Table of Contents

1. One-Year Limited Warranty *2*

2. Safety Information *4*

2.1 Conventions Used 4

2.2 Important Safety Instructions 4

3. Using This Manual *5*

4. Introduction *6*

4.1 Data Link Connector 6

4.2 About OT90 6

4.2.1 Buttons and Controls 6

4.2.2 Accessories Included 7

4.2.3 Specifications 7

4.2.4 Power 7

4.2.5 System Setup 7

4.2 Vehicle Coverage 10

5. Instructions *10*

5.1Instructions for AUDI/SEAT/SKODA/VW 10

5.2 Instruction for BMW 13

5.3 Instruction for Land Rover 16

5.4 Instruction for Mercedes 17

5.5 Instruction for Saab 18

5.6 Instruction for Vauxhall 19

5.7 Instruction for Volvo 19

7. Update *21*

8 Function List *22*

1. One-Year Limited Warranty

Subject to the conditions of this limited warranty, Silverado Company (“SILVERADO”) warrants its customer that this product is free of defects in material and workmanship at the time of its original purchase for a subsequent period of one (1) year.

In the event this product fails to operate under normal use, during the warranty period, due to defects in materials and workmanship, SILVERADO will, at its sole option, either repair or replace the product in accordance with the terms and conditions stipulated herein.

Terms and Conditions

1. If SILVERADO repairs or replaces the product, the repaired or replaced product shall be warranted for the remaining time of the original warranty period. No charge will be made to the customer for replacement parts or labor charges incurred by SILVERADO in repairing or replacing the defective parts.
2. The customer shall have no coverage or benefits under this limited warranty if any of the following conditions are applicable:

a) The product has been subjected to abnormal use, abnormal conditions, improper storage, exposure to moisture or dampness, unauthorized modifications, unauthorized repair, misuse, neglect, abuse, accident, alteration, improper installation, or other acts which are not the fault of SILVERADO, including damage caused by shipping.

b) The Product has been damaged from external causes such as collision with an object, or from fire, flooding, sand, dirt, windstorm, lightning, earthquake or damage from exposure to weather conditions, an Act of God, or battery leakage, theft, blown fuse, improper use of any electrical source, or the product was used in combination or connection with other product, attachments, supplies or consumables not manufactured or distributed by SILVERADO.

3. The customer shall bear the cost of shipping the product to SILVERADO. And SILVERADO shall bear the cost of shipping the product back to the customer after the completion of service under this limited warranty.
4. SILVERADO does not warrant uninterrupted or error-free operation of the product. If a problem develops during the limited warranty period, the consumer shall take the following step-by-step procedure:

a) The customer shall return the product to the place of purchase for repair or replacement processing, contact your local SILVERADO distributor to get further information.

b) The customer shall include a return address, daytime phone number and/or fax number, complete description of the problem and original invoice specifying date of purchase and serial number.

c) The customer will be billed for any parts or labor charges not covered by this limited warranty.

d) SILVERADO will repair the Product under the limited warranty within 30 days after receipt of the product. If SILVERADO cannot perform repairs covered under this limited warranty within 30 days, or after a reasonable number of attempts to repair the same defect, SILVERADO at its option, will provide a replacement product or refund the purchase price of the product less a reasonable amount for usage.

e) If the product is returned during the limited warranty period, but the problem with the product is not covered under the terms and conditions of this limited warranty, the customer will be notified and given an estimate of the charges the customer must pay to have the product repaired, with all shipping charges billed to the customer. If the estimate is refused, the product will be returned freight collect. If the product is returned after the expiration of the limited warranty period, SILVERADO’s normal service policies shall apply and the customer will be responsible for all shipping charges.

5. ANY IMPLIED WARRANTY OF MERCHANTABILITY, OR FITNESS FOR A PARTICULAR PURPOSE OR USE, SHALL BE LIMITED TO THE DURATION OF THE FOREGOING LIMITED WRITTEN WARRANTY. OTHERWISE, THE FOREGOING LIMITED WARRANTY IS THE CONSUMER’S SOLE AND EXCLUSIVE REMEDY AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. SILVERADO SHALL NOT BE LIABLE FOR SPECIAL, INCIDENTAL, PUNITIVE OR CONSEQUENTIAL DAMAGES, INCLUDING BUT NOT LIMITED TO LOSS OF ANTICIPATED BENEFITS OR PROFITS, LOSS OF SAVINGS OR REVENUE, LOSS OF DATA, PUNITIVE DAMAGES, LOSS OF USE OF THE PRODUCT OR ANY ASSOCIATED EQUIPMENT, COST OF CAPITAL, COST OF ANY SUBSTITUTE EQUIPMENT OR FACILITIES, DOWNTIME, THE CLAIMS OF ANY THIRD PARTIES, INCLUDING CUSTOMERS, AND INJURY TO PROPERTY, RESULTING FROM THE PURCHASE OR USE OF THE PRODUCT OR ARISING FROM BREACH OF THE WARRANTY, BREACH OF CONTRACT, NEGLIGENCE, STRICT TORT, OR ANY OTHER LEGAL OR EQUITABLE THEORY, SILVERADO KNEW OF THE LIKELIHOOD OF SUCH DAMAGES. SILVERADO SHALL NOT E FOR DELAY IN RENDERING SERVICE UNDER THE LIMITED WARRANTY, OR LOSS DURING THE PERIOD THAT THE PRODUCT IS BEING REPAIRED.

6. Some states do not allow limitation of how long an implied warranty lasts, so the one yea

limitation may not apply to you (the Consumer). Some states do not allow the exclusion or limitation of incidental and consequential damages, so certain of the above limitations or exclusions may not apply to you (the Consumer). This limited warranty gives the Consumer specific legal rights and the Consumer may also have other rights, which vary from state to state.

2. Safety Information

For your safety, and to prevent damage to the equipment and vehicles, read this manual thoroughly before operating your OT90 code reader. The safety messages presented below and throughout this user's manual are reminders to the operator to exercise extreme care when using this device. Always refer to and follow safety messages and test procedures provided by the manufacturer of the vehicle or equipment being tested. Read, understand and follow all safety messages and instructions in this manual.

2.1 Conventions Used

We provide safety messages to help prevent personal injury and equipment damage. Below are signal words we used to indicate the hazard level in a condition.

No.	Signal Word	Hazard Level
1	⚠DANGER	Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury to the operator or to bystanders.
2	⚠WARNING	Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury to the operator or to bystanders.
3	⚠CAUTION	Indicates a potentially hazardous situation which, if not avoided, may result in moderate or minor injury to the operator or to bystanders.

2.2 Important Safety Instructions

And always use your code reader as described in the user's manual, and follow all safety messages.

⚠WARNING Do not route the test cable in a manner that would interfere with driving controls.

⚠WARNING Do not exceed voltage limits between inputs specified in this user's manual.

⚠WARNING Always wear ANSI approved goggles to protect your eyes from propelled objects as well as hot or caustic liquids.

⚠WARNING Fuel, oil vapors, hot steam, hot toxic exhaust gases, acid, refrigerant and other debris produced by a malfunction engine can cause serious injury or death. Do not use code reader in areas where explosive vapor may collect, such as in below-ground pits, confined areas, or areas that are less than 18 inches (45 cm) above the floor.

⚠WARNING Do not smoke, strike a match, or cause a spark near the vehicle while testing and keep all sparks, heated items and open flames away from the battery and fuel / fuel vapors as they are highly flammable.

⚠WARNING Keep a dry chemical fire extinguisher suitable for gasoline, chemical and electrical fires in work area.

⚠WARNING Always be aware of rotating parts that move at high speed when an engine is running and keep a safe distance from these parts as well as other potentially moving objects to avoid serious injury.

