1. INTRODUCTION

1.1 EFI SCAN 1.5+

- **FI SCAN 1.5+** is specialized PC tool pack includes 02 PC software and 02 electrical adapters used to diagnose faults, analyze live data, active test actuators and programming parameters for all **TOYOTA, LEXUS, SCION** vehicles which are compliant with:

  - All cars and light trucks from 1980 to now in the world
  - All OBD-I *(car from 1980 to 1996)*, M-OBD *(car use K-line for markets as Asian, Africa, Middle East and Australia…)*, OBD-II standard
  - All gasoline and diesel engine/ Motors
  - All electrical systems that controlled by ECU as Engine, Body, and Chassis…
  - All kind of diagnosis connectors as DLC1 *(rectangle)*, DLC2 *(circle)*, DLC3 *(trapezoid)*
  - This equipment can works well with all Toyota cars have 16 pin connectors *(DLC3)* that some specialized OBD-II scanner of other companies does not work.
  - All OBD-II engine systems of other manufacturer for cars and trucks in the world.

![](image)

1.2 APPLICATION

- Used to determine trouble of all electronic systems controlled by ECU of **TOYOTA, LEXUS, SCION** vehicles. It cover all standard OBD-I, M-OBD, OBD-II.
- Specially, it can work well for all cars with connector is 16 pins same OBD-II connector but not working with cheap OBD-II Scanner.

Example ECM models:
15BT, 1AZ-XX, 1CD-FTV, 1E, 1FZ-FE, 1GR-FE, 1HD-XX, 1HZ, 1KD-FTV, 1KZ-XX, 1MZ-FE, 1RZ, 1NZ-FE, 1SZ-FE, 1TR-FE, 1WZ, 1ZZ-FE, 1UZ-FE, 1G-FE, 2AD-TRB, 2AZ-FE, 2C-XX, 2E-XX, 2GR-FE, 2JZ-XX, 2KD-FTV,
2LXX, 2RZ-XX, 2TR-FE, 2TZ-XX, 2UZ-FE, 2VZ-FE, 2S-E, 2ZZ-XX, 2ZR-XX, 3C-TE, 3L, 3E-XX, 3GR-FE, 3MZ-FE, 3RZ-FE, 3S-XX, 3VZ-XX, 3ZZ-FE, 3UZ-FE, 3VZ-XX, 3ZR-XX, 4A-XX, 4E-FE, 4GR-FE, 4ZZ-FE, 5E-FE, 5K, 5S-FE, 5VZ-FE, 7A-FE, 7M-XX, 22R-XX...

Example ECM models:

+ **Toyota**: Aygo, Avensis, Avalon, Camry, Carina, Corolla, Crown, Corolla, Celica, Cressida, Dyna, Zace, Altis, Innova, Sienta, Supra, Harrier, Prado, Previa, Picnic/Sports Van, Land Cruiser, Hilux, Hiace, Fortuner, MR2, Rav4, Yaris, Starlet, Supra, Paseo, LiteAce, 4-Runner, Tacoma, Tercel, MR-II,... and all other models in [Reference in car list](#)

+ **Lexus**: CT 200h, ES 350, GS 350, GS 450, GS 460, HS 250, IS 250, IS, 350, IS F, LS 460, LS 600h, GX 460, LX 570, RX 350, RX460, LX 570, RX 350, RX 450h

+ **Sicon**: bbX, iQ, FR-S, tC, t2B, xA, xB, xD, Fuse

- It can be used other application:
  - A repairing-tool for workshop or a training-tool for Vocational School.
  - Connect to automotive vocational trainer of EFI, ABS, SRS, AT, BODY vv... system
  - A technical tester for private cars

### 1.3 FUNCTION

- **The main functions:**
  - Read/Clear fault codes in ECUs, give repair suggestions: sensor systems, actuators, ECU for most electronic system on vehicles such as engine system, automatic transmission (AT), anti-lock braking system (ABS), airbag system (SRS), body system ...
  - Reset all of ECUs, turn off check engine light
  - Show parameter live data in different formats as analog clock, real-time data graph, statistical table...
  - Active test ON/ OFF actuators/ component
  - Show ECU information
  - Check monitoring status of systems
  - Programming key Immobilizer as add a registry key, edit key, clear registration key
  - Setting/ Programming special data Injectors
  - Setting/ Program TPMS (Tire Pressure Monitoring System)
  - Support for reset period maintenance (MAINT)
  - Look up fault codes

