

When
that engine
needs service...

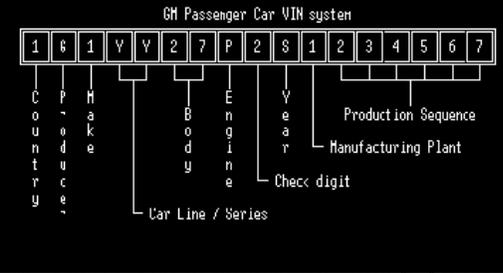


you need a fast and
accurate diagnostic tool!

DIACOM[®]
The Diagnostic Interface for Automotive Computers

Check it out for yourself.

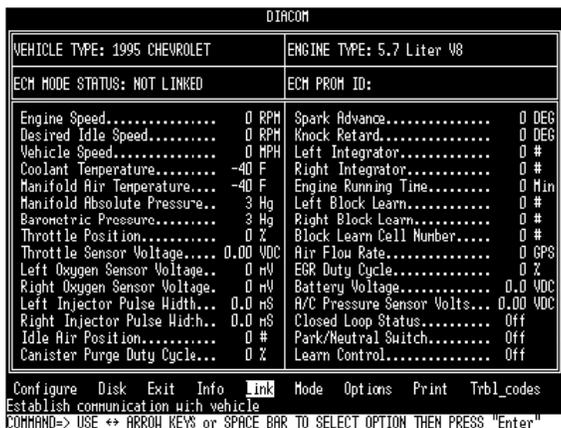
Before this diagnostic session can begin, DIACOM needs specific information about the vehicle to be tested. This information is contained in the Vehicle Identification (VIN) Number. On GM cars this number is usually located on a plate attached to the top left side of the vehicle's instrument panel and can be easily seen by looking down through the windshield from the outside of the vehicle. If you have difficulty in locating this number please consult an appropriate service or owner's manual.



COMMAND-> ENTER YOUR VEHICLE IDENTIFICATION NUMBER or PRESS "Esc" TO EXIT

✓ Easy to use

No special training or prior computer experience is required. DIACOM's user-friendly displays let you move easily from screen to screen. Just type in a specific vehicle's identification number and all of the vital diagnostic information you need can be accessed in a few simple steps.



DIACOM	
VEHICLE TYPE: 1995 CHEVROLET	ENGINE TYPE: 5.7 Liter V8
ECH MODE STATUS: NOT LINKED	ECH PROM ID:
Engine Speed..... 0 RPM	Spark Advance..... 0 DEG
Desired Idle Speed..... 0 RPM	Knock Retard..... 0 DEG
Vehicle Speed..... 0 MPH	Left Integrator..... 0 #
Coolant Temperature..... -40 F	Right Integrator..... 0 #
Manifold Air Temperature... -40 F	Engine Running Time..... 0 Min
Manifold Absolute Pressure.. 3 Hg	Left Block Learn..... 0 #
Barometric Pressure..... 3 Hg	Right Block Learn..... 0 #
Throttle Position..... 0 %	Block Learn Cell Number.... 0 #
Throttle Sensor Voltage.... 0.00 VDC	Air Flow Rate..... 0 GPM
Left Oxygen Sensor Voltage.. 0 mV	EGR Duty Cycle..... 0 %
Right Oxygen Sensor Voltage. 0 mV	Battery Voltage..... 0.0 VDC
Left Injector Pulse Width... 0.0 mS	A/C Pressure Sensor Volts... 0.00 VDC
Right Injector Pulse Width.. 0.0 mS	Closed Loop Status..... Off
Idle Air Position..... 0 #	Park/Neutral Switch..... Off
Canister Purge Duty Cycle... 0 %	Learn Control..... Off

Configure Disk Exit Info **Link** Mode Options Print Trbl_codes
Establish communication with vehicle
COMMAND-> USE ⇐⇒ ARROW KEYS or SPACE BAR TO SELECT OPTION THEN PRESS "Enter"

✓ Full diagnostic capabilities

Get the big picture and see performance changes as they happen. DIACOM's full screen display shows up to 30 vehicle functions at a time. DIACOM's flexibility allows you to change the display order and provides metric conversion capabilities. Data capture allows you to record and review information obtained during vehicle operation to pinpoint intermittent problems. A diagnostic printout can be customized to include your business name, address, etc.

