




Instant  
**violation Alarms,**   
ideal for your **family teen driver!**

### *Specially designed to monitor:*

- Every second of every trip
- Diagnostic trouble codes
- Engine parameters
- Fuel consumption/MPG
- Speed violations
- Idle time and exception hours
- Emergency events

## MaxiRecorder™ Vehicle Monitor

MaxiRecorder™ is a full-featured vehicle tracking and performance management system. With this device, vehicles can be easily monitored anytime and anywhere. Easy, intuitive and powerful, MaxiRecorder's innovative technology is designed to help you lower operating expenses and improve driving behaviors.

### Features

- Automatic fuel consumption calculation
- Up to 500 hours of trip details, including time/date, distance, speed, hard accelerations and braking
- Track up to 5 of 23 engine parameters
- Provide intuitive live data graphs and summary reports
- Record/show extreme acceleration/braking
- User-settable alarms for speed, hard braking & acceleration
- Extremely easy-to-use with intuitive interface
- Automatic accident log showing the last critical 20 seconds of speed before crash
- Activity log showing when the auto computer is unplugged
- Calculate gas mileage
- Read/clear trouble codes and reset MIL (Malfunction Indicator Light)
- View I/M readiness status
- Retrieve VIN
- Export summaries and detailed reports to spreadsheets for further analysis
- Summarize monthly trip data
- Updateable via internet download

### Ideal for

- Parents of teen drivers;
- Service technicians;
- Business owners;
- Fleet managers;
- Fuel economy concerned drivers;
- Auto enthusiasts and DIYers.

### Contents:

- MaxiRecorder device
- Fleet management software
- USB cable



## MaxiRecorder™ Vehicle Monitor

### Record Vehicle performance

Get a quick snapshot of vehicle performance for any vehicle in your fleet with the MaxiRecorder's Vehicle Performance Report. This report enables you to view average speed, maximum speed, hard accelerations and decelerations, MPG, idle time, etc for any vehicle in a given period.

#### Performance Reports

From: 10/01/08 12:00:00PM To: 10/3/08 12:00:00PM  
Vehicle Name: Toyota VIN: 2HGES16684H907941  
Driver: Jack

| Item               | Measure           | Average      |
|--------------------|-------------------|--------------|
| Total Distance     | 102 miles         | 51 miles/day |
| AVG. Speed         | 68 mph            | N/A          |
| Max.Speed          | 81 mph            | N/A          |
| AVG. MPG           | 9.50 miles/gallon | N/A          |
| Total Fuel         | 10.74 gallon      | N/A          |
| Total Engine Time  | 5.50 hours        | 11.46%       |
| Total Moving Time  | 3.05 hours        | 6.35%        |
| Total Over RPM     | 35 minutes        | 18.92%       |
| Total Over Speed   | 30 minutes        | 16.22%       |
| Total Excess Speed | 5 minutes         | 2.70%        |
| And more ...       | And more ...      |              |

### Monitor driver performance

The MaxiRecorder™ vehicle monitor lets you set alarms for speed, acceleration, braking and monitor driver tendencies. It is ideal for managing fleets and training new drivers safe driving habits.

### Troubleshoot vehicle

If the vehicle's check engine light (MIL) illuminates, you are able to:

- Read/clear DTCs;
- Reset MIL;
- View I/M readiness status;
- View freeze frame data;
- Retrieve VIN.

### Save money and time

- Help improve driving behaviors to save fuel;
- Reset your own MIL and drives to garage shop more informed;
- Accident log help settle a disputed insurance claim.

### Record engine parameters & Provide graphing

With MaxiRecorder™ vehicle monitor, you are able to monitor all or any number of the 23 engine parameters:

- RPM
- Engine load
- Fuel system status
- Timing advance
- Air flow rate
- Intake manifold pressure
- Short/long-term-fuel trim
- Throttle position
- Fuel pressure
- Battery voltage
- Coolant temperature
- Intake air temperature
- O2 sensor voltage
- And more ...

