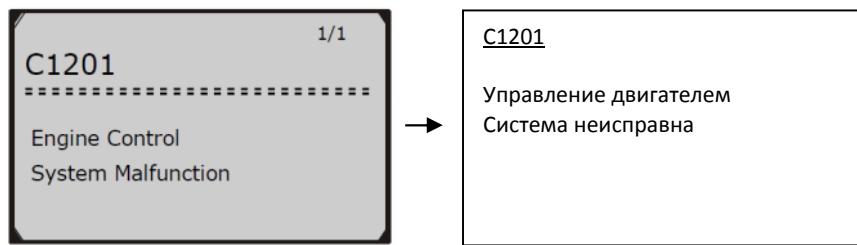
- ,
- 1) LEFT/RIGHT, UP/DOWN  
Main Screen, Review Data
  - 2) UP/DOWN,  
Review Data,  
**OK** ( . 4.1).



. 4.1

- «**No data available!**»
- ( !).

3)  
4.2).



4.2

«*Not Supported or Stored No Data!*» ( ).

## 5. OBDII

[PCM] [TCM].

- 1)
- 2) 16-  
(DLC).
- 3)
- 4)
- 5) **UP/DOWN,**                   **OBDII/EOBD Main Screen**  
( . 3.1).
- 6)                   **OK,**  
OBDII

- ) ( «LINKING
- ✓ , !).  
✓ , OBD II
- ✓ , OBD II.  
✓ 10
- , 5.
- «LINKING ERROR» ,

7) ( . 5.1).

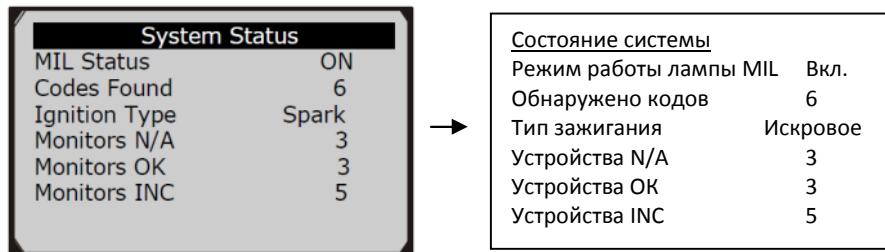


. 5.1

- ,
- 8) , , ESC
- OK; LEFT/RIGHT,  
OK NO,
- 9) ( MIL,

DTC,  
( . 5.2).

)  
**Diagnostic Menu** ( . 5.4).

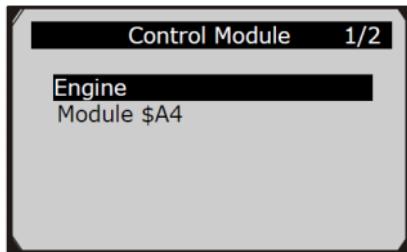


The diagram shows a transition from the Diagnostic Menu to the System Status screen. An arrow points from the right side of the Diagnostic Menu box to the left side of the System Status box.

System Status	
MIL Status	ON
Codes Found	6
Ignition Type	Spark
Monitors N/A	3
Monitors OK	3
Monitors INC	5

Состояние системы	
Режим работы лампы MIL	Вкл.
Обнаружено кодов	6
Тип зажигания	Искровое
Устройства N/A	3
Устройства OK	3
Устройства INC	5

. 5.2



. 5.3

• UP/DOWN,  
OK.

## 5.1

- ◆ (KOEO) (KOER).
- ◆ “ ” ,

◆ «*maturing codes*»

».

«

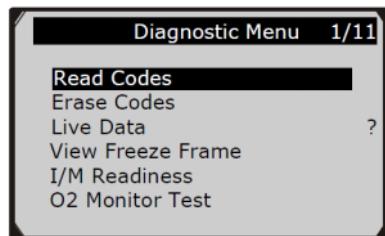
,  
*MIL.*

,  
*MIL.*

1)

Read Codes  
OK.

UP/DOWN,  
Diagnostic Menu



Меню диагностики  
Получить коды  
Удалить коды  
Оперативные данные  
Просмотр статических кадров  
Готовность систем  
Тест устройства контроля О2

. 5.4

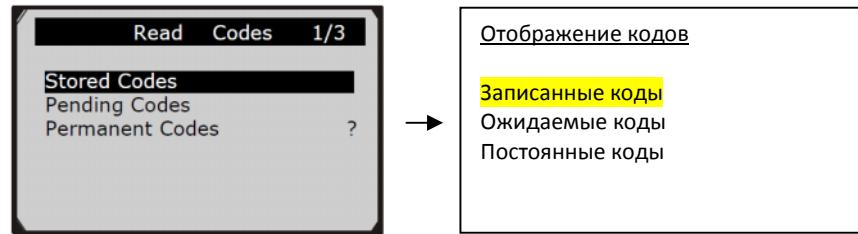
2)

Read Codes

Stored Codes

UP/DOWN,  
Pending Codes

OK.



Отображение кодов

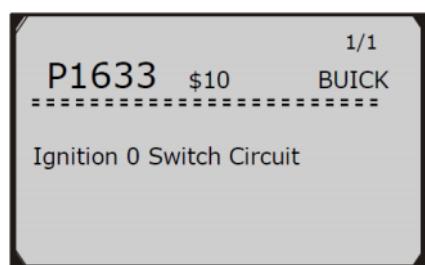
Записанные коды  
Ожидаемые коды  
Постоянные коды

. 5.5

- «No (pending) codes are stored in the module!» ( !).

