Manuals+ — User Manuals Simplified.

MEEC TOOLS 014144 Fault Code Reader Instruction Manual

OBD-II/VAG
FAULT CODE READER
Item no. 014144

FAULT CODE REDER
OPERATING INSTRUCTIONS

Important! Read the user instructions carefully before use. Save them for future reference. (Translation of the original instructions).

Care for the environment!
Recycle discarded product in accordance with local regulations.

Jula reserves the right to make changes. For latest version of operating instructions, see **www.jula.com**

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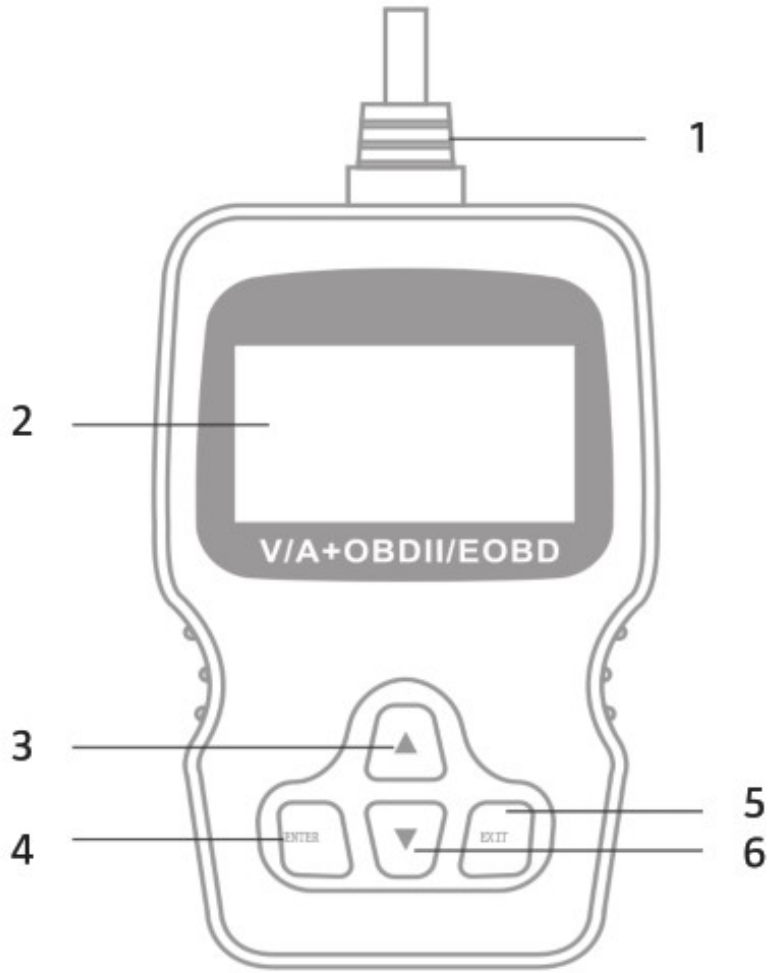
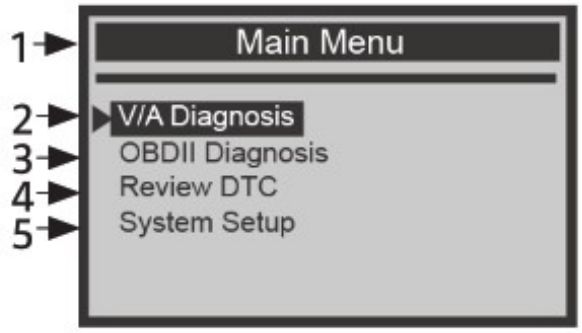
2022-04-04
@ Jula AB

