Heavy-Duty Diagnostic

Product Catalog

A SOLUTION FOR EVERY SITUATION
Table of Contents

Diagnostic Tools 3

Engines 4–5

Transmissions 6

Brakes 6

Light and Medium Trucks 6

Cables and Accessories 7

PC to Vehicle Interfaces 8

Software/Interface Capability 9

Publications/Manuals 10
Introducing the next generation in diagnostic scan tools

The Pro-Link IQ is the new standard in hand-held diagnostic scanning tools for commercial vehicles. This easy-to-use diagnostic tool is designed to help you diagnose your engine, brake, and transmission failures. This is the hardware designed to support today’s vehicles, as well as the more complex vehicles of tomorrow. Using simple menus and message screens, the Pro-Link IQ has been designed to guide technicians through even the most complicated vehicle test.

Key features

• 3.8” Color VGA sunlight readable color display
• Graph up to four selected parameters to view relationships and trends over time
• Display eight lines of data in text mode with GRAPHIQ enhanced applications
• Compatible with existing Multi-Protocol Cartridge and Pro-Link applications which display four lines of data
• View and graph data points simultaneously
• Provides real-time vehicle data in graph or text modes
• RS-232 port for modem connection
• Create custom data lists
• Troubleshoot driveability, ABS, body control and other systems
• On-screen trouble code definitions
• Easy-to-use menus and message screens

Kit includes

• Pro-Link IQ scan tool
• GRAPHIQ Heavy-Duty Standard application —PN 888008
• Power and data cable
• 6-pin Deutsch adapter
• 9-pin Deutsch adapter
• 2-cell battery pack
• CD manual/driver
• Stylus pen
• Carrying case

 PN 188001

The Pro-Link GRAPHIQ

If you’re maintaining an older fleet, the Pro-Link GRAPHIQ is the tool you’re looking for. It has 24 proprietary applications from which to choose. Pro-Link IQ is built for today’s fleet and the fleet of the future, while the Pro-Link GRAPHIQ supports your older fleet vehicles.

Key features

• Larger, sharper color graphics
• More information clearly displayed
• Faster data downloads
• Portable and powerful

Kit includes

• PRO-LINK IQ scan tool
• IQ Heavy-Duty Standard application — PN 888008
• Power and data cable
• 6-pin Deutsch adapter
• 9-pin Deutsch adapter
• 2-cell battery pack
• CD manual/driver
• Stylus pen
• Carrying case

 PN 616001

WABCO and Bendix tractor/trailer anti-lock brake systems

Coverage

• Meritor WABCO Easy-Stop and Enhanced Easy-Stop
• Meritor WABCO D&E Series Tractor
• Bendix EC-30, EC-30T, and EC-17
• Haldex PLC, PLC Plus and PLC Select
• Eaton GEN4 and GEN5
• Wabash National MBS-1P and MBS-2

Conveniently test the following:

• Trailer ABS system with PLC communications
• Auto-detect the OEM’s ECU system configuration
• View and clear current and historic faults
• Actuate modulators and valves
• Cycle of the brake retarder relays

Brake-Link does it all. It’s the all-inclusive diagnostic brake tool that interfaces with:

• WABCO
• Bendix
• Eaton
• Wabash
• Haldex

 PN 116021
When shopping for heavy-duty truck diagnostic applications, most customers are looking for five basic types of information:

- Fault codes
- Customizable parameters
- Proprietary data lists
- Trip data
- Special tests

The NEXIQ applications in this catalog are divided into three categories: Engines, Transmissions, and Brakes. Not all of the applications provide all of the information in exactly the same way, but given the application, you can perform some combination of the following:

- Read proprietary fault codes
- Clear proprietary fault codes
- View data lists (for example, sensors, switch status, proprietary data lists)
- View and reset trip information
- Perform special tests (for example, cylinder tests, injector tests, etc.)

Use the remainder of entries in this section to determine the applications that best meet your requirements.

**Note:** GRAPHIQ application cards and cartridges are not required or compatible with the Pro-Link iQ. They are, however, compatible with older versions of the Pro-Link, the Pro-Link 9000, and the Pro-Link Plus. To work properly, GRAPHIQ application cards require a Multi-Protocol Cartridge (MPC), PN 208040.

### Detroit Diesel—Applications

<table>
<thead>
<tr>
<th>IQ Software</th>
<th>GRAPHIQ Application Card</th>
<th>GRAPHIQ Cartridge</th>
</tr>
</thead>
</table>

**Common Adapter** (see page 7)

- Not included with either kit

**12-pin GM adapter**

- PN 401003

### Caterpillar—Applications

<table>
<thead>
<tr>
<th>IQ Software</th>
<th>GRAPHIQ Application Card</th>
<th>GRAPHIQ Cartridge</th>
</tr>
</thead>
</table>