⚠WARNING Do not touch engine components that get very hot when an engine is running to avoid severe burns.

⚠WARNING Block drive wheels before testing with engine running. Put the transmission in park (for automatic transmission) or neutral (for manual transmission). And never leave a running engine unattended.

⚠WARNING Do not wear jewelry or loose fitting clothing when working on engine.

⚠CAUTION Make sure to turn off ignition before connecting or disconnecting the code reader.

3. Using This Manual

We provide instructions for the usage of your code reader in this manual.
Below is a list of conventions we used in the manual.

Safety Information

See ***Safety Information*** on page 3-4.

Bold Text

Bold emphasis is used in procedures to highlight selectable items such as buttons and menu options.
Example:
Use the **UP/DOWN** key to select the desired language.

Bold-Italic Text

Bold-italic text is used in the procedures to highlight the menus on the code reader screen.
Example:
Use the **UP/DOWN** key to select **Language** from ***System Setup*** screen.

Symbols and Icons

√ Check Note
Additional information about the subject in the preceding paragraph is introduced by a √ Check Note.
Example:

√ The code reader is set to display English menus by default.

● Solid Spot

Operation tips and lists that apply to specific tool are introduced by a solid spot ●.
Example:
System Setup allows you to:

- Select menu languages.
- Adjust display contrast.

IMPORTANT

IMPORTANT indicates a situation, which, if not avoided, may result in damage to the test equipment or vehicle.
Example:

IMPORTANT Do not soak keypad as water might find its way into the code reader.

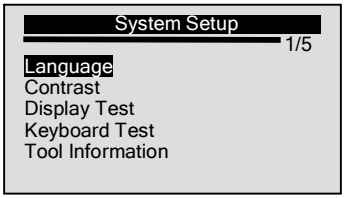
NOTE

NOTE provides helpful information such as additional explanations, tips, and comments.
Example:

NOTE Not all data are supported by all vehicles.

Screens

Some help messages, information, and data displayed on the code reader are also shown in graphical text boxes. The screens presented are examples only and actual test screen may vary for each vehicle being tested.
Example:



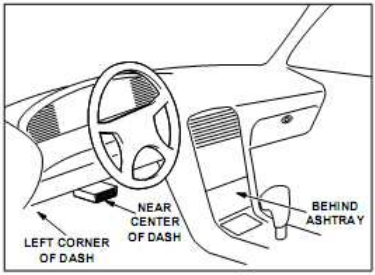
Arrow Icon

▶ An arrow icon indicates a procedure.
Example:
▶ To change menu language:

1. Use the **UP/DOWN** key to select **Language** from ***System Setup*** screen.
2. Press the **ENTER** key to confirm.

4. Introduction
4.1 Data Link Connector
The Data Link Connector (DLC) is a standard 16-pin interface located under the dashboard on the driver's side of the passenger compartment. If the DLC is not located under the dashboard as stated, a decal describing its location should be attached to the dashboard in the area the DLC should have been located.

NOTE On some Asian and European vehicles the DLC is located behind the “ashtray”, which must be removed to access it, or on the far left corner of the dash. If the DLC cannot be found, consult the vehicle’s service manual for the location.



4.2 About OT90
4.2.1 Buttons and Controls



A. OBD II Port - provides communication for vehicle DLC.
B. LCD Display - shows menus, test results and operation tips.
C. UP Key - moves selection up. Scrolls back and forth through codes retrieved.
D. DOWN Key - moves selection down. Scrolls back and forth through codes retrieved.
E. Y Key - confirms an action or movement and moves to next level.
F. N Key - cancels an action and returns to previous screen or level.
G. USB Port - provides a USB connection between the code reader and PC or laptop.

IMPORTANT Do not use solvents such as alcohol to clean keypad or display. U nonabrasive detergent and a soft cotton cloth.

IMPORTANT Do not soak keypad as water might find its way into the code reader.

4.2.2 Accessories Included

No.	Part	Description
1	User's Manual	Provides operation instructions for the usage of code reader.
2	USB Cable	Provides USB communications for updates of software and DTCs.
3	Diagnostic Cable	Connects OT90 with connectors.
4	Connectors	Provides connection for vehicle's DLC.
5	Plastic Case	Stores OT90 and its accessories.

4.2.3 Specifications

No.	Item	Specification
1	Display	Backlit, 128 x 64 pixel display with contrast adjustment.
2	Working Temperature	0 to 60℃(32 to 140℉)
3	Storage Temperature	-20 to 70℃ (-4 to 158℉)
4	Power	8-18 Volts powered by vehicle battery
6	Dimensions	185mm*85mm*35mm (L*W*H)
7	Weight	1Kg

4.2.4 Power

The OT90 is powered up by vehicle battery when diagnosing.
To power on OT90

1. Locate the diagnostic interface on vehicle.
2. Plug in the code reader's OBDII connector to the DLC.

NOTE A plastic DLC cover may be found on some vehicles. Remove the cover before plugging the OBD2 cable.

4.2.5 System Setup

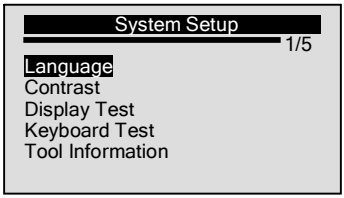
System Setup allows you to:

- Select menu languages;
- Adjust display contrast;
- Test LCD display;
- Test product keypad;
- View product information.

√ ***System Setup*** settings remain until changes to the existing setups are made.

To do system setup:

1. Press **N** key to enter ***System Setup*** from home screen.



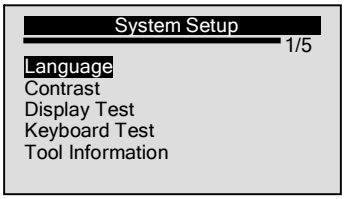
√ Follow on-screen instructions to program OT90 to meet your specific needs.

Changing Language

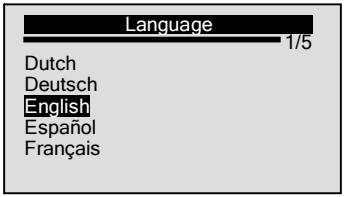
√ OT90 is set to display English menus by default.

To change system language:

1. Use the **UP/DOWN** key to select **Language** from ***System Setup*** screen.
2. Press the **Y** key to confirm.



3. Use the **UP/DOWN** key to select desired language.

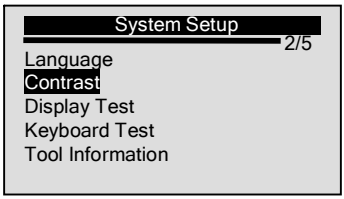


4. Press the **N** key to save language setting and return.

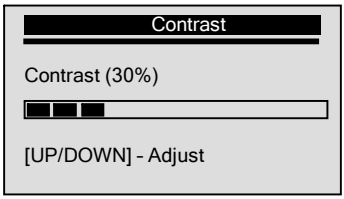
Adjusting Display Contrast

To adjust display contrast:

1. Use the **UP/DOWN** key to select **Contrast** from ***System Setup*** screen.
2. Press the **Y** key to confirm.



3. Use the **UP/DOWN** key to adjust contrast.



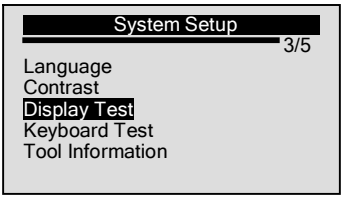
4. Press the **Y** key to save contrast setting and return.

Display Test

The ***Display Test*** function is used to check if the LCD screen works correctly.