### Easy Installation:

1. Find your car's DLC;
2. Plug in the vehicle monitor;
3. Drive your vehicle normally;
4. Install the software and connect the device;
5. Download trip data to your computer.

#### Specifications:

|                        |  |
|------------------------|--|
| Operating Temperature: | -40 °C to 85 °C (-40 °F to 185 °F)   |
| Storage Temperature:   | -20 °C to 70 °C (-4 °F to 158 °F)  |
| External Power:        | 8 V to 18 V provided via vehicle   |
| Internal Power:        | Built-in rechargeable battery  |
| Memory:                | 2MB  |
| Storage Capability:    | Max. 500 hours (Depending on sampling rate and environment)                                    |
| Alarm:                 | Adjustable & audible alarm for speed, acceleration, and deceleration                           |
| Supported Protocols:   | J1859-41.6, J1850-10.4, ISO9141, KWP2000 (ISO 14230), and CAN (Control Area Network ISO 11898) |
| Sampling Rate:         | 1, 5, 10, 30 or 60 Seconds   |
| Dimensions:            | 49mm (1.93") x 37mm (1.46") x 28mm (1.10")   |
| Weight:                | 28g (0.062lb)  |

### MaxiTrip™ TP100

### 4-IN-ONE AUTO COMPUTER

Work on all 1996 and newer OBD II compliant vehicles:  
Gas/Diesel/Hybrid/LPG!



This innovative 4-in-one automotive computer from Autel is exactly what is needed for real-time engine monitoring, failure prevention and trip tracking. The compact and intelligent gadget includes 4 most useful modes: trip computer, digital gauges, scan tool and vehicle black box.



#### MaxiTrip™ TP100 is perfect for:

- Auto enthusiasts, hobbyists and DIYers
- Drivers who care for engine performance and fuel economy
- Parents of young drivers
- Business owners.

#### Easy to install and 1-2-3!

- Locate your car's OBD II connector under the dash;
- Plug the tool's cable connector to the OBD II socket;
- Mount the main unit anywhere on the dash or console;
- Follow the menu options to operate.

#### Contents:

- MaxiTrip™ TP100 tool
- OBD II Cable
- USB Cable
- User's Manual
- CD Software



**MaxiTrip™ TP100****Trip Computer**

The MaxiTrip™ TP100 is a compact automotive computer designed to monitor information about your vehicle in real time. It will display such useful information as average trip MPG, tank MPG, average speed per trip, average speed per tank of gas, miles to empty, miles driven on tank, and more.

- Maximum Speed
- Average Speed
- Maximum Coolant Temperature
- Maximum RPM
- Driving Time
- Driving Distance
- Fuel Used
- Trip Fuel Economy
- Distance to Empty
- Time to Empty
- Fuel to Empty

**Digital Gauges**

The MaxiTrip™ TP100 can be configured to measure and monitor up to four different sets of information simultaneously, providing real-time engine performance analysis, allowing you to adjust driving behavior and saving gas.

- Vehicle Speed (MPH)
- Manifold Pressure
- Battery Voltage
- Engine Load
- Coolant Temperature
- Throttle Position
- Intake Air Temperature
- Ignition Timing
- Engine Speed (RPM)
- Closed/Open Loop
- Water Temperature

**Scan Tool**

The MaxiTrip™ TP100 will also work as a scan tool that is able to help you troubleshoot problems of all OBD II / EOBD compliant vehicles.

- Work with all 1996 and later OBD II compliant vehicles
- Read & clear trouble codes
- Easily determine the cause of the "Check Engine Light (MIL)"
- Turn off Check Engine Light (MIL), and reset monitors
- View freeze frame data
- Display monitor and I/M readiness status (emissions)
- Retrieve vehicle information (VIN, CIN and CVN)

**Vehicle Black Box**

The MaxiTrip™ TP100 will be able to save up to 300 hours of your driving data. It works as a vehicle black box to store every trip you make. The information it records includes:

- Time and date for each trip
- Distance travelled each trip
- Maximum speed during trip
- Time overspeed
- Number of times of deceleration limit exceeded during trip
- Number of times of acceleration limit exceeded during trip
- Hard accelerations and braking