**9-pin Caterpillar Deutsch 1990–1995**

- PN 401015

**9-pin Caterpillar “T” 1990–1993**

- PN 401014

**GRAPHIQ Adapter** (see Cables, page 7)

- Not included with the kit

**HD/J1962—GM truck w/CAT engines**

- PN 488009

**J1962 for GMC trucks with CAT engine**

- PN 401009

**GRAPHIQ Adapter** (see Cables, page 7)

- Not included with the kit
Engines

International—Applications

IQ Software
International—Engine
1994–2006  PN 888010

GRAPHIQ Application Card
Navistar Navpak
1998–2004  PN 804010

GRAPHIQ Cartridge
Navistar MRD
1994–1998  PN 204032

Kelsey Hayes (International Hydraulic ABS)
1998–2002  PN 208044

Mack—Applications

GRAPHIQ Application Card
V-MAC III (V6.2 Step B)
1999–2004  PN 804011

GRAPHIQ Cartridge
V-MAC II
1995–1998  PN 208037

V-MAC I
1990–1995  PN 203010

Volvo—Applications

GRAPHIQ Application Card
Vectro II
1999–2002  PN 809112

GRAPHIQ Cartridge
VED 12
1987–1998  PN 207031

Heavy-Duty Standard—Application

A generic (i.e., Engines, Transmissions, and Brakes) application that provides access to limited, non-proprietary diagnostic information. Use HDS to:
• Read active fault codes
• Read and clear inactive fault codes
• View non-proprietary parameters
• Read trip information

IQ Software
HDS—Medium/Heavy-Duty Trucks
1989–2007  PN 888008

GRAPHIQ Application Card
HDS—Medium/Heavy-Duty Trucks
1989–2007  PN 806008

The difference between HDS and our other applications:
• It’s generic
• You cannot change parameters or run special tests
• HDS does not support Allison, Isuzu, or Hino
Transmissions

Heavy-Duty Transmission—Applications

The Heavy-Duty Transmission application enables you to view proprietary information and run special tests.

IQ Software

Allison Suite
1K2K, WTEC, CEC1 PN 888005

GRAPHIQ Application Card

Allison WTEC II and III (includes CEC1) PN 805005
Allison CEC I and II PN 804009
ZF Meritor Transmission PN 801017
Dana/Eaton RoadRanger PN 804001

Brakes

Heavy-Duty ABS—Applications

The Heavy-Duty ABS application provides diagnostic ABS information for both tractors and trailers. You can view proprietary information and run special tests.

IQ Software

Meritor WABCO Suite Air and Hydraulic PN 888014

GRAPHIQ Application Card

Meritor WABCO ABS 2.61 W/PLC PN 804014
Meritor WABCO Hydraulic ABS PN 804025
Bendix Application ABS PN 805013
Dana/Eaton RoadRanger PN 804001

Light and Medium Trucks

LMT—Applications

Enhanced coverage for foreign and domestic gas and diesel engines, including the following:

**Ford**
- ’03–’04 6.0L Powerstroke*
- ’99–’03 7.3L Powerstroke

**GM**
- ’01–’04 6.6L Duramax
- ’99–’03 6.5L Diesel

**Chrysler**
- ’99–’04 5.9L Cummins
Also covers transmissions, ABS and airbag systems.

*Pro-Link GRAPHIQ required
Cables and Accessories

Additional Cables and Accessories for Pro-Link iQ

6-pin Deutsch adapter  PN 488024
9-pin Deutsch adapter  PN 488028
HD/1962—GM truck w/ CAT engine PN 488009
OBD II/J1962  PN 488013
AC adapter  PN 488099
Stylus pen  PN 1402-813
2-cell battery pack  PN 4001-018
4-cell battery pack  PN 4001-019
Screen protector  PN 2450-801A
Carrying case  PN 218006

Additional Adapters and Cables for Pro-Link GRAPHIQ

6-pin Deutsch adapter  PN 404024
9-pin Deutsch adapter  PN 405028
J1962 for GMC trucks w/ CAT engine PN 404009
V-MAC II adapter  PN 401000

Common Adapters and Cables for both Pro-Link iQ and GRAPHIQ

HD 2-pin Cummins adapter  PN 401013
HD Caterpillar adapter  PN 401014
9-pin Deutsch to Atari (Cat)  PN 401015
Power and data cable  PN 501002A
Data cable  PN 501003A
Power cable  PN 501004A

The cables included with the kits meet the needs of most customers. If you are uncertain about additional cables (i.e., cables not included with the kit), please contact NEXIQ Technical Support for information and guidance.
USB-Link™

The USB-Link™ is designed to work with all your OEM heavy-duty applications for both your diagnostic and reprogramming needs. So stop looking for an adapter that is application specific because the USB-Link™ works with all of them, and you have a choice of connections wired or wireless up to 100 ft.

Protocol coverage
- J1708
- Dual–J1939/CAN
- Dual–High Speed CAN
- ISO–9141
- KW2000
- J1850
- ALDL

Features
- Easy USB connectivity
- Wireless connectivity thru Bluetooth
- Supports Windows 2000 and XP
- CE compliant

Includes
- USB Link
- 15 ft. USB cable
- Drivers installation CD and guide
- 6- and 9-pin “Y” Deutsch adapter

Optional
- Bluetooth dongle for your PC or Laptop—PN 405001

Wireless Vehicle-Link™

The Wireless Vehicle-Link (WVL) is the first wireless PC-to-vehicle interface for communicating with heavy-duty data bus protocols. The WVL provides a state-of-the-art diagnostic interface for heavy-duty truck applications with a range for up to 300 ft. using 802.11.

Protocol coverage
- J1708
- J1939/CAN
- High Speed CAN
- ISO–9141
- J1850
- ALDL

Features
- Wireless connectivity using 802.11
- 300 ft. range
- Supports Windows 98, 98SE, 2000 and XP
- Network capability

Includes
- Wireless Vehicle Link adapter
- 802.11 PCMCIA card
- 6- and 9-pin Deutsch adapter
- Driver installation CD
- User manual

Additional Adapters for PC to Vehicle Interfaces

- J1962 for GMC trucks w/CAT engine
  PN 444009
- OBD II adapter
  PN 448013
- 6- and 9-pin “Y” Deutsch adapter
  PN 405048
Use the table on the right to check whether the software application you are using is compatible with the PC to vehicle interface tools in the chart. Not all applications are included. If you are unsure about an application not listed, or you need more information, please contact NEXIQ Technical Support. A technical support specialist will be happy to help you make the right choice.

<table>
<thead>
<tr>
<th>Application</th>
<th>USB-Link</th>
<th>WVL</th>
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<tbody>
<tr>
<td>Detroit Diesel Diagnostic Link</td>
<td>✔️</td>
<td>✔️</td>
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<tr>
<td>CAT Electronic Technician</td>
<td>✔️</td>
<td>✔️</td>
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<tr>
<td>Cummins Insite</td>
<td>✔️</td>
<td>✔️</td>
</tr>
<tr>
<td>Hino eXplorer</td>
<td>✔️</td>
<td>N/A</td>
</tr>
<tr>
<td>International MD Fleet</td>
<td>✔️</td>
<td>✔️</td>
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<tr>
<td>V-MAC Service Tools</td>
<td>✔️</td>
<td>✔️</td>
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<tr>
<td>VCAD Elite Mack/Volvo</td>
<td>✔️</td>
<td>✔️</td>
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<tr>
<td>Allison DOC (1939–1k/2k)</td>
<td>✔️</td>
<td>✔️</td>
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<tr>
<td>Allison DOC (J1850–1k/2k)</td>
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<tr>
<td>Allison DOC (1708–WTEC)</td>
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<tr>
<td>Eaton ServiceRanger</td>
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<tr>
<td>Bendix Acom</td>
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<tr>
<td>WABCO Toolbox</td>
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<tr>
<td>Freightliner ServiceLink</td>
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<tr>
<td>International ABS</td>
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<tr>
<td>International DLB</td>
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<td>International Intune</td>
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NEXIQ Fault Code Guide

You've been looking for better fault code information. Now you've got it.

Everyone in the industry has been looking for that one place to find the medium and heavy-duty fault code information they need. Now that "one place" is here—the NEXIQ Fault Code Guide. This newly published reference guide from NEXIQ Technologies® consolidates medium and heavy-duty fault code information into one book.

Pro-Link iQ CD Manual/Drivers

PN 858089

A collection of all Pro-Link iQ application and user manuals.

Included with Pro-Link iQ kit and any iQ application

Pro-Link Product Information CD

PN 857049

A collection of more than 10 current user manuals in portable document format (PDF). Included is the most up-to-date version of the Adobe Reader. This CD enables you to get the product information you need quickly on CD. You can also print individual pages for quick reference.

Included with Pro-Link GRAPHIQ kit

Pro-Link Training DVD

PN 915002

A quick overview of Pro-Link features for first-time Pro-Link users.

Included with Pro-Link GRAPHIQ kit
Repair and Service Procedure

The NEXIQ Product Service Department is always happy to help with your repair and service needs.

NEXIQ requires a RMA (Return Materials Authorization) process for the NEXIQ Product Service Department. For all repairs and rework, we require a RMA number to be issued. To obtain an RMA number, please call 1-800-639-6774 and select option 3. This will take you to the Product Service Department who will then take your information and issue an RMA number. If the repair or rework is out of warranty, a credit card or COD authorization must be provided to cover the cost of the repair. The customer is responsible for all shipping and handling charges on non-warranty repairs and rework.

The RMA number MUST appear clearly on the outside of the shipping box when being shipped to NEXIQ. Any package sent to the NEXIQ Product Service Department without an RMA number on the shipping box, will be REFUSED and returned to sender, unopened.

NEXIQ will make every effort to repair and/or replace the items returned with a proper RMA number within 48 hours of receipt. We appreciate your co-operation in this continued effort to provide efficient, timely product service and support.

NEXIQ offers the following support:
- FAQs and troubleshooting at www.nexiq.com
- FREE technical support during business hours (EST)
- FREE training DVD with kit purchase