

Productivity Solutions

Forged From 100 years of Relentless Innovation



Protect Your Investment

Repair Track and ToolGuard™ service coverage packages you can count on



At OTC, we recognize that your purchase of OTC tools and equipment is an important investment in your business. The service center information provided below demonstrates our commitment to you with on-line support and extended service coverage you can count on.

Warranty Registration

Warranty registration is the most important step in providing exceptional customer service. Registration is available on-line at www.otctools.com or call us at 1-800-533-6127 and follow the prompt for OTC technical assistance.

Repair TRACK

RepairTrack offers you the ability to manage your repair experience with the OTC products by providing you with an easy way to send your product in for repair and track it.

- From the moment it leaves your facility to the moment it returns, you will have the latest information.
- Generate a Repair Return Authorization by printing out a UPS tracking number directly from this site.
- Review and approve Repair Estimates online.
- Make Credit Card payments for your Repairs online.
- Up to date warranty and service information include any special programs that exist with your product.
- Find out the latest repair policies and procedures, and where to go for additional information.
- Don't miss this valuable service.

For technical support or repair service on your OTC tools or equipment, log on to RepairTrack at www.repairtrack.spx.com or call us at 1-800-533-6127 and follow the prompt for OTC technical assistance.

ToolGuard™ Extended Service Contract

OTC provides factory warranty coverage with your tool however, it's very likely you will be using your tool well beyond your factory warranty. To continue protecting your investment and budget your maintenance costs, consider keeping coverage with the ToolGuard™ Extended Service Contract.

To check on available coverage for your tool, call us at 1-800-233-7055 or send us an email at toolguard@spx.com.





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Pegisys PC Scan Netbook



Pegisys – Handset Version



Diagnose and Repair Vehicles Faster than Ever Before!

You make money At the Fender™. And staying there to get relevant timely diagnostics keeps you productive. Meet Pegisys—the most advanced hand-held aftermarket diagnostic tool available—

- Exclusive AirBridge™ Wireless Technology keeps you untethered from the vehicle (even when it's up on the lift)
- At the Fender Internet access* to real time web-based OTC Direct-Hit Technician™ diagnostic information.

Talk about coverage and features! Pegisys provides over 30 years of vehicle coverage for 44 different vehicle makes from over 25 different manufacturers. Features including:

- Built-in 2-channel High-Speed Scope
- Scan (Pathfinder™) Diagnostic Info on-tool
- Scope (InfoTech™) Diagnostic Info on-tool
- Repair-Trac™ Tech Tips, by Identifix®
- Automated System Test™
- All System DTC Scan™, and so much more.

Bottom line? Pegisys unleashes your potential to work smarter and faster at the fender—that's good for the shop and good for you. Pegisys is the diagnostic freedom productivity machine. And it's from OTC, the One Tool Company professional technicians trust.

* Requires the shop to have broad band internet service/ no satellite internet.



Extensive Vehicle Coverage (1980 – 2010) "New Coverage added quarterly"

Exclusive Diagnostic Tests Saves Time

Code	Description	Current Codes
2008-00	Left Front Wheel Speed Sensor Circuit	CURRENT CODES
2008-00	Right Front Wheel Speed Sensor Circuit	CURRENT CODES
2008-00	Rear Wheel Speed Sensor Circuit	CURRENT CODES
2008-00	Open D/ Shorted Marker Cylinder Pressure Sensor	CURRENT CODES
2008-00	Washer Cylinder Pressure Sensor Performance	CURRENT CODES
2008-00	Washer Cylinder Pressure Sensor (Other Malfunction)	CURRENT CODES
2008-00	Washer Cylinder Pressure Sensor (Same Malfunction)	CURRENT CODES
2008-00	Open D/ Shorted Steering Wheel Angle Sensor	CURRENT CODES
2008-00	Steering Wheel Angle Sensor Performance	CURRENT CODES
2008-00	Steering Wheel Angle Sensor (Pack Malfunction)	CURRENT CODES
2008-00	Steering Wheel Angle Sensor (Signal Malfunction)	CURRENT CODES
2008-00	Open D/ Shorted MSB Lane Sensor	CURRENT CODES
2008-00	Left Front Wheel Speed Sensor Circuit	History Codes
2008-00	Right Front Wheel Speed Sensor Circuit	History Codes
2008-00	Rear Wheel Speed Sensor Circuit	History Codes
2008-00	Open D/ Shorted Marker Cylinder Pressure Sensor	History Codes