1

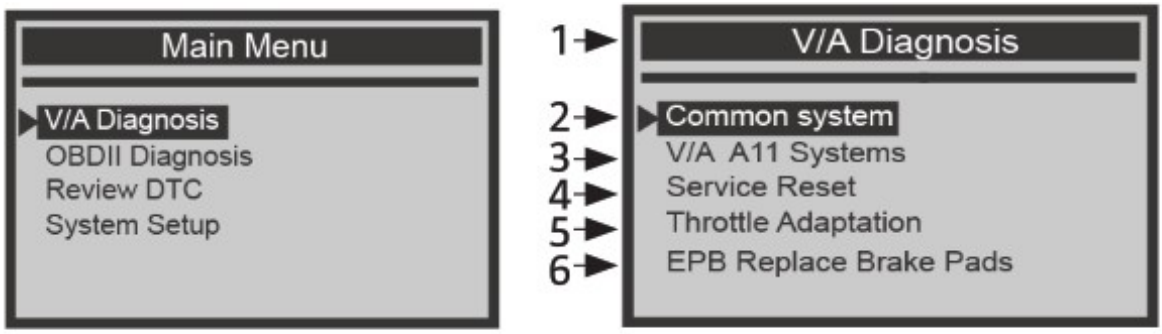

1
2
V/A+OBDII/EOBD
3
4
ENTER
EXIT
5
6

2

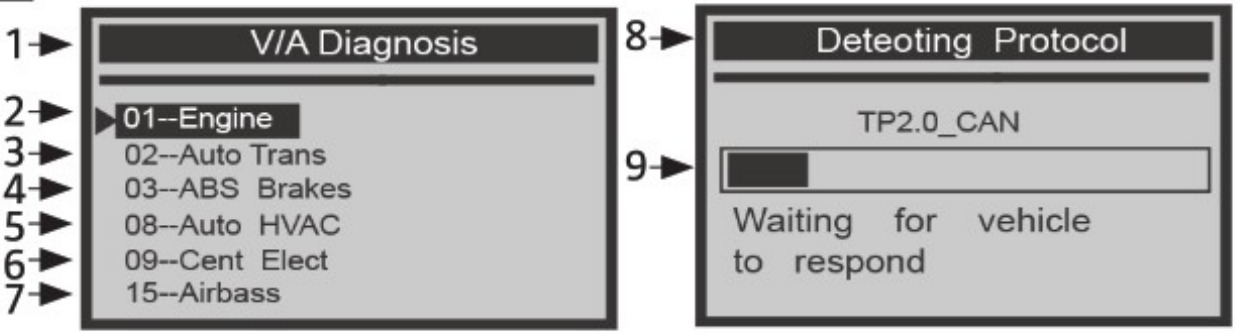
MEECTOOLS
SW V9.30 HW V1.1
014144


1
Main Menu
2
V/A Diagnosis
3
OBDII Diagnosis
4
Review DTC
5
System Setup

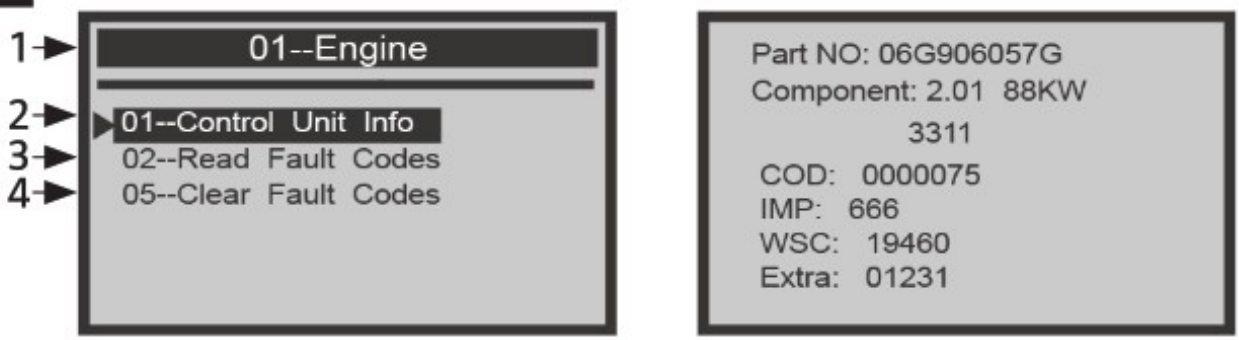
3


Main Menu
V/A Diagnosis
OBDII Diagnosis
Review DTC
System Setup
1
V/A Diagnosis
2
Common system
3
V/A A11 Systems
4
Service Reset
5
Throttle Adaptation
6
EPB Replace Brake Pads

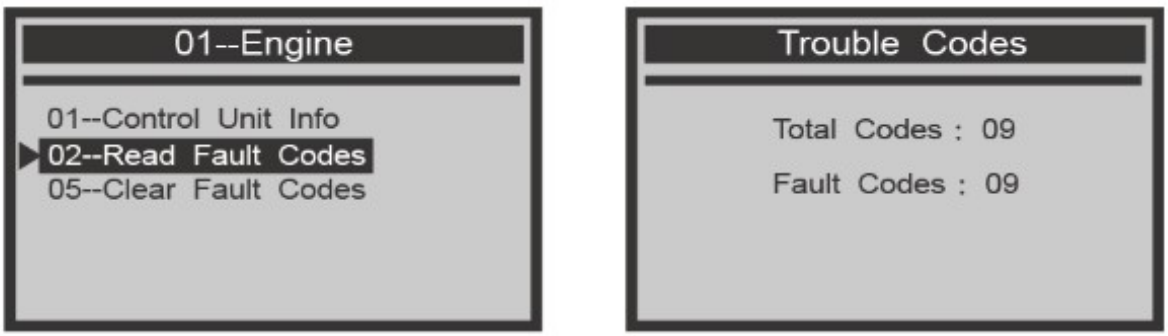
4


1
V/A Diagnosis
2
01--Engine
3
02--Auto Trans
4
03--ABS Brakes
5
08--Auto HVAC
6
09--Cent Elect
7
15--Airbass
8
Deteoting Protocol
TP2.0_CAN
9
Waiting for vehicle
to respond

