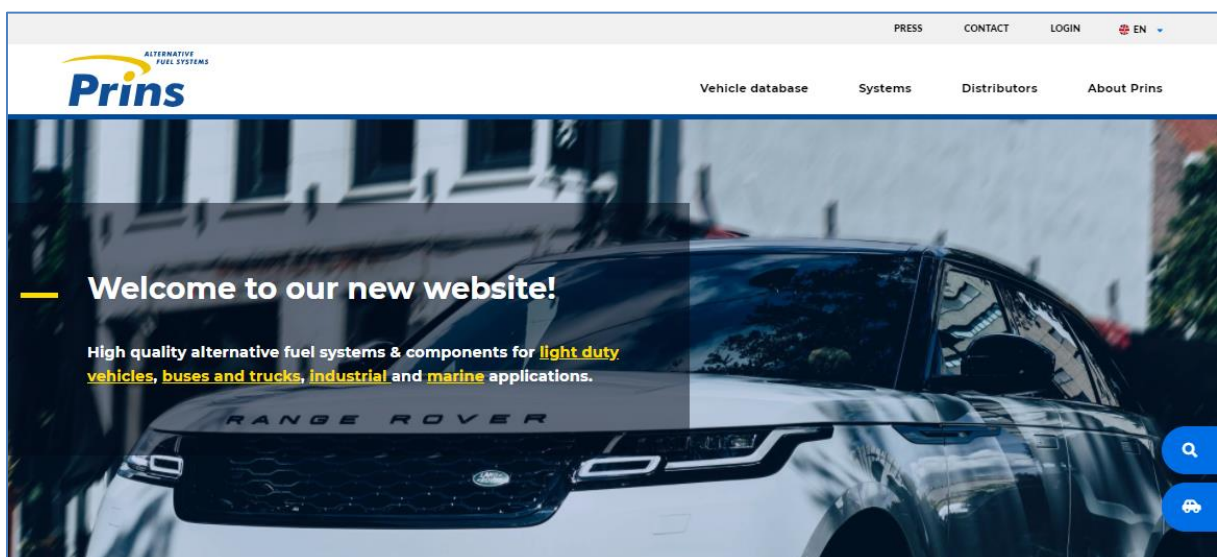
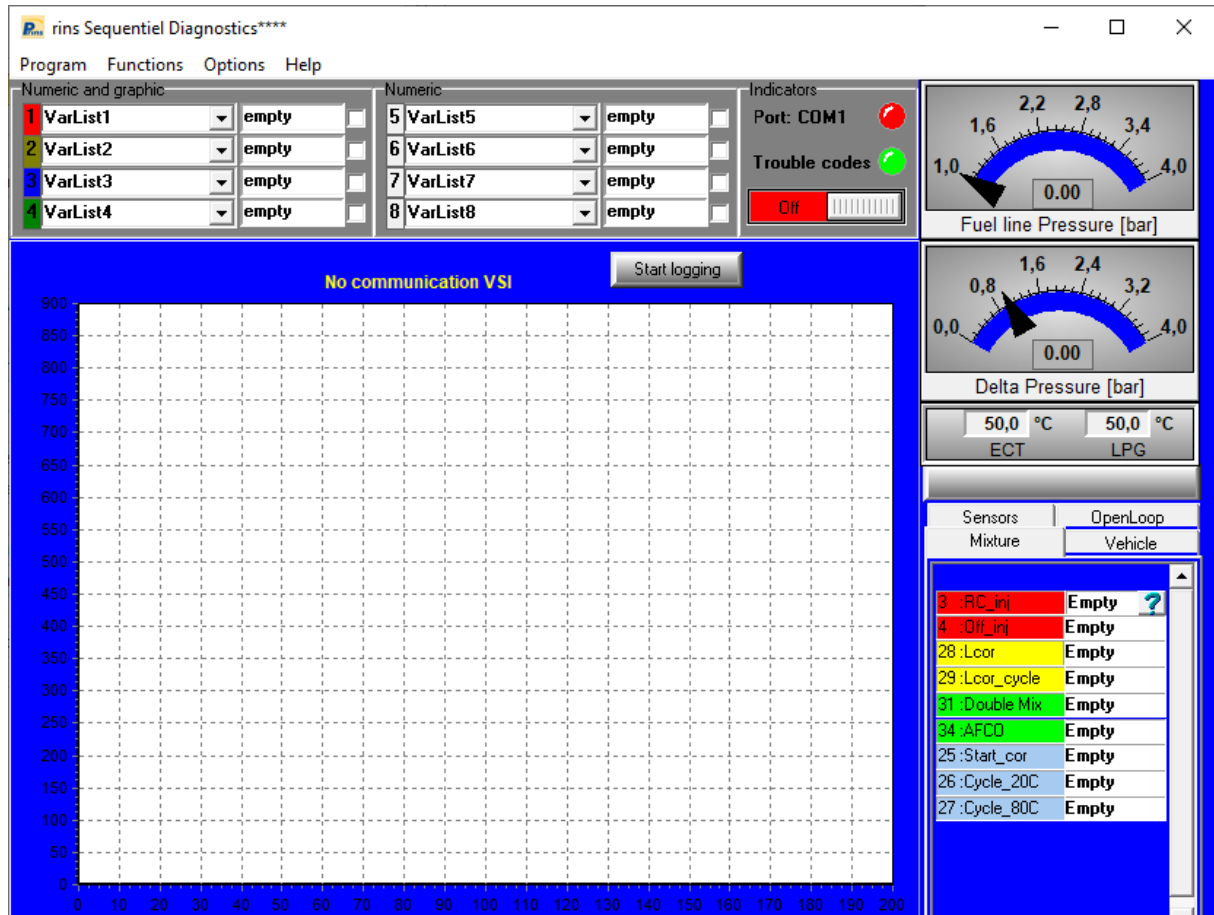


