ABS DIAGNOSTIC TOOLS

Pocket iQ™ Complete ABS Kit

The Pocket iQ ABS product family provides brake coverage for a wide range of applications, making the Pocket iQ the industry scan tool of choice for heavy-duty brake diagnostics. With the introduction of the ABS Suite, the Pocket iQ is now a full-service brake scan tool, providing connectivity to tractors and trailers utilizing the SAE J1587 communication protocol. The Complete ABS Kit also comes with a new J560 PLC sevenway adapter (available separately) that allows direct connection to a trailer without the tractor. With access to a broad array of special tests, technicians can quickly and easily obtain a reliable and accurate diagnosis of brake status.

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.

P/N MPS-692021

Includes:
- Pocket iQ
- ABS Suite
- J560 PLC Adapter

Basic Functions:
- Read Fault Codes
- Clear Fault Codes
- View Brake Data

Coverage: ABS Suite
- BENDIX®
- Meritor WABCO® Air and Hydraulic
- Wabash National MBS-1P and MBS-2
- Eaton GEN4 and GEN5
- Haldex PLC, PLC Plus, and PLC Select

Provides Convenient Testing of the Following:
- Trailer ABS system with PLC communications
- Auto detects the OEM’s ECU system configuration
- View and clear current and historic faults
- Actuate modulators and valves
- Cycling of the brake retarder relays
- Testing of battery voltage
- Wheel sensor testing and traction disabling
- Retrieval of ECU information
- Testing of the trailer’s ABS “Test Warning Lamp”
- Read trailer odometer/trip distance

Monitor tractor/trailer anti-lock brake systems.

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.

P/N MPS-188001

Works with all ABS Software

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

Heavy-Duty ABS - Applications

Heavy duty ABS applications provide diagnostic ABS information for both tractors & trailers. They allow viewing of proprietary information & running of special tests.

<table>
<thead>
<tr>
<th>J560 PLC Adapter</th>
<th>Meritor WABCO® Suite Air and Hydraulic</th>
<th>MPS888014</th>
</tr>
</thead>
<tbody>
<tr>
<td>Required for newer trailers</td>
<td>Bendix® Air ABS</td>
<td>MPS889013</td>
</tr>
<tr>
<td>Trailer ABS Suite</td>
<td>Haldex, Eaton, Wabash National</td>
<td>MPS882021</td>
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**PC-to-Vehicle Interfaces - USB Link™**

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.

- **Bluetooth**
  - Works with Bendix, Meritor Wabco & Eaton Software

Use as a wireless interface device

**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

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**BENDIX ACom 6.5™ Diagnostic Software**

Use this software, PC, and Nexiq Interface for complete Bendix ABS diagnostics kit

This application will support the Bendix
- • EC-60™, Bendix® EC-17™, Bendix® EC-30™, Gen 4™, Gen 5™ (U12 & U16), ABS 2X, Bendix® TABS 6™, Bendix® EC-30 T™ and A-18™ ABS ECUs.

Download for FREE:

Use with PC and interface device for complete Bendix ABS Diagnostics

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**Haldex ABS PC Diagnostic Program**

(For use with March 2001 and later production.)

For use with Haldex ABS applications

Use for advanced system diagnostics, wheel sensor verification, ECU read/write capabilities and end-of-line OE testing.

Order a 7-way Diagnostic Interface Adapter (AL230010) in addition to the kit for a complete system

Use this software and PC for complete Haldex ABS diagnostics kit

Everything you need for Haldex PC Diagnostics.

Includes the adapter!
- Advanced system diagnostics
- Wheel sensor verification
- ECU read/write capabilities
- End-of-line OE testing
- System is compliant with RP1210A

Includes
- Haldex Software #L30030

**P/N AQ15854 / SN158DM**

PLC PC Diagnostic (USB) Kit

Minimum CPU Requirements
- Pentium II with 32 MB RAM
- 233 MHZ Processor
- Windows 95B or NT4.0 System is compliant with RP1210A

Kit Contains One Each
- Haldex DLA+ PLC Adapter
- Haldex ABS Diagnostic CD-ROM
- JPRO DLA+ Driver CD-ROM
- USB Cable (15 ft.)
- Interface Cable
- ABS Diagnostic Operations Manual

**System Adapters:**

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<td>203001B</td>
<td>Tractor Power Outlet Adapter</td>
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**P/N AQ15854 / SN158DM**

PLC USB Kit for Windows (PC not included)

**P/N AL955804**

PLC Interface Cable

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**TOOLBOX™ 11.0 Diagnostic Software**

Use this software, PC, and Nexiq Interface for complete Meritor ABS diagnostics kit

New features in TOOLBOX™ 11.0 include:
- J1939 diagnostics for pneumatic ABS
- J1939 diagnostics for ECAS
- Next Generation OnGuard Radar Diagnostics
- OnLane Lane Departure Warning Diagnostics
- J1939 bus monitor availability in main menu
- Fault descriptions and data appear in web browser with links to further information
- Legacy J1708 TOOLBOX still available for diagnostics
- Automated emails and messages communicating availability of software updates and upgrades

**TOOLBOX™ 11.0 supports the complete range of Meritor WABCO vehicle control products:**
- Pneumatic ABS (D and E Versions)
- Trailer ABS (Easy-Stop™ and Enhanced Easy-Stop™ with PLC)
- SmartTrac Stability Control (ESC and RSC) and RSSPlus™
- Hydraulic ABS
- Hydraulic Power Brake (HPB)
- Electronic leveling valves for tractors and trailers
- Electronically Controlled Air Suspension (ECAS) for buses