To adjust display contrast:

1. Use the **UP/DOWN** key to select **Display Test** from ***System Setup*** screen.
2. Press the **Y** key to confirm.



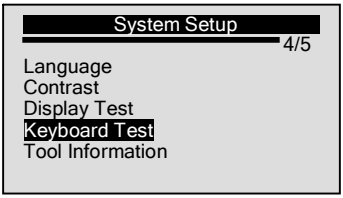
3. Use the **Y** key to confirm and start testing.
4. Look for missing spot in black solid characters.
5. When completed, use the **Y** key to return.

Keyboard Test

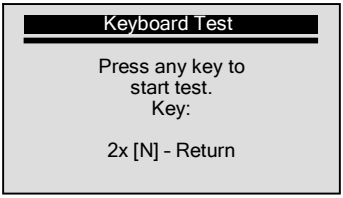
The ***Keyboard Test*** function is used to check if the operation of keypad works correctly.

To adjust display contrast:

1. Use the **UP/DOWN** key to select **Keyboard Test** from ***System Setup*** screen.
2. Press the **Y** key to confirm.



3. Press any key to start. Key name or scroll direction should show on display when you press a key.



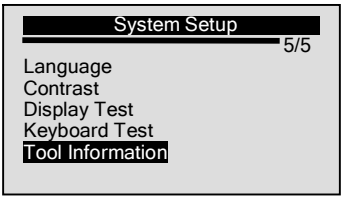
4. Double press the **N** key to return.

Tool Information

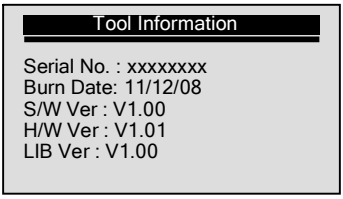
The ***Tool Information*** function is used to view tool information such as software version that may be needed when contacting customer service.

To view tool information:

1. Use the **UP/DOWN** key to select **Tool Information** from ***System Setup*** screen.



2. Press the **Y** key to view information.



4.2 Vehicle Coverage

OT90 Oil Light and Airbag Reset Tool is specially designed to reset oil service light, oil inspection light, service mileage, service intervals and airbag on most major Asian, American and European vehicles. Below is a list of compatible vehicles:

Acura, Audi, BMW, Buick, Cadillac, Chevrolet, Chevrolet/GMC, Chrysler, Ford/Mercury/Lincoln, Honda, Isuzu, Jeep, Land Rover, Mercedes, Nissan/Infiniti, Oldsmobile, Pontiac, Saab, Saturn, Scion, Seat, Skoda, Toyota/Lexus, Vauxhall, Volvo, VW.

For pre-OBDII vehicles please use proper connectors included in this tool kit to complete your service work.

5. Instructions

Instruction menu allows you to view operation steps on AUDI/SEAT/SKODA/VW, BMW, Land Rover, Mercedes Benz, Saab, Vauxhall and Volvo vehicles.

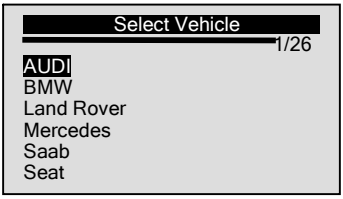
IMPORTANT: This section of the manual offers guides on how to use the tool to reset oil/service light and airbags electronically ONLY. Please power on the unit to view manual reset instructions for those vehicles that need to do the service job manually.

NOTE: All software screens shown in this manual are examples; actual test screens may vary for each vehicle being tested. Observe the menu titles and onscreen instructions to make correct option selections.

5.1Instructions for AUDI/SEAT/SKODA/VW

To perform oil service work on AUDI/SEAT/SKODA/VW:

1. Turn the ignition off.
2. Locate the vehicle's 16-pin Data Link Connector (DLC).
3. Use a proper connector to plug to vehicle's DLC.
4. Turn the ignition on.
5. Press **Y** button from home screen.
6. Use the **UP/DOWN** key to select vehicle make and press **Y** button to confirm

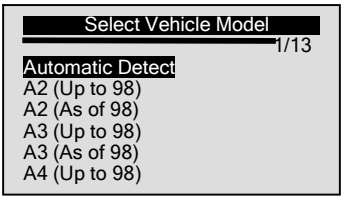


Automatic Vehicle Detect

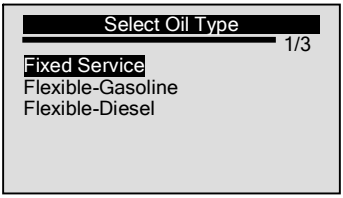
The ***Automatic Detect*** is used to detect vehicle and available functions automatically.

To select vehicle automatically:

1. Use **UP/DOWN** scroll button to select **Automatic Detect**, and press **Y** button.

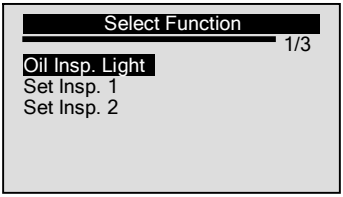


2. Wait a few seconds till the following screen shows.

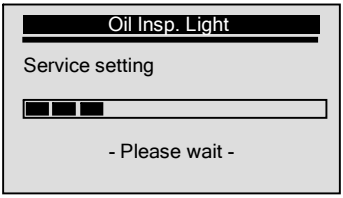


√ If the code reader fails to communicate with the vehicle a "Communication Error!" message displays. Make sure the OBDII connector is securely attached, and the ignition key is on. Turn vehicle key to off for 10 seconds, then on. If problem still exists, contact your local dealer for assistant.

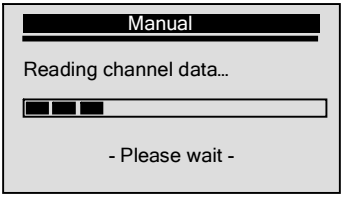
3. Use **UP/DOWN** button to select oil type and press **Y** button.
4. Use **UP/DOWN** button to select a function your vehicle supports and press **Y** button.



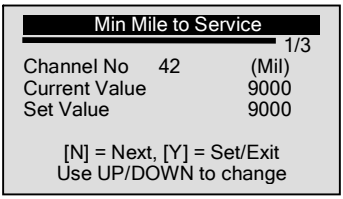
5. Wait a few seconds while the tool is performing service resetting.



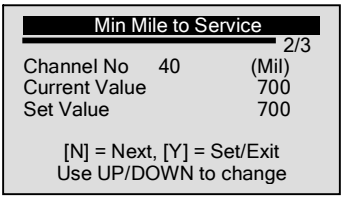
6. A message "RESET OK!" comes up, indicating oil service reset is completed.
7. If the service can not be performed automatically, following screen shows.



8. Wait a few seconds till following screen shows and use **UP/DOWN** button to change val

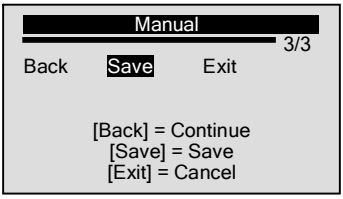


9. Use **N** button to move to next screen.



√ Normally, a vehicle supports 1-5 channels, and channel numbers vary from one vehicle to another.
√ "Current Value" is the value of the most recent setup retrieved by OT90. If you change your mind after making new setups, it can be used to reset all changed values to the original ones. It is advised to write down this value before making any changes.