Now troubleshoot from your keyboard...

Put your PC to work for you.

DIACOM is a revolutionary new software package that is changing the way cars and trucks are serviced. With complex computerized engine control systems aboard half of the cars on the road, today's mechanic needs more than just a drawer full of wrenches. Harnessing the power of your IBM compatible PC or laptop, DIACOM takes the guess work out of troubleshooting. DIACOM allows you, your PC, and the vehicle's computer to work as a diagnostic team to quickly pinpoint system performance faults.

- Save time and money
- Extract trouble codes from your vehicle's on-board computer
- Identify most faults without lifting the hood
- Make an accurate diagnosis the first time around
- Quickly solve intermittent performance problems
- React to automotive problems with up-to-date technical information
- Extend your diagnostic expertise - Grow with the automotive industry

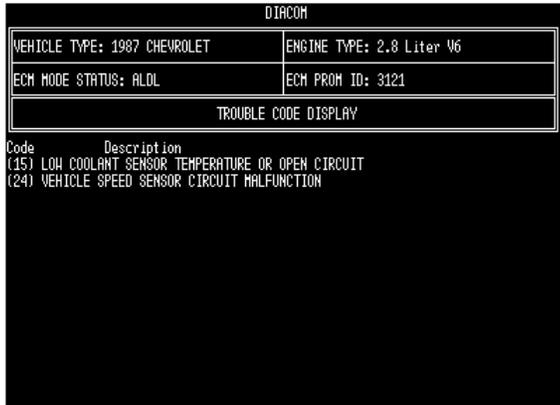
Get more for less...

Until now, the equipment necessary for **high tech** troubleshooting has only been available at **high tag** prices. DIACOM gives you an affordable approach to servicing

You don't need a big shop or big money to have DIACOM in your tool box. You can use your own PC along with DIACOM software to review used cars, do pre-emissions testing, perform routine preventative maintenance, and double-check costly repairs.

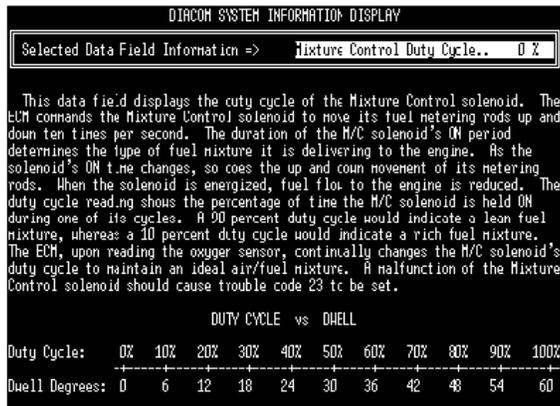
DIACOM: a small investment to keep you in touch with today's automotive technology.

...at a price you can afford



Trouble code alert

When trouble codes are present in a vehicle's computer, DIACOM's flashing Trouble Code indicator provides a prompt alert. Forget about hunting through service manuals for an explanation since DIACOM's dedicated Trouble Code display screen provides a description of each stored code allowing fast and accurate diagnosis.



On-line technical information

DIACOM also includes a comprehensive collection of technical information for quick reference during a diagnostic session. Just select any displayed vehicle parameter and DIACOM will provide information on that topic. This concise, easy-to-understand reference is like having your automotive manuals always handy and open to just the right page - a refresher course waiting for your query!

