

COMMERCIAL VEHICLE DIAGNOSTIC

PRODUCT CATALOG



NEXIQ
TECHNOLOGIES™

A SOLUTION FOR EVERY SITUATION

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Diagnostic Tools



PN 188001

Pro-Link iQ™ Kit

Smarter. Easier. Essential. The recognized standard in diagnostic scan tools.

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



PN EED181030S

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

The Pocket iQ is available exclusively through Snap-on for six months after release date.



PN 111021

Brake-Link® Tractor/Trailer ABS

Monitor tractor/trailer anti-lock brake systems.

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

Brake-Link simplifies and expedites the brake troubleshooting process by addressing all trailer ABS systems and PLC communication.

Brake-Link 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

Brake-Link 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

Heavy-Duty Truck Diagnostic Applications



When considering heavy-duty truck diagnostic applications, most customers look for five basic types of information:

- Fault codes
- Customizable parameters

- Proprietary data lists
- Special tests
- Trip data

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



Common Adapter (see page 6)
Not included

12-pin GM adapter
PN 401003



iQ Software

DDEC VI/MBE
2007–2009 PN 889015

DDEC Suite—DDEC III, IV, V
1995–2006 PN 888015

DDEC MBE
2001–2006 PN 889031

International—Applications



iQ Software

Navistar® MaxxForce®
2007–2009 PN 881009

International® Engines
1994–2006 PN 880010

Caterpillar—Applications



Common Adapters (see page 6)
Not included

9-pin Caterpillar® Deutsch
1990–1995 PN 401015

9-pin Caterpillar “T”
1990–1993 PN 401014



iQ Software

CAT® ACERT™
2003–2009 PN 880024

CAT
1990–2003 PN 889024

iQ Adapter (see Cables, page 6)
Not included

HD/J1962—GM truck with CAT engines
PN 488009

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.

Transmissions



Heavy-Duty Transmission—Applications

Heavy-Duty Transmission applications allow viewing of proprietary information and the running of special tests.



iQ Software

Allison Suite
GEN IV, 1K/2K,
WTEC, CEC1 PN 888005

GEN IV Provides fault codes only

Brakes



Heavy-Duty ABS—Applications

Heavy-Duty ABS applications provide diagnostic ABS information for both tractors and trailers. They allow viewing of proprietary information and running of special tests.



iQ Software

Meritor WABCO® Suite
Air and Hydraulic PN 888014

Bendix® Air ABS
PN 889013

PLC Converter Kit*

PN 601020



*Required for newer trailers

Light- and Medium-Duty Trucks



Heavy-Duty Standard Applications

NEXIQ offers Heavy-Duty Standard (HDS) generic applications covering engines, transmissions, and brakes that provides 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



iQ Software

J1939 HDS—
Medium- and Heavy-Duty Trucks
2004–Current PN 889008

J1587/J1708 HDS—
Medium- and Heavy-Duty Trucks
1989–2009 Included

Light- and Medium-Duty (LMT) Applications



iQ Software

LMT—Enhance Ford, GM, and Isuzu
2001–2009 PN 880048
Includes OBD II
J1962 cable PN 488013

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

Ford

- 7.3 Liter Powerstroke
- 6.4 Liter Powerstroke
- 6.0 Liter Powerstroke

GM and Isuzu

- 8.1 Liter
- 6.6 Liter Duramax
- 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

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 488028



HD/J1962
PN 488009



OBD II/J1962
PN 488013



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 218006

Adapters and cables for Pro-Link iQ



12-pin adapter
PN 401003



2-pin Cummins adapter
PN 401013



Caterpillar adapter
PN 401014



9-pin Deutsch adapter (CAT)
PN 401015



8-pin AMP adapter
PN 401012



9-pin AMP adapter
PN 401016



DDEC Marine adapter
PN 409007



J560 PLC cable
PN 421001



Power and data cable
PN 501002A



Data cable
PN 501003A



Power cable
PN 501004A



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.

PC-to-Vehicle Interfaces



USB-Link™

PN 125032



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

USB-Link™ Accessories

PN 2600-001



Protect your USB-Link and make it easier to use with two low-cost accessories.

USB-Link Protective Cover

This snug-fitting cover shields the USB-Link from damage and helps keep it clean.

Features

- Made of durable silicone
- Lightweight and weatherproof
- Easy to slip on

PN 1402-210



USB-Link Cable Restraint

This handy restraint helps prevent damage to the USB connector providing an extra level of protection and prolonging the life of the connector.

Features

- Easy to mount
- Rugged and durable

USB-Link Accessory Kit

Order the Accessory Kit and get both items.

PN 640032

Wireless Vehicle Link 2™

PN 129048



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

API Support

- RP1210A/B
- J2534-2

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
PN 444009



OBD II adapter
PN 448013



6- and 9-pin "Y" Deutsch adapter
PN 405048



3-pin Deutsch adapter
PN 448033



6" data cable
PN 506103



6-Pin Deutsch adapter
PN 402096



9-pin Deutsch adapter
PN 405097



9-pin Caterpillar adapter
PN 448015

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®.

Application	USB-Link	WVL2
Detroit Diesel Diagnostic Link	•	•
CAT Electronic Technician	•	•
Cummins Insite	•	•
Hino eXplorer	•	•
International ServiceMaxx	•	•
V-MAC Service Tools	•	•
Volvo PTT	•	•
Allison DOC (1939-1k/2k)	•	•
Allison DOC (J1850-1k/2k)	•	•
Allison DOC (1708-WTEC)	•	•
Allison DOC (ATEC)	•	•
Allison DOC for PC (AED)	•	NA
Eaton ServiceRanger	•	•
Bendix Acom	•	•
WABCO Toolbox	•	•
Freightliner ServiceLink	•	•
International ABS	•	•
International DLB	•	•
International Intune	•	•

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

Repair and Service Procedures

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 1. 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)



VISIT WWW.NEXIQ.COM OR CALL:  **800.639.6774**