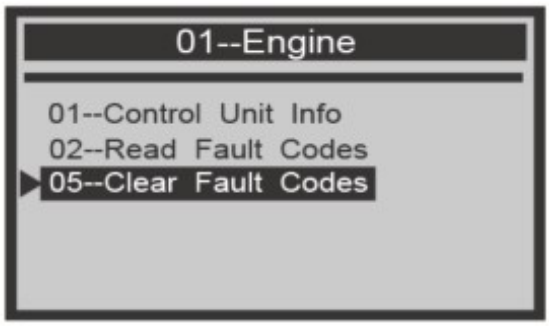
5

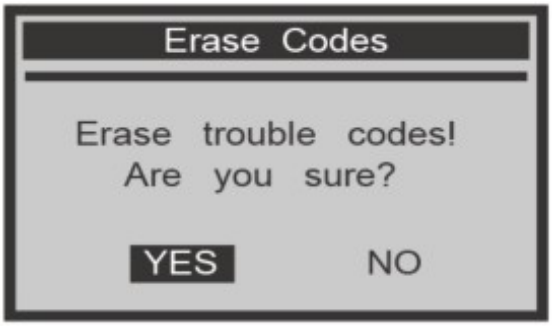

1
01--Engine
2
01--Control Unit Info
3
02--Read Fault Codes
4
05--Clear Fault Codes
Part NO: 06G906057G
Component: 2.01 88KW
3311
COD: 0000075
IMP: 666
WSC: 19460
Extra: 01231

6

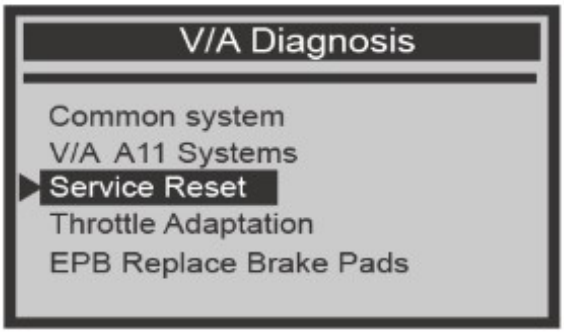

01--Engine
01--Control Unit Info
02--Read Fault Codes
05--Clear Fault Codes
Trouble Codes
Total Codes : 09
Fault Codes : 09

7


01--Engine
01--Control Unit Info
02--Read Fault Codes
05--Clear Fault Codes

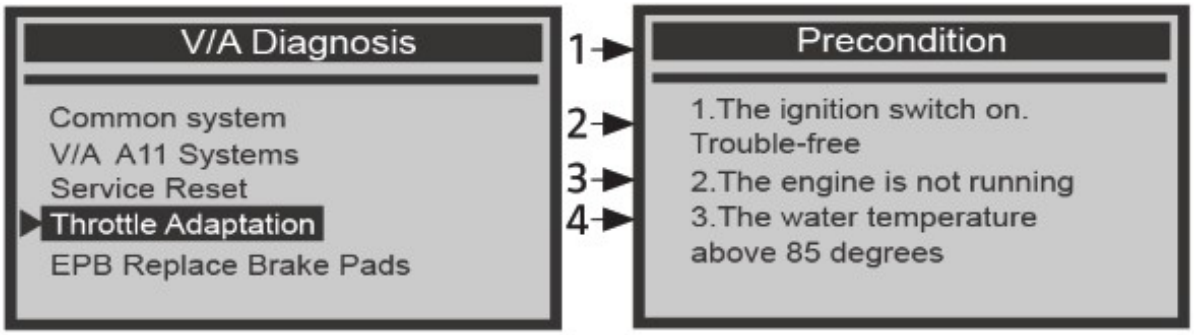

Erase Codes
Erase trouble codes!
Are you sure?
YES
NO

8

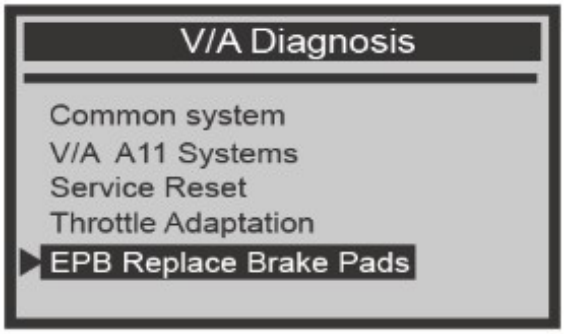

V/A Diagnosis
Common system
V/A A11 Systems
Service Reset
Throttle Adaptation
EPB Replace Brake Pads

