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Eaton MD™
MOBILE DIAGNOSTICS

MD-100 Series

Basic Heavy-Duty Vehicle Link Adapter

Translates J1587/J1708 and J1939 Truck Data Link Information for Your PC or PDA

This Eaton Vehicle Link Adapter is a low cost, microprocessor-based interface for PC and PDA-to-vehicle communications. As the primary link between heavy-duty vehicles and Windows®-based OEM service applications, this adapter is compatible with the latest vehicle standards – including SAE J1587/J1708 and J1939.

Features

- **Easy connectivity** through your computer's serial port
- Compatible with **heavy-duty and medium-duty** truck diagnostics
- **A low cost alternative** to wireless vehicle link adapters
- **Guaranteed performance** with a one year warranty

Compatible Standards

Heavy-Duty/Medium-Duty Protocols

J1587/J1708
J1939

Basic Heavy-Duty Vehicle Link Adapter

Current PC-based diagnostic applications which are compatible with the heavy-duty Vehicle Link Adapter include:

- Detroit Diesel Diagnostic Link® (DDDL)™
- Cummins Insite® (Ver. 6.2 or greater)
- Caterpillar Electronic Technician® (ET)
- International® MD and Intune
- Bendix® ABS*

- Meritor WABCO Toolbox
- Mack Trucks V-MAC® III Service Diagnostics
- Eaton ServiceRanger
- Eaton MD-300
- Eaton MD-400
- Allison Transmission DOC™

Next release of Bendix ACOM Version 3.0 software

How To Order

For your convenience you can contact us by phone at **248-200-0400** or visit our website at **www.diagnosticinnovations.com**

VL-KIT-01 Includes

Basic Heavy-Duty Vehicle Link Adapter
RP1210A Software Driver
6 ft. 9-pin Serial PC Cable
9-pin Deutsch Vehicle Cable
9-pin to 6-pin Deutsch Adapter
Carrying Case

System Requirements

Connect to PC or PDA

9-pin Serial Cable

Connect to Vehicle

9-pin Deutsch Cable
6-pin Deutsch Adapter
16-pin OBD II Adapter (optional)
8-pin AMP Adapter (optional)

Roadranger
MORE TIME ON THE ROAD™

Eaton Corporation
Roadranger Parts Marketing
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U.S.A.

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MOBILE DIAGNOSTICS

MD-300 Series

The Virtual Heavy-Duty Truck Technician

Eaton MD-300 PC Diagnostic Software

This Eaton MD-300 Series PC Diagnostic software quickly locates and diagnoses the complex problems that affect heavy-duty commercial vehicle electronic systems.

Features

- Three diagnostic functions in one software package
  - Data Monitoring
  - Retrieves fault codes
  - Data Reporting
- Only software on the market that monitors several truck components simultaneously
- Graphic Vehicle Interface (GVI) displays vehicle components and their status. Graph up to four components individually or up to 15 collectively!
- Includes a patent-pending PID search that saves time and eliminates confusion

- Create custom diagnostics and save set-ups
- E-mail or print reports directly from software
- Easy export of data for further analysis
- Easily accessible SAE Database information
- Allows for web-based software upgrades
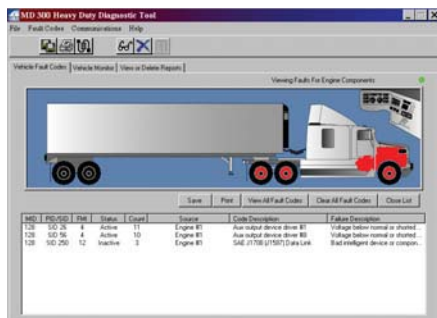- Quickly create, save and retrieve Vehicle Service Reports with various query abilities

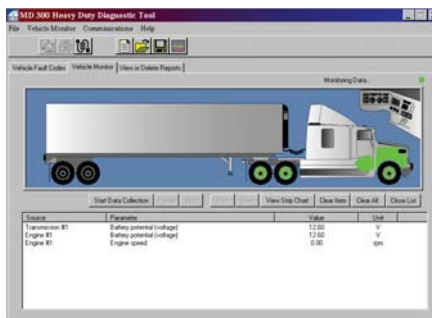## Compatible Standards

Heavy-Duty Protocols

J1587/J1708

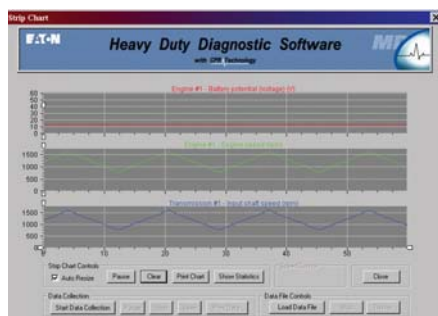# Eaton MD-300 PC Diagnostic Software

The MD-300 is the only diagnostic software on the market that includes a Graphic Vehicle Interface (GVI) that **visually** displays what components are reporting fault codes. Red indicates an active fault code, yellow indicates an inactive fault code, and green indicates no fault codes. You can instantly determine if a failure is affecting more than one system on the vehicle!

Based on these fault codes, MD Tools patented search technology filters out hundreds of unnecessary parameters, allowing the technicians to choose from only those parameters that correspond to the affected component for quicker diagnosis. For more complicated problems, technicians can view 15 parameters at once.

Need an easier way to document vehicle information, fault codes and repair histories? The MD-300 provides it at the touch of a button with Vehicle Service Reports. MD Tools software automatically enters the date and *all* fault codes. You can save, print or email these reports with ease!

Not only does the MD-300 collect data, but it gives you the option of charting this information for faster problem identification and more thorough diagnostics. You can graph this data as you receive it, or you can graph saved information.

System Requirements

A PC should meet the following minimum configuration:

- IBM® PC-compatible computer – Pentium III or equivalent
- 64 Meg of RAM
- 800 x 600 screen resolution
- CD-ROM drive
- 100 megabyte of free space on hard drive
- Operates on Windows 95, 98, 2000, XP, ME and NT

Communication Adapters

The following RP-1210A compliant communications adapters for vehicle diagnostics are recommended:

- Eaton MD-100 series Vehicle Link Adapters

Eaton MD-300 heavy-duty diagnostic software can use any RP1210A compatible communication adapter.

How To Order

For your convenience you can contact us by phone at **248-200-0400** or visit our website at **www.diagnosticinnovations.com**