- Better support for diesel vehicle
- Support for reset period maintenance (MAINT)
- Support read fault code by both MIL and K-line serial data
- A best solution using PC software is installed on computer and combined with a signal converter to connect with ECU on car.
- Systems coverage:
  + Engine control system (PCM)
  + Chassis system (Chassis)
  + Anti-lock braking system (ABS)
  + Traction control system (TCS)
  + Electronic gear control system (AT/EG)
  + Body system (Body)
    + Door lock system
    + Lighting system
    + Wiper & washer system
    + Window & convertible system
    + Air conditioner control system
    + Door lock remote control system
    + Mirror system
    + Electric seat control system
  + Airbag system (SRS)
  + Instrument panel system (IP)
  + Key security system (Immobilizer)
  + 4-wheel drive system (4WD)
  + Cruise control system (ACC)
  + Electronic power steering system (EPS)
  + Hybrid system
  + Electronic damping system (ECS)
  + Radio system
  + Parking support system
  + Electronic stability system (ESP)
  + Audio system (Audio)
  + Other electronic control systems vv…

- Other special functions vv...

**1.4 PACKAGE**

<table>
<thead>
<tr>
<th>No.</th>
<th>VOLUME</th>
<th>DESCRIPTION</th>
<th>IMAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>01</td>
<td>OBD-I &amp; MOBD EFISCAN converter with 04 singe lines</td>
<td><img src="image1.png" alt="Image" /></td>
</tr>
<tr>
<td>2</td>
<td>01</td>
<td>MOBD &amp; OBD-II EFISCAN converter integrated in cable</td>
<td><img src="image2.png" alt="Image" /></td>
</tr>
<tr>
<td>3</td>
<td>01</td>
<td>Software for OBD-I, MOBD and OBD-II Standard on CDROM</td>
<td><img src="image3.png" alt="Image" /></td>
</tr>
</tbody>
</table>
1.5 COMPUTER

1. Processor: Pentium 733 MHz or more
2. RAM: 64 MB or more
3. Video card: 32 MB Video Ram or more
4. Windows version: WinXP, Win7, Win8
5. Text font: Window font system
6. Screen 1024 by 786 or more & Color (16 Bit or more)

2. INSTALL AND USING EFI SCAN 1.5+

CASE 1:
- If your car is Toyota DLC has 16 pins (Diagnostic Link Connector), it is MOBD or OBD-II standard. You must use TOYOTA SCANNER software (in folder MOBD_OBD-II TOYOTA on CD) with USB cable J2534 MINI VCI as picture below:

If you install and use software and software is not correct, it will not connect and not works.
- To install TOYOTA SCANNER software, you can look into 2.1 items.
2.1. INSTALL TOYOTA SCANNER SOFTWARE

2.1.1 Install MVCI Driver for TOYOTA

Step 1: Open folder name: “MOBD_OBD-II TOYOTA” on the CD of EFI SCAN 1.5+

Step 2: Run file “MVCI Driver for TOYOTA”

Step 3: Click “Next”
Step 4: Select Installation Folder *(Please set default part)*. Then click “Next”

Step 5: Click “Install” to begin Installation
Step 5: Click “Finish”

2.1.2 Install TOYOTA SCANNER Software

Step 1: Open folder name: “MOBD_OBD-II TOYOTA” in CD of EFISCAN 1.5+
Step 2: Open file name: “Toyota Scanner 8.00.034”

Step 3: Select “Language”, then click “Next”
Step 4: Click “Next”

Step 5: Enter Customer Information, then click “Next”
**Step 6:** Click “**Install button**”

**Step 7:** Click “**Finish button**”
Step 8: Open file name: “J2534 – Mongoose Pro”

Step 9: Click “Enter” from Keyboard
**Step 10:** Open file name: “TISKEY” in “MOBD_OBD-II TOYOTA” folder

**Step 11:** Click “Accept button”
2.1.3 Get Active code of TOYOTA SCANNER software

Notes: If your computer runs Windows 7, Windows 8 64 bit version you need get Active code. If your computer runs other Windows operating version, you ignore this item.

The procedure for getting active code me data is as follows.

Step 1: Open “C:\Program Files\Toyota Diagnostics\Techstream\bin” folder

Step 2: Rename name of MainMenu.exe file to any name (Notes, for safe, please backup original MainMenu.exe file to other folder).