,  
CAN.

3)



. 5.6

4)

**LEFT/RIGHT**

•  
«Manufacturer specific codes are found! Press any key to  
select vehicle make» (

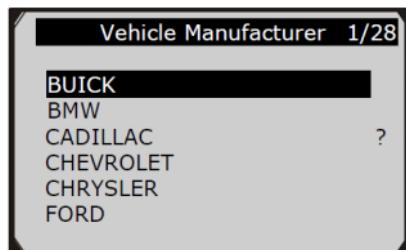
!, , , , ,

),

,

UP/DOWN,

OK



. 5.7

•  
UP/DOWN

Other ( )

OK.

## 5.2

, “ ” ,

«Not Ready» ( ) «Not Complete» ( ).

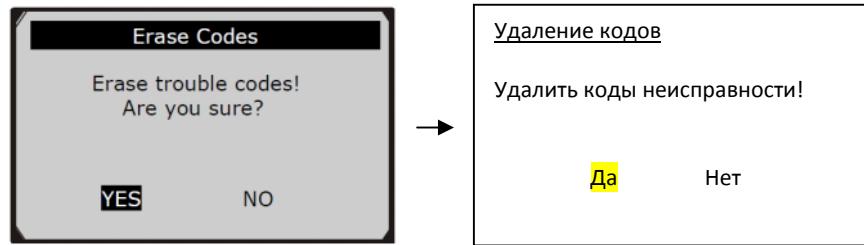
♦ (KOEQ).

1)

Erase Codes  
OK ( . 5.4).

2)

UP/DOWN,  
Diagnostics Menu



. 5.8

•

,  
LEFT/RIGHT,

ESC  
NO

«Command Cancelled!» ( . !).

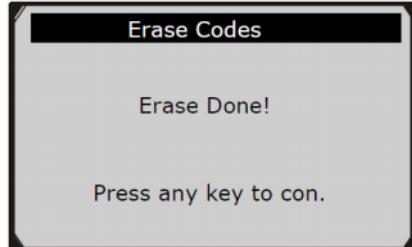
Diagnostic Menu.

3)

OK

•

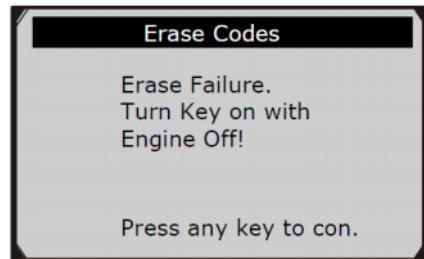
«Erase Done!» ( . !).



. 5.9

•

,  
«Erase Failure. Turn Key on with Engine off!» ( . !).

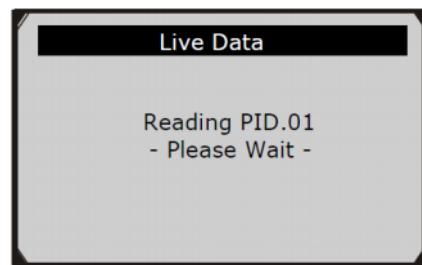


. 5.10

- 4) **Diagnostic Menu.**

## 5.3

- 1) **Live Data** **UP/DOWN,**  
**OK ( . 5.4).**
- 2) **MAP ( . 5.11).** **PID**



. 5.11

- 3) **View Data** **UP/DOWN,**  
**Live Data,**  
**OK.**



Оперативные данные

**Просмотр данных**

Запись данных

Воспроизведение данных

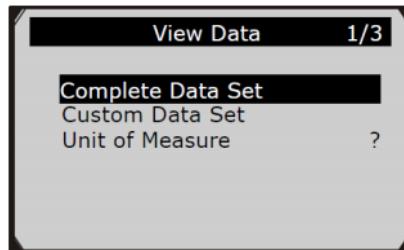
. 5.12

1)

Data Set

UP/DOWN,  
View Data

Complete  
OK.



. 5.13

2)

UP/DOWN

Live Data 6	
DTC_CNT	0
FUELSYS1	0L
FUELSYS2	-- ?
LOAD_PCT (%)	0.0
ETC(°C)	-40
SHRTFT1 (%)	99.2

. 5.14

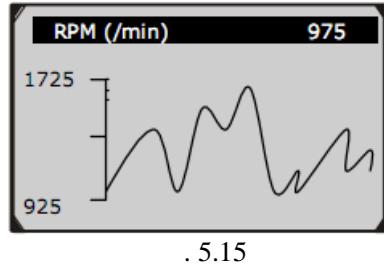
•

«X»

•

«G»

OK,

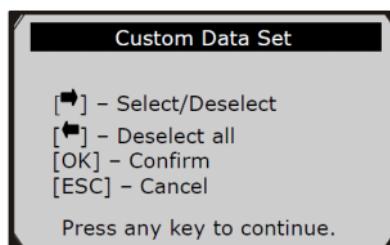


3) **ESC,**

1)

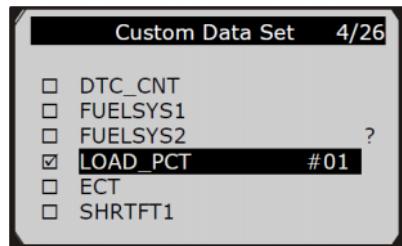
**UP/DOWN,** **View Data**                                   **Custom Data Set**  
**OK (** . 5.13).

