

# FIX TRUCKS FASTER



## COMMERCIAL VEHICLE DIAGNOSTIC 2019 PRODUCT CATALOG



# SIMPLIFIED SOLUTIONS TO IMPROVE TECHNICIAN REPAIR EFFICIENCY.

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## DIAGNOSTIC TOOLS



# Pocket HD™

Quick and Convenient Access to Critical Truck Performance Data

POCKET  
HD

PN 188080



The Pocket HD handheld scan tool provides immediate access to critical diagnostic information. Pocket HD comes loaded with both Heavy Duty Standard (HDS) and Light and Medium Truck 2016 (LMT).

This tool is both versatile and reliable. With a larger display and easy-to-use, user-friendly features, the Pocket HD puts essential diagnostic information at your fingertips. Whether you are responsible for maintaining a large fleet or just a truck or two, this handy tool makes gathering the diagnostic information you need easy. And to make your Pocket HD even more powerful, you can add additional software applications, including HD/LMT DPF Regen and ABS Software Suite (includes Bendix®, Meritor WABCO®, and Trailer ABS suites).

*Note: The HD/LMT DPF Regen application and the ABS Software Suite are not included with the Pocket HD.*

### Software

- Light and Medium Truck 2016  
*Note: Does not include special tests*
- Heavy Duty Standard and OBD II Suite
  - Supports J1708 and J1939 communication

### Capabilities

- View and clear current and historic faults
- Monitor all vehicle data
- Check engine speed and load, pressures, temperatures, and more
- Display trip data
- Collect and store data from multiple vehicles
- PCL Converter required for trailer brake PLC systems (PN 604020, available separately)

### Additional Software Available Separately

- HD/LMT DPF Regen (PN 917022)  
Provides coverage for the following manufacturers:
  - PACCAR
  - Cummins
  - Volvo/Mack
  - Hino
  - Navistar MaxxForce
  - DDEC 6, 10, 13
  - Dodge/RAM
  - Ford Diesel Engines
  - GM Diesel Engines
  - Isuzu Diesel Engines
- ABS Software Suite (PN 918021)  
Includes the following:
  - Bendix® ABS Suite
    - Bendix EC-80, TABS-6 Advanced, Tire Pressure Maintenance System (TPMS), EC-60, TABS-6, EC-30, and EC-17
  - Meritor WABCO® Suite
    - Air D&E Series Tractor and Trailer
    - Hydraulic (Tractor)
    - OnGuard™ Collision Mitigation System (CMS)
  - Trailer ABS Suite
    - Wabash National MBS-1P and MBS-2
    - Eaton GEN4 and GEN5
    - Haldex PLC, PLC Plus, and PLC Select



# NEXIQ Blue-Link™ and Blue-Link™ Mini

## Mobile Vehicle Interface



PN EESM604



PN 126015

### Use Your Mobile Device To Make The Connection!

The NEXIQ Blue-Link Mini is a mobile vehicle interface that enables you to use either your iOS or Android devices (e.g., smartphones or tablets) to communicate with heavy duty vehicles for quick access to basic diagnostic information. It plugs into the vehicle's diagnostic connector, and provides wireless communication with on-board electronic control units.

When used in conjunction with First-Link™, the new mobile app from NEXIQ Technologies, the NEXIQ Blue-Link Mini becomes a triage tool for drivers and service technicians of commercial vehicles and equipment. First-Link provides features that help drivers connect their mobile devices to obtain information from the vehicle's diagnostic port; they also monitor the vehicle's health status, ultimately improving the vehicle's uptime. If, for example, Check Engine Light is illuminated, the app assists the driver to understand the cause so that he can seek assistance if needed (i.e., service and repair). Later back at the shop, service technicians can use the information gathered by the application to aid in vehicle service and repair. First-Link is available on the App Store and on Google Play.

First-LINK™



### Benefits

- Inexpensive
- Convenient
- Small—fits in your pocket
- Wireless—no cables required
- Reliable Bluetooth communication
- Fast—lets you quickly gather a snapshot of vehicle statistics

### Features

- Compatible with iOS and Android devices (pairs easily with both)
- Integrated 16-pin and 9-pin Deutsch connectors
- Simple, one-button design to put the device in Discovery mode

### Vehicle Network Protocol Support

- J1708
- 3 CAN Channels (CAN/J1939/ISO15765 -250K, 500K, 1Mb/s with Auto Baud detection)



# eTechnician™



PN 856000

### Features

- Read active fault codes
- Read and clear inactive fault codes
- Graph parameters
- Includes a "quick launch" utility that enables you to launch OEM software applications from within the application.
- Log fault codes and parameters
- Create Log Notes and save to Vehicle History
- Scans all the electronic modules on the vehicle (HDS)
- Create custom parameter lists (HDS)
- View engine, brakes, and transmission data (LMT)

### Notes:

- eTechnician HDS does not clear fault codes on Caterpillar® electronic engines.
- eTechnician HDS does not support special tests or programmable parameters.
- eTechnician LMT provides support for a wide array of light and medium-duty trucks.

eTechnician™ now includes two PC-based software applications—eTechnician HDS and eTechnician LMT. Packaged together for the first time, these essential applications create a diagnostic package service technicians will depend on to keep trucks on the road. In fact, service bay technicians provided input during the design phase of the eTechnician intuitive user interface. Their first-hand knowledge and experience was incorporated into the eTechnician design, making both applications easy to use, and easy to learn.