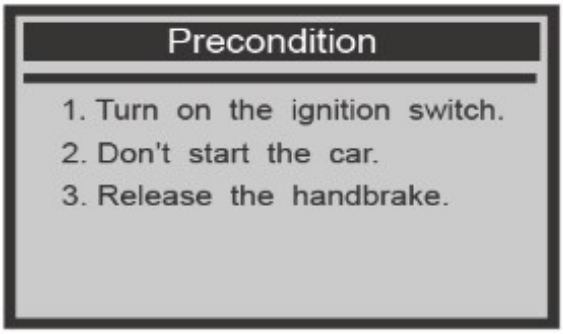
Service Reset
Oil Service
Inspeotion Service
Reset ESI
ESI: Distance inspect
ESI: Time inspect
FIX: Distance inspect

9


V/A Diagnosis
Common system
V/A A11 Systems
Service Reset
Throttle Adaptation
EPB Replace Brake Pads
1
2
3
4
Precondition
1.The ignition switch on.
Trouble-free
2.The engine is not running
3.The water temperature
above 85 degrees

10


V/A Diagnosis
Common system
V/A A11 Systems
Service Reset
Throttle Adaptation
EPB Replace Brake Pads


Precondition
1. Turn on the ignition switch.
2. Don't start the car.
3. Release the handbrake.

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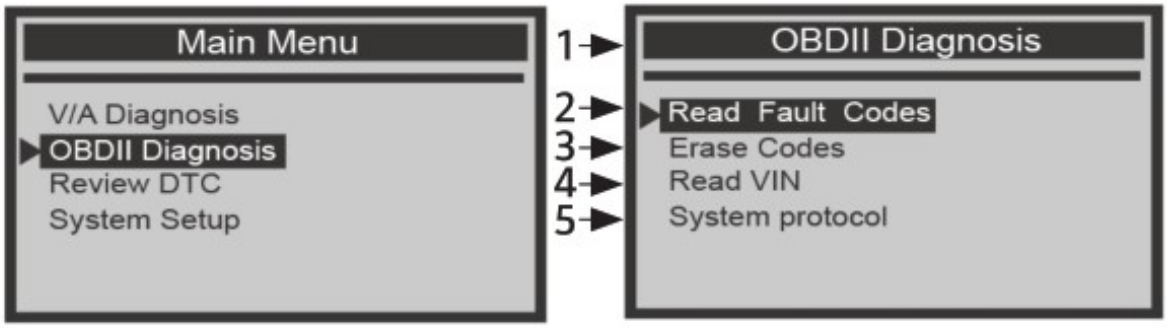
Main Menu
V/A Diagnosis
OBDII Diagnosis
Review DTC
System Setup
1
2
3
4
5
OBDII Diagnosis
Read Fault Codes
Erase Codes
Read VIN
System protocol

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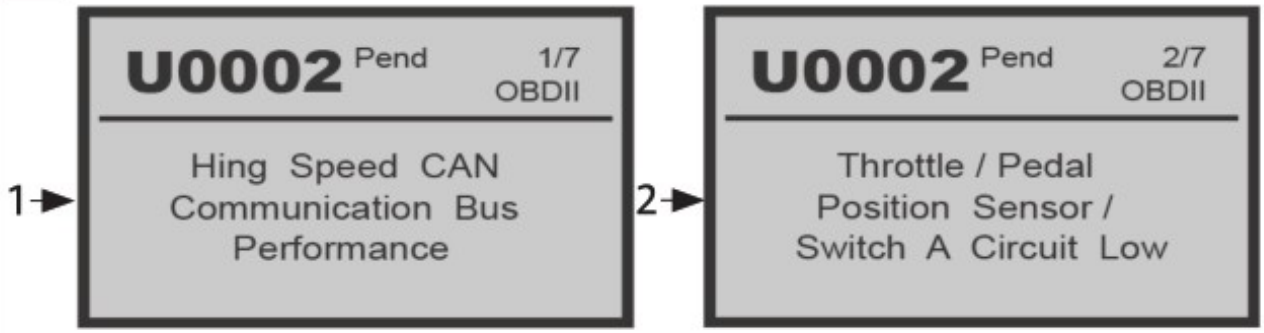
OBDII Diagnosis
Read Fault Codes
Erase Codes
Read VIN
System protocol
Trouble Codes
Total Codes : 07
Fault Codes : 00
Pend Codes : 07

13


U0002 Pend 1/7 OBDII
Hing Speed CAN Communication Bus Performance
1
2
U0002 Pend 2/7 OBDII
Throttle / Pedal Position Sensor / Switch A Circuit Low