2)



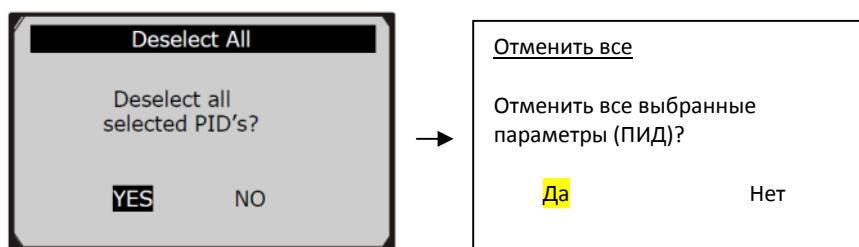
Select/Deselect – / , Deselect all –  
, OK – , ESC – . 5.16

3) **RIGHT,** /  
**UP/DOWN,**



. 5.17

- « » , «#» - ,
- , LEFT.



. 5.18

- OK;
- ESC
- LEFT/RIGHT,      NO
- 
- 4)      OK,
-

Live Data		4
DTC_CNT	0	
FUELSYS2	0L	
ETC(°C)	-40	
SHRTFT1 (%)	99.2	

. 5.19

5) **ESC,**

\_\_\_\_\_ ( ),

**5**

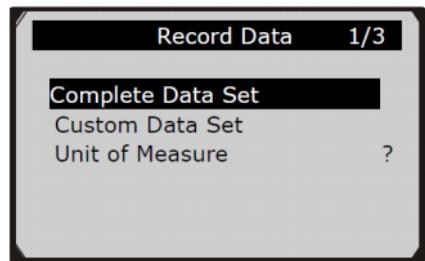
A. **OK**

B. **DTC**

!

Data	UP/DOWN, Live Data	Record
	OK ( . 5.12).	

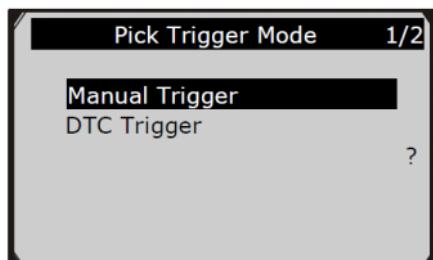
1)  
**UP/DOWN,**  
**Complete Data Set**      **Record** **Data**  
**OK.**



. 5.20

2)

**UP/DOWN,  
OK.**



. 5.21

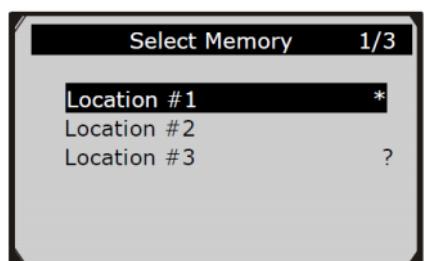
•

, ( -

).  
3)

**UP/DOWN,**

**OK.**



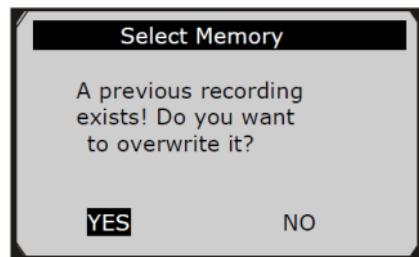
. 5.22

•

(\*)

,

(\*),



. 5.23

OK;  
LEFT/RIGHT,  
ESC

4)

NO



. 5.24

DTC,



. 5.25

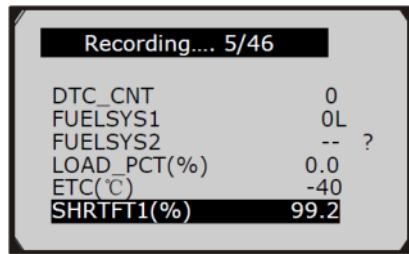
5)

OK,

( . 5.26).

♦ ,

DTC ( DTC , , ESC,

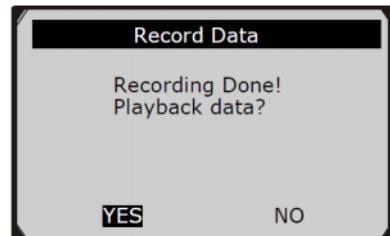


. 5.26

• «X/X...»

6)

ESC,



. 5.27

,

OK;

**ESC**  
**LEFT/RIGHT,**      **NO**      **OK**  
**Record Data.**

- 1)      **UP/DOWN,**  
          **Custom Data Set**  
          **OK ( . . 5.20).**
- 2)      **OK**      ( . . 5.16).  
          **NO**      **LEFT/RIGHT,**  
          **OK**      **Record**
- 3)      **RIGHT,**  
          /      .  
          **OK**      ( . .  
          5.17).
  - ,  
          **LEFT.**
  - ( . . 5.18).
  - **OK;**      ,      **ESC**  
          **NO**      **OK**      **UP/DOWN,**
- 4)      **UP/DOWN,**  
          **OK ( . .**  
          5.21).
  - ,  
          ( . . ).
  - 5)      **UP/DOWN,**  
          **OK ( . . 5.22).**
  - ( \* )
  - ( \* ),  
          ( . .  
          5.23).