Interactive Data Stream Information



For the TEST and the CONFIRMED FIX

THE SYMPTOM: Malfunction Indicator Lamp (MIL) on. Pegisys reports the code as a P1135

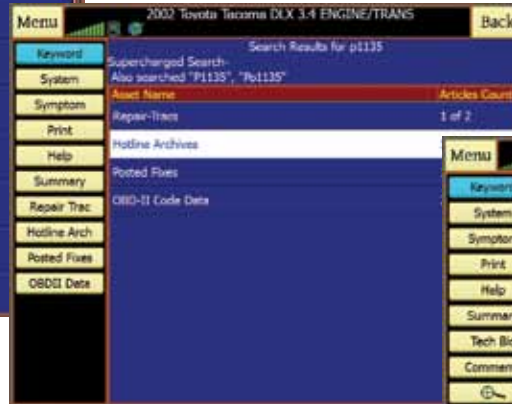
VEHICLE: 2002 Toyota Tacoma DLX 3.4

HOTLINE ARCHIVES
ARE CASE NOTES FROM
REAL CALLS TO THE
IDENTIFIX HOTLINE

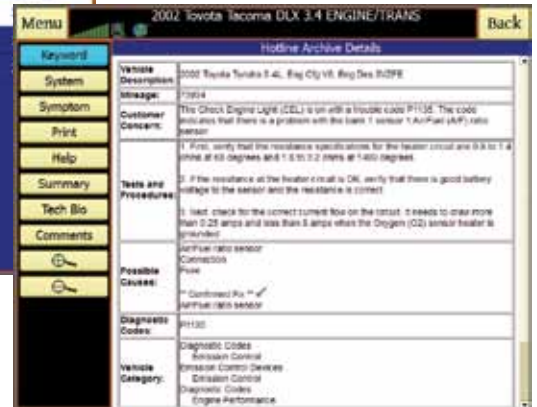
Hotline Archives provide short-cut diagnostic information with Confirmed Fixes in an easy-to-read standard format



One button press of Direct-Hit Technician from the DTC screen sends the vehicle description and DTC to Identifix for an extensive search of their experienced-based information database.



Search Results returned in seconds lists all time saving diagnostic information and Confirmed Fixes™ available for the specific vehicle and DTC.



The Confirmed Fix can be found in a Hotline Archive, Repair-Trac, TSB, NHTSA Recall, or other Identifix experienced-based solution along with supporting wiring diagrams, specifications & component locations.

Information is 'KEY'

Identifix is an industry leader with 23+ years of experience providing professional technicians with diagnostic solutions.

Information Access

- Timely information access is the key component to technicians' success as the complexity of vehicles continues to increase.
- Access to factory service information, while critical, is not a complete solution.

Experience-based solutions

- Help technicians find fixes faster than a traditional flowchart diagnosis.

The OTC Direct-Hit Technician™

- The "J" kit includes a Test Drive subscription for Direct-Hit Technician web-based diagnostic information by Identifix.
 - Non Identifix website subscribers receive a 90 day Test Drive (US \$79.00** per month thereafter).
 - Identifix website subscribers receive a 180 day Test Drive (US \$39.00** per month thereafter).

- Direct-Hit Technician is not a replacement for Direct-Hit, it is a complement. Direct-Hit Technician is a specialized diagnostic edition of Direct-Hit for Pegisys owners.
- Direct-Hit Technician improves shop productivity, by also allowing a technician to access much of the information found on the Direct-Hit website At The Fender™ on Pegisys.