INSTALLATION MANUAL

VSI DIAGNOSTIC D2.8



1 Table of contents

1	TABLE OF CONTENTS	2
2	GENERAL	3
2.1	System requirements	3
2.2	Introduction	3
2.3	Abbreviations / terms:	3
3	VSI PRINS VSI DIAGNOSTIC D2.8 SOFTWARE INSTALLATION	4
3.1	Login Prins website	4
3.2	Activate web account.....	4
3.3	Download.....	5
3.4	Installation.....	5
3.5	First start-up and activation	6
3.6	Software License.....	7
3.7	Run the Prins VSI diagnostic D2.8 software	8
3.8	Operation of Prins VSI diagnostic D2.8 software	9

2 General

2.1 System requirements

Operating system:	Windows 7 / Windows 10
Screen:	<u>1024 x 768</u>
USB port:	USB port / COM Port
Rights:	Administrator rights
Internet connection:	WLAN or SIM card



Important note for Windows XP and Vista

Support for Windows XP and Vista ended by Microsoft. Therefore Prins cannot guarantee that Prins AFC v2 Software will work flawlessly on Windows XP and Windows Vista. Use Windows 7 or a more recent operating system. Prins guarantees system support for Windows 7 and Windows 10.





2.2 Introduction

The VSI DIAGNOSTIC D2.8 is a Windows-based software program and is a multipurpose software tool for the Prins VSI-1. The software allows the user to diagnose, calibrate and update the ECM VSI.

A Prins Diagnostic Tool (PDT) is needed to communicate with the ECM VSI.

For general information about Prins Autogasystemen you can visit the following internet site: <https://www.prinsautogas.com>

2.3 Abbreviations / terms:

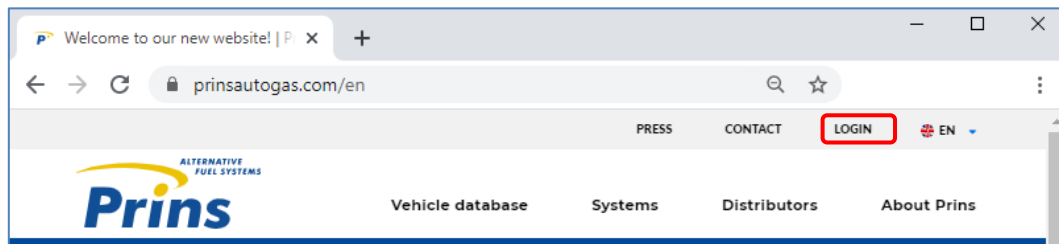
	VSI diagnostic D2.8	
PDT	Prins Diagnostic Tool (serial interface)	
ECM VSI	Electronic Control Module = VSI computer	
PC / Laptop	Personal Computer	

3 VSI Prins VSI diagnostic D2.8 software installation

3.1 Login Prins website

Order a username and password for the Prins website at your importer or local distributor.