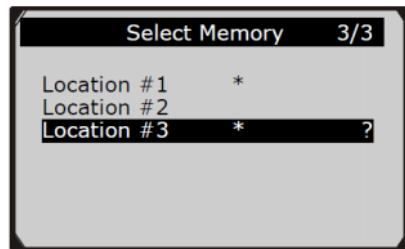
•                   **OK,**  
 ESC,           **NO**                   **LEFT/RIGHT,**  
                          **OK**

6)    ,  
 •    (     . 5.24).  
 •    **DTC,**  
   (     . 5.25).  
 7)    (     .  
   **OK,**  
   (     . 5.26).  
 8)    **ESC,**  
   (     . 5.27).  
 •    **OK;**  
   **ESC**  
   **NO**  
   **OK**  
   **Record Data.**

---

1)    **Playback**  
   **OK** (     . 5.12).  
 •

2)    **UP/DOWN,**  
   ( $*$ ).



. 5.28

- ,  
Supported or Stored No Data» ( ).  
3) UP/DOWN

1 of 135 frame		
DTC_CNT	0	6
FUELSYS1	OL	
FUELSYS2	N/A	?
LOAD_PCT (%)	0.0	
ETC(°C)	-40	
SHRTFT1(%)	99.2	

- . 5.29  
4) UP/DOWN

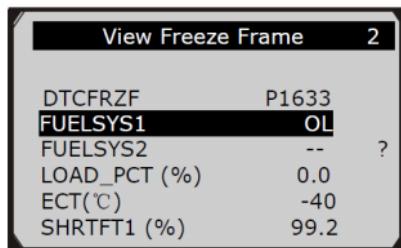
6 of 135 frame		
DTC_CNT	0	4
FUELSYS1	OL	
FUELSYS2	N/A	?
LOAD_PCT(%)	0.0	
ETC(°C)	-40	
SHRTFT1(%)	99.2	

. 5.30

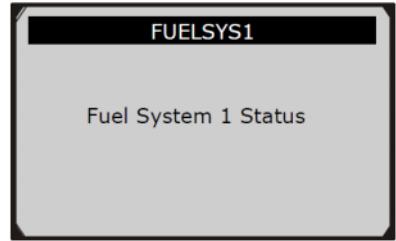
## 5.4 Freeze Frame Data

(RPM),  
(ECT),

- 1) **UP/DOWN,**  
**View Freeze Frame**      **View Data**  
**OK ( . 5.4).**
- 2)                          **PID MAP.**
- 3)                          **DOWN,**



- . 5.31
- «No freeze frame data stored!»  
!).
- 4)                          **UP/DOWN,**  
**HELP.**



5) . 5.32  
ESC,

## 5.5

### OBDII.

A.

B.

«NO»

«Not Ready».

- «OK» - ,
- «INC» - ,
- «N/A» -

A.

«I/M»  
«I/M»

( . . 5.33).

I/M Readiness			
MIL		IGN	Spark
DTC	5	Pd DTC	3
MIS	✓	EVAP	✗
FUE	✓	AIR	✗
CCM	✓	O2S	∅
CAT	✓	HRT	∅
HCAT	✓	EGR	∅

. 5.33

- «OK» - ,  
 «INC» - ,  
 «N/A» - ,
-

1) - , (

). ( MIL

2) - MIL

❖ « » ,

❖ « » ,

❖ , ,

( ).

3) -

MIL

, ,

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✧

✧

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		5
	,	,
		5

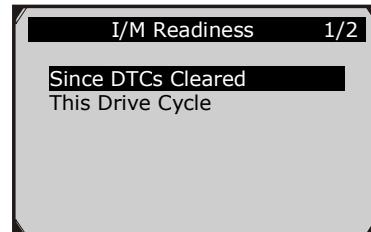
ESC

**B.**

1)                   **I/M Readiness**                   **UP/DOWN,**  
                     **OK ( . 5.4).**                   **Diagnostic Menu**

2)                   **PID MAP.**

3)



. 5.34

4)                   **MIL («ON»           «OFF»)**                   **UP/DOWN,**

- **MIS –**
- **FUEL –**
- **CCM –**
- **EGR –**
- **O2S –**
- **CAT –**
- **EVAP –**
- **HTR –**
- **AIR –**
- **HCAT –**

(                   ).

- **MIS –**
- **FUEL –**

- **CCM –**
- **EGR –**
- **HCCAT –**
- **NCAT –** NOx
- **BP –**
- **EGS –**
- **PM –**

Since DTCs Cleared 1	
MIL	OFF
MIS	OK
FUEL	OK ?
CCM	OK
CAT	INC
HCAT	N/A

. 5.35

5) «This Drive Cycle» ( ),

This Drive Cycle 1	
MIL	OFF
MIS	OK
FUEL	N/A ?
CCM	OK
CAT	INC
HCAT	N/A

. 5.36

6)

		2
	, ,	2
		2

7)

**UP/DOWN**

,

**LEFT/RIGHT,**

/

8)

**ESC**

**Diagnostic Menu.**

## **5.6**

**OBDII,**

**SAE,**

**(O2)**

,

(

).

