

Auterra Dyno-Scan for Palm Release Notes

Version 1.0 - Initial release.

Version 1.0a - Improved support for Palm OS 2.x.

Version 1.0b – Fixed the Preferences dialog's OK button from not showing up.

Version 1.0c – Fixed the Trouble Codes display. Trouble code number was displayed as the wrong value.

Version 1.0d – Improved support for Kyocera Smartphone. Improved support for Ford vehicles. Fix multiple trouble codes of the same number from appearing.

Version 1.0e – Improved the initial connection, intermittent lost communication failures, and Ford support.

Version 1.0f – Improved connection support for certain vehicles.

Version 2.0 – New release offers these new features:

1. Handspring Visor and Sony CLIÉ handheld devices now supported.
2. DTC Lookup – now users can lookup textual descriptions for trouble codes right on the Palm. Hundreds of SAE definitions are built right into the software.
3. Dual Graphing – two sensors can now be graphed simultaneously; horizontal and vertical zoom and a side scrolling graphical display is more functional.
4. List Screen – new list screen displays up to five sensors simultaneously.
5. Auto-Off Timer – a new preference option temporarily disables the Palm automatic power-off.
6. Pause – pause now available on Meter, List, and Graph screens.
7. Enable Check – the Enable option in the Preferences dialog, when unchecked, resets an individual display on Meter, Graph, and List displays.
8. Miscellaneous Enhancements – numerous other minor improvements increase the software's utility.

Version 2.0a – Improved connection for some Chrysler vehicles. Graph screen now remembers last zoom factor preference when switching between screens.

Version 2.0b – Fixed fatal exception error during HotSync on some Palms. Fixed timing on some Palm handhelds.

Version 2.5 – New release offers these new features:

1. Support for enhanced manufacturer specific diagnostic trouble codes. The databases are modular and loaded independent of the scan tool software.
2. Miscellaneous vehicle connection improvements.

Version 2.5a – Fixed minor connection issue with some vehicles. Added database support for Volkswagen and Land Rover.

Version 2.5b – Fixed connection issue with some Sony handhelds.

Version 2.5c – Improved the sampling speed from two to eight times depending on the vehicle. Added a new Fast Sampling option to the Preferences dialog. Fixed an lb/min calculation bug on Air Flow Rate from MAF sensor.

Version 3.0 - Version 3.0 improves upon our software in numerous areas.

1. Data logging and playback now supported. Record sensors while driving and playback later.
2. Improved graphing support. Zoom and scrolling on both the x and y-axis allow unparalleled ease in viewing of data.
3. New graph screen with two traces on a single graph control. Especially useful for color screens.
4. Graph Marker on all graph screens allows finding the precise data value on any point within the graph.
5. Graph trace buffer saves numerous pages worth of graphed data. Scroll right and left to view the data stored within the trace buffer.
6. Increased data sampling speed.
7. Support for color Palm handhelds.

Version 3.0a - Version 3.0a changes the Palm scan tool file format to provide twice the storage in the same space. Also provides support for the PDB Converter application. 3.0 files are not compatible with the 3.0a software. Improved the vehicle connection sequence.

Version 3.0b – minor fix to Playback Position control.

Version 3.0c – minor vehicle connection fix, spelling fixes, and added Chrysler to file save options.

Version 3.0d – fixed Trouble Codes problem with DTCs not showing up in the Stored and Pending columns. Fixed some issues with the Fast Sampling option. Hide the Enter (No Connect) button when the Demo checkbox selected. Fixed the occasional user interface hesitation.

Version 3.0e – added support for ISO 14230-4 (KWP 2000) vehicles. The separate application DTC Search is now incorporated into the Scan Tool software under the menu Code Search. Increased the sampling speed between 20 and 50% depending on the vehicle. Other minor fixes.

Version 3.0f – fixed the Volkswagen DTC database not displaying. Added communications log option (useful for Auterra support only). Miscellaneous minor fixes.

Version 3.0g – improved vehicle support for the Oxygen Sensors screen. New O2 Limits screen. Enhanced freeze frame screen shows more sensors (on some vehicles). Improved Trouble Codes screen continually scans for new trouble codes, enhanced trouble code clearing (on some vehicles), and now supports B, C, and U-codes (on some vehicles).

Version 3.0h – added support for Handspring Treo series organizers and smartphones.

Version 4.0 – version 4.0, now called Dyno-Scan, improved the software in numerous areas:

1. More Parameters - support for 44 new vehicle parameters for a total of over 60 selectable parameters.

2. Dynamometer – measure horsepower and torque curves from any vehicle.
3. Acceleration – measure 0-60 time, 1/8 mile time, 1/4 mile time, and 1/4 mile horsepower.
4. Fuel Economy – an instantaneous and trip MPG display shows the vehicle gas mileage while driving.
5. Gear Ratio – gear ratio measurement and tire diameter calculator.
6. O2 Test Limits - new oxygen sensors screen with vehicle measured test values and min/max test limits.
7. New DTC Descriptions – over a thousand new diagnostic trouble code descriptions, generic and enhanced, added to our DTC databases.
8. Fixed communication problems on some vehicles.
9. Fixed slow scroll speed on some Palm handhelds.
10. DTC search now updated to support up to a max code of P3999.
11. All file and parameter dialogs values now sorted alphabetically.

Version 4.0a – Added more vehicle makes to dialogs. Fixed “triple entry” problem on Freeze Frame screen on some vehicles.

Version 4.0b – Fixed communications on some vehicles. Updated Power Torque screen to provide improved data display.

Version 5.0 – Added CAN support to software. CAN support requires Auterra hardware version 3.XX and higher. See the About Hardware dialog on version 5.0 and later software.

Version 5.0a – Minor auto-detection fix and About Hardware screen fix. Thousands of new code definitions added, including P, B, C and U codes. Over 6500 codes are now available.

Version 5.0b – Fixed CAN record/playback bug and fixed minor connection problems on some vehicles.

Version 5.0c – Fixed an incompatibility problem with older Handspring handhelds.

Version 5.0d – Fixed non-existent DTCs from showing up on some vehicles.

Version 5.0.5 – Fixed minor HP/torque computational bug.

Version 5.0.6 – Fixed reboot on Trouble Codes screen on Treo 650. Fixed HP/torque status bug. New application icon.

Version 5.1.0 – Added support for mode 6 and CAN 6x communication mode.

Version 5.1.1 – Fixed minor CAN communication problem.

Version 5.2.0 – Added On-Board Tests (mode 8) and Vehicle Info (mode 9) screens. Added support for enhanced modes 17 and 18 on the Trouble Codes screen.

Version 5.2.1 – Improved support for EOBD vehicles. Added disable CAN 6x communication option.

Version 5.2.2 – Fixed Parameter Select incorrect displayed live sensors problem. Fix minor communication problem for non-CAN adapters. Improved vehicle auto-detect protocol. Fixed On-Board Tests problem on CAN vehicles.

Auterra PDB Export Release Notes

Version 1.0 - Initial release.

Version 1.0a – Fix parsing bugs and add sample number column.

Version 1.0b – Minor fixes.

Version 1.0c – updated to support version 4.0 Dyno-Scan software.

Version 1.0f – updated to support new Palm live data file format.

Version 1.0g – fixed minor export problem on some CAN recordings.

Version 1.0h – updated for new Palm live data file format.