Log in on the Prins website to download the software.

A screenshot of the Prins login page. It features a welcome message and instructions for new users. There are two input fields: 'USERNAME OR E-MAIL *' containing 'Prinsdealer@autogas.com' and 'PASSWORD *' with masked characters. A 'Forgot your Password?' link is present. At the bottom, a 'LOG IN' button is highlighted with a red rectangle.

When you do not remember your password, select **"Forgot your password?"** to reset your password.

You will receive an e-mail with the procedure to reset the password.

3.2 Activate web account

Follow the instructions written in the e-mail you received from Prins.

3.3 Download

Select and download the required software in **Support – Software**.
Scroll down to the VSI-1 Diagnostic Software D2.8 section

Prins ALTERNATIEF POOL SYSTEMS

PRESS CONTACT LOGOUT 5060

Vehicle database Systems Distributors About

Software

On this page you find all needed diagnostic software and software utilities.

Please be aware that having the latest version of the Prins diagnostic program is very important to have access to the latest software versions and having bugs fixed.
Stay updated!

VSI-1 Diagnostic Software D2.8.3.1

In this section you can download the Prins VSI-1 Diagnostic Program D2.8.3.1.

VSI-1 DIAGNOSTIC PROGRAM

REGISTRATION MANUAL VSI-1 DIAGNOSTIC SOFTWARE

Support

Support Center

Warranty Portal

Software

AFC History

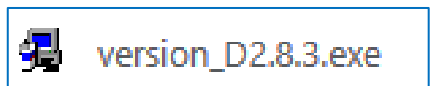
Knowledge Base

Black Board

URL: <https://www.prinsautogas.com/en/software>

3.4 Installation

Open the file Version_D2.83.exe. Confirm and select Yes during all steps of the installation.

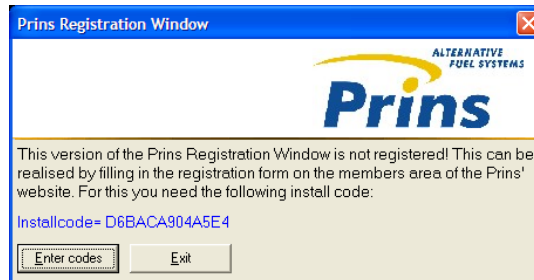


3.5 First start-up and activation

1. At first start-up, an "Install Code" is displayed.

This is unique for every computer; the code will not be the same in your case. When reference is made to this code, you should replace the code with the code displayed on your screen.

Registration via the Prins Website is not possible yet.



2. **Copy the Installcode**

Installcode= D6BACA904A5E4

3. Send a **mail** with the **Install code & Your Username** to your **importer / local distributor**.

Username & Installcode



4. **Your importer / local distributor** will **send** the codes to Prins via the **Prins Support Center**

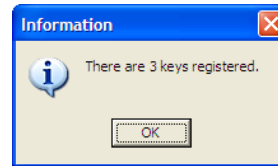
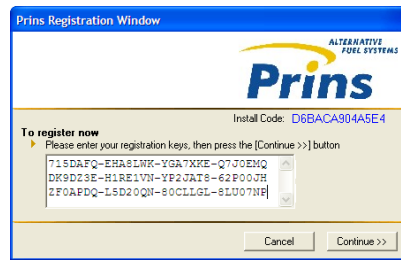


5. You receive the activation codes from your contact person.

715DAFQ-EH88LWK-YGA7XKE-Q7JOEMQ
DK9DZ3E-H1RE1VN-YP2JAT8-62P00JH
ZF0APDQ-L5D20QN-80CLLGL-8LU07NE



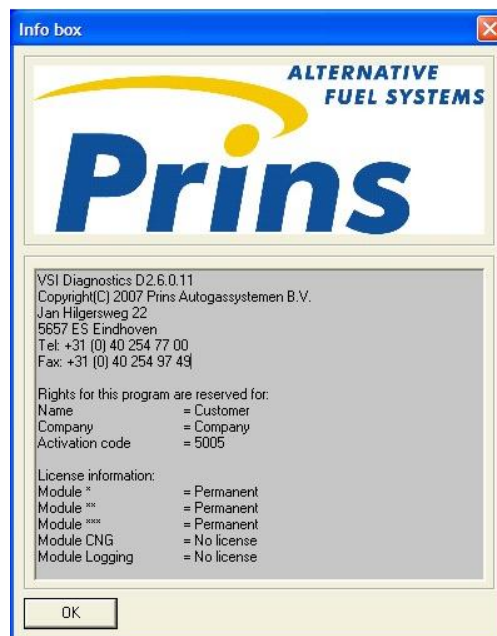
6. Copy the activation codes into the Prins registration Window.