**(CAN).**

,

**5.7 «**

**CAN,**

**».**

1)

**O2 Monitor Test  
OK.**

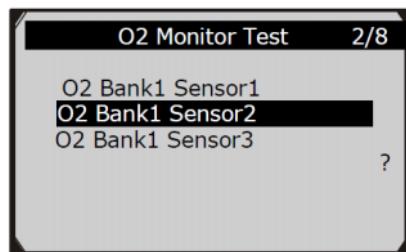
**UP/DOWN,  
Diagnostic Menu**

2)

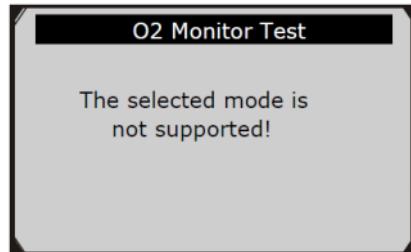
**PID MAP.**

3)

UP/DOWN,  
O2 Monitor Test  
OK.

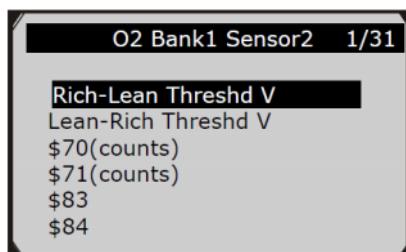


. 5.37



. 5.38

4)



. 5.39

5)

UP/DOWN

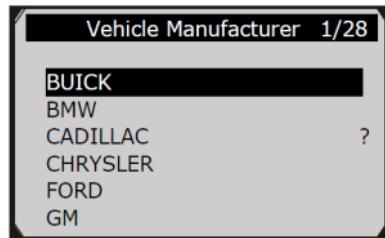
56

6)

**ESC,**

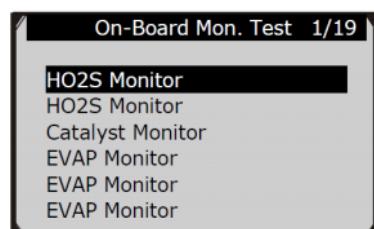
## **5.7**

- 1)      **On-Board Mon. Test**      **UP/DOWN,  
OK ( . . 5.4).**      **Diagnostic Menu**
- 2)      PID MAP.
- 3)



. 5.40

4)

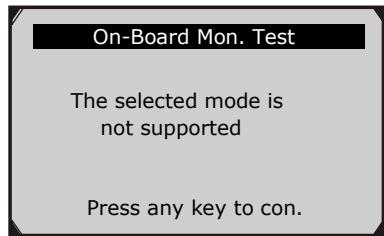


. 5.41

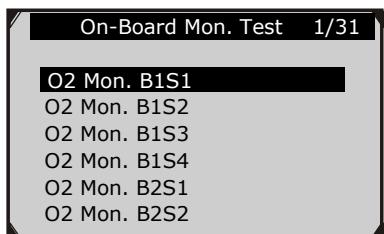
5)

**On-Board Mon. Test**  
**UP/DOWN,**  
**OK,**  
**LEFT/RIGHT**

/

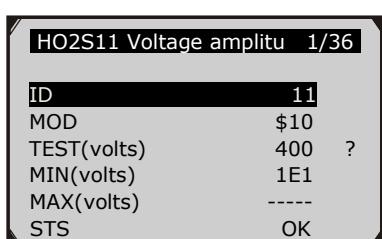


. 5.42

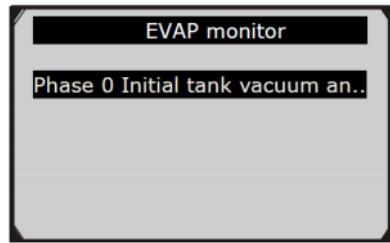


. 5.43

- 6) **Mon. Test**      **UP/DOWN,**  
**On-Board**  
7) **OK.**



. 5.44



. 5.45

Phase 0 Initial tank vacuum 1		
ID	00	
MOD	\$10	
TEST(in H2O)	0000	?
MIN(in H2O)	7000	
MAX(in H2O)	7200	
STS	Fail	

. 5.46

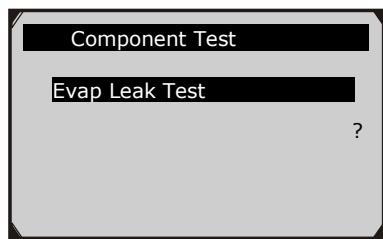
8)           ESC,

## 5.8

1)           Component Test                           UP/DOWN,  
   Diagnostics Menu  
OK ( . 5.4).

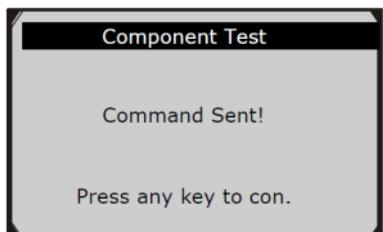
2)

,  
**Component Test.**

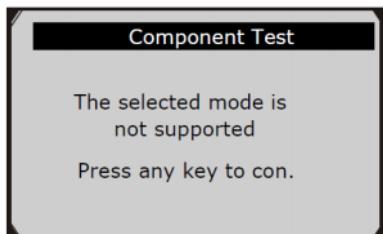


. 5.47

3)



. 5.48

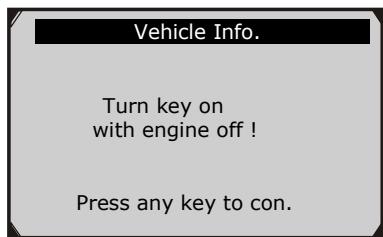


. 5.49

4)