10. Use **UP/DOWN** button to select Save and press **Y** button to save your settings.



√ To continue setups, use **UP/DOWN** button to select **Back** and press **Y** button to return to continue setup. To cancel all setups without saving, use **UP/DOWN** scroll button to select **Exit** and press **Y** button**,** or simply press **N** button to exit**.**

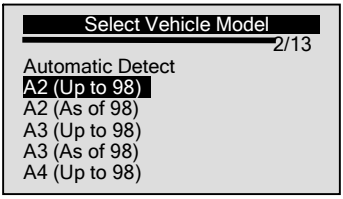
11. Wait a few seconds till the "RESET OK!" message comes up. Press any key to return.

√ If a "COMMUNICATION ERROR!" message shows up on the display, please follow on-screen instructions to troubleshoot it.

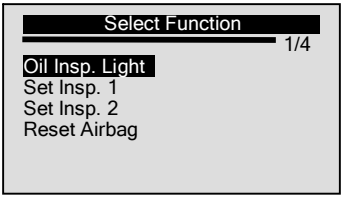
Manual Vehicle Selection

To select vehicle manually:

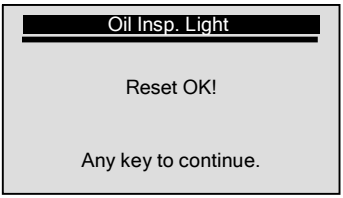
1. Use **UP/DOWN** button to select vehicle model year and press **Y** button.



2. Use **UP/DOWN** button to select the function that your vehicle supports.



3. Depending on setting results, one of the following screen shows:



Reset OK screen



Failed reset screen

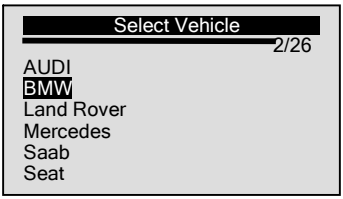
√ When resetting airbags, if a "COMMUNICATION ERROR" message comes up, it indicates airbags can not be reset manually. Please follow on-screen instructions to troubleshoot it.

√ When you have to perform setup manually, refer to step7-12 of **Automatic Vehicle Detect** on page 10-11.

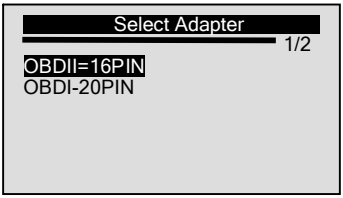
5.2 Instruction for BMW

To perform oil service work on BMW:

1. Turn the ignition off.
2. Locate the vehicle's 16-pin Data Link Connector (DLC).
3. Use a proper connector to plug to vehicle's DLC.
4. Turn the ignition on.
5. Press **Y** button from home screen.
6. Use the **UP/DOWN** key to select vehicle make and press **Y** button to confirm.



7. Use the **UP/DOWN** key to select connector and press **Y** button to confirm

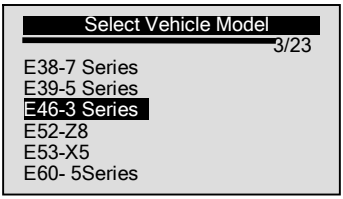


OBDII 16PIN Connector

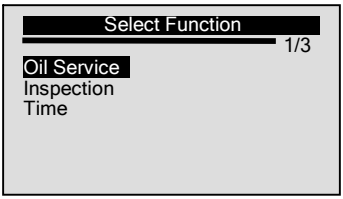
BMW vehicles with OBDII connector have more service functions than those with 20-PIN connector. Below we offer instructions on service reset on E38-7 Series, E39-5 Series, E46-3 Series, E52-Z E70-X5, E85-Z4, R50-Mini, R52-Mini, R53-Mini and R56-Mini models.

To perform oil service functions on above mentioned vehicles:

1. Use the **UP/DOWN** key to select vehicle model and press **Y** button to confirm.



2. Use **UP/DOWN** button to select the function that your vehicle supports.



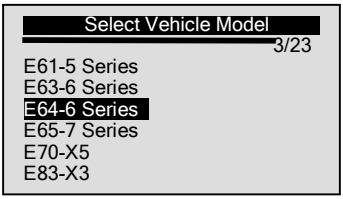
3. Wait a few seconds till a “RESET OK!” message shows on the screen.

√ If a “COMMUNICATION ERROR” message comes up, please follow on-screen instructions to troubleshoot it.

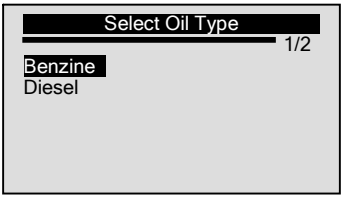
Below we offer operation guide on service setting on E60-5 Series, E61-5 Series, E63-6 Series, E64-6 Series, E65-7 Series, E83-X3, E86-Z4, E87-1 Series, E90-3 Series, E91-3 Series, E92-3 Series, and E93-3 Series models.

To perform oil service functions on above mentioned vehicles:

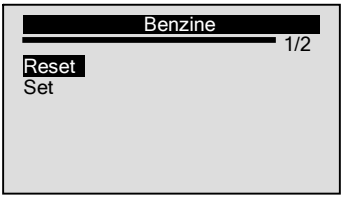
1. Use the **UP/DOWN** key to select vehicle model and press **Y** button to confirm.



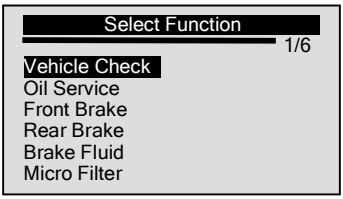
2. Use **UP/DOWN** button to select oil type and press **Y** button to confirm.



3. To complete the service functions automatically, use **UP/DOWN** button to select **Reset** and press **Y** button.



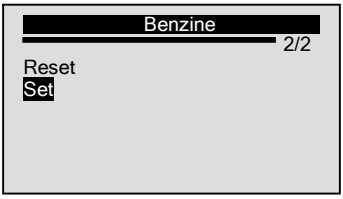
4. Use **UP/DOWN** button to select a function and press **Y** button to confirm.



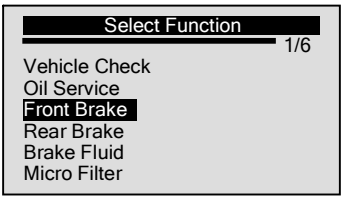
5. Wait a few seconds till a “RESET OK!” message shows on the screen.

√ If a “COMMUNICATION ERROR” message comes up, please follow on-screen instructions to troubleshoot it.

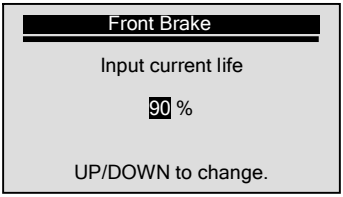
6. To complete the service functions manually, use **UP/DOWN** button to select **Set** and press **Y** button.



7. Use **UP/DOWN** button to select a function and press **Y** button to confirm.



8. Use **UP/DOWN** to change value and press **Y** button to confirm.



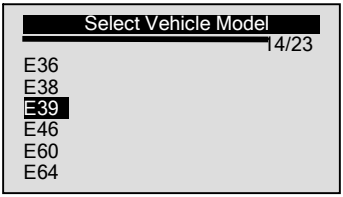
9. Wait a few seconds till a “RESET OK!” message shows on the screen.

√ If a “COMMUNICATION ERROR” message comes up, please follow on-screen instructions to troubleshoot it.

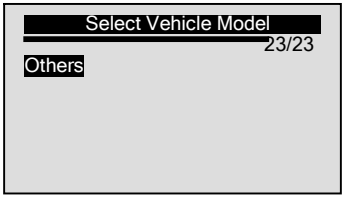
OBDI 20PIN Connector

To perform oil service functions on above mentioned vehicles:

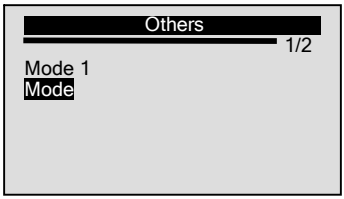
1. Use the **UP/DOWN** key to select vehicle model and press **Y** button to confirm.