Step 3: Open folder “Patch 8.0 Win 7 64bit/ Win8” in EFI SCAN 1.5+ CD

The screen display as below:
Step 4: Copy “MainMenu.exe” file to “C:\Program Files\Toyota Diagnostics\Techstream\bin” folder

Step 5: Start your Toyota Scanner software and use this Key to activate your Toyota Scanner:

Step 6: Select “Register Software” menu in Setup menu of software

Step 7: Enter activate code to active text box then click “OK” button

Active code:
abbe703c18739c897dae24400b78aeb530001302010241
2.1.4 Setting for TOYOTA SCANNER software

Step 1: Open file “TOYOTA SCANNER” on desktop

The screen display as below:
**Step 2:** Select “Setup/VIM Select” as below:

![Image of Setup/VIM Select](image)

**Step 3:** Select “J2534 – Mongoose Pro”. Then click “OK”.

![Image of Mongoose Select](image)
**Step 4:** Select “Setup/ Techstream Configuration”

[Image of Techstream Configuration interface]

**Step 5:** Select Area. Click “Next”

[Image of Techstream Configuration (S822-04) with area selection options]
Step 6: Select Language. Then click “Next”

Step 7: Then select “OK”. The installation is complete.
2.2 USE TOYOTA SCANNER SOFTWARE

2.2.1 Connect TOYOTA SCANNER to vehicle

**Step 1:** Connect MOBD & OBD-II cable into a USB port of computer  
**Step 2:** Connect DLC port (16 pin) of cable into DLC connector of vehicle

**Step 3:** Open file “TOYOTA SCANNER” on desktop. The screen display as below:

- “Connect to Vehicle” button: Begins diagnosing the TOYOTA/LEXUS/SCION vehicle. The vehicle type is automatically determined via communication with the vehicle. If the vehicle type cannot be automatically determined, the user must select Option.
- “Open Scan Data File” button: Opens the Service Event File or Uploads Drive Recorder Data.
- “Generic OBD II” button: Runs Generic OBD-II
- “User Selection” button: Changes the User
- “Language Selection” button: Changes the language
- “Log Out” button: Changes the Current user to Generic User. If user settings are changed, the changes made will be cancelled.

**Step 4**: Click “Connect to Vehicle” button. The procedure for Vehicle Connect is as follows:

**Automatic Vehicle Selection**: Vehicle information is automatically displayed for the selected vehicle in the Vehicle Connection Wizard Dialog box.

**Manual Vehicle Selection**: The user enters the Division, Model, Model Year, Engine and vehicle Option(s) to determine the vehicle.

![Vehicle Connection Wizard](image)

**2.2.2 Select system**

The System Select screen displays the ECU’s installed on the vehicle. Select the ECU to be diagnosed. When the Live Data Button is pushed, the Live Data Tab is displayed. The user may return to the System Select Tab and open another Live Data Tab.
**Live Data button:** When the Live Data Button is pressed, the ECU Live Data Tab is displayed. This button cannot be used if an ECU is not selected.

### 2.2.3 Read/Clear fault code

- Fault codes are data stored in the vehicle computer (ECU) internal memory when problems occur. Fault codes for the system selected are displayed on the screen.
- Push “Trouble code” button to view fault codes. The fault codes display on the Diagnostic Code List:

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Current</th>
<th>Pending</th>
<th>History</th>
<th>Permanent</th>
<th>Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td>P0125</td>
<td>Insufficient Coolant Temperature for Closed Loop Fuel Control</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>P1130</td>
<td>Air/Fuel Sensor Circuit Range/Performance Malfunction (Bank 1 Sensor 1)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>P1135</td>
<td>Air/Fuel Sensor Heater Circuit (Bank 1 Sensor 1)</td>
<td>X; X</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>P1150</td>
<td>Air/Fuel Sensor Circuit Range/Performance Malfunction (Bank 2 Sensor 1)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>P1155</td>
<td>Air/Fuel Sensor Heater Circuit Malfunction (Bank 2 Sensor 1)</td>
<td>X; X</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Push “Clear DTCs” button to clear fault codes.
Clear DTCs button: Deletes DTC, freeze-frame, monitor status, monitor results information and the information code.

Freeze-Frame (FF) Data button: Displays freeze-frame data when the cursor is placed on a DTC that contains freeze-frame data. If the system supports neither the FFD nor the FFD Pending function, this button will be hidden.