The **eTechnician HDS** application provides technicians with the ability to perform heavy-duty diagnostics using both J1708 and J1939 communication protocols on a PC platform. It includes 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 HDS enables the technician to easily switch between each of the system elements.

The **eTechnician LMT** application provides diagnostic capability for engines, transmissions, and brakes on a wide range of light and medium duty trucks. And, it features hundreds of diagnostic tests, making it an important and valuable asset for service technicians. eTechnician LMT lets you easily switch between each of the elements of the system, saving both repair and vehicle down time. In addition, the application includes generic OBD II.

### LMT Vehicle Coverage

#### Ford Engines

- 6.7L Powerstroke (2011-2015)
- 6.0L Powerstroke (2003-2010)
- 6.4L Powerstroke (2008-2010)
- 7.3L Powerstroke (2000-2003)
- 5.0L (2011-2015)
- 3.7L (2011-2014)\*
- 3.5L (2011-2015)\*
- 6.2L (2010-2015)
- 6.8L (2000-2015)
- 5.4L (2000-2015)
- 4.6L (2000-2014)\*
- 4.26L (2000-2008)\*

\*Tests not available for these Ford engines.

#### Ford Brakes and Transmissions

- E250 – E450
- F250 – F750

#### GM Engines

- 7.8L Duramax (2004-2009)
- 6.6L Duramax (2001-2016)
- 5.2L Duramax (2004-2009)
- 6.0L (1999-07 and 2011-2016)
- 4.8L (2011-2016)
- 4.3L (2000 and 2014-2016)
- 5.3L (2014-2016)
- 8.1L (2000-2009)
- 7.4L (1999-2000)

#### GM Brakes and Transmissions

- C1500 – C7500
- K1500 – K3500
- T4500 – T7500
- P Chassis
- W4 Chassis
- Workhorse

#### ISUZU Engines

- 5.2L Duramax (2003-2012)
- 3.0L Duramax (2011-2012)
- 6.0L GM Gas (2011-2012)
- 6.0L GM Gas (2003-2008)

#### ISUZU Brakes and Transmissions

- NPR/NF3
- NQR/NRR

#### Dodge/RAM Engines

- 6.7L Cummins® (2007-2016)
- 5.9L Cummins (2006-2007)
- 5.7L HEMI (2006-2015)
- 6.4L HEMI (2009-2015)
- 3.6L V-6 VVT (2006-2015)

#### Dodge/RAM Brakes and Transmissions

- 2006-2015





# 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 200,000 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.

For even more flexibility, pair the USB-Link 2 with First-Link™ (the NEXIQ mobile app) for quick access to basic diagnostic data and vehicle history. First-Link is available on the App Store and on Google Play.

## 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
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#### Operating System Support

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- PC Operating System Compatibility
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  - 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 1 Meter)  
PN 493101

Standard 1 meter, locking 9-pin Deutsch adapter.



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.



Volvo 14-pin Adapter  
PN 493022

14-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.



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.



CAN 3 - CAN 1 Crossover Cable  
PN 406004

The CAN 3 - CAN 1 Crossover Cable is designed to move J1939/CAN channel 3 diagnostic communications over to J1939/CAN channel 1.



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.

VISIT [WWW.NEXIQ.COM](http://WWW.NEXIQ.COM) OR CALL: **800.639.6774**



## REPAIR AND SERVICE PROCEDURES

The NEXIQ Service website is available 24 hours a day to assist you should your device require repair. To schedule a repair, please visit the **Service website: <https://service.nexiq.com>**

If you are New User, you will need to Create a New User Account.

If you are a Registered User, enter your credentials, and sign in. Then, select the device for which you want to schedule a repair from the list displayed. Enter the Equipment Details, including the Serial Number, whether the equipment is still under warranty, the Failure Mode, and any notes. Be sure to check the accessories you will be sending back with the equipment.

Once you have provided the required information, click Add to shopping cart, and follow the remaining prompts.

Once your order is complete, the site will generate an Order Reference Number. Then print out the Return Instructions for future use. You can check the status of your repair at any time by logging on to the Service website, and clicking on My Account > My Orders.

You are responsible for all shipping and handling charges on non-warranty repairs and rework. The Order Reference Number must appear clearly on the outside of the shipping box.

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

**NEXIQ offers the following support:** Free technical support during business hours (EST).

[www.nexiq.com](http://www.nexiq.com)

2950 Waterview Drive, Rochester Hills, MI 48309

Toll Free: 800-639-6774 | Fax: 248-293-8211

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