

# Auterra Dyno-Scan for Windows Release Notes

## Version 8.0.9

- Improved Toyota enhanced system detection.

## Version 8.0.8

- Improved GM enhanced system detection.

## Version 8.0.7

- CAN communication fix required for some vehicle.
- Oxygen Sensors screen grid value corruption fix.
- General info screen VIN number fix.

## Version 8.0.6

- Support for more Ford VIN numbers.

## Version 8.0.5

- Enhanced OBD II for Ford and Mazda added. Access ABS, airbag and more enhanced trouble codes. Additional cost upgrade to unlock features.
- Thousands more diagnostic trouble code (DTC) definitions.

## Version 8.0.4

- Fixed GM VIN number mismatch problem.
- Fixed Toyota no-VIN connection issue.

## Version 8.0.3

- Enhanced OBD II for GM and Nissan added. Access ABS, airbag and more enhanced trouble codes. Additional cost upgrade to unlock features.
- Thousands more diagnostic trouble code (DTC) definitions.
- Fixed the Multi-Point Row CSV File export feature.

## Version 8.0.2

- Fixed connection problem on older KWP equipped vehicles.

## Version 8.0.1

- Fixed CSV file export for enhanced OBD II recordings.

## Version 8.0.0

- Thousands of new diagnostic trouble code (DTC) definitions.
- Enhanced OBD II Toyota software. Access many systems such as ABS, TPMS, and air bag. Additional cost upgrade to unlock features.
- Open enhanced OBD II parameters recorded by DashDyno.
- Fixed Google Earth feature on some International versions of Windows.
- Improved Edit Parameters screen.
- Improved General Info screen with more data.

## Version 7.0.2

- More gas and diesel vehicles support fuel economy.
- Vehicle communication fix allows connection to more vehicles.

## Version 7.0.1

- Improved fuel economy support for diesel vehicles.

- Battery voltage parameter now supported.

#### **Version 7.0.0**

- Full support for the latest SAE standards.
- Added support for 147 new live data parameters (264 total parameters).
- New freeze frame data parameters.
- New bit-value and state encoded parameters.
- More mode 6 data.
- Speedometer tire size compensation on the Options menu.
- Fuel cost setting on the Options menu (used to display the Fuel Cost parameter).
- New fuel-economy related parameters: fuel cost, fuel rate (gallon/hr or liters/hr), average speed, idle time, drive time and idle percent.
- Fuel used parameter shown in .01 precision.
- Instant economy parameter shows 0 MPG when vehicle is not moving.
- Automatic x-axis scaling on the Analyze Live Data screen.
- Alphabetical column sorting on some screens by clicking the column title bar.
- If opening live data recorded files created with older Dyno-Scan 6.6.0 or DashDyno 1.2.0 (or earlier) using the new Windows 7.0.0, the file format has changed and the old files will not show accurately for these parameters:
  - Equivalence Ratio Bx-Sx
  - O2 Bx-Sx Wide Range V
  - Equivalence Ratio Bx-Sx 2
  - O2 Bx-Sx Wide Range mA

#### **Version 6.6.0**

- Added Multi-Point Row CSV export file format.
- Added support for exporting data into TrackVision.
- Added GPS data to CSV file export.
- Fix export CSV file bug.
- Fixed occasional negative power/torque graphs when using International Windows OS.
- Fixed Windows minimize and then shutdown bug.
- Improved COM port detection when USB adapter is hot-plugged in.

#### **Version 6.5.1**

- Added four new parameters (total supported 121).
- Fixed parameter inaccuracies on some vehicles (e.g. distance and fuel economy).
- Added Boost Calibration, Fuel Type, MPG Correction, Distance Correction and Engine Size to Options menu.

#### **Version 6.5.0**

- File format updated to support the DashDyno SPD file formats.
- Google Earth feature added to playback DashDyno SPD vehicle sensor and GPS data recordings.

#### **Version 6.0.1**

- Fixed Spanish language translations.

#### **Version 6.0.0:**

- New Live Data Analysis screen to view entire record all at once. Advanced data analysis capabilities.

