Nissan Enhanced OBD II
User Guide

Warnings

The exclamation point within the triangle is a warning sign alerting you of important instructions accompanying the product. Please observe all warnings.

Do not operate the vehicle indoors. A running engine produces lethal carbon monoxide exhaust fumes that can seriously harm or kill you if inhaled. Only run the vehicle motor outdoors with proper ventilation. Many scan tool operations do not require a running motor.

Do not attempt to operate or observe the scan tool while driving a vehicle. Driving requires the full attention of the driver. Operating or observing the scan tool will cause driver distraction and could cause a fatal accident.

Ensure the PC, cable, and OBD II adapter do not interfere with the vehicle controls. A cable dangling in front of the foot pedals, gear shifter, or steering wheel can interfere with vehicle operation and cause a fatal accident. Always ensure the PC, cable, and OBD II adapter are securely fastened out of the way. If the scan tool and PC cannot be safely attached as to not interfere with the vehicle controls, then do not drive the vehicle with the OBD II adapter connected to the vehicle.

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The "Product" is the complete Dyno-Scan for Windows product including hardware, software, user manual, and packaging.

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Preface

Congratulations on your purchase of an Auterra's Nissan Enhanced OBD II software package. Please take time to read through these operating instructions and become familiar with the operating procedure.

The Nissan Enhanced OBD II software is included with the Dyno-Scan™ for Windows software. A unique Nissan Enhanced Product Key is purchased to unlock the features.

The enhanced upgrade works on 2000 and newer Nissan and Infiniti vehicles[1].

The enhanced software allows you to:

- Read enhanced diagnostic trouble codes (DTCs) from systems like ABS and airbag

- Display enhanced DTC definitions from Body and Chassis systems

- Turn off the ABS and airbag light

Supported Subsystems

The Nissan Enhanced package supports these vehicle subsystems:

- ECM (Engine Control Module)

- ATCU / TCM (Transmission)

- ABS (Antilock Brake System)

- Airbag / SRS (Supplemental Restraint System)

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[1] DDL1 systems on 1996 to 1999 vehicles are not supported. Some 2000 and 2001 vehicles also use DDL1 for ABS and TCM controllers.

Requirements

To use the S-202 Nissan Enhanced OBD II software package you must have one of these scan tool kits:

- A-302 Dyno-Scan for Windows CAN USB
- A-301 Dyno-Scan for Windows CAN
- A-101 Dyno-Scan for Windows
- A-500 DashDyno SPD
- A-501 DashDyno SPD ProPack

The following Auterra software is required:

- Dyno-Scan for Windows 8.0.3 or higher

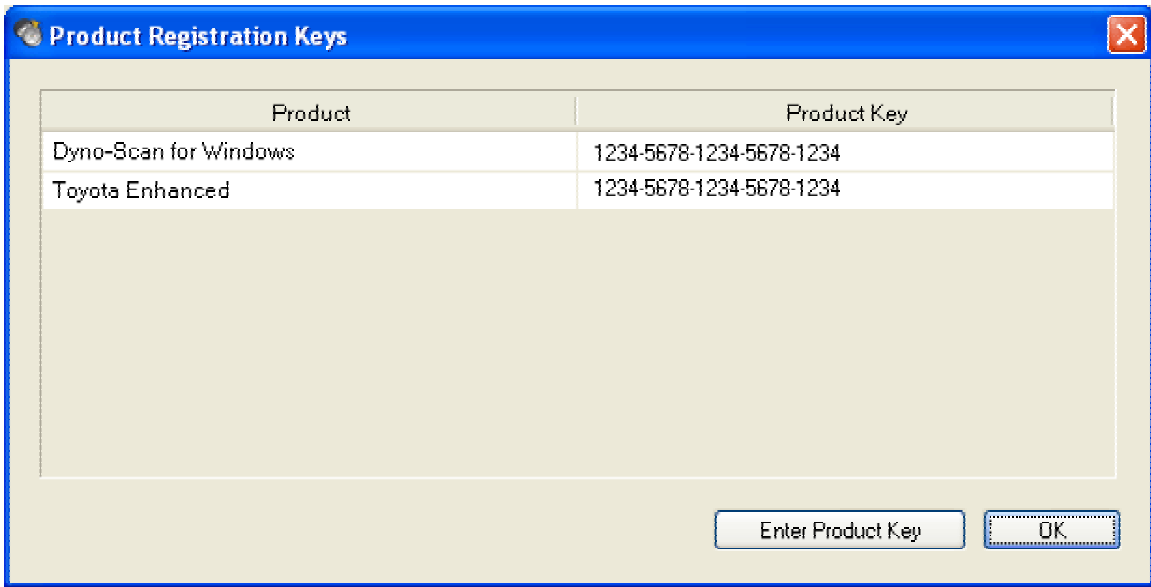Check the Dyno-Scan for Windows version in the Help > About Dyno-Scan…

If you have an older version of the Auterra Dyno-Scan for Windows software, just download the latest software from our web site Downloads page.

www.auterraweb.com/downloads.html

Installation

The Nissan Enhanced OBD II software is already part of the version 8.0.3 or higher Dyno-Scan for Windows software. There is no CD ROM to be shipped – only a Product Key to unlock the features within the software.