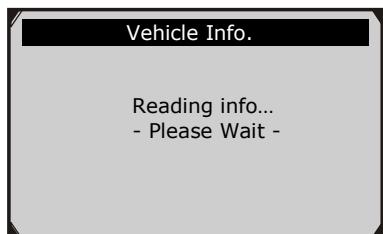
## 5.9

- (VIN),  
(CIN),  
         ,  
         ,  
1)                          UP/DOWN,  
                    Vehicle Info.                          Diagnostic Menu  
                    OK (     . 5.4).  
2)



. 5.50

3)



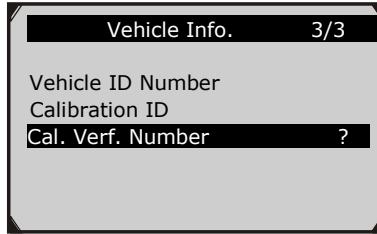
. 5.51

62

4)           **Vehicle Info.**

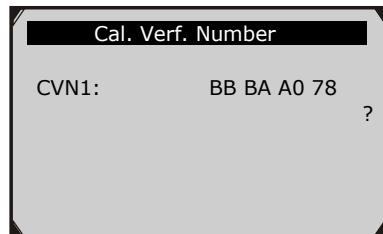
**UP/DOWN,**

**OK.**



. 5.52

5)



. 5.53

6)           **ESC,**

**5.10**

**OBDII.**

1)

**Modules Present**

**UP/DOWN,**

**Diagnostic Menu**

**OK ( . 5.4).**

2)

63

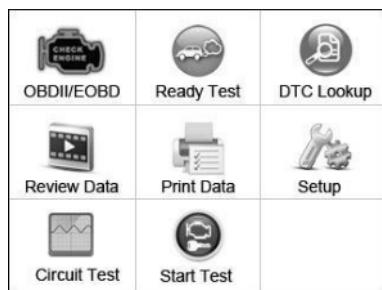
Modules Present	
ID	Protocol
\$00	ISO 9141-2
	?

.5.54  
3) ESC,  
**6.**

**6.1**  
1996

## 6.2

• UP/DOWN  
LEFT/RIGHT,  
Main Screen ( . 6.1), Ready Test  
OK.



. 6.1

---

1)

2) ( . 5.2 « »).

Ready Test  
**Main Screen.**

3)

,

,

4)

,

,

5)

,

---

1)

**Ready Test Main Screen.**

2)

,

3)

,

«

*Status Beep On ( . 3.8*

*»).*

,

!

,

,

*«INC»,*

*«Ready»,*

,

*ESC.*

### 6.3

Ready    Test    Main    Screen,  
, ,  
( ).

I/M Readiness			
MIL		IGN	Spark
DTC	5	Pd DTC	3
MIS	✓	EVAP	✗
FUE	✓	AIR	✗
CCM	✓	O2S	✗
CAT	✓	HRT	✗
HCAT	✓	EGR	✗

6.2

**ESC,**



«OK» -



«INC» -



«N/A» -

---

1) ( ),  
2)

---

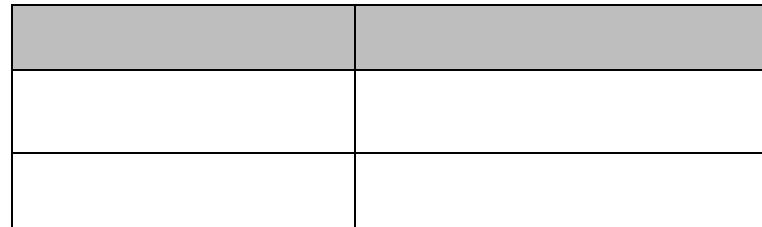
		2

7.

3,7 .

,  
Circuit Test      UP/DOWN,  
Main Menu      ,  
( . 3.1).      OK  
●      AUTO.

7.1 AUTO 

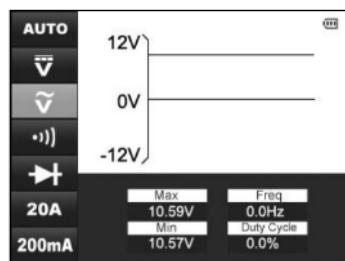


7.2 



7.1

7.3



7.2

3 ,  
0,01 .

7.4



7.3

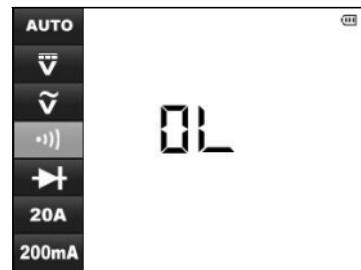
50 ,

70



. 7.4

$50$ ,  
 $OL$ ,



. 7.5

**7.5** A large blue rectangular button with a white right-pointing arrow icon in the center.

:  
(+),  
(-) ,

71



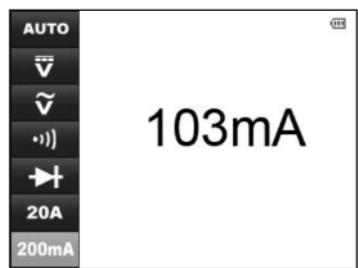
7.6      20A

0-20A.



7.7      200mA

0-200 A.



. 7.8

200 ,

73

8.

8.1



---

1.

/

- 
- 
- 
-

2.

75%.

3.

N

---

A.

**OBDII.**

B.

1.

2.

3.

OBDII

4.

5.

(+)

(-)

Main Screen ( . 3.1).  
UP/DOWN,

**START TEST**

( . 3.1).