- Windows Vista certified USB drivers for x86 (32-bit) and x64 (64-bit) Vista versions.
- Recorded live data parameters now time stamped.
- Zoom on acceleration and power torque graphs.
- Improved average fuel economy accuracy.
- Improved file export capabilities, including data time stamps.
- All parameters, including fuel economy, can be recorded with other vehicle live data.
- 49 new live data parameters (total supported 117):
  1. Fuel Economy
  2. Fuel Used
  3. Distance Traveled
  4. Boost Pressure
  5. Air Fuel Ratio
  6. Air Fuel Ratio B1-S1
  7. Air Fuel Ratio B1-S2
  8. Air Fuel Ratio B1-S3
  9. Air Fuel Ratio B1-S4
  10. Air Fuel Ratio B2-S1
  11. Air Fuel Ratio B2-S2
  12. Air Fuel Ratio B2-S3
  13. Air Fuel Ratio B2-S4
  14. Air Fuel Ratio B1-S1 2
  15. Air Fuel Ratio B1-S2 2
  16. Air Fuel Ratio B1-S3 2
  17. Air Fuel Ratio B1-S4 2
  18. Air Fuel Ratio B2-S1 2
  19. Air Fuel Ratio B2-S2 2
  20. Air Fuel Ratio B2-S3 2
  21. Air Fuel Ratio B2-S4 2
  22. Short Term Fuel Trim B3
  23. Long Term Fuel Trim B3
  24. Short Term Fuel Trim B4
  25. Long Term Fuel Trim B4
  26. Short Term Fuel Trim B1-S1
  27. Short Term Fuel Trim B1-S2
  28. Short Term Fuel Trim B1-S3
  29. Short Term Fuel Trim B1-S4
  30. Short Term Fuel Trim B2-S1
  31. Short Term Fuel Trim B2-S2
  32. Short Term Fuel Trim B2-S3
  33. Short Term Fuel Trim B2-S4
  34. Equivalence Ratio B1-S1
  35. Equivalence Ratio B1-S2
  36. Equivalence Ratio B1-S3
  37. Equivalence Ratio B1-S4
  38. Equivalence Ratio B2-S1
  39. Equivalence Ratio B2-S2
  40. Equivalence Ratio B2-S3
  41. Equivalence Ratio B2-S4
  42. Equivalence Ratio B1-S1 2
  43. Equivalence Ratio B1-S2 2
  44. Equivalence Ratio B1-S3 2

45. Equivalence Ratio B1-S4 2
46. Equivalence Ratio B2-S1 2
47. Equivalence Ratio B2-S2 2
48. Equivalence Ratio B2-S3 2
49. Equivalence Ratio B2-S4 2

**Version 5.2.4** – Fixed Parameter Select incorrect displayed live sensors problem. Localized properties windows for other countries. Fixed power/torque file open issue for some regions. Fixed CSV export for some regions. Fix minor communication problem for non-CAN adapters. Improved vehicle auto-detect protocol. Fixed On-Board Tests problem on CAN vehicles. Fixed English units translation problem on Freeze Frame screen. Power Torque, Acceleration screens, and Fuel Economy screens now support Metric units.

**Version 5.2.3** – New Hungarian translated version released. French and Greek final versions released.

**Version 5.2.2** – Added printing and save printed image support. Added CAN 6x communications disable option. Improved support for EOBD vehicles. Fixed minor Vehicle Information pane problem. German and Italian translations released. French released in beta.

**Version 5.2.1** – Added USB OBD II adapter support to installation. Fixed extra lines problem in live data CSV export feature. Updated Spanish translations. Minor UI updates. Greek translation (in beta) released.

**Version 5.2.0** – Added Vehicle Information pane to General Info screen (mode 9). Added a new On-Board Tests screen for bi-directional tests (mode 8). Support for mode 17 and 18 on Trouble Codes screen. More freeze frame data supported on Trouble Codes screen. Improved vehicle autodetection. Fixed fuel trim data inaccuracy problem.

**Version 5.1.1** – Fixed minor CAN communication problem. Added new Spanish trouble code definitions for Acura-Honda, GM, Lexus-Toyota, Ford, and Chrysler. Updated some Spanish translations. Updated O2 sensor legend to Spanish.

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

**Version 5.0.2** – Fixed serial port communication problem on some PCs.

**Version 5.0.1** – Fixed no data on freeze frame pane bug. Fixed Rundll32 crash on Windows 98 machines when exiting the software.

**Version 5.0.0** – Initial release.