**Pricing Subject to Change



J2534 Reprogramming Capability

Pegisys Vehicle Communications Interface (VCI) hardware is J2534-1 and J2534-2 compliant. What does this mean?

- The Society of Automotive Engineers (SAE) J2534-1 standard applies for all emissions-related systems on 2004 and newer vehicles.
- The California Air Resources Board (CARB) and the U.S. Environmental Protection Agency (EPA) have both passed legislation mandating vehicle manufacturers comply with the standard.
- SAE J2534-2 standard applies to vehicles older than 2004 and non-emissions systems.

For example, a device compliant to the J2534-2 is required if you want to reprogram other supported GM controllers and those vehicles older than 2004.

The Pegisys HANDSET and PC version VCI provide two tools in one:

- A high end diagnostic tool with wireless to the car and Internet capability
- A J2534-1 & -2 compliant device for USB vehicle reprogramming.

OTC has stood for value over 85 years and Pegisys delivers!

Note: Requires vehicle calibrations to be purchased from the OEM for J2534 reprogramming. Also requires a PC that meets OEM the minimum requirements.

A Custom PC Built for the Shop Environment

Shop-tough, the Pegisys tool is a Pentium® Based PC engineered inside and out to work the way a Technician needs it.

- Made of super-resilient ABS plastic—like that found in football helmets and car bumper extensions.
- Resilient rubber is molded in for maximum protection on corners and edges.
- Even the hard drive is mounted in a shock resistant rubber gasket to protect it for a rough service environment (Patent Pending).

No PC Required – for Subscription Updates!

- Pegisys® provides subscription updates 24/7 for direct downloading to the tool.

No PC required! That means:

- No more waiting for the latest vehicle coverage or features to be released once or twice a year or more. Now when a new vehicle coverage package is complete it is made available for download.
- Timely new vehicle coverage and information you need to fix the car right the first time.
- Valuable new features, diagnostic information, and software improvements are also made available when complete.

Productivity Bundle Subscription

The value doesn't end with 24/7 updates! Pegisys Productivity Bundle subscription package combines four software applications previously sold separately – Domestic, Asian, ABS/Airbag, and InfoTech. Included in the bundle are:

- Improved versions of the All System DTC Scan and Automated System Test.
- Automatically scan the vehicle's many systems for DTC's or run a complete Health Check, Pegisys delivers with a push of a button.
- Optional European and Heavy Duty Standard coverage available.



Fast Touch screen control



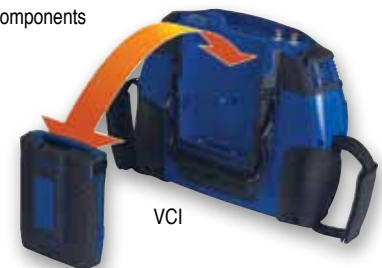
SpeedScroll™ keypad



AirBridge™ Untethered Diagnostics

Pegisys AirBridge™ Wireless Technology features high speed WiFi 802.11b/g mini cards, allowing the Vehicle Communications Interface (VCI) to link wirelessly to Pegisys.