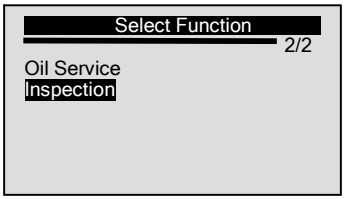
√ If your vehicle is not listed, use **UP/DOWN** key to select **Others** and press **Y** button to confirm.



2. Use **UP/DOWN** scroll button to select a mode, and press **Y** button to confirm.



3. Use **UP/DOWN** button to select the function that your vehicle supports.



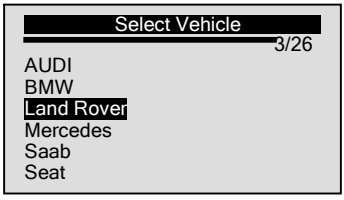
4. Wait a few seconds till a “RESET OK!” message shows on the screen.

√ If a “COMMUNICATION ERROR” message comes up, please follow on-screen instructions to troubleshoot it.

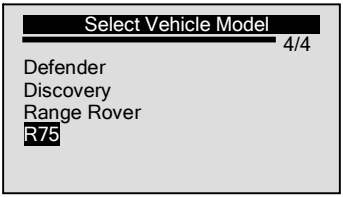
5.3 Instruction for Land Rover

To perform oil service work on Land Rover:

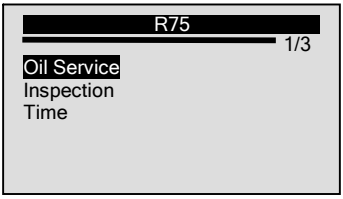
1. Turn the ignition off.
2. Locate the vehicle’s 16-pin Data Link Connector (DLC).
3. Use a proper connector to plug to vehicle’s DLC.
4. Turn the ignition on.
5. Press **Y** button from home screen.
6. Use the **UP/DOWN** key to select vehicle make and press **Y** button to confirm.



7. Use the **UP/DOWN** key to select vehicle model and press **Y** button to confirm.



8. Use **UP/DOWN** button to select the function that your vehicle supports.



NOTE: R75 is the only Land Rover model that requires OT90 to perform the oil service work.

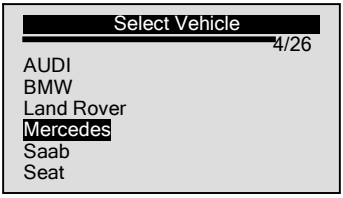
9. Wait a few seconds till a "RESET OK!" message shows on the screen.

√ If a "COMMUNICATION ERROR" message comes up, please follow on-screen instructions to troubleshoot it.

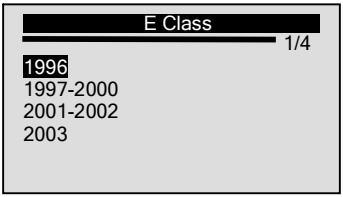
5.4 Instruction for Mercedes

To perform oil service work on Mercedes vehicles:

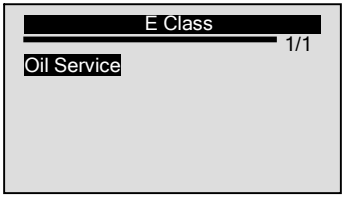
1. Turn the ignition off.
2. Locate the vehicle's 16-pin Data Link Connector (DLC).
3. Use a proper connector to plug to vehicle's DLC.
4. Turn the ignition on.
5. Press **Y** button from home screen.
6. Use the **UP/DOWN** key to select vehicle make and press **Y** button to confirm.



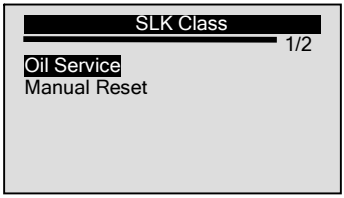
7. Identify the vehicle by using the **UP/DOWN** key and press **Y** button to confirm.



8. Use **UP/DOWN** button to select the function that your vehicle supports.



√ Both automatic and manual set are allowed on some models, and their screen is illustrated as below:



9. Wait a few seconds till a “RESET OK!” message shows on the screen.

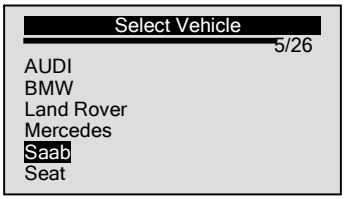
√ If a “COMMUNICATION ERROR” message comes up, please follow on-screen instructions to troubleshoot it.

NOTE: Instrument cluster on some models will turn off power and then turn on power again while resetting the service interval mileage.

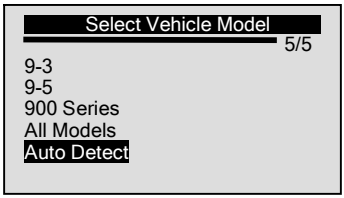
5.5 Instruction for Saab

To perform oil service work on Saab vehicles:

1. Turn the ignition off.
2. Locate the vehicle’s 16-pin Data Link Connector (DLC).
3. Use a proper connector to plug to vehicle’s DLC.
4. Turn the ignition on.
5. Press **Y** button from home screen.
6. Use the **UP/DOWN** key to select vehicle make and press **Y** button to confirm.



7. To detect vehicles that require OT90 to complete oil service functions, use **UP/DOWN** key to select **Auto Detect** and press **Y** button to confirm.



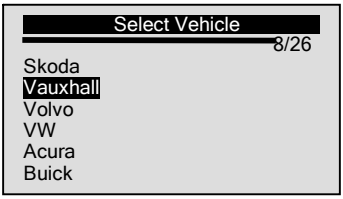
8. Wait a few seconds till a “RESET OK!” message shows on the screen.

√ If a “COMMUNICATION ERROR” message comes up, please follow on-screen instructic troubleshoot it.

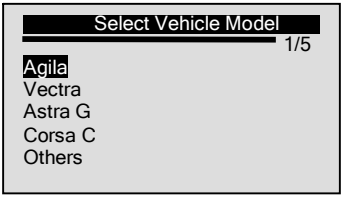
5.6 Instruction for Vauxhall

To perform oil service work on Vauxhall vehicles:

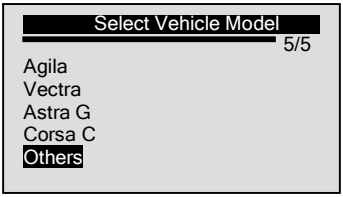
1. Turn the ignition off.
2. Locate the vehicle's 16-pin Data Link Connector (DLC).
3. Use a proper connector to plug to vehicle's DLC.
4. Turn the ignition on.
5. Press **Y** button from home screen.
6. Use the **UP/DOWN** key to select vehicle make and press **Y** button to confirm.



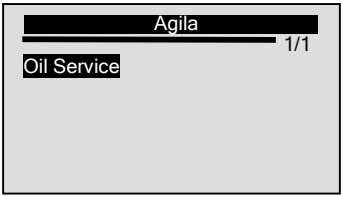
7. Use the **UP/DOWN** key to select vehicle model and press **Y** button to confirm.



√ If your vehicle is not listed, use **UP/DOWN** key to select **Others** and press **Y** button to confirm.