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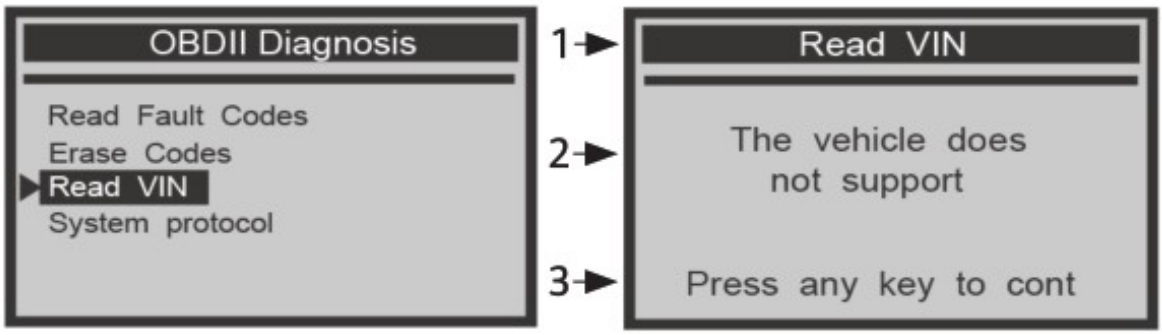
OBDII Diagnosis
Read Fault Codes
Erase Codes
Read VIN
System protocol
Erase Codes
Erase trouble codes!
Are you sure?
YES
NO

15


OBDII Diagnosis
Read Fault Codes
Erase Codes
Read VIN
System protocol
1
2
3
Read VIN
The vehicle does not support
Press any key to cont

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OBDII Diagnosis
Read Fault Codes
Erase Codes
Read VIN
System protocol
System protocol
Low KWP2000

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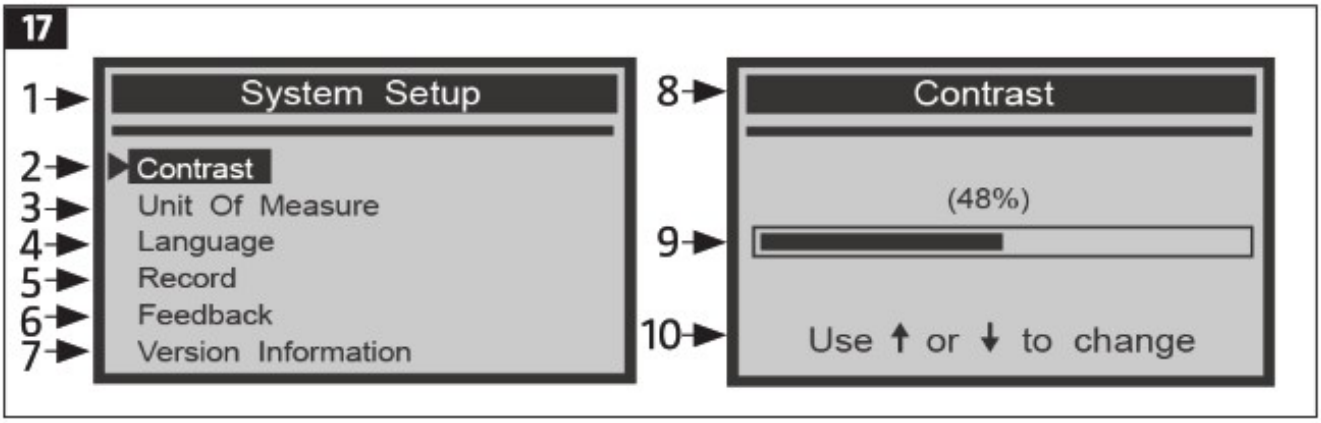
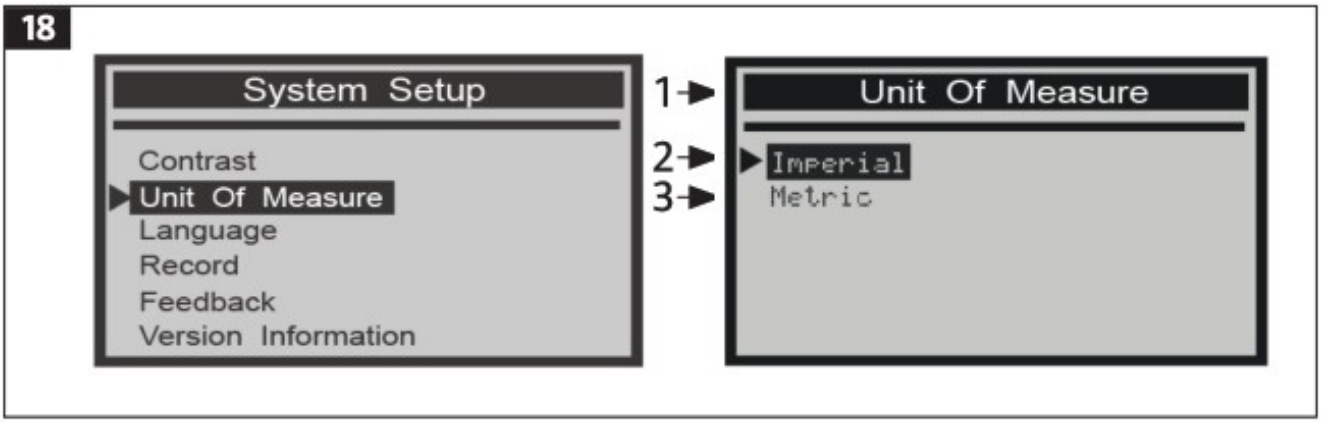