. 8.1

75

6.

OK



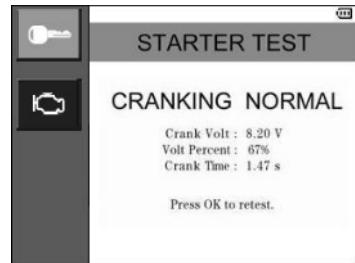
. 8.2

7.

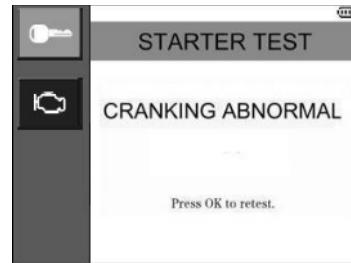
. I:

	( . 8.3).
	, ( . 8.4).
	, ( . 8.5).
	( . 8.6).

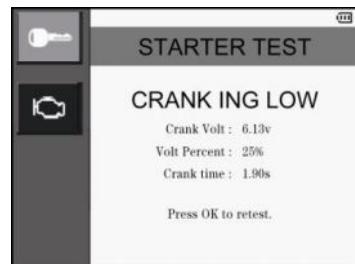
	8.7).



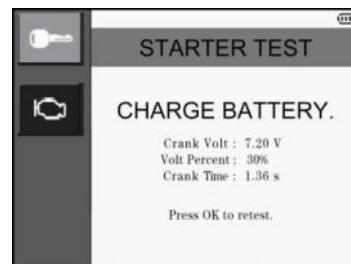
. 8.3



. 8.4



. 8.5



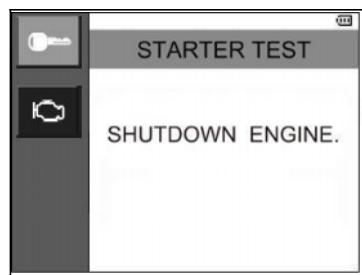
. 8.6



. 8.7

8.

**OK**



. 8.8

9.

OBDII



. 8.9

**8.2**



12

14,5 .

78

**A.****OBDII.****B.**

- 1.
- 2.

**OBDII**

(-).

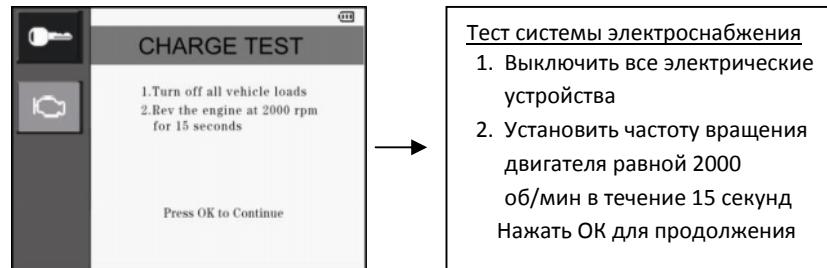
( + ),

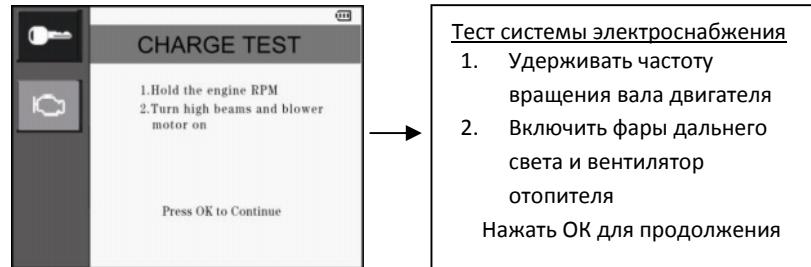
-

- 3.
- ( . 3.1).
- 4.

**START TEST  
CHARGE TEST****Main Screen****UP/DOWN,**

( . 3.1).





. 8.11

6.

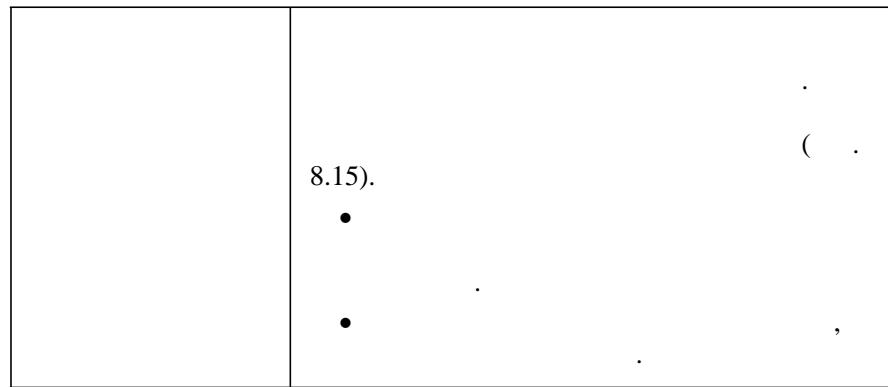
**OK.**

7.