Package includes:

DIACOM software

Available in 3 1/2" or 5 1/4" format

10' Interface Cable

specifically designed to connect your car to your PC's parallel port

Vehicle Diagnostic Port Adapters

includes: 1982 and up adapter
special TPI

Comprehensive User's Guide

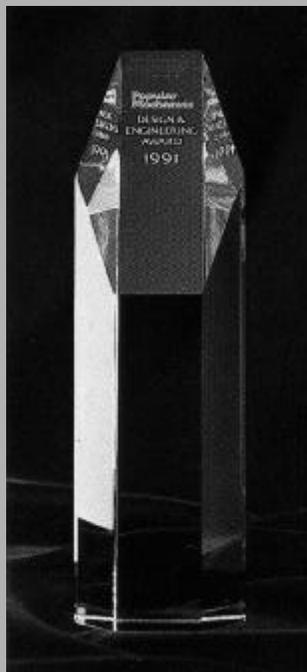
answers most common questions during the installation and operation of the software.

Quick Reference Card

(System components vary with vehicle make)



DIACOM's specially designed cable and software are all you need to turn your PC into a powerful diagnostic tool.



POPULAR MECHANICS

1991 Design & Engineering Award

SYSTEM REQUIREMENTS

OPERATING SYSTEMS:

PC-DOS/MS DOS 6.0 or higher

HARDWARE REQUIREMENTS:

IBM PC compatible with one standard parallel port and one disk drive

MEMORY:

Minimum of 1M bytes of RAM required

PRINTER:

Any IBM compatible 80 column B&W, inkjet or laserjet, DOS compatible, printer

DIACOM is a registered trademark of Rinda Technologies Inc.

IBM is a registered trademark of International Business Machines Corp.

All specifications subject to change without notice. Copyright © 2000 Rinda Technologies Inc.

Industry experts endorse DIATOM:

**INFO
WORLD**

"I was especially impressed with the capability to road test a car. One car I tested had a tendency to drop out of torque converter lock...but DIACOM easily found the problem."

**Sonne L. Hooper
INFOWORLD**

**Popular
Mechanics**

"DIACOM software from Rinda Technologies will let you plug your PC directly into your car's computer... this is admittedly a very sophisticated tool."

**Mike Allen
POPULAR MECHANICS**

motor age

"Computer analysis is one way to detect the primary causes for drivability problems... the DIACOM system is easily downloaded into your laptop and ready for use."

**Tony Molla
CHILTON'S MOTOR/AGE**

**PC
MAGAZINE**

"This a product with some really practical at-home applications. Frankly, for anyone with an interest or business in cars, this is one superconnectivity tool."

**Frank L. Derfeler, Jr.,
PC MAGAZINE**

**HOT ROD
MAGAZINE**

"An IBM compatible computer is your connection and DIACOM software is the key to the secrets lurking within your car's computer."

**John Baechtel,
HOT ROD MAGAZINE**

**MUSCLE
CAR
REVIEW**

"The DIACOM program is a complete diagnostic and tuning tool that doesn't take a master's degree in engineering to understand."

**Michael J. Bachmann
MUSCLE CAR REVIEW**

Rinda Technologies Inc.

4563 N. Elston Ave.

Chicago, IL 60630

Tel. (773) 736 6633 Fax (773) 736 2950

Web: www.rinda.com

E-mail: corporate@rinda.com

DIACOM[®] Plus

Data Stream Analysis Tool

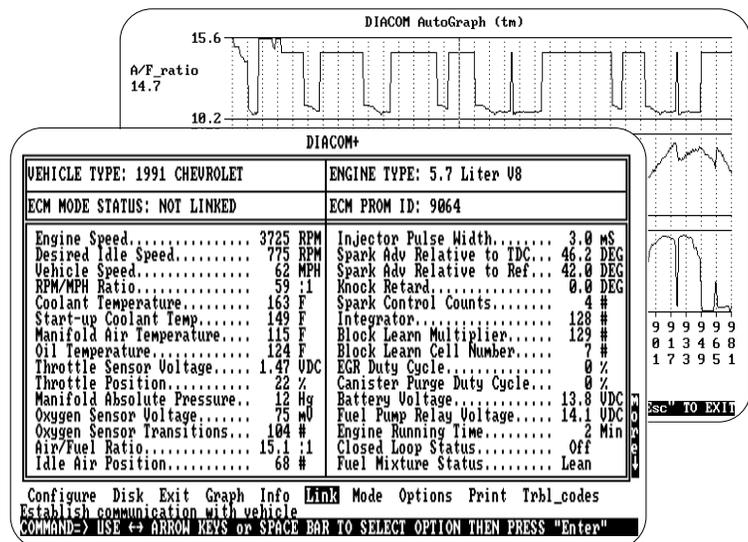
Diacom Plus collects valuable performance data from your vehicle's on-board computer system, potentially saving you hours of engine development and optimization work. Quickly discover which parts of your system are performing to specification and which parts can be optimized for peak performance!