1
2
3
4
5
6
7
System Setup
Contrast
Unit Of Measure
Language
Record
Feedback
Version Information
8
9
10
Contrast
(48%)
Use ↑ or ↓ to change

18


System Setup
Contrast
Unit Of Measure
Language
Record
Feedback
Version Information
1
2
3
Unit Of Measure
Imperial
Metric

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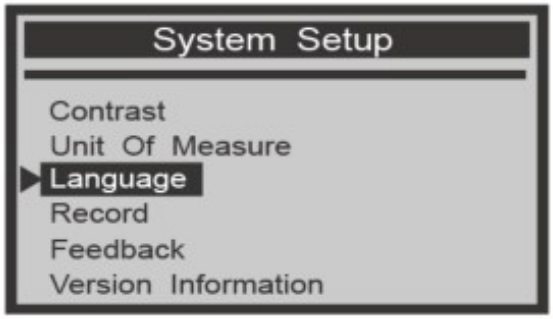
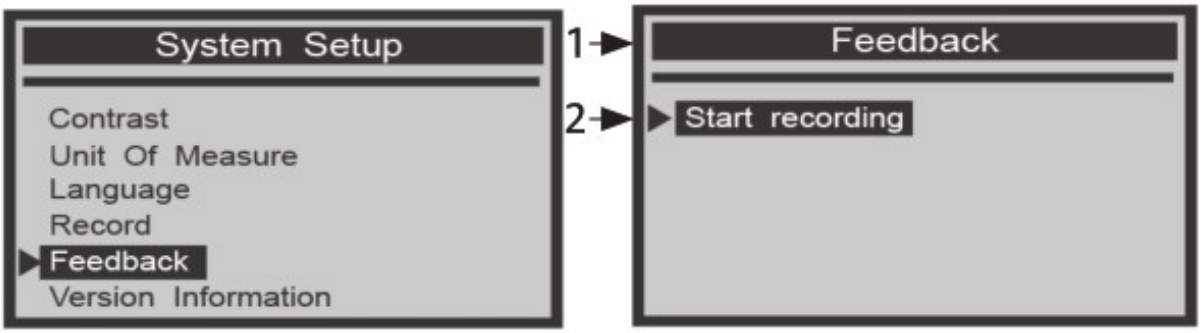

System Setup
Contrast
Unit Of Measure
Language
Record
Feedback
Version Information

Language
English
Polski
Svensk
Norske

20


System Setup
Contrast
Unit Of Measure
Language
Record
Feedback
Version Information
1
2
Feedback
Start recording

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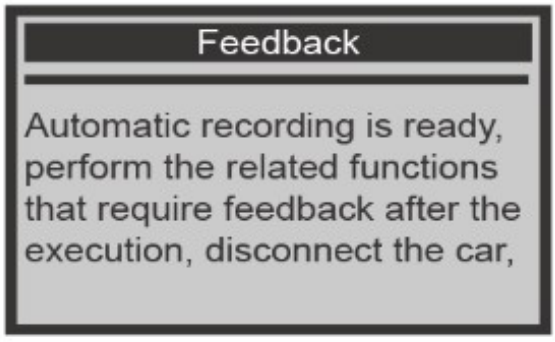
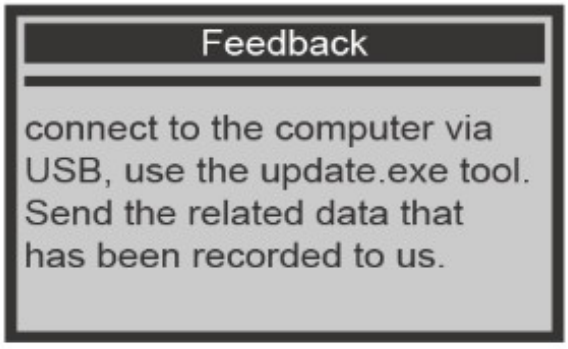
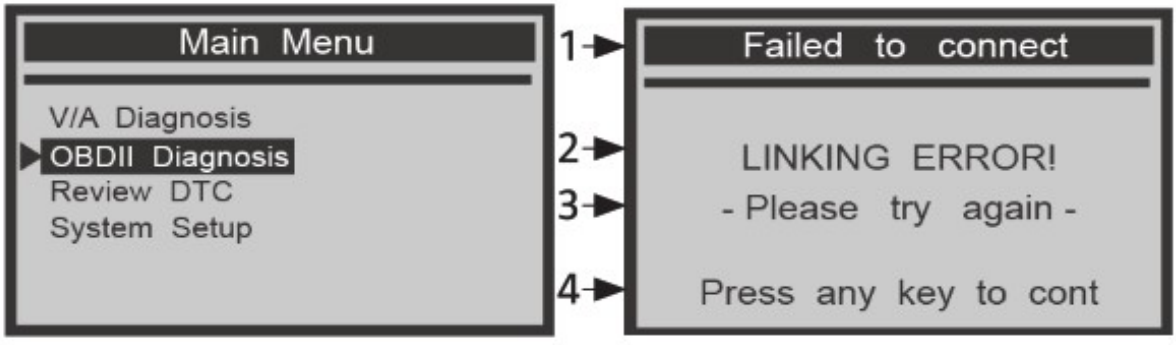

Feedback
Automatic recording is ready, perform the related functions that require feedback after the execution, disconnect the car,


Feedback
connect to the computer via USB, use the update.exe tool. Send the related data that has been recorded to us.