. 2:

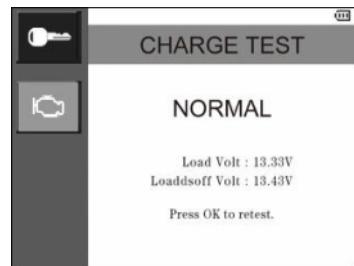
Описание	Действие
	8.12). ( . )

	<p>, 8.13).</p> <p>• •</p> <p>,</p> <p>( . 8.14).</p> <p>• •</p> <p>,</p>

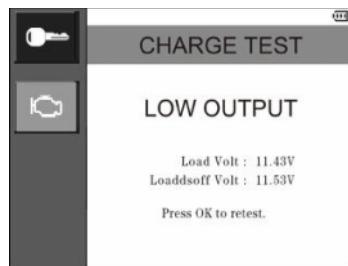


8.15).

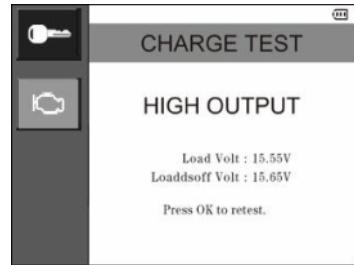
( .



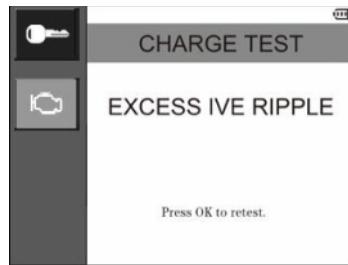
. 8.12



. 8.13



. 8.14



. 8.15

## 9.

12

,  
AGM,

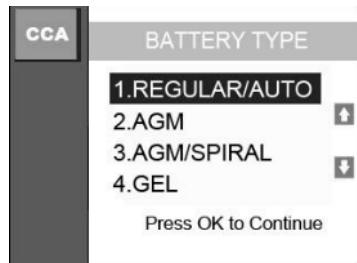
30 .

- 
1. , «OFF»
  2. : - (+), (-) .
  3. .
  4. **UP/DOWN,**  
**BAT TEST**,  
( . 9.1).



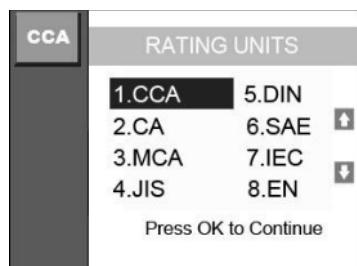
. 9.1

5. **OK**  
( . 9.2).  
**OK**



. 9.2

6.



. 9.3

7.

CCA

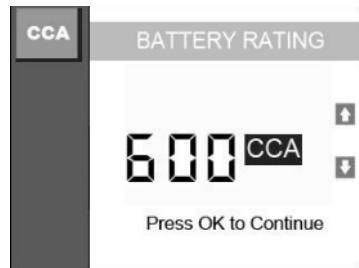
**OK**

**UP/ DOWN**

20

**OK**

. 9.4.

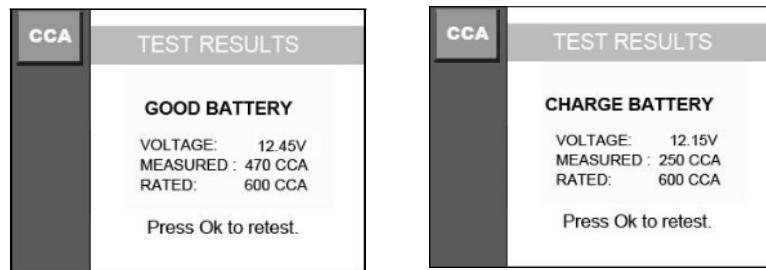


. 9.4

8. ,

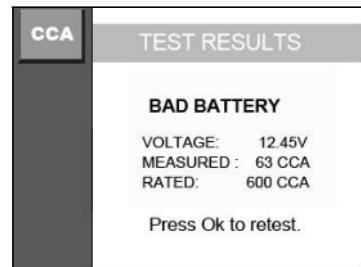
. 3. **CCA**

	( . 9.5).
( < )	( . 9.6).
( << )	( . 9.7).



. 9.5

. 9.6



. 9.7

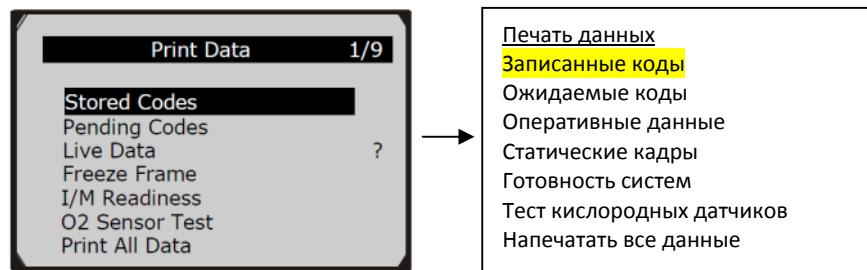
## 10.

- ,
- ,
- - AutoLink® AL539
- - USB
- - USB
- 1) Maxi-Link II CD-
- 2) [www.auteltech.com](http://www.auteltech.com) USB
- 3) Maxi-Link II Tool Kit



. 10.1

- 4) Print Data UP/DOWN,  
Main Menu OK ( . 3.1). ,
- 5) UP/DOWN,  
Print  
**Data.**



10.2

UP/DOWN,  
**Data.** Print All Data Print  
6) OK,  
7) Maxi-Link Tool Kit , ,



## **11.**

### **11.1**

«Autel»

,  
(1)

1) «Autel»

2), , , , , , ,

3) «Autel»

4), , , , , , ,  
«Autel»

### **11.2**

,  
www.auteltech.com.