Store button: Saves DTC, freeze-frame (including Pending FFD), monitor status, monitor results information and the information code.

2.2.4 Display Freeze Frame Data
There are two types of freeze frame data:
- Single freeze frame data: ECU data recorded when the DTC data is generated.
- Multi freeze frame data: ECU data recorded before, after, and when the DTC data is generated.

The procedure for displaying freeze frame data is as follows.
- **Step 1:** On the Diagnostic Code List, select the DTC data with “Snow Flake” icon.
- **Step 2:** Push the FF Data button.
### 2.2.5 View live data

- This function displays the ECU data for the system selected on the system selection screen.
- Push “Data List” button. The ECU data is displayed on the Parameter List as below:

---

### 2.2.6 Active/test actuators

The active test is a function to check drive relays, actuators, solenoids, etc. If they are driven normally in the active test, it is possible to judge circuits as normal from the ECU to relays, actuators, solenoids, etc.

- Press the “Active Test” button from the Menu Button. When the Active Test Selection Dialog displays, select the Active Test items.
CASE 2:
- If your car connector is 17 & 23 pins (Diagnostic Link Connector - DLC) then your car is OBD-I standard. You must use EFI SCAN 1.5 software (in folder EFI SCAN 1.5_ENGLISH on CD) with OBD-I TOYOTA adapter as picture below:
- To install the EFI SCAN 1.5 software, you can look into **2.3 items**.

2.3 INSTALL EFI SCAN SOFTWARE

2.3.1 Install USB to COM converter

**Step 1:**
- Insert EFI SCAN installation CDROM into computer.
- Open folder “EFI SCAN_1.5_ENGLISH”
- Open folder “USB-Com Driver 2.0”
- Run Setup.exe file in “**USB-Com Driver 2.0**” folder
- Wait few seconds for the installation to complete.
Now, you have driver for USB–COM converter.

**Step 2:**
- Setting serial visual port configuration USB serial port number must like port number in setting of EFI SCAN software. Example: you could set COM port is 04 as bellow:
- Click on right mouse on “**My Computer**” item in the desktop screen and next click left mouse in “**Properties**” menu.

- Click on “**Hardware**” Tab and next to “**Device Manager**” button.
- Click right mouse on USB Serial Port (#) will showing on as bellow. You could modify COM port numbers by click right mouse on “USB Serial Port (COM#)” Item for modifying:
- Click “Advanced…” button and you could set COM port number is 04 from combo box of COM port number. Click “OK” button to finish.

- Now, you have completed already all of USB-COM converter installation and port setting. To check, you unplug USB-COM converter and re-plug, you will see to appear visual COM port is 04 numbers.
**2.3.2 Install EFI SCAN software**

**Step 1**: Open folder “EFI SCAN_1.5_ENGLISH”. Run file “Setup.exe”.

*Note: The installation process will have some report show on require the user to select when files copy are the same name or older or already available and it are using then you please select "KEEP” button and “IGNORE” button to continue installation to finish.*

**Step 2**: Copy folder “W_Engine” and “Wa_ABS” to “C:\Program Files\EFISCAN”

**Step 3**: Start EFI SCAN from Start menu / Programs / DTDAUTO TECHNOLOGIES/ EFI SCAN

**Step 4**: Enter the “Activation Code”, which is supplied in device package to activate EFI Scan software.

**Step 5**: Set Com port on EFI SCAN software. In this case, if you have set “USB Serial Port Number” is 04 then you must set COM port number in EFI Scan program is 04 as bellow:
2.4 USE EFI SCAN SOFTWARE

2.4.1 Connect EFI SCAN to vehicle

- Computer connecting:
  - Use cable between a computer and EFI SCAN converter. Please change communication port is COM1 or COM2 or COM3 or COM4 of the EFI SCAN if it is not connect in first time using.
  - Use USB to COM converter for a Computer is not COM port.