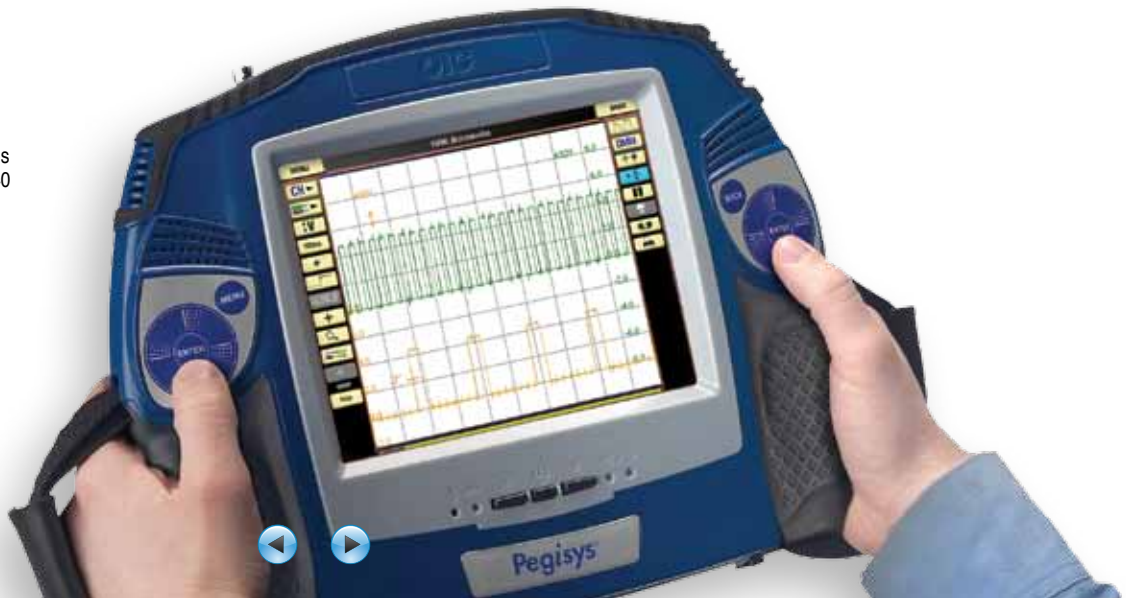
- Inspect the vehicle's hard-to-reach computer-controlled components without being tethered to a conventional scan tool cable.
- Access the Direct Hit information via the internet.



VCI

High Speed Scope

Featuring the latest PC technology combined with OTC's 25-year experience in scan technology and integrated 40 MSPS high speed scope make this the most advanced diagnostic system in the industry.





**THE NEW
J-KIT**

Pegisys®

On-site Training Certificate

Free on-site training with your purchase of the kits 3825J or 3825JT.

Topics covered during session

Pegisys Overview	Pegisys Scope
Pegisys Utilities	Pegisys Vehicle Programming
Pegisys Scan	Pegisys Support

Certificate is shipped with qualifying kits and detailed instructions.

3825J
Pegisys Diagnostic System Handset Version

Software

- USA Domestic/Asian Vehicle Subscription (6 Months)
- Diagnostic Information
 - Scan Diagnostic Information (Pathfinder)
 - Scope Diagnostic Information (InfoTech)
- Repair-Trac Experienced-Based Information Includes the Direct-Hit Technician 90 day Test Drive subscription (3825-45).
- Includes J2534 Reprogramming 3825-08 kit (Requires vehicle calibrations to be purchased from the OEM for J2534 reprogramming).

Vehicle Cable Set

- OBD II cable
- USA Domestic OEM OBD I cables
- USA Asian OEM OBD I cables
- USB cable
- Scope accessory kit

Included Accessories

- Pegisys carrying case
- OEM OBD I cable carrying case
- AirBridge™ wireless kit
- 100 – 240 volt power supply

3825JT
Pegisys Diagnostic System Trade-In Kit Handset Version

Same as 3825J also come with coupon for 6 month extension to Domestic/Asian software updates and 3825-01 Euro Starter Kit with trade-in of any professional diagnostic scan tool.

Pegisys Cable Kit and Accessories:

Cables are color coded: Blue = Domestic, Green = Asian, Red = European optional.

3825-32 OBD II adapter		3825-09 GM 12-pin adapter		3825-15 Universal 9-pin adapter	
3825-33 100 - 240 V power supply		3825-10 Chrysler 1 adapter		3825-17 Toyota DCL 1/ adapter	
3825-35 Power cord, 6' cigarette		3825-34 Chrysler 3 adapter		3825-18 Toyota DCL 2/ adapter	
3825-41 Scope Probe assy. green		3825-12 Ford EEC adapter		3825-19 Mitsubishi/Chrysler "Y" adapter	
3825-42 Scope Probe assy. yellow		3825-16 Ford ABS adapter		3825-20 Nissan 1 adapter	
3825-43 Scope Probe assy. black		3421-93 Kia adapter		3825-21 Subaru adapter	
3825-44 Scope KV probe assy.		3825-11 MECS ABS adapter		3825-22 Mitsubishi/Hyundai adap.	
212638 Battery adapter		3825-13 Geo-Isuzu adapter		3825-23 Honda adapter	
3825-40 USB cable		3825-14 Mazda MECS adapter		3825-24 Nissan 2 adapter	



The PC Netbook comes with Pegisys® PC Scan software preloaded.

