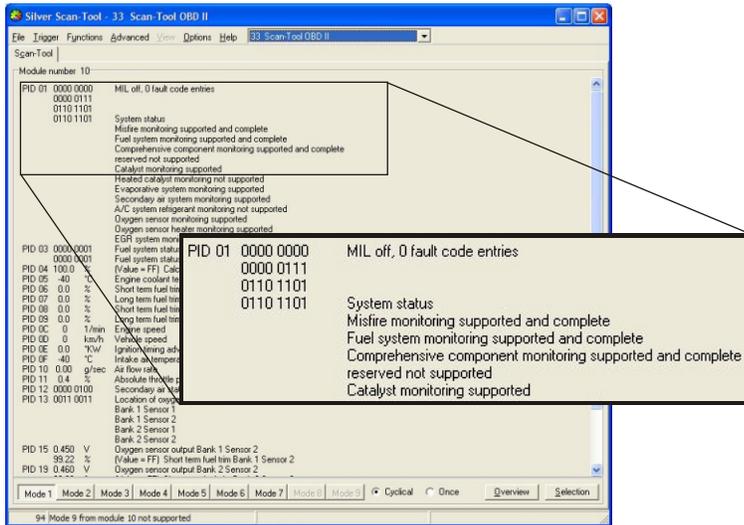# Silver Scan- Tool

OBDII/EOBD diagnostics on the Desktop-PC or Notebook

The Silver Scan-Tool:

The Silver Scan-Tool software provides the test function for CARB diagnostics and supports all nine of the CARB modes defined by the authorities along with their subfunctions.

Features:

- Easy to use
- Support of all CARB modes and PIDs
- Support of SAE J2534 interface devices
  e.g. DG Python, DG Gryphon
- Recording function
- Time and DTC based trigger for variable
  measurement procedures
- Instant storage function
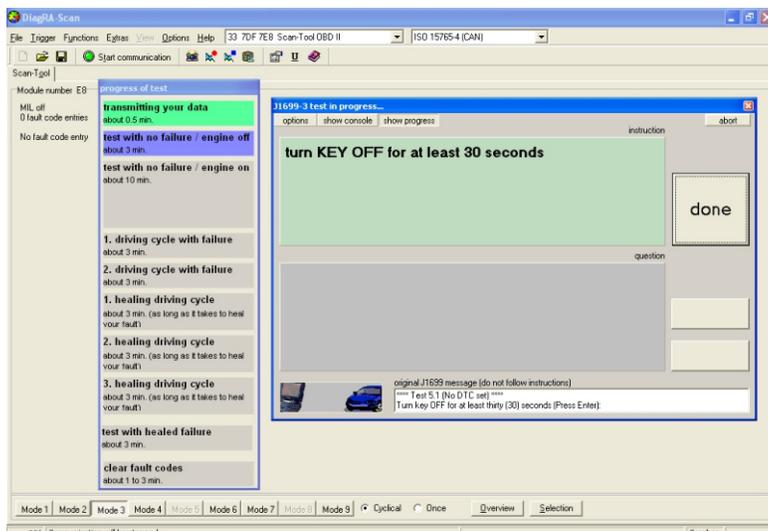- Operating systems Windows 98/2000/NT/XP

Benefit:

- Minimum hardware requirements
- Simple and intuitive
- Extensive help menus inside GUI
- Fast configuration
- Interaction with the DiagRA MCD
  Toolset

Supported protocols:

- ISO 9141-2
- ISO 14230-4 (K-Line)
- ISO 15765-4 (CAN)
- J1850 PWM (Ford)
- J1850 VPW (General Motors)

J1699:

- Windows interface for SAE J1699 GPL test
  software

Silver Scan-Tool

The world's first to market J2534 full-function Scan-Tool

Dearborn Group Inc & RA Consulting GmbH, two leading companies in the world of automotive development have teamed to bring you the worlds first J2534 Scan-Tool product. The package comprises RA Consulting's renowned Silver Scan-Tool for PC package and the Python J2534 (PassThru) communications reprogramming interface from Dearborn Group. The Software allows you to access all of the legislated diagnostic functions and supports most OBDII communications protocols.

What is J2534?

J2534 is a SAE standard for automotive reprogramming. It is rapidly becoming the most commonly used API for diagnostic applications. Most OEMs have packages which support this API for reprogramming and so when you buy the Python you will have access to both the RA Silver Scan-Tool and any other J2534 applications that are available from manufacturers websites.

The Hardware

Our Python hardware adapter is a multi-protocol hardware interface that is designed to communicate to all OBD II vehicle diagnostic networks. The Python includes a J2534 API for reprogramming and passthrough diagnostics.

Supported Protocols:
- CAN (canbus)
- ISO9141-2
- ISO11898 (CAN)
- ISO15765
- J1850 GM (Class 2)
- J1850 Ford (SCP)
- J1850 DCX
- J2284 (CAN)
- KWP2000

The Software

The Silver Scan-Tool software provides the test function for CARB diagnostics and supports all nine of the CARB modes defined by the authorities along with their subfunctions.

Fields of application:

The scan tool has been developed for OBDII/EOBD diagnostics and is restricted to the functionality required by CARB, i.e. the emission systems such as engine, transmission and exhaust gas system can be scanned selectively.

Basic functions:

The Silver Scan-Tool is implemented in compliance with ISO 9141-2 / SAE J1979, ISO 14230, ISO 15765-4 (CAN) and SAE J1850. This means that all control units that support these protocols can be addressed. In general, these are control units for exhaust emissions. The scan tool function supports all 9 of the functions (modes) defined by the authorities as well as all the subfunctions (PIDs). Alongside the errors stored in the control unit and the times the errors were recorded in the control unit, you can also read out various other measured values. Additionally the user can get a list of all supported modes and PIDs. All control units that reply to the scantool call will be shown.

Silver Scan-Tool supports desktop PC´s and notebooks with the Operating systems Windows 98/2000/NT/XP.

J1699-3

The OEM and suppliers version comes with a Windows based implementation of a J1699 test software module. This software module is on an Open-Source (GPL) implementation of the SAE J1699-3 test specification and provides a SAE J1699-3 test for compliance to OBDII protocols. This module can be easily started from the menubar. The use and display of the results run from the window environment.

As part of the tool package we provide you with the SAE J1699 software. This is a free software maintained and provided by SAE. RA will continue to provide you with the latest version as this software changes. The J1699 code is not part of the license of this product since it is free and managed by SAE.