22


Main Menu
V/A Diagnosis
OBDII Diagnosis
Review DTC
System Setup
1
2
3
4
Failed to connect
LINKING ERROR!
- Please try again -
Press any key to cont

Contents

1 SAFETY INSTRUCTIONS
2 SYMBOL
3 TECHNICAL DATA
4 DESCRIPTION
4.1 SUPPORT/COMPATABILITY AND FUNCTIONS
4.2 FUNCTIONS
4.3 COMPONENT PARTS
5 HOW TO USE
5.1 CONNECTION
5.2 FUNCTIONS
6 OBD II DIAGNOSIS
7 CONTRAST
8 MEASUREMENT UNIT
9 LANGUAGE
10 FEEDBACK
11 VERSION INFORMATION
11.1 UPDATING
12 Documents / Resources
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SAFETY INSTRUCTIONS

- Work outdoors or in a well-ventilated area — risk of personal and/or fatal injury from inhalation of exhaust fumes.
- Pay attention to moving parts (fan, auxiliary drive etc.) when the engine is running — risk of serious personal injury.
- Internal combustion engines get very hot when they are switched on — risk of burn injury.
- The engine and ignition must be switched off when connecting or disconnecting the test equipment, otherwise the test equipment or electronics in the vehicle can be damaged. Switch off the ignition before connecting the fault code reader to, or disconnecting it from, the Data Link Connector (DLC).
- Fuel and battery fumes are highly flammable. Keep sparks, hot objects and naked flames away from the battery, fuel system, and fuel fumes to minimise the risk of explosion. Do not smoke near the vehicle when testing Is in progress.

SYMBOL

	Read the instructions.
	Approved in accordance with the relevant directives.
	Recycle discarded product in accordance with local regulations.

TECHNICAL DATA

Display	128 x 64 px
Backlight	Yes
Adjustable contrast	Yes
Ambient temperature, in use	0 to 60°C
Ambient temperature, storage	—20 to 70°C
Power supply	8-18 V
Size	125 x 70 x 22 mm

DESCRIPTION

SUPPORT/COMPATABILITY AND FUNCTIONS

- The product supports VW, AUDI, SKODA, SEAT and others.
- The product supports all models with 12 V electrical systems.
- The product supports the protocols UDS, TP20, TP16, KWP2000, and KWP1281.

1. Display
   • to show test results. 128 x 64 pixels with backlight and adjustable contrast.
2. ENTER button
   • to acknowledge selection or steps in menus.
3. EXIT button
   • tocancel selection or steps in menus, or return to previous menu.
   The button Is also used to exit the fault code display image.
4. Uparrow
   • to browse up through menu and submenu items in menu if more than one display image is active the button is used to browse from the display image shown to the previous display image.
5. Down arrow
   • to browse down through menu and submenu items in menu
   If more than one display image Is active the button Is used to browse from the display image shown to the next display image.
6. Diagnostics connector (OBD II)
   • for connection to computer system in vehicle.

FIG. 1

FUNCTIONS

Basic functions

- Reading of version information

- Reading of fault codes
- Deletion of fault codes

Special functions

- Throttle adaptation
- Service reset
- Brake pad replacement in cars with electrical P-brake (EPB)

COMPONENT PARTS

1. Fault code reader (main unit)
2. Instructions
3. USB cable

HOW TO USE

CONNECTION

Switch on the ignition and localise the 16-pin diagnostics connector (DLC).

1. Main menu
2. V/Adiagnosis
3. OBD II diagnosis
4. Show fault codes
5. System setup

FIG. 2

FUNCTIONS

V/A diagnosis

1. Mark item V/A Diagnosis and press ENTER button. The following display image is shown.
    1. V/A diagnosis
    2. Common system
    3. V/AATI systems
    4. Service reset
    5. Throttle adaptation
    6. Replace brake pads EPD

    FIG. 3
2. Press the ENTER button. The following display image Is shown, Mark item
    1. Engine and press ENTER button to go to interface for engine diagnosis.
        1. V/A diagnosis
        2. Engine

3. Automatic transmission
4, ABS brakes
5. Air conditioning
6. Electronics
7. Airbags
8. Detect protocol
9. Wait for vehicle computer to respond

FIG. 4

Reading of engine control unit (ECU) information
Mark ttem 01 Control Unit Info and press ENTER button. The following display image Is shown.