5. Use **UP/DOWN** button to select the function that your vehicle supports.



6. Wait a few seconds till a "RESET OK!" message shows on the screen.

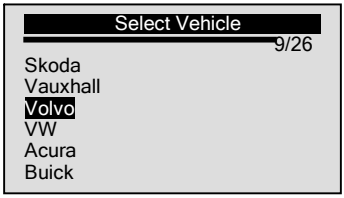
√ If a "COMMUNICATION ERROR" message comes up, please follow on-screen instructions to troubleshoot it.

5.7 Instruction for Volvo

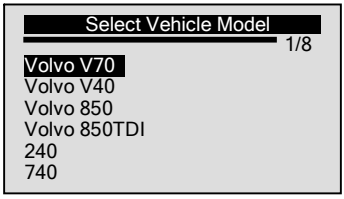
To perform oil service work on Volvo vehicles:

1. Turn the ignition off.
2. Locate the vehicle's 16-pin Data Link Connector (DLC).
3. Use a proper connector to plug to vehicle's DLC.
4. Turn the ignition on.

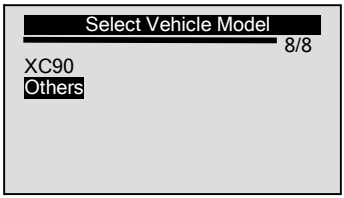
5. Press **Y** button from home screen.
6. Use the **UP/DOWN** key to select vehicle make and press **Y** button to confirm.



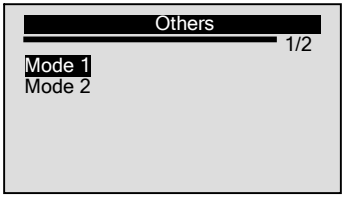
7. Use the **UP/DOWN** key to select vehicle model and press **Y** button to confirm.



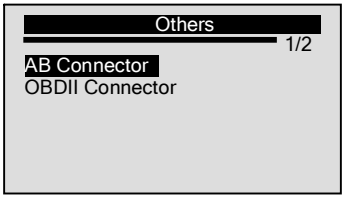
√ If your vehicle is not listed, use **UP/DOWN** key to select **Others** and press **Y** button to confirm.



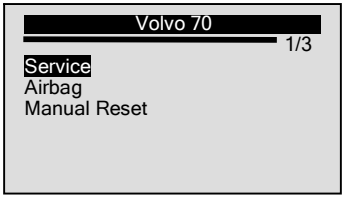
√ Use **UP/DOWN** button to select a mode, and press **Y** button to confirm.



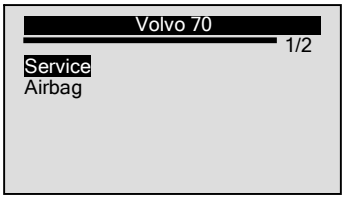
√ Use **UP/DOWN** button to select the connector your car uses, and press **Y** button to confirm.



7. Use **UP/DOWN** button to select the function that your vehicle supports.



√ For vehicles that do not support manual reset, following screen shows:



8. Wait a few seconds till a “RESET OK!” message shows on the screen.

√ If a “COMMUNICATION ERROR” message comes up, please follow on-screen instructions to troubleshoot it.

7. Update

OT90 is able to be updated to keep you stay current with the latest development of diagnosis. The update of OT90 consists of two parts: program upgrade and DTC upgrade.

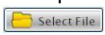
√ To update OT90, you need following tools:
- OT90 EPB Service Tool
- Update Tool FoxLink
- PC or laptop with USB Ports and internet explorer
- USB cable

√ To be able to use update tool, PC or laptop must meet the following minimum requirements:
- Operation System: Win98/NT, Win ME, Win2000, Win XP, VISTA and Windows 7.
- CPU: Intel PIII or better
- RAM: 64MB or better
- Hard Disk Space: 30MB or better
- Display: 800*600 pixel, 16 byte true color display or better
- Internet Explorer 4.0 or newer

IMPORTANT Do not disconnect the code reader from computer, or power off the computer during the process of updating.

To update program:

1. Download the update tool FoxLink and update files from our site www.silverado.com by selecting Home>Updates>OT90 and save the applications and files in computer disk.
2. Unzip the update tool file. Follow instructions on computer screen to install the tool and driver.
3. Double click the 

desktop icon to launch the application and then select OT90.
4. Connect OT90 to computer with the USB cable provided.
5. Start the update application by selecting OT90>Update.
6. Use 

to locate update file downloaded.



7. Click Update to start updating.

To update DTCs:

√ It may takes several minutes to update the DTCs.

1. Use Select File to locate update file downloaded.



2. Press the **UP** key and a "Connecting to PC" message shows on OT90's screen.
3. Click Update to start updating.

8 Function List

No.	Manufacture	Model	Year	Functions
1	Audi	A2		● Reset Oil Inspection Light ● Set Inspection 1 Service Interval ● Set Inspection 2 Service Interval ● Reset Airbag
2	Audi	A100	1991-1994	● Reset Oil Inspection Light ● Set Inspection 1 Service Interval ● Set Inspection 2 Service Interval ● Reset Airbag
3	Audi	A3		● Reset Oil Inspection Light ● Set Inspection 1 Service Interval ● Set Inspection 2 Service Interval ● Reset Airbag
4	Audi	A3 from D06		● Reset Oil Inspection Light ● Set Inspection 1 Service Interval ● Set Inspection 2 Service Interval ● Reset Airbag
5	Audi	A4	1996-1997	● Reset Oil Inspection Light ● Set Inspection 1 Service Interval ● Set Inspection 2 Service Interval ● Reset Airbag
6	Audi	A4	1998-2004	● Reset Oil Inspection Light ● Set Inspection 1 Service Interval ● Set Inspection 2 Service Interval ● Reset Airbag
7	Audi	A4 with D00/1		● Reset Oil Inspection Light ● Set Inspection 1 Service Interval ● Set Inspection 2 Service Interval ● Reset Airbag
8	Audi	A6	1995-1997	● Reset Oil Inspection Light ● Set Inspection 1 Service Interval ● Set Inspection 2 Service Interval ● Reset Airbag
9	Audi	A6	1998-2004	● Reset Oil Inspection Light ● Set Inspection 1 Servic ● Set Inspection 2 Servic ● Reset Airbag

10	Audi	A6 with D00/1		● Reset Oil Inspection Light ● Set Inspection 1 Service Interval ● Set Inspection 2 Service Interval ● Reset Airbag
11	Audi	A8	1997-2005	● Reset Oil Inspection Light ● Set Inspection 1 Service Interval ● Set Inspection 2 Service Interval ● Reset Airbag
12	Audi	A8 until D07	1997-2005	● Reset Oil Inspection Light ● Set Inspection 1 Service Interval ● Set Inspection 2 Service Interval ● Reset Airbag
13	Audi	TT	2000-2004	● Reset Oil Inspection Light ● Reset Airbag
13	BMW	E36 (OBDI)	1996-2003	● Reset Oil Service Light ● Set Inspection Mileage
14	BMW	E38 (OBDI)	1988-2001	● Reset Oil Service Light ● Set Inspection Mileage
15	BMW	E39 (OBDI)	1988-2000	● Reset Oil Service Light ● Set Inspection Mileage
16	BMW	E46 (OBDI)		● Reset Oil Service Light ● Set Inspection Mileage
17	BMW	Others (OBDI)	1991-1997	● Reset Oil Service Light ● Set Inspection Mileage
18	BMW	E38-7 Series (OBDII)		● Reset Oil Service Light ● Set Inspection Mileage ● Time
19	BMW	E39-5 Series (OBDII)		● Reset Oil Service Light ● Set Inspection Mileage ● Time
20	BMW	E46-3 Series (OBDII)		● Reset Oil Service Light ● Set Inspection Mileage ● Time
21	BMW	E52-Z8 (OBDII)		● Reset Oil Service Light ● Set Inspection Mileage ● Time
22	BMW	E53-X5 (OBDII)		● Reset Oil Service Light ● Set Inspection Mileage ● Time
23	BMW	E60-5 Series (OBDII)		● Vehicle Check ● Oil Service ● Front Brake ● Rear Brake ● Brake Fluid ● Micro Filter ● Spark Plus
24	BMW	E61-5 Series (OBDII)		● Vehicle Check ● Oil Service ● Front Brake ● Rear Brake ● Brake Fluid ● Micro Filter ● Spark Plus

