COMMERCIAL VEHICLE DIAGNOSTIC
PRODUCT CATALOG

TUNE UP YOUR BUSINESS!

NEXIQ TECHNOLOGIES™
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Pro-Link iQ™ Kit


Pro-Link iQ is designed to help diagnose engine, brake, and transmission failures. This easy-to-use, advanced tool is engineered to support today’s commercial vehicles as well as the more complex vehicles of tomorrow. Using clear menus and message screens, the Pro-Link iQ guides technicians through the most complicated vehicle tests.

Key functions and features:
- Large, sharp color graphics
- Information clearly displayed
- Fast data downloads
- Portable and powerful

Kit includes:
- Pro-Link iQ scan tool
- iQ Heavy-Duty Standard application
- Power and data cable
- Power supply
- 6-pin Deutsch adapter
- 9-pin Deutsch adapter
- 2-cell battery pack
- CD manual/driver
- Stylus pen
- Carrying case

Pocket iQ™

The quick and convenient way to gather critical truck performance data.

Whether covering a large fleet or monitoring just a truck or two, the compact Pocket iQ makes it easy to collect operating information. With its advanced capabilities, touch-screen technology, and clear message and menu screens, the Pocket iQ reports critical engine, brake, and transmission functions. It also stores and accesses vital facts and figures, fault codes, and more.

In addition, the Pocket iQ can be customized to gather only the specific data a fleet needs. Collect as much—or as little—information as wanted. Smart and versatile, the Pocket iQ puts data at your fingertips.

Key functions and features:
- Monitors all vehicle data
- Checks engine speed and load, pressures, temperatures, and more
- Reads active fault codes
- Reads and clears inactive fault codes
- Displays trip data
- Collects and stores data from multiple vehicles
- Stores data in PDF or text format
- Supports J1708 and J1939 communication

Kit includes:
- Pocket iQ scan tool
- Heavy Duty Standard
- 6-pin Deutsch adapter
- 9-pin Deutsch adapter
- CD manual/driver
- Stylus pen
- Carrying case

Pocket iQ™ Complete ABS Kit

Monitor tractor/trailer anti-lock brake systems.

Versatile and reliable, the Complete ABS Kit is the all-inclusive diagnostic brake tool that works with popular anti-lock brake systems (ABS), including Meritor WABCO®, Bendix®, Wabash, Haldex, and Eaton.

Capabilities:
- Test trailer ABS systems with PLC communications
- Auto-detect the OEM’s ECU system configuration
- Reads active fault codes
- Reads and clears inactive fault codes
- Actuate modulators and valves
- Test the brake retarder relay cycle

Interfaces with these systems:
- Bendix EC-60, TABS 6, EC-30, EC-30T, and EC-17
- Meritor WABCO Easy-Stop and Enhanced Easy-Stop
- Meritor WABCO D&E Series Tractor
- Haldex PLC, PLC Plus, and PLC Select
- Eaton GEN4 and GEN5
- Wabash National MBS-1P and MBS-2

Note: Kit includes J560 PLC Adapter—PN 602020

Buy it all or as much as you need:
- Pocket iQ ABS Kit, includes: Pocket iQ, ABS Suite, J560 PLC Adapter—PN 692021
- ABS Kit, includes: ABS Suite, J560 PLC Adapter—PN 692020
- ABS Suite, PN 892021
- J560 PLC Adapter—PN 602020 (can be purchased separately)
When considering heavy-duty truck diagnostic applications, most customers look for five basic types of information:

- Fault codes
- Customizable parameters

The NEXIQ applications in this catalog are divided into three categories—engines, transmissions, and brakes. The applications do not all provide information in exactly the same format, however, some combination of the following operations can be performed by each application.

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

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

### Engines

#### Detroit Diesel Applications

<table>
<thead>
<tr>
<th>iQ Software</th>
<th>Description</th>
<th>PN</th>
</tr>
</thead>
<tbody>
<tr>
<td>DDEC VI/MBE</td>
<td>2007–2009</td>
<td>PN 889015</td>
</tr>
<tr>
<td>DDEC MBE</td>
<td>2001–2006</td>
<td>PN 889031</td>
</tr>
</tbody>
</table>

#### International Applications

<table>
<thead>
<tr>
<th>iQ Software</th>
<th>Description</th>
<th>PN</th>
</tr>
</thead>
<tbody>
<tr>
<td>Navistar MaxxForce®</td>
<td>2007–2012</td>
<td>PN 883009</td>
</tr>
<tr>
<td>Navistar MaxxForce® Update</td>
<td>Current owners of the Navistar MaxxForce application can purchase the application update.</td>
<td>PN 883009U</td>
</tr>
<tr>
<td>International® Engines</td>
<td>1994–2006</td>
<td>PN 889010</td>
</tr>
</tbody>
</table>

#### Caterpillar Applications

<table>
<thead>
<tr>
<th>iQ Software</th>
<th>Description</th>
<th>PN</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAT® ACERT™</td>
<td>2003–2009</td>
<td>PN 880024</td>
</tr>
<tr>
<td>CAT Electronic Engines</td>
<td>1990–2003</td>
<td>PN 889024</td>
</tr>
</tbody>
</table>

#### Mack, Volvo, Cummins, and Other Applications

NEXIQ is pleased to offer the Heavy Duty Standard application for use with Mack, Volvo, Cummins, and other engines. Please see the Heavy Duty Standard application on page 5 for details.