1. Engine
2. Control unit info
3. Read fault codes
4. Delete fault codes

FIG. 5

Reading of fault codes
Mark item 02 Read Fault Codes and press ENTER button. The following fault codes are shown on the display. Browse up or down with the arrow buttons to read fault codes.
FIG. 6

Deletion of fault codes
Mark ttem 05 Clear Fault Codes and select YES. The fault codes are deleted.
FIG. 7

Service reset
Mark the item Service reset and press the ENTER button. The display shows:
FIG. 8

Throttle adaptation
Mark the item Throttle Adaption and press the ENTER button. The display shows:

1. Conditions
2. Ignition on. No fault
3. Engine not running
4. Coolant temperature > 85°C

FIG. 9

Brake pad replacement in cars with electrical P-brake (EPB)
Mark the item EPB Replace Brake pads and press the ENTER button. The display shows:

1. Conditions
2. Activate ignition
3. Donot start engine
4. Release parking brake

FIG. 10

OBD II DIAGNOSIS

Mark item OBD II Diagnosis and press ENTER button. The display shows:

1. OBD II diagnosis
2. Read fault codes
3. Delete fault codes
4. Read chassis number
5. System protocol

FIG. 11

Reading of fault codes
This function reads fault codes in the vehicle computer. There are two types of fault codes:

- Permanent fault codes that switch on the fault status light (Malfunction Indicator Lamp, MIL) and pending fault codes.

  Permanent fault codes:
- Fault codes refer to emissions or performance related faults that cause the computer to switch on fault status light.

In some vehicles the fault message “Service Engine Soon” is shown, or “Check Engine”. Permanent fault codes are stored in the vehicle computer memory until the fault is corrected. Mark the item Read Fault Codes and press ENTER button. The product reads the fault codes stored in the vehicle computer. The number of fault codes incurred is shown according to the principle:

1. Fault codes
2. Total number of codes: 07
3. Number of fault codes: 00
4. Number of pending fault codes: 0

FIG. 12

Press the ENTER button to show fault codes. If there are more than two fault codes, browse with the arrow buttons to select and show the required fault code.

1. Reduced performance high speed CAN bus
2. Status sensor/switch A for throttle/peddle low

FIG. 13

Deletion of fault codes
Mark the item Erase Codes and press ENTER button. The display shows:
FIG. 14

Reading of chassis number (VIN)
Mark the item VIN Codes and press the ENTER button.

1. Read chassis number
2. The vehicle does not support this function
3. Press any button to continue

FIG. 15

System protocol
Mark the item System protocol. The display shows:
FIG. 16

CONTRAST

Mark the item Contrast. The display shows:

1. System setup
2. Contrast
3. Measurement unit
4. Language
5. Storage
6. Feedback
7. Version information
8. Contrast
9. Set contrast, 0-100%
10. Press the function buttons arrow up/down to increase or reduce the contrast.

FIG. 17

MEASUREMENT UNIT

Mark the item Unit of Measure). The display shows:

1. St (metric)
2. Imperial

FIG. 18

LANGUAGE

Mark the item Language. The display shows:

1. English
2. Polski
3. Svenska
4. Norske

FIG. 19

FEEDBACK

NOTE:
The function Start recording must be activated before each feedback.
Previously recorded data is deleted when the function is activated.

1. Mark the item Feedback. The display shows:
    1. Feedback
    2. Start recording

    FIG. 20
2. Mark the item Start recording. The display shows:

    FIG. 21
3. Press the EXIT button several times to return to the main menu.

    Example: If a fault occurs in the OBD II diagnosis during testing, mark the OBDII Diagnosis menu to detect and record new data.
    1. Connection failed
    2. Connection error
    3. Try again
    4. Press any button to continue

    FIG. 22
4. Download the upgrade file to computer from the AUTOPHIX website. Connect the unit to the computer with a USB cable.
5. Open the upgrade files, and mark Update.exe.
6. Click on Feedback.
7. Send the file Feedback.bin to support @autophix.com.

NOTE:
The fault code reader must be connected to the computer when the above steps are carried out.

VERSION INFORMATION

Mark the ttem Version Information. The display shows:

1. Version information
2. Software: SW V8.60
3. Hardware: HW V7.1B
4. Library: V2.80

UPDATING

Connect the fault code reader to the computer with the USB cable and click on “install driver.bat” in the drive routine file to install the drive routine.

NOTE:

- **The updating software is only supported by Windows 7, 8 and**
- **Windows 8 and 10 can runthe updating software directly, but a drive routine must be installed for Windows 7.**

Documents / Resources

	MEEC TOOLS 014144 Fault Code Reader [pdf] Instruction Manual 014144, Fault Code Reader, 014144 Fault Code Reader

Manuals+,