Pegisys®

On-site Training Certificate

Free on-site training with your purchase of the kits 3828DLX-NB or 3828DLX.

Topics covered during session

- | | |
|-------------------|-----------------------------|
| Pegisys Overview | Pegisys Scope |
| Pegisys Utilities | Pegisys Vehicle Programming |
| Pegisys Scan | Pegisys Support |

Certificate is shipped with qualifying kits and detailed instructions.

3828DLX-NB

Pegisys PC Scan Netbook Diagnostic Master Kit

Pegisys® OEM Enhanced software on a Windows XP netbook. Scan functionality is the same as Pegisys. Enhanced Scan Tool SAE J2534-1 and -2 Compliant (Pass-Through Vehicle Reprogramming).

- The PC Netbook comes with Pegisys® PC Scan software preloaded.
- MVI (Modular Vehicle Communication Interface) Compliant
- Wi-Fi operation and Bluetooth capable device includes AirBridge Wireless Kit.
- Field Upgradable, built In Rechargeable Battery, USB, Ethernet, USB OTG SD I/O, Data Storage.
- SpeedScroll™ Touch Control with LCD Display.
- Includes J2534 Reprogramming (3825-08 kit).
- Includes the Direct-Hit Technician 90 day Test Drive subscription (3825-45).
- Six month initial subscription for USA Domestic /Asian OEM Enhanced software with Pegisys Diagnostic Information included.
- Includes Domestic/Asian OEM Cable kit (3825-51).

Important Note: Requires vehicle calibrations to be purchased from the OEM for J2534 reprogramming. Netbook PC warranty, service and technical support provided by the PC manufacturer.



3828DLX

Pegisys PC Diagnostic Master Kit (PC Version)

Pegisys® OEM Enhanced software on a Windows XP, Vista, or Windows 7 PC. Scan functionality is the same as Pegisys. Enhanced Scan Tool SAE J2534-1 and -2 Compliant (Pass-Through Vehicle Reprogramming).

- MVI (Modular Vehicle Communication Interface) Compliant
- Wi-Fi operation and Bluetooth capable device includes AirBridge Wireless Kit.
- Field Upgradable, built In Rechargeable Battery, USB, Ethernet, USB OTG SD I/O, Data Storage.
- SpeedScroll™ Touch Control with LCD Display.
- Includes J2534 Reprogramming (3825-08 kit).
- Includes the Direct-Hit Technician 90 day Test Drive subscription (3825-45).
- Six month initial subscription for USA Domestic /Asian OEM Enhanced software with Pegisys Diagnostic Information included.
- Includes Domestic/Asian OEM Cable kit (3825-51).

Note: Requires vehicle calibrations to be purchased from the OEM for J2534 reprogramming. Also requires a PC that meets the minimum requirements.



On-site Training Certificate

3828

Pegisys PC Diagnostic OBD II Kit Only (PC Version)

Pegisys® Global OBD II software on a Windows XP, Vista, or Windows 7 PC. Enhanced Scan Tool SAE J2534-1 and -2 Compliant (Pass-Through Vehicle Reprogramming).

- MVI (Modular Vehicle Communication Interface) Compliant
- Wi-Fi operation and Bluetooth capable device includes AirBridge Wireless Kit.
- Field Upgradable, built In Rechargeable Battery, USB, Ethernet, USB OTG SD I/O, Data Storage.
- SpeedScroll™ Touch Control with LCD Display.
- Includes J2534 Reprogramming (3825-08 kit).
- Optional Domestic/Asian (3825-55 software), European (3825-01), Heavy-Duty (3825-02), and OEM Cable Kit (3825-51) available separately.
- Functions with optional Direct-Hit Technician 90 day Test Drive subscription (3825-45).