<table>
<thead>
<tr>
<th>Common Adapters</th>
<th>Description</th>
<th>PN</th>
</tr>
</thead>
<tbody>
<tr>
<td>12-pin GM adapter</td>
<td></td>
<td>PN 481003</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Common Adapters</th>
<th>Description</th>
<th>PN</th>
</tr>
</thead>
<tbody>
<tr>
<td>9-pin Caterpillar® Deutsch</td>
<td>1990–1995</td>
<td>PN 401015</td>
</tr>
<tr>
<td>9-pin Caterpillar “T”</td>
<td>1990–1993</td>
<td>PN 401014</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>iQ Adapter</th>
<th>Description</th>
<th>PN</th>
</tr>
</thead>
<tbody>
<tr>
<td>HD/J1962—GM truck with CAT engines</td>
<td></td>
<td>PN 481009</td>
</tr>
</tbody>
</table>
NEXIQ offers Heavy Duty Standard (HDS) generic applications covering engines, transmissions, and brakes that provide access to limited, non-proprietary diagnostic information.

**HDS capabilities:**
- Read active fault codes
- Read and clear inactive fault codes
- View non-proprietary parameters
- Read trip information

The difference between HDS and other NEXIQ applications:
- Generic
- Parameters cannot be changed
- Special tests cannot be run
- Does not support Allison
- Supports Isuzu and Hino only for EPA 2010

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**Heavy Duty Transmission Applications**

- **IQ Software**
  - Allison Suite
    - GEN IV, 1K/2K, WTEC, CEC1
  - Allison Suite Update
    - Current owners of the Allison Suite can purchase the application update.
    - PN 883005U

**Heavy Duty ABS Applications**

- **IQ Software**
  - J560 PLC Adapter
    - PN 602020

**Light and Medium Duty Trucks**

NEXIQ offers Heavy Duty Standard (HDS) generic applications covering engines, transmissions, and brakes that provide access to limited, non-proprietary diagnostic information.

**Light and Medium Duty (LMT) Applications**

- **IQ Software**
  - J1939 HDS
    - Medium and Heavy Duty Trucks
    - 2004–Current
    - PN 883007
  - J1939 HDS Update
    - Current owners of the J1939 application can purchase the application update.
    - PN 883007U
  - J1587/J1708 HDS
    - Medium and Heavy Duty Trucks
    - 1989–2009

**Light and Medium Duty (LMT) Applications**

- **IQ Software**
  - LMT Enhance Ford, GM, and Isuzu
    - 2001–2009
    - Includes OBD II
    - J1962 cable
    - PN 881048
    - PN 481013

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

- **Ford**
  - 7.3 Liter Powerstroke
  - 6.4 Liter Powerstroke
  - 6.0 Liter Powerstroke

- **GM**
  - 8.1 Liter
  - 6.6 Liter Duramax

- **Isuzu**
  - 7.8 Liter Diesel
  - 5.2 Liter Diesel
  - Transmissions and ABS coverage

**GM brakes and transmission**

- C1500–C7500
- P chassis
- Workhorse

**Ford brakes and transmission**

- F250–F750
- E250–E450

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**Heavy Duty Transmission Applications**

- **IQ Software**
  - Meritor WABCO® Suite
    - Air and Hydraulic
    - PN 888014
  - Bendix® Air ABS
    - PN 889013
  - Trailer ABS Suite
    - Haldex, Eaton, Wabash National
    - PN 882021

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**Light and Medium Duty Trucks**

- **IQ Software**
  - Allison Suite
    - GEN IV, 1K/2K, WTEC, CEC1
  - Allison Suite Update
    - Current owners of the Allison Suite can purchase the application update.
    - PN 883005U

- **IQ Software**
  - Allinon Suite
    - GEN IV, 1K/2K, WTEC, CEC1
  - Allison Suite Update
    - Current owners of the Allison Suite can purchase the application update.
    - PN 883005U
Cables and Accessories

Additional cables and accessories for Pro-Link iQ

The cables included with the Pro-Link iQ kits meet the needs of most customers. Please contact NEXIQ technical support for information and assistance regarding the need for any additional cables.

6-pin Deutsch adapter
PN 488024

9-pin Deutsch adapter
PN 482028

HD/J1962
PN 481009

OBD II/J1962
PN 481013

AC adapter
PN 488099

Stylus pens (3-Pack)
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 210007

9-pin to 6-pin Deutsch adapter
PN 404002

US13 MACK/Volvo OBD II
PN 483023

P30 Workhorse OBD II
PN 481019

Power and data cable
PN 501002A

Data cable
PN 501003A

Power cable
PN 501004A

J560 PLC adapter
PN 602020

Adapters and cables for Pro-Link iQ

8-pin AMP adapter
PN 401012

9-pin AMP adapter
PN 401016

DDEC Marine adapter
PN 409007

J560 PLC cable
PN 42001
NEXIQ Fault Code Guide
PN 909008

Key features:
• MID, PID, SID, and FMI industry-standard descriptions with NEXIQ Pro-Link cross-reference
• Diagnostic trouble codes for engines, transmissions, and anti-lock brake systems in one place
• Sensor descriptions and illustrations
• List of acronyms and abbreviations

Pro-Link iQ CD Manuals and Drivers
PN 850089

A collection of all the Pro-Link iQ applications and application user manuals. Included with the Pro-Link iQ kit and all iQ applications.
The USB-Link is designed to work with all OEM heavy-duty applications for diagnostics and reprogramming. There is no need to find an application-specific adapter. Choose from wired or wireless (up to 100 ft.) connections.

**Protocol Coverage**
- Dual–J1939/CAN
- Dual–high speed/CAN
- Dual ISO 15765
- J1708
- ISO 9141
- KW2000
- J1850
- ALDL
- ATEC 160
- And others

**API Support**
- RP1210A/B
- J2534-2

**Features**
- Easy USB connectivity
- 100-ft. range
- Wireless connectivity through Bluetooth®
- Supports Windows® XP and Windows® 7 32- and 64-bit versions
- CE compliant

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

**Optional**
- Bluetooth Dongle for PC or laptop  PN 405001

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The Wireless Vehicle Link 2 (WVL2) is a state-of-the-art PC-to-vehicle interface for communicating wirelessly with heavy-duty data bus protocols. The WVL2 provides a range of up to 300 ft. using 802.11.

**Protocol Coverage**
- Dual–J1939/CAN
- Dual–high speed/CAN
- Dual ISO 15765
- J1708
- ISO 9141
- KW2000
- J1850
- ALDL
- ATEC 160
- And others

**Features**
- Wireless connectivity using 802.11
- 300-ft. range
- Supports Windows® XP and Windows® 7 32- and 64-bit versions
- Network capability
- CE compliant

**Includes**
- WVL2
- 15-ft. USB cable
- Drivers, installation CD, and installation guides
- 6- and 9-pin “Y” Deutsch adapter
Additional Adapters for PC-to-Vehicle Interfaces

- J1962 for GMC trucks with CAT engines
  - OBD II adapter
  - PN 441009
- 6" data cable
  - PN 506103
- 1 meter 9-Pin Deutsch adapter
  - PN 402001
- 6- and 9-pin "Y" Deutsch adapter 1 meter
  - PN 402048
- 3-pin Deutsch adapter
  - PN 441033
- 6-Pin Deutsch adapter
  - PN 402096
- 9-pin Deutsch adapter
  - PN 442097
- 9-pin Caterpillar adapter
  - PN 448015
- P30 Workhorse OBD II
  - PN 441019
- US13 MACK/Volvo OBD II
  - PN 442023

Software Interface Capability

Refer to the following table to check whether a particular software application is compatible with the PC-to-interface tools in the chart.*

Not all applications are included. If compatibility confirmation is required, more information is needed, or there are questions about an unlisted application, please contact NEXIQ technical support. A specialist will help you make the right choice.

* Not all applications will support 64-bit versions of Windows®.

<table>
<thead>
<tr>
<th>Application</th>
<th>USB-Link</th>
<th>WVL2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detroit Diesel Diagnostic Link</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>CAT Electronic Technician</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Cummins Insite</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Hino eXplorer</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>International ServiceMaxx</td>
<td>●</td>
<td>●</td>
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<tr>
<td>V-MAC Service Tools</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Volvo PTT</td>
<td>●</td>
<td>●</td>
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<tr>
<td>Allison DOC (1939-1k/2k)</td>
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<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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<td>●</td>
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<tr>
<td>Allison DOC (ATEC)</td>
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<tr>
<td>Allison DOC for PC (AED)</td>
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<td>NA</td>
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<td>Eaton ServiceRanger</td>
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<td>Bendix Acom</td>
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<tr>
<td>WABCO Toolbox</td>
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<td>Freightliner ServiceLink</td>
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<td>●</td>
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<tr>
<td>International ABS</td>
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<td>●</td>
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<tr>
<td>International DLB</td>
<td>●</td>
<td>●</td>
</tr>
</tbody>
</table>

* Not all applications will support 64-bit versions of Windows®.
The NEXIQ™ Customer Service Department is ready to help with your repairs and service.

NEXIQ requires a Return Materials Authorization (RMA) for the NEXIQ Customer Service Department. We require an RMA number for all repairs and rework. To obtain an RMA number, please call 1-800-639-6774 and select Option 3. This will take you to the Customer Service Department, which will take your information and issue an RMA number. If the repair or rework is out of warranty, a credit card or P.O. 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.

We appreciate your cooperation in our continued effort to provide efficient and timely product service and support.

**NEXIQ offers the following support:**

- FAQs and troubleshooting at www.nexiq.com
- Free technical support during business hours (EST)