25	BMW	E63-6 Series (OBDII)		● Vehicle Check ● Oil Service ● Front Brake ● Rear Brake ● Brake Fluid ● Micro Filter ● Spark Plus
26	BMW	E64-6 Series (OBDII)		● Vehicle Check ● Oil Service ● Front Brake ● Rear Brake ● Brake Fluid ● Micro Filter ● Spark Plus
27	BMW	E65-7 Series (OBDII)		● Vehicle Check ● Oil Service ● Front Brake ● Rear Brake ● Brake Fluid ● Micro Filter ● Spark Plus
28	BMW	E70-X5 (OBDII)		● Vehicle Check ● Oil Service ● Front Brake ● Rear Brake ● Brake Fluid ● Micro Filter ● Spark Plus
29	BMW	E80-X3 (OBDII)		● Vehicle Check ● Oil Service ● Front Brake ● Rear Brake ● Brake Fluid ● Micro Filter ● Spark Plus
30	BMW	E85-Z4 (OBDII)		● Reset Oil Service Light ● Set Inspection Mileage ● Time
31	BMW	E86-Z4 (OBDII)		● Vehicle Check ● Oil Service ● Front Brake ● Rear Brake ● Brake Fluid ● Micro Filter ● Spark Plus
32	BMW	E87-1 Series (OBDII)		● Vehicle Check ● Oil Service ● Front Brake ● Rear Brake ● Brake Fluid ● Micro Filter ● Spark Plus

33	BMW	E90-3 Series (OBDII)		● Vehicle Check ● Oil Service ● Front Brake ● Rear Brake ● Brake Fluid ● Micro Filter ● Spark Plus
34	BMW	E91-3 Series (OBDII)		● Vehicle Check ● Oil Service ● Front Brake ● Rear Brake ● Brake Fluid ● Micro Filter ● Spark Plus
35	BMW	E92-3 Series (OBDII)		● Vehicle Check ● Oil Service ● Front Brake ● Rear Brake ● Brake Fluid ● Micro Filter ● Spark Plus
36	BMW	E93-3 Series (OBDII)		● Vehicle Check ● Oil Service ● Front Brake ● Rear Brake ● Brake Fluid ● Micro Filter ● Spark Plus
37	BMW	R50-Mini		● Reset Oil Service Light ● Set Inspection Mileage ● Time
38	BMW	R52-Mini		● Reset Oil Service Light ● Set Inspection Mileage ● Time
39	BMW	R53-Mini		● Reset Oil Service Light ● Set Inspection Mileage ● Time
40	BMW	R56-Mini		● Reset Oil Service Light ● Set Inspection Mileage ● Time
41	Land Rover	R57		● Reset Oil Service Light ● Set Inspection Mileage ● Time
42	Mercedes	A Class		● Reset Oil Service Light
43	Mercedes	C Class	1997-2000	● Reset Oil Service Light
44	Mercedes	E class	1996-2002	● Reset Oil Service Light
45	Mercedes	SLK class	1996-2001	● Reset Oil Service Light
46	Mercedes	CLK class	1997-2003	● Reset Oil Service Light ● Reset Airbag
47	Mercedes	Sprinter		● Reset Oil Service Light
48	Mercedes	Others	1997-2002	● Reset Oil Service Light
49	Saab	9-3	2005	
50	Saab	9-5	2005	

51	Saab	900 Series	1994-1998	
52	Saab	All Models	1999-2002	
53	Seat	Alhambra		● Reset Oil Inspection Light ● Set Inspection 1 Service Interval ● Set Inspection 2 Service Interval ● Reset Airbag
54	Seat	Alhambra 98		● Reset Oil Inspection Light ● Set Inspection 1 Service Interval ● Set Inspection 2 Service Interval ● Reset Airbag
55	Seat	Arosa		● Reset Oil Service Light ● Reset Airbag
56	Seat	Leon		● Reset Oil Service Light ● Reset Airbag
57	Seat	Toledo		● Reset Oil Service Light ● Reset Airbag
58	Skoda	Fabia		● Reset Oil Inspection Light ● Set Inspection 1 Service Interval ● Set Inspection 2 Service Interval ● Reset Airbag
59	Skoda	Octavia		● Reset Oil Inspection Light ● Set Inspection 1 Service Interval ● Set Inspection 2 Service Interval ● Reset Airbag
60	Skoda	Octavia 98		● Reset Oil Inspection Light ● Set Inspection 1 Service Interval ● Set Inspection 2 Service Interval ● Reset Airbag
61	Vauxhall	Agila		● Reset Oil Inspection Light
62	Vauxhall	Vectra		● Reset Oil Inspection Light
63	Vauxhall	Astra G		● Reset Oil Inspection Light
64	Vauxhall	Corsa C		● Reset Oil Inspection Light
65	Volvo	V70	1998	● Reset Oil Service Light ● Reset Airbag
66	Volvo	V40		● Reset Oil Service Light ● Reset Airbag
67	Volvo	850	1996-1997	● Reset Oil Service Light ● Reset Airbag
68	Volvo	850 TDI		● Reset Oil Service Light ● Reset Airbag
69	VW	Golf 3	1993-1999	● Reset Oil Inspection Light ● Set Inspection 1 Service Interval ● Set Inspection 2 Service Interval ● Reset Airbag
70	VW	Golf 4	1993-1999	● Reset Oil Inspection Light ● Set Inspection 1 Service Interval ● Set Inspection 2 Service Interval ● Reset Airbag
71	VW	New Beetle	1998-2001	● Reset Oil Inspection Light ● Set Inspection 1 Servic ● Set Inspection 2 Servic ● Reset Airbag

72	VW	Passat	1991-2001	● Reset Oil Inspection Light ● Set Inspection 1 Service Interval ● Set Inspection 2 Service Interval ● Reset Airbag
73	VW	Passat B5		● Reset Oil Inspection Light ● Set Inspection 1 Service Interval ● Set Inspection 2 Service Interval ● Reset Airbag
74	VW	Passat 97	1991-2001	● Reset Oil Inspection Light ● Set Inspection 1 Service Interval ● Set Inspection 2 Service Interval ● Reset Airbag
75	VW	Polo 98		● Reset Oil Inspection Light ● Set Inspection 1 Service Interval ● Set Inspection 2 Service Interval ● Reset Airbag
76	VW	Sharan		● Reset Oil Inspection Light ● Set Inspection 1 Service Interval ● Set Inspection 2 Service Interval ● Reset Airbag
77	VW	Sharan 98		● Reset Oil Inspection Light ● Set Inspection 1 Service Interval ● Set Inspection 2 Service Interval ● Reset Airbag
78	VW	Lupo	2001-2003	● Reset Oil Inspection Light ● Set Inspection 1 Service Interval ● Set Inspection 2 Service Interval ● Reset Airbag
79	VW	Bora	2004-2005	● Reset Oil Inspection Light ● Set Inspection 1 Service Interval ● Set Inspection 2 Service Interval ● Reset Airbag
80	VW	Transporter T4	2001-2004	● Reset Oil Inspection Light ● Set Inspection 1 Service Interval ● Set Inspection 2 Service Interval ● Reset Airbag
81	VW	Eurovan	1999-2001	Auto detect
82	VW	Jetta	1993-1999	Auto detect
83	Acura	3.2TL	2005	
84	Acura		1997-1998	
85	Acura	3.5RL	1999-2003	
86	Acura		1986-1990	
87	Acura	CL	1994-2001	
88	Acura	Integra	1986-1990	
89	Acura		1996-2000	
90	Acura		2001-2005	
91	Acura	Legend	2003-2005	
92	Acura	MDX	1997-1998	
93	Acura	RL	1999-2000	
94	Acura	RSX	2004-2005	