Note: Requires vehicle calibrations to be purchased from the OEM for J2534 reprogramming. Also requires a PC that meets the minimum requirements.



3857

The OTC Tech-Scope™ is a standalone two-channel high-speed lab and ignition oscilloscope with multimeter that allows service technicians to quickly and efficiently test and measure virtually all of the electrical and electronic components and circuits in a modern vehicle. The tool features galvanic isolation not found on automotive scopes for hardware protection and includes an ignition scope and a digital multimeter with an ohm meter.

The Tech-Scope is capable of reading 40 million samples per second on each channel with 10 ohm input impedance—eliminating the need for special adapters to capture signals from critical components. The included InfoTech software provides a vehicle-specific repair information database for testing most common vehicle components with step-by-step test procedures using a lab scope or multimeter.

3857 includes: Tech-Scope, scope probe green, scope probe yellow, kV probe secondary, ground clamp USB cable, Tech-Scope CD, one-year warranty and protective carry case.



Oscilloscope Features:

- Lab scope, ignition scope and digital multimeter display are user selectable.
- Vertical cursors show time difference/frequency between the two cursors and waveform values at the selected points.
- Automatic record stores waveforms in a circular buffer with 50 screens of data.
- AC/DC coupling.
- Auto setup automatically adjusts the vertical scale, the sweep time and trigger point.
- Peak detect captures high speed signals at the maximum sampling rate, even at slow sweep speed and is user selectable.
- Ability to capture the analog and digital glitches, along with the current waveform.
- Selectable glitch sensitivity: low – medium – high.
- Ability to change the background color.
- Ability to play the recorded files.
- Ability to enable or disable the scale grids.
- Ability to enable or disable the scale display.
- Ability to save the screen shot of the display.

Digital Multimeter Features:

- Measures:
 - DC volts
 - True RMS AC volts
 - Ohms
 - Continuity check with audible beep features ability to turn audio on or off.
 - Frequency
 - Duty cycle
 - Pulse width
- Auto scale
- Screen refresh is at the rate of 10 times/sec.
- Ability to view the data in following graph types:
 - Strip chart
 - Dial chart
 - Bar chart
 - Digital chart
- Ability to view the minimum, maximum and average values.
- Ability to turn the grid lines on or off for strip chart.
- Ability to toggle the background between two colors.
- Ability to turn the scale display on or off.

Optional Software and Cables



3825-01

USA European Starter Kit. Includes Mercedes 38 Pin Adapter, Mercedes 1 Pin Adapter, VW 4 Pin Adapter, BMW Adapter and European Software Subscription (12 months).

Replacement Cables

3825-53

USA European Cable Kit Includes Mercedes 38 Pin Adapter, Mercedes 1 Pin Adapter, VW 4 Pin Adapter and BMW Adapter.

3825-25

Mercedes 39 pin adapter.

3825-26

Mercedes 1 pin adapter.

3825-27

VW 4 pin adapter.

3825-28

BMW adapter.



3825-45

OTC Direct-Hit Technician™, Powered by Identifix® Starter Kit – 90-day Test Drive. One time authorization included in the 3825J, 3825JT, 3828DLX and 3828DLX-NB kits. Not included in the 3828 kit.



3825-03

Pegisys "Hot Swap" Kit. Kit includes main battery, back-up battery and battery charging dock.

3825-04 – Charging dock.

3825-05 – Main battery.

3825-38 – Back-up battery.



3825-55

Domestic/Asian Software Subscription (12 months)



3825-57

European Software Subscription (12 months)



3825-02

Heavy Duty Standard Starter Kit. Kit includes 9-pin Deutsch cable, 6-pin Deutsch cable, & heavy-duty security card.

Replacement Cables

3825-29 – HD 9 pin Deutsch adapter.

3825-30 – HD 6 pin Deutsch adapter.



3825-50

Pegisys DVD Training

Part One starts with information on trouble shooting, as well as advanced uses of the OTