# FIX TRUCKS FASTER

## COMMERCIAL VEHICLE DIAGNOSTIC
PRODUCT CATALOG

# NEXIQ
### TECHNOLOGIES™

# SIMPLIFIED SOLUTIONS TO IMPROVE TECHNICIAN REPAIR EFFICIENCY.

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# eTechnician™

PN 855008

The eTechnician™ HD diagnostic software application provides service bay technicians with the ability to perform heavy-duty diagnostics using both J1708 and J1939 communication protocols on a PC platform.

It's one-stop shopping for the basic functions required to diagnose most SAE J1708/J1587 and SAE J1939 EPA '07 and newer electronic controlled engines, including comprehensive coverage for heavy-duty engines, transmissions, brakes, trailers, body controllers, instrument clusters, and emissions. Emission-related diagnostic capability for a wide range of light and medium-duty trucks is also available. And eTechnician HD enables the technician to easily switch between each of the elements of the system.

## Benefits

- Scans all the electronic modules on the vehicle.
- Includes a "quick launch" utility that enables you to launch OEM software applications from within the application.
- Intuitive, easy-to-use interface.

## Features

- Read active fault codes
- Read and clear inactive fault codes*
- View non-proprietary parameters
- View trip information
- Create custom parameter lists
- Graph non-proprietary parameters
- Log fault codes and parameters
- Create log notes and save to vehicle history

  *Does not clear fault codes on Caterpillar® electronic engines.

NOTE: eTechnican HD does not support special tests or programmable parameters.
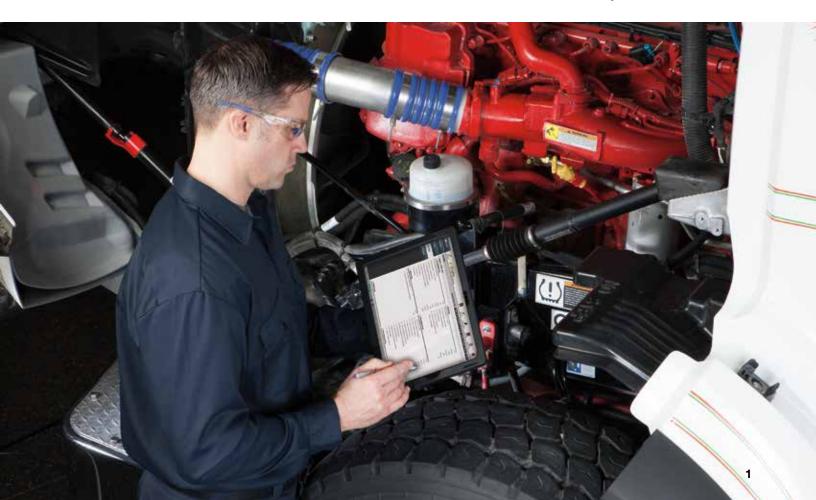
## Supported Interface Adapters

The following interface adapters have been tested with eTechnician HD:

- NEXIQ USB-Link™ 2: Bluetooth® Edition
- NEXIQ USB-Link 2: Wi-Fi Edition
- NEXIQ USB-Link
- NEXIQ WVL2™
- Other RP1210 compliant devices

## Coverage

eTechnician HD provides support for a wide array of heavy-duty vehicle systems.

- Detroit Diesel
- Caterpillar (on highway)
- Cummins
- Mack
- Volvo
- Hino
- Navistar
- Meritor WABCO
- Bendix
- Haldex
- Allison Transmissions
- Eaton
- Freightliner

# USB-Link™ 2

## MAKE THE CONNECTION EASIER AND EVEN BETTER THAN EVER.

Our USB-Link product line is the leading commercial vehicle communication interface in the market, with more than 135,000 units sold since 2007. Dependable and rugged, the recently introduced USB-Link 2 is available in both Bluetooth® and Wi-Fi editions. The Bluetooth module supports wireless communication via an enhanced data rate (500K b/s J1939) while the Wi-Fi module supports dual band communication (802.11 a/b/g/n).

For even more reliability, we've upgraded the USB connector to a more robust, automotive grade connector with a latching mechanism, and it's compatible with a wide range of OEM software applications.