95	Acura	TL	1997-1998	
96	Acura		1999-2000	
97	Buick	Century	2005	
98	Buick		1991-1993	
99	Buick		1994-1995	
100	Buick	Lacrosse	1996-1997	
101	Buick	Lesabre	1991-2005	
102	Buick	Park Avenue	1997-2005	
103	Buick	Rainier	2000	
104	Buick	Regal	1995-1997	
105	Buick		1998	
106	Buick		2001-2005	
107	Buick	Rendezvous	1999	
108	Buick	Riviera	1994-1996	
109	Buick		2005	
110	Buick	Roadmaster	1989-1993	
111	Buick		2003-2005	
112	Buick	Terraza	1991-1992	
113	Cadillac	Aliante	1993	
114	Cadillac	CTS	1994-1996	
115	Cadillac	Deville	1989-2005	
116	Cadillac	Eldorado	1997-2005	
117	Cadillac		1991-1993	
118	Cadillac	Escalade	1994-1996	
119	Cadillac	Fleetwood	1989-1996	
120	Cadillac	Seville	1997-2005	
121	Cadillac	SRX	2005	
122	Cadillac	STS	1999-2002	
123	Cadillac	XLR	1994-1996	
124	Chevrolet	Camaro	2005	
125	Chevrolet	Caprice	1982-1996	
126	Chevrolet	Cobalt	1997-2000	
127	Chevrolet	Corvette	2000-2005	
128	Chevrolet		1995-1996	
129	Chevrolet	Equinox	2001-2003	
130	Chevrolet	Impala	2004-2005	
131	Chevrolet		1996-1998	
132	Chevrolet	Lumina	1999-2000	
133	Chevrolet		2004-2005	

134	Chevrolet		1996	
135	Chevrolet	Malibu	1997-1998	
136	Chevrolet	Monte Carlo	1999-2005	
137	Chevrolet	SSR	1999-2000	
138	Chevrolet	Venture	2001-2005	
139	Chevrolet	Venture/Uplander	2004	
140	Chevrolet/GMC	Series C-K	2005	
141	Chevrolet/GMC		2003	
142	Chevrolet/GMC	Colorado/Canyon	2002-2005	
143	Chevrolet/GMC	Express/Savana Vans	2005	
145	Chevrolet/GMC		1994-1996	
146	Chevrolet/GMC	Trailblazer/Envoy	1997-1998	
147	Chevrolet/GMC		1999-2001	
148	Chrysler	Intrepid/Vision	2002-2005	
149	Chrysler	Crossfire	2001-2005	
150	Chrysler	Sprinter	1998-2002	
160	Chrysler	Caravan	2003-2005	
161	Ford/Mercury/Lincon	Explorer/Mountaineer	1997-2005	
162	Ford/Mercury/Lincon	Freestyle	1999	
163	Ford/Mercury/Lincon	LS	2000-2003	
164	Ford/Mercury/Lincon	Windstar	1982-1991	
165	Honda	Accord	1992-2005	
166	Honda	Civic	2001-2005	
167	Honda		1997-1999	
168	Honda	CRV	1984-1990	
169	Honda		2000-2005	
170	Honda	CRX	1997-1999	
171	Honda	Element	2000-2004	
172	Honda	Insight	2005	
173	Honda	Odyssey	2003-2005	
174	Honda		1982-1989	
175	Honda		1997-1999	
176	Honda	Pilot	2000-2002	
177	Honda	Prelude	2000-2005	
178	Honda		2003-2005	
179	Honda		1998-1999	
180	Honda	S2000		

181	Isuzu	Ascender	1993-1994	
182	Isuzu	Oasis	1996	
183	Isuzu	Other models	1997-1998	
184	Jeep	Grand Cherokee	1999-2005	
185	Nissan	350Z	2000-2003	
186	Nissan	Other models	2004	
187	Oldsmobile	Alero	1995-1998	
188	Oldsmobile	Aurora	1999	
189	Oldsmobile		2001-2004	
190	Oldsmobile		1982-1991	
191	Oldsmobile	Bravada	1982-1991	
192	Oldsmobile	Calais	1991-1996	
193	Oldsmobile	Custom Cruiser	1996	
194	Oldsmobile	Cutlass	1997	
195	Oldsmobile	Cutlass Ciera	1982-1991	
196	Oldsmobile	Cutlass Supreme	1992-1995	
197	Oldsmobile	Delta 88	1996-1998	
198	Oldsmobile	Eighty-Eight	1998-1999	
199	Oldsmobile		1982-1988	
200	Oldsmobile	Firenza	2000-2002	
201	Oldsmobile	Intrigue	1997-1998	
202	Oldsmobile		1982-1991	
203	Oldsmobile	LSS	1992-1993	
204	Oldsmobile		1994-1995	
205	Oldsmobile	Ninety-Eight	1996-1997	
206	Oldsmobile		1982-1984	
207	Oldsmobile		2000	
208	Oldsmobile	Omega	2001-2004	
209	Oldsmobile	Regency	1986-1988	
210	Oldsmobile	Silhouette	1989-1990	
211	Oldsmobile	Toronado	1991-1992	
212	Oldsmobile		1985-1991	
213	Oldsmobile		2001-2005	
214	Oldsmobile		1985-1995	
215	Pontiac	600	1996-1997	
216	Pontiac	Aztek	1998	
217	Pontiac	Bonneville	1998-2005	
218	Pontiac	Firebird	1999-2003	

219	Pontiac	G6	2004-2005	
220	Pontiac	Grand AM	1996-1998	
221	Pontiac	Grand Prix	1999-2005	
222	Pontiac	GTO	2003-2005	
223	Pontiac	Montana	2000-2005	
224	Saturn	ION	2005	
225	Saturn	L-Series	2000-2003	
226	Saturn	Relay	2004-2005	
227	Saturn	S-Series	2004-2005	
228	Saturn	VEU	2004-2005	
229	Scion	Scion	2004	
230	Toyota/Lexus	Avalon	2004-2005	
231	Toyota/Lexus	Camry	2005	
232	Toyota/Lexus	Corolla	2004	
233	Toyota/Lexus	ES330	2004-2005	
234	Toyota/Lexus	GX470	2004-2005	
235	Toyota/Lexus	Highlander	2003-2005	
236	Toyota/Lexus	IS330	2005	
237	Toyota/Lexus	Land Cruiser	2004-2005	
238	Toyota/Lexus	LX470	2004	
239	Toyota/Lexus	Matrix	2005	
240	Toyota/Lexus	Prius	2004	
241	Toyota/Lexus	RAV4	2004-2005	
242	Toyota/Lexus	RX330	2004-2005	
243	Toyota/Lexus	Sequoia	2004	
244	Toyota/Lexus	Sienna	2004-2005	
245	Toyota/Lexus	Solara	2005	
246	Toyota/Lexus	Tacoma		
247	Toyota/Lexus	Tundra		