**Minimum CPU Requirements**
- Pentium II with 32 MB RAM
- 233 MHZ Processor
- Windows 95B or NT4.0 System is compliant with RP1210A

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**P/N AL955804**

PLC Interface Cable

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**Purchase from**
www.meritorwabco.com

Use with Nexiq USB Link adapter and PC (Compatible w/ Microsoft Windows® XP, Vista, or Windows® 7 operating system)
P/N 3418 HD Reader™ Heavy-Duty Code Reader

Features:
• Class 4 – 8 truck coverage.
• HD J1587 / J1708 and J1939 CAN, Engine, Transmission/ABS coverage and more for diagnostic trouble codes!
• Read and clear diagnostic trouble codes.
• Provides on screen DTC definitions for heavy-duty standard codes.
• Battery powered for off vehicle use.
• Internet update capable.

Applications:
• Tow trucks, recreational vehicles, cement trucks, dump trucks, garbage trucks, buses, step vans, municipal vehicles, refrigerated trucks, and conventional trucks.
• Don’t forget Heavy-Duty Standard compliant construction, marine, agriculture, and other industrial diesel power plant configurations!

HD Reader 3418
Kit Includes:
• 3 Year Warranty
• HD Reader tool
• 9 Pin Deutsch Cable
• 6 Pin Deutsch Cable
• Operations Manual
• Soft Nylon Carrying Case

OTC’s new HD VCI’s provide cost effective wireless Diagnostic Hardware & Telematics for the heavy vehicle industry.

OTC Ez-TAP
A truck access point providing both telematics and OEM diagnostic modes of operation for J1939, J1708 and CAN protocols. Communicates with the vehicle and transfers vehicle information to your PC. A 9-pin connector is built into the device, eliminating the need for a cable. Connection to the truck is accomplished in only a few seconds.

• Direct Diagnostics Mode – for use with OEM diagnostic software.
• Fault Monitoring – Selective Fault Reporting.
• Triggers – Report deviation and duration for any parameter or event.
• Parameter Monitoring – Reports latest data from vehicle network.
• File Storage – Enough onboard memory to store maintenance notes for the lifetime of the vehicle.
• Available with locking or non-locking 9-pin connectors.

P/N 3075
Ez-Tap Wireless Diagnostic Hardware Kit
• The EZ Tap Diagnostic kit enables a Heavy-Duty facility to use their OEM software for direct diagnostic mode operation.

Kit includes: Ez-Tap wireless (non-locking) VCI, Ez-Base wireless adapter, Ez-Tap 9-pin to 6-pin adapter, USB cable and Ez-Tap CD.
Note: OEM diagnostic software not included.

P/N 3085
Ez-Tap Fleet Telematc Wireless Starter Kit
• Gives the user the ability to switch between Ez-TAP connected vehicles effortlessly.
• Enables users to monitor connected vehicle status locally and remotely.
• Automatically produces reports providing vehicle health and status from vehicles entering the wireless hotspot.
• Simple status lights on the dashboard to alert you to vehicle issues immediately when the vehicle is in range.

Kit includes: Ez-Tap wireless locking VCI, Ez-Base extended range wireless, USB cable, Ez-Suite software.
Note: OEM diagnostic software not included.

• Designed for fleets of any size.
• Purchase Ez-Tap Wireless locking VCI for each remaining truck in your fleet (No. 3075-02).
• Locking VCI connects to the truck to maintain vehicle connect during transportation.

Additional Parts Available
This kit comes with everything you need to diagnose, test and initiate the repair of heavy-duty tractor or trailer anti-lock braking systems.

P/N NOR70051
Kit comes complete with:
• Laptop Computer (model may vary)
• JPRO DLA+ PLC Adapter
• JPRO 9 Pin Cable (5”)
• JPRO PLC 560 Cable with “T” Connector
• USB Cable (15’)
• Heavy-Duty ABS Software Bundle

Benefits provided by this kit include:
• Auto detect of the OEM’s ECU system configuration
• Viewing and clearing of faults
• Actuation of modulators and valves
• Cycling of the brake retarder relays
• Battery testing
• Testing and traction disabling of wheel sensors
• PLC communication with trailer ABS
• Testing of the trailer’s ABS “warning lamp”
• Reading of trailer/odometer trip distance

3 Ways to Connect:
1. 9-Pin Cable (in cab)
2. T-connector between tractor/trailer (with 7 pin)
3. Directly connect to the trailer (with 7 pin)

Tractor Remote Diagnostic Unit (RDU)
Bendix
• Plugs into the connector on the dash & provides an immediate system status
• No waiting for blink codes or thumbing through manuals

9-pin to 6-pin RDU Adapter Cable
P/N 801872

9-pin to 9-pin RDU Adapter Cable
P/N 802229

For Bendix ABS applications

For Bendix ABS applications

P/N K101597
Trailer Remote Diagnostic Unit (TRDU)

• Plugs directly into the trailer’s 7-pin diagnostic connector
• If the ABS system has at least one active trouble code/fault, the red LEDs will light-up to indicate the malfunctioning ABS component & its location on the vehicle

TRDU 7-Way Adapter Cable
P/N 802165

P/N K101595
Kit w/ 802165

February 10, 2014 (01ABS Diagnostic Tools)