**THE USB-LINK 2—A TRULY VERSATILE TOOL.**

### USB-Link 2 Bluetooth Edition

PN 124032

**Vehicle Network Protocol Support**

- CAN / J1939 / ISO15765 – 250K, 500K, 1M b/s with Auto Baud detection (3 channels)
- Single wire CAN (SWCAN)
- ISO 11898-3 Fault Tolerant CAN (FTCAN)
- J1708
- J1850 VPW (Class 2)
- J1850 PWM (SCP)
- ISO 9141 / KWP2000 (ISO 14230) K/L line
- ALDL 9600 and 8192 baud
- ATEC 160 baud

**Operating System Support**

- Windows® Vehicle Communication API
  - RP1210 a/b/c
  - J2534 (2004 draft)
  - J2534-1 partial implementation (commercial vehicle-focused)
- PC Operating System Compatibility
  - Windows 7 (32 & 64 bit)
  - Windows 8 (32 & 64 bit)
  - Windows 10 (32 & 64 bit)
- Interfaces to Computing Platforms
  - USB 2.0
  - Bluetooth 2.1 + EDR

### USB-Link 2 Wi-Fi Edition

PN 124034

**Vehicle Network Protocol Support**

- CAN / J1939 / ISO15765 – 250K, 500K, 1M b/s with Auto Baud detection (3 channels)
- Single wire CAN (SWCAN)
- ISO 11898-3 Fault Tolerant CAN (FTCAN)
- J1708
- J1850 VPW (Class 2)
- J1850 PWM (SCP)
- ISO 9141 / KWP2000 (ISO 14230) K/L line
- ALDL 9600 and 8192 baud
- ATEC 160 baud

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- PC Operating System Compatibility
  - Windows 7 (32 & 64 bit)
  - Windows 8 (32 & 64 bit)
  - Windows 10 (32 & 64 bit)
- Interfaces to Computing Platforms
  - USB 2.0
  - Wi-Fi (dual band)

**Both USB-Link 2 editions, Bluetooth and Wi-Fi, come with the following:**

Latching USB Cable (PN 404032)

6- and 9-pin Deutsch Adapter (PN 493148)

### 6- and 9-Pin Deutsch Adapter
PN 493148

Standard adapter for most heavy-duty vehicles.
6-Pin Adapter—Covers 1995 to present Class 4-8 heavy-duty OEM and Tier 1 suppliers; J1708, ALDL, 160 Baud.
9-Pin Adapter—Covers 1998 to present Class 4-8 heavy-duty OEM and Tier 1 suppliers; J1708, J1939, CAN1, CAN2, CAN3.

### 9-pin Deutsch Adapter (Locking)
PN 493001

9-pin Deutsch locking adapter for use with the USB-Link 2.
1998 to Present Class 4-8 Heavy Duty OEM and Tier 1 suppliers; J1708, J1939, CAN1, CAN2, CAN3.

### 9-pin Deutsch Adapter
PN 493028

Standard 9-pin Deutsch for use with the USB-Link 2.
1998 to Present Class 4-8 heavy-duty OEM and Tier 1 suppliers; J1708, J1939, CAN1, CAN2, CAN3.

### 6-pin Deutsch Adapter
PN 494024

Standard 6-pin Deutsch adapter for use with the USB-Link 2.
1995 to present Class 4-8 heavy-duty OEM and Tier 1 suppliers; J1708, ALDL, 160 Baud.

### J1962 Adapter (16-pin OBD II)
PN 493013

16-pin J1962 (OBD II) adapter.
Supports connection to all J1962 vehicles (Ford, GM, Dodge, Volvo/MACK, Isuzu, Hino).

### 9-Pin Deutsch Caterpillar "T" Adapter
PN 493014

9-pin Deutsch Caterpillar "T" adapter for use with the USB-Link 2.
For use with pre-1996 Caterpillar engines when a diagnostic connector is not located inside the cab of the vehicle.

### CAT 9-Pin Adapter
PN 493015

9-pin adapter for use with older CAT engines.
Pre-1996 Caterpillar engines.

### Volvo 8-pin Adapter
PN 493020

8-pin adapter for use with Volvo trucks.
This adapter is typically used outside the U.S.

### Komatsu 12-pin Adapter
PN 493021

12-pin adapter for use with Komatsu equipment with Cummins engines.

### Volvo 14-pin Adapter
PN 493022

14-pin adapter for use with Volvo trucks.
This adapter is typically used outside the U.S.

### DDEC Marine Adapter (Locking)
PN 493007

Locking adapter for use with Detroit Diesel marine applications.

### 3-pin Deutsch, 2-pin Cummins Adapter
PN 493033

For use with Cummins engines with either a J1939 3-pin Deutsch or a 2-pin adapter.

# Pocket iQ™
PN 181080

# Pocket iQ
COMPLETE ABS KIT
PN 695021

## 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 604020

### Buy it all or as much as you need:
- Pocket iQ ABS Kit, includes: Pocket iQ, ABS Suite, J560 PLC Adapter – PN 695021
- ABS Kit, includes: ABS Suite, J560 PLC Adapter – PN 695020
- ABS Suite, PN 895021
- J560 PLC Adapter – PN 604020 (can be purchased separately)

## Caterpillar® Applications

### Caterpillar® Engines Suite:
1990-2009
Includes:
- CAT® Engines with ACERT Technology
- Caterpillar Electronic Engines

PN 693024SO

## Detroit Diesel Applications

### DDEC® Engines Suite:
1990-2013
Includes:
- DDEC Engines II, III, IV, V
- Detroit Diesel MBE
- DDEC Engines 6, 10, 13*
  *Available as an update to the DDEC Engines Suite in 2014

PN 693015SO

## International® Applications

### NAVISTAR® Suite:
1994-2012
Includes:
- International Engines (1, 2, 3 Box)
- NAVISTAR MaxxForce®

PN 693010SO

## Heavy Duty ABS Applications

### ABS Suite
Includes:
- Trailer ABS Suite
- Bendix ABS Suite
- WABCO Suite

PN 895021

## Heavy Duty Standard Applications

### Heavy Duty Standard and OBII Suite Upgrade

PN 893008U

**6-Pin Deutsch Adapter**
PN 488024

6-pin Deutsch adapter for use with the Pro-Link iQ™ and the Pocket iQ™. 1995 to present Class 4-8 heavy-duty OEM and Tier 1 suppliers; J1708, ALDL, 160 Baud.

**9-Pin Deutsch Adapter**
PN 482028

Replaces PN 488028. 9-pin Deutsch adapter for use with the Pro-Link iQ and the Pocket iQ. 1998 to present Class 4-8 heavy-duty OEM and Tier 1 suppliers; J1708, J1939, CAN1, CAN2.

**16-pin J1962 Adapter for Heavy-Duty Trucks** – PN 481009

16-pin J1962 heavy-duty adapter for use with the Pro-Link iQ and the Pocket iQ. 1996 to present. For use with heavy-duty trucks (GM trucks with Caterpillar engines, and Ford F series trucks with Caterpillar or Cummins engines).

**16-pin J1962 Adapter for Light- and Meduim-Duty Trucks**
PN 481013

16-pin J1962 adapter for use with the Pro-Link iQ and the Pocket iQ. For use with light- and medium-duty trucks (Ford, GM, OBDII, Fuzo, Isuzu, UD and Hino).

**Volvo 8-Pin Adapter**
PN 483020

8-pin adapter for use with Volvo trucks. This adapter is typically used outside the U.S.

**Volvo 14-Pin Adapter**
PN 483022

14-pin adapter for use with Volvo trucks. This adapter is typically used outside the U.S.

**Komatsu 12-Pin Adapter**
PN 483021

12-pin Komatsu adapter for use with the Pro-Link iQ and the Pocket iQ. Komatsu equipment with Cummins engines.

**OBD II Adapter for US13 MACK/Volvo Powered Trucks**
PN 483023

OBD II adapter for use with the Pro-Link iQ. 2013 to present. Connects to US13 MACK/Volvo trucks and with Volvo engines.

**P-30 Workhorse (OBD II) Adapter**
PN 481019

P-30 Workhorse adapter for use with the Pro-Link iQ. Connects to Workhorse chassis with 6.5 liter engines, 4L80E transmissions, and anti-lock brake systems (ABS).

**Universal J560 PLC Adapter**
PN 604020

Extends the capability of J1708/J1587 diagnostic tools to support J2497 Power Line Carrier (PLC) communication. For use with trailers with PLC communications.

**J560 7-Way PLC Cable**
PN 424001

Replaces PN 421001. 7-way PLC cable set for use with the Universal J560 PLC Adapter. Used to connect to Anti-lock Brake Systems (ABS) on trailers equipped with Power Line Carrier (PLC) manufactured after March of 2001.

**12-pin Adapter**
PN 481003

Replaces PN 401003. 12-pin adapter for use with the Pro-Link iQ and the Pocket iQ. Connects to pre-1996 Detroit Diesel engines and pre-1996 Allison transmissions.

**Cummins 2-Pin Adapter**
PN 401013

2-pin adapter for use with the Pro-Link iQ and the Pocket iQ. Connects to pre-1996 Cummins engines.

**Caterpillar "T" Adapter**
PN 401014

Pre-1996 (Connects to Caterpillar engines).

**CAT 9-Pin Deutsch Adapter**
PN 401015

9-pin Deutsch adapter for use with the Pro-Link iQ and the Pocket iQ. Connects to pre-1996 Caterpillar engines.

**Power and Data Cable**
PN 501002A

Power and data cable for use with the Pro-Link iQ and the Pocket iQ.

**Data Cable**
PN 501003A

Data cable for use with the Pro-Link iQ and the Pocket iQ.

**Power Cable**
PN 501004A

Power cable for use with the Pro-Link iQ and the Pocket iQ.

**AC Adapter**
PN 481090

**Pocket iQ EZ-pack Battery**
PN 4001-021