- Connecting to DLC1 or DLC2 diagnostic connector
  1. Connecting in Engine fault reading (ECM) as bellow:
     Step 1: Turn OFF Ignition key
     Step 2: B pin of data cable to +B Vehicle diagnostic connector
    (Other case: If +B-Pin on connector is not available then connect B cable to +12V-pin battery)
     Step 3: E pin of data cable to E1 of DLC Vehicle
     Step 4: T pin of data cable to TE1 of DLC Vehicle
     Step 5: W pin of data cable to W of DLC Vehicle
    (Several cases: If W-Pin on connector is not available then Connect W cable to negative pin of check lamp or W pin of ECU)
     Step 6: Turn ON Ignition key
2. Connecting in ABS faults reading *(TCM)* as bellow:

**Step 1:** Turn OFF Ignition key

**Step 2:** Remove jumper of Wa-Wb on Vehicle diagnostic connector

**Step 3:** B pin of data cable to +B Vehicle diagnostic connector
(Several Cases: If +B-Pin on connector is not available then connect B-pin cable to +12V-pin battery)
Step 4: E pin of data cable to E1 of DLC Vehicle
Step 5: T pin of data cable to Tc of DLC Vehicle
Step 6: W pin of data cable to Wa of DLC Vehicle
(Several Cases: If Wa-Pin on connector is not available then connect W cable to negative pin of ABS check lamp or Wa pin of ABS ECU)
Step 7: Turn ON Ignition key
(Note: ABS actuator testing, please turn OFF ignition key, jump between Ts-pin and E1-pin then run vehicle on the road over 20 km/h in several minutes. Re-connect test-mode as above for ABS actuator fault reading)

➤ Connecting to DLC3 Diagnostic connector (16-pin like OBD-II Style)
(Note: Some Toyota vehicles are OBD-I, M-OBD standard. However, diagnostic connector like OBD-II connector standard)

1. Connecting in Engine faults reading (ECM) as bellow
Step 1: Turn OFF Ignition key
Step 2: B cable to BAT (16-pin) of DLC Vehicle
Step 3: E cable to CG (04-pin) of DLC Vehicle
Step 4: T cable to Tc (13-pin) of DLC Vehicle
Step 5: W cable to W pin of ECM or negative pin of Engine check lamp
Step 6: Turn ON Ignition key

2. Connecting in ABS faults reading (ABS) as bellow:
Step 1: Turn OFF Ignition key
Step 2: B cable to BAT (16-pin) Vehicle diagnostic connector
Step 3: E cable to CG (04-pin) Vehicle diagnostic connector
Step 4: T cable to Tc (13-pin) Vehicle diagnostic connector
Step 5: W cable to Wa pin of ABS ECU or negative pin of ABS check lamp
Step 6: Turn ON Ignition key

Notes: ABS actuator testing, please turn OFF ignition key, jump between Ts (14-pin) and CG (4-pin) and run vehicle on the road over 20 km/h in several minute, re-connect test-mode above for ABS actuator fault reading.

2.4.2 Diagram of wiring connection
➤ Locations of Diagnostic Link Connector (DLC) and ECU
➤ Read fault engine by MIL for old OBD-I/ MOBD vehicle

1. Case 1 (Use DLC1 with W pin is available on DLC1)

2. Case 2 (Use DLC1 with w pin is not available on DLC1)
3. Case 3 (Use DLC3 with w pin is not available on DLC3)

➢ Read fault ABS by MIL for old OBD-I/ MOBD vehicle

1. Case 1 (Use DLC1 with Wa pin is available on DLC1)

2. Case 2 (Use DLC3 with Wa pin is not available on DLC3)
Case 1: with ABS use 3-position valves
Case 2: with ABS use 2-position valves

- Determine fault all system by K-Line for new MOBD & OBD-II vehicle

<table>
<thead>
<tr>
<th>DLC3 ON THE CAR</th>
<th>CONNECT EFI SCAN TO CAR</th>
</tr>
</thead>
</table>

2.4.3 Photos of some positions of W pin in some engines
3S-FE Engine **male connector** (COROLLA, CAMRY 91 - 2001)

1ZZ-FE Engine **male connector** (COROLLA ALTIS 1.8G)

2AZ-FE Engine **male connector** (CARMY 2.4G)

1TR-FE Engine **female connector** (INNOVA J/G/V)

1KD-FTV Diesel Engine **female connector** (PRADO, HILUX, LAND CRUISER)

1KZ-TE Diesel Engine **female connector** (HILUX, LAND CRUISER)
2.4.4 Method find W-pin position on other Toyota ECU

**Step 1:**
Prepare a DC Voltage meter and set range is 20V. Connect red stick (+) of voltage meter to 12V of battery on the vehicle (or any position 12V) is fixed. (Warning: You need sure that, you has setting voltage meter function on electrical multi-meter else it cannot found or danger for your ECU)

**Step 2:**
Connect EFI Scan tool to diagnostic connector 16 pins OBD-II style (or 17 pins rectangle) excludes W-terminal. Turn on key of ignition and start EFI Scan tool in the computer to “Ready” report displayed on the screen.