1   Purchase the S-202 Nissan Enhanced OBD II software from the Auterra web site. You will also need to purchase any Dyno-Scan for Windows or DashDyno scan tool kit unless you already own one.

2   Email the following information to Auterra at: support@auterraweb.com

- Your 4-digit order number used to purchase the S-202 Nissan Enhanced software. The order number is emailed to you after placing an order on our web site.

- Your existing Dyno-Scan for Windows Product Key.

- Your complete name and mailing address.

3   Auterra Support will respond to your email with a Nissan Enhanced Product Key. **Please keep this key in a safe place and do not lose it.**

4   Start the Dyno-Scan for Windows software.

5   Go to the Help > Product Registration Keys… menu option.

6   Press the Enter Product Key button and enter the Nissan Enhanced Product Key.

Product Registration Keys

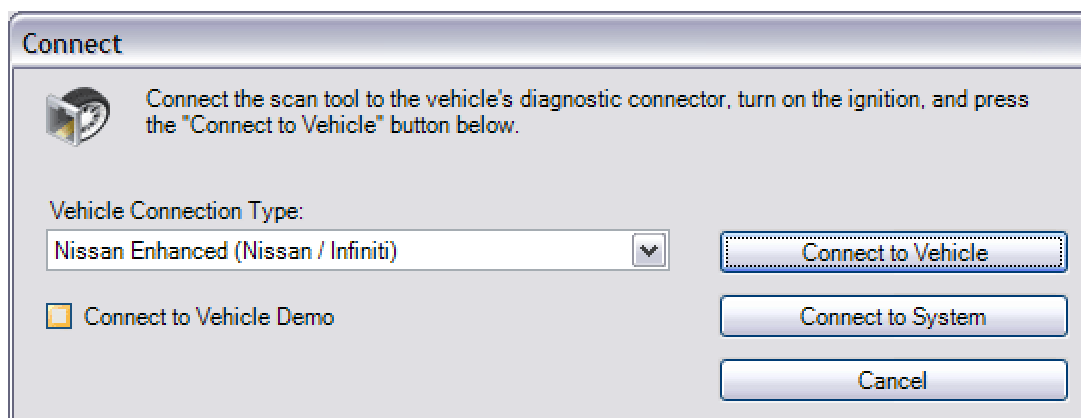| Product	Product Key
Dyno-Scan for Windows	1234-5678-1234-5678-1234
Toyota Enhanced	1234-5678-1234-5678-1234

[Enter Product Key] [OK]

7   Congratulations! Your Nissan Enhanced software is now ready for use.
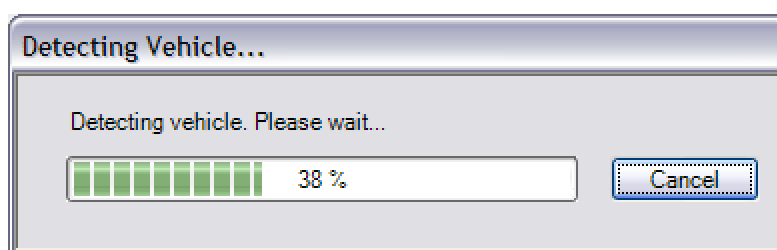
Using Nissan Enhanced Software

Using your Nissan Enhanced OBD II software is easy, and this section shows you how.
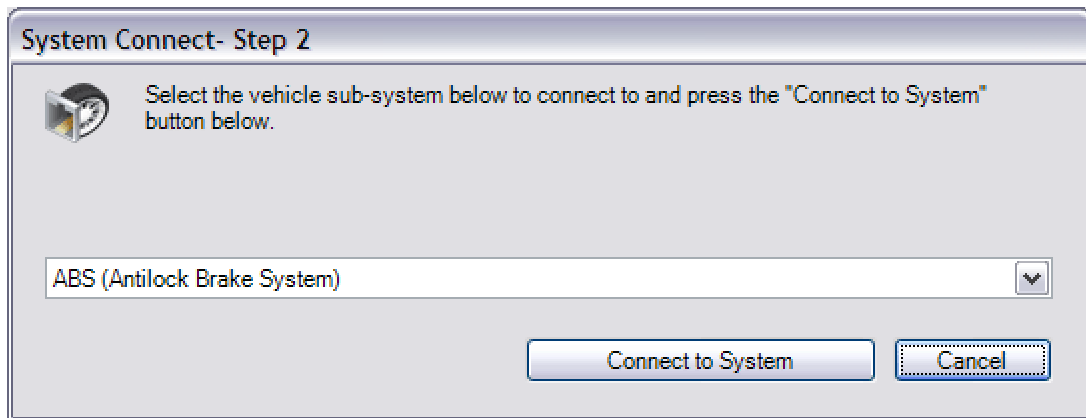
Connecting to Vehicle

When connecting to a vehicle, the Connect dialog's Vehicle Connection Type dropdown will show a "Nissan Enhanced (Nissan / Infiniti)" menu option. Select this option and press the "Connect to Vehicle" button.