If you have closed the diagnostics, start it again. Next, press the "Enter codes" button.

3.6 Software License

Check your license in "**Help - Info**" in the Diagnostics program.



3.7 Run the Prins VSI diagnostic D2.8 software

Double click on the VSI diagnostic icon located on the desktop



The VSI diagnostic is ready to use when the software is installed and activated.

The Prins Diagnostic Tool (PDT) is required to communicate with the ECM.

Set: 191-020001

Cable USB



091-110000

Prins Diagnostic
Tool



195-700004

SUB-D VSI I-II

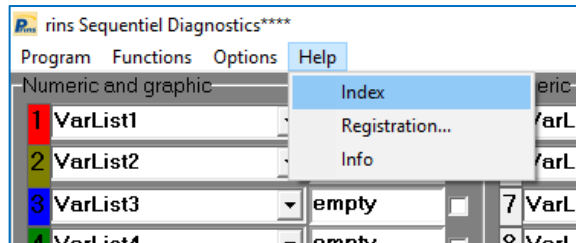


091-110001

3.8 Operation of Prins VSI diagnostic D2.8 software

Make use of the very detailed Help file intergraded in the VSI diagnostic software.

Open the help information in “**Help – Index**”.



Help VSI 1.8

Hide Back Forward Print Options

Contents Index Search

General

- Installation and registration
- System requirements
- Introduction
- Software releases

Program

- P1.1: Calibration manager
- P1.2: Save calibrations
- P1.3: Open calibrations

Functions

- F1: Process Parameters
- F2: ECM VSI identification
- F3: Changing Parameters
- F5: Read fault codes
 - F5.1 Reading VSI fault codes
 - F5.2 Fault code table**
- F7: Update the VSI ECM software
- F11: Activating the ECM

Universal Parameter Settings

- U1.1 Parameter setting introduction
- U1.2 Injector selection
- U1.3 Overview of parameters
- U1.4 Setting the petrol operation
- U1.5 Gas operation setting
- U1.6 Correction parameters
- U1.7 System selection

Below an overview is given of the possible fault code(s) in the system.

fig1.8: VSI fault codes

Fault code	Description	VSI ECM action	Solution	Remark
100	L1 Lambda is rich too long	-Petrol mode -2 Hz beeper	Check whether a correctly regulating lambda signal is present when driving on petrol and LPG/CNG.	>S105 >S205
101	L1 Lambda lean too long	-Petrol mode -2 Hz beeper	Check whether a correctly regulating lambda signal is present when driving on petrol and LPG/CNG. When this occurs during a long lasting FCO, you may have to configure the Ti_min [38] parameter.	>S105 >S205
102	L2 Lambda is rich too long	-Petrol mode -2 Hz beeper	Check whether a correctly regulating lambda signal is present when driving on petrol and LPG/CNG.	>S105 >S205
103	L2 Lambda lean too long	-Petrol mode -2 Hz beeper	Check whether a correctly regulating lambda signal is present when driving on petrol and LPG/CNG. When this occurs during a long lasting FCO, you may have to configure the Ti_min [38] parameter.	>S105 >S205
110	T_ECT >= 171°C or voltage too low	-System LED 2 Hz	Check whether the blue connector of the coolant sensor on the vaporizer is connected to earth.	>S105 >S205
111	T_ECT <= -40°C or voltage too high	-System LED 2 Hz	Check whether the blue connector of the coolant sensor on the vaporizer is connected to power supply.	>S105 >S205
120	T_LPG >= 171°C or voltage too low	-System LED 2 Hz	Check the “pressure/temperature sensor” in the cover of the filter unit to determine whether it is connected to earth.	>S105 >S205
121	T_LPG <= -40°C or voltage too high	-System LED 2 Hz	Check the “pressure/temperature sensor” in the cover of the filter	>S105 >S205