

# DYNO-SCAN FOR PALM OS

**AUTERRA**



## Easy to Use

The Dyno-Scan™ for Palm OS software has an intuitive user interface. Color and black-and-white screens supported.



## Rugged

The OBD II adapter and cable will provide years of trouble-free service.

**OBD II  
Adapter**

### Size and Weight

4" x 1.75" x .875", 4oz

### Automotive Standards

CAN, VPW, PWM, ISO, KWP

## Diagnostic Power

Auterra's Dyno-Scan™ for Palm OS is two products in one! First, it's a full-featured On-Board Diagnostics II (OBD II) scan tool capable of diagnosing a wide range of vehicle problems. Read and clear trouble codes, view code descriptions, turn off the Check Engine light, monitor and record live sensor data using line graphs, bar graphs, or meters, and much more. Second, the remarkable dyno package measures engine horsepower and torque, acceleration times, and even instantaneous and trip fuel mileage. Try that with your average scan tool!

## Compatibility

The Dyno-Scan™ is universal so no matter the make or model, from Acura to Volvo and everywhere in-between, the Dyno-Scan™ will work with your 1996 and later automobile.<sup>1</sup>

## Key Features

- Read and clear diagnostic trouble codes (DTCs)
- Optional support for vehicles equipped with CAN
- Integrated DTC description databases including enhanced and generic
- Turn off the vehicle's Check Engine or Service Engine Soon light
- Read and clear freeze frame data
- Two types of graph screens monitor any two sensors
- Graphically zoom in/out and pan within a virtual trace buffer
- Three types of meter screens, including bar graphs
- View up to five sensors simultaneously with variable sample rates
- Record and playback live sensor data streams
- Upload recordings to a PC for further analysis
- Oxygen sensor monitoring and on-board test results
- I/M readiness. Metric and English units of measure
- Horsepower and torque measurements
- 0-60 time, 1/8 and 1/4 mile time and speed, MPG, and top speed
- Supports most Palm OS devices version 3.0 and later. 1-year warranty
- Free software upgrades via our web site

<sup>1</sup> Some diesel vehicles are not OBD II compliant and not supported.

# Scan Tool Screens

**Super Features** - numerous ingenious features simplify vehicle diagnostics. Shown below are just a few of the screens available. **Palm Power** - extensive on-line help and careful attention to screen presentation offers unparalleled ease of use on your Palm handheld.

### General Info

**Information:**

OBD Requirement	OBDII Federal
Fuel System 1 Status	OLoop Drive
Fuel System 2 Status	-
Secondary Air Status	Upstream Cat
Auxiliary Input Status	PTO NtActive

**Vehicle Monitors Status:**

Misfire Monitor	C	Sec. Air System	-
Fuel System	-	A/C Refrigerant	-
Components	C	Oxygen Sensor	I
Catalyst	I	Oxygen Heater	-
Heated Catalyst	-	EGR System	I
Evap. System	I		

Shows I/M readiness and other info

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### Trouble Codes

Stored DTCs	Pending DTCs
P0457	P0457
P0524	P0524

#### DTC Lookup

**DTC:** P0457  
**Vehicle:** Generic  
**Description:** 1 of 1  
 Evaporative Emission Control System  
 Leak Detected (fuel cap loose/off)

OK Prev Next

Tap a DTC to display its definition

### Dual Graph

Hold 84% Pause

O2 Sensor B1-S2

O2 Sensor B1-S3

Graph two sensors simultaneously

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### Freeze Frame

DTC Causing Freeze	P0238	
Vehicle Speed	78	MPH
Intake Manifold Pressure	39.4	in.Hg
Long Term Fuel Trim-B2	9.4	%
Long Term Fuel Trim-B1	14.8	%
Engine Coolant Temp	237	deg F
Fuel System Status	OLoop NoSat	
Fuel Pressure (gage)	73.1	psig
Short Term Fuel Trim-B1	36.7	%
Engine RPM	11694	r/min
Calculated Load Value	74	%
Short Term Fuel Trim-B2	53.1	%

Sensor data at the time of error

### List

Hold 0% Live

Air Flow Rate MAF	lb/min	<b>52.58</b>
Calculated Load	%	<b>48.2</b>
Engine RPM	RPM	<b>7453</b>
Ignition Timing Adv	deg	<b>-9.5</b>
Long Fuel Trim-B1	%	<b>-20.3</b>

Display up to five sensors

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### Oxygen Sensors

**Sensor Position:** Bank 2 - Sensor 2

Sensor period	4.7	sec
Max sensor voltage	0.585	V
Lean to rich switch time	0.47	sec
High sensor voltage	0.585	V
Lean to rich threshold	0.585	V
Time between transitions	4.7	sec
Rich to lean switch time	0.47	sec
Rich to lean threshold	0.585	V
Low sensor voltage	0.585	V
Min sensor voltage	0.585	V

Next Sensor

O2 sensor test results

## Dyno Screens

**Dyno Package** - Dyno measurements are corrected for elevation, drag coefficient, vehicle weight, air temperature, and more per the SAE J1349 standard. Try an evaluation version of the software available from our web site.

### Power Torque

1 2

**Power**

**Torque**

Analyze HP and torque runs

### Acceleration

**Speed**

Measure vehicle acceleration

## Complete System

A complete Dyno-Scan™ system is comprised of four components:

- Palm™ handheld (sold separately)
- HotSync cable
- OBD II Adapter
- OBD II Cable



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