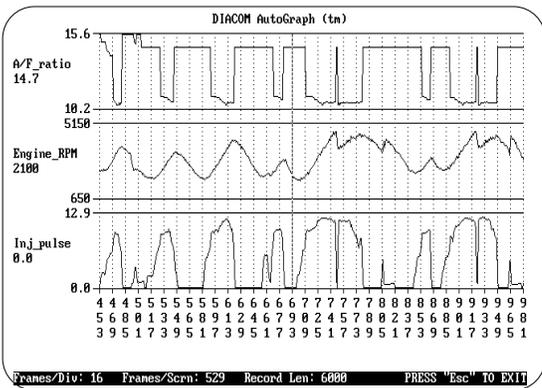
Overview

Until now successful optimization of computer controlled engines has relied on a considerable amount of guesswork, if you didn't know what was wrong, you experimented until you found it. Diacom Plus can significantly change that. Just run Diacom Plus software on any IBM compatible PC or laptop and connect the supplied communication cable to a General Motors or Chrysler vehicle's diagnostic connector. Diacom Plus communicates with the vehicle's on-board engine control system and provides a wealth of performance related information.

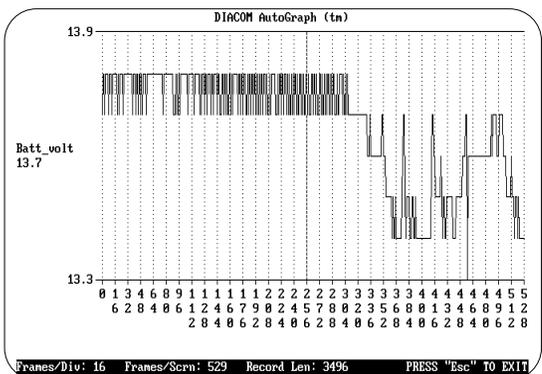
Used in demanding racing and proving ground applications, Diacom Plus records and displays engine control system information in real-time. Whether you're recording a simple dynamometer run or an entire race, Diacom Plus captures a precise history of engine and vehicle performance at a resolution of up to ten samples per second. Logging engine and vehicle dynamics has never been easier.

Monitoring and logging vehicle performance information is your first step in understanding and deciphering today's complex, microprocessor based fuel delivery and ignition systems. The analysis of this information however, is by far the most critical step. Diacom Plus incorporates a data analysis tool called AutoGraph. AutoGraph allows you to graphically view recorded vehicle information instantly. Now you can make precise correlations and analyze performance trends in just seconds!





AutoGraph™ allows you to view performance data graphically. Discover relationships between parameters and quickly assess the effects of your engine modifications.



Automatic scaling of vehicle information provides the best viewing resolution and displays the details you need to zero in on elusive or intermittent problems.

DIACOM Software Series	
DIACOM GM	P/N 91000
DIACOM Plus GM	P/N 91010
DIACOM Plus GM Marine	P/N 94010
DIACOM Chrysler	P/N 92000
DIACOM Plus Chrysler	P/N 92010
DIACOM GM/Chrysler	P/N 97000
DIACOM Plus GM/Chrysler	P/N 97010

Technical Highlights

The most powerful analysis tool available

- Record and display on-board computer data in real-time.
- View up to 30 vehicle functions simultaneously.
- Graphically examine recorded information instantly. Diacom's AutoGraph feature automatically scales vehicle information to display the greatest detail and provide the best viewing resolution.
- Save data to disk and build extensive vehicle performance libraries.
- Obtain on-line technical information on any displayed vehicle parameter at the touch of a key.
- Automatically scan for system trouble codes and instantly view them along with their accompanying descriptions.

Select from a wide range of system options

- A user definable recording length allows you to select the amount of data you wish to record and analyze. Record just a few frames or capture several thousand, Diacom Plus utilizes as much of your PC's memory as possible (up to 640K) to provide you with unmatched data capture capabilities.
- Flexible record triggering options allow you to select the best method of zeroing in on elusive system problems. Data recording can be triggered upon detecting a trouble code, by pressing your PC's keyboard or remotely.
- Diacom Plus's optional remote trigger module allows you to keep your laptop PC safely strapped in the passenger seat and lets you initiate as well as monitor recording

functions via a dashboard mounted control unit.

- A built-in file translation feature converts recorded vehicle data into industry standard dBase III compatible files allowing information to be exported to other popular software programs.

Get the data that makes your development work easier

- View relationships between performance parameters and learn what effect they may have on other system components.
- Quickly discover which parts of your system are performing per specification and which parts still need fine tuning.
- Access the effects of your engine modifications and see performance variations instantly.
- Identify potential problem areas before you arrive at the track.

Specifications

System Requirements

- IBM PC, AT, PS/2 or 100% compatible PC or laptop (laptop recommended)
- One 5.25" or 3.5" disk drive, hard disk is optional but recommended for vehicle data file storage
- One IBM compatible parallel printer port
- One serial port (when using optional remote trigger module)
- At least 512K of RAM memory
- CGA, EGA, or VGA compatible CRT or LCD display screen and controller

This data sheet is for informational purposes only. Rinda Technologies makes no warranties, express or implied, in this summary. All specifications are subject to change without notice. DIACOM and AutoGraph are trademarks of Rinda Technologies Inc. All other trademarks belong to their respective owners.

Rinda Technologies Incorporated • 4563 N. Elston Avenue • Chicago, IL 60630 • Tel: 773-736-6633 • Fax: 773-736-2950
Copyright © 1991-1999 Rinda Technologies Incorporated. All rights reserved worldwide. Web: www.rinda.com

Diacom Plus used in



Rinda Technologies

Diacom Price List

Schedule No. 596R

Diacom Automotive & Marine Software Series

Description	P/N	Retail
Diacom (GM Edition)	91000	\$299.00
Diacom Plus (GM Edition)	91010	\$579.00
Diacom Plus (Marine Edition)	94010	\$579.00
Diacom Chrysler	92000	\$299.00
Diacom GM/Chrysler Edition	97000	\$469.00

Diacom Optional Add-On's and Upgrades

Diacom Plus GM Add-On	91010A	\$ 279.00
Diacom GM Std. Add-On	91000A	\$ 169.00
Diacom Chrysler Std. Add-On	92000A	\$ 169.00
Diacom Plus GM 95 Annual Update	91010U	\$ 179.00
Diacom GM 95 Annual Update	91000U	\$ 99.00

Ordering Details

Payment by Visa, MasterCard, American Express and UPS C.O.D. is accepted. All orders are shipped FOB from Rinda Technologies' Chicago, Illinois warehouse. All prices subject to change without notice. For additional information please feel free to contact us.

Shipping

Continental USA:	\$ 6.75 UPS Ground
	\$ 12.25 UPS 2nd day air
	\$ 27.25 UPS next day air
	\$ 5.00 UPS C.O.D. fee
International:	Please call or fax.

Rinda Technologies Inc.
4563 N. Elston Ave.
Chicago, Illinois 60630

Tel: (773)736-6633
Fax: (773)736-2950
E-mail: corporate@rinda.com
Web: www.rinda.com