**Step 3:**
Connect black stick (-) of voltage meter in turn to all of terminal of the ECU and to view. If position of ECU pin that voltage meter rhythm displayed look like check engine light flashing on the vehicle then this is W-pin position. Connect W- cable pin of EFI Scan tool to that and read fault of engine as normally.
Step 4:
Please save this W-position information for other vehicle that have ECU is the same.

2.4.5 Steps for reading fault code from EFI SCAN

Step 1: Connect data cable between a computer and electronic converter
Step 2: Connect data cable between electronic converter and car
Step 3: Turn on the ignition key of the car (*converter’s lamp is ON*).
Step 4: Turn on Computer and start EFI SCAN software. The screen display as below:

Step 5: Click on “CODE READER” item. Main menu display as below:
Step 6: Click on “ON/OFF” command for EFI SCAN loading and testing

Step 7: If loading is OK then check engine light of vehicle is flashing and computer screen display is “Ready...”

Step 8: Select system from “Option” button (Engine is default)
- Select system in “CHOICE SYSTEM”
- Select model in “CHOICE MODEL, YEAR”
- Click on button to continue.

**Step 9:** Click on “READ CODE” button for reading fault code.

**Step 10:** Wait about 05 to 20 seconds for complete *(The scanning is good operation if sandglass is flashing).* The screen display as below:
Step 11: If you want to check fault again, please click on “RESTART” button and wait until screen display is “Ready...” and continue from Step 9.

Notes:
1. EFI SCAN will only display from 01 to 03 of fault status. Reports include of faults, diagnosis and repair suggestion information. If engine fault amount is over of 03 then need to repair it and next checking.
2. Please does not un-plug cable of the battery when fault reading before, like that all of faults were deleted.
3. Some case, history fault code is stored in the memory on recent repairing time that it does not clear. Like this, the un-plug of battery cable clear fault code. Please run the vehicles on the road about 10 min after un-plug of battery cable then fault reading is corrected.
4. Select “Option” button to set option from main menu (Engine is default). The screen display as below:
5. To lookup more information (including W pin on ECU connector, Electrical wiring diagram, ECU location), from “Option” frame, select system, type vehicle and information which you need to lookup, click on “VIEW” button. The screen display as below (notes: this function is complete when you have copy data folder to current folder of EFISCAN.exe file):
6. Do not use electronic converter box for other works.
7. Do not use any other cable for replace.
8. Do not use EFI SCAN software with any other hardware.

2.4.6 Clear fault code
Function: Clear fault codes stored in ECU.

**Step 1:** Click on “Reset MIL” button from Main Menu. The screen display as below:

![Clear fault code screen](image)

**Step 2:** Choice system type in “CHOICE SYSTEM”

**Step 3:** Click on button to continue. The screen display as below:
- Execute step-by-step following guide on screen.
- Click mouse on button to return main menu.

2.4.7 Lookup fault codes

**Step 1:** Click on “Lookup Code” button from main menu. The screen display as below:
Step 2: Choice system type in “CHOICE SYSTEM” and vehicle type in “CHOICE MODEL, YEAR…”

Step 3: Click on button to continue. The screen display as below:

Step 4: Enter fault code on blank box then click on “VIEW” button. The screen display as below:

Step 5: Click mouse on button to return main menu.

2.4.8 Reset oil life monitor

Step 1: From main menu click on “Reset MAINT” button, the screen display as below:
**Step 2:** Execute step by step following guide on screen.

**Step 3:** Click mouse on button to return main menu.

### 2.4.9 Update latest version

**Step 1:** Connect computer with internet

**Step 2:** Start EFI SCAN program. The screen display as below:

Step 3: Click on “INTRODUCTION & CHECK UPDATE” item. The screen display as below:
Step 4: Click on “UPDATE” button
- If your version is latest, the screen display as below:

![Image of the screen display for latest version]

Click on “OK” button to exit.
- If your version is not latest, the screen display as below:

![Image of the screen display for not latest version]

Click on “Yes” button to update, click on “No” button to skip

*****

Thanks for your reading!
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