The software will now detect the systems available on the vehicle.

After the vehicle is detected, select the system to connect to and press the "Connect to System" button.
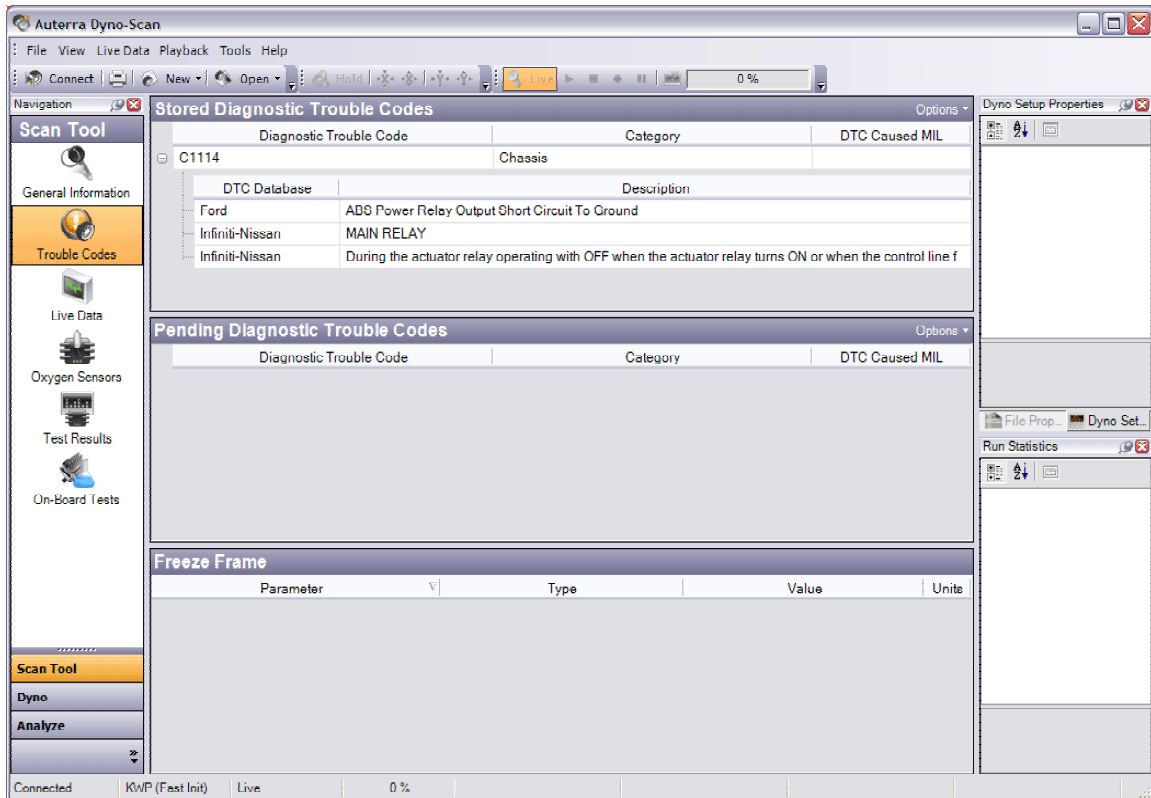
System Connect- Step 2

Select the vehicle sub-system below to connect to and press the "Connect to System" button below.

ABS (Antilock Brake System)

Connect to System | Cancel

You are now connected to the selected Nissan Enhanced system.

Once connected to the vehicle, you can switch systems quickly.

1 Select File > Connect.

2 Press the "Connect to System" button. This button is only available after the vehicle has been successfully detected.

3 On the "System Connect – Step 2" dialog, select the system and press "Connect to System".

Trouble Codes

The Stored Diagnostic Trouble Codes pane will show any DTCs stored on the enhanced system.

Clearing Trouble Codes

Select the Tools > Clear DTCs menu option to clear codes and turn off any dashboard light (e.g. ABS or airbag). Clear DTCs will only clear codes for the currently connected enhanced system.

Please note the following when clearing DTCs:

1 Some vehicles require the ignition key to be turned off then on again before the code is cleared.

2 Some codes cannot be cleared while the vehicle is running.

3 The dashboard light and diagnostic trouble code may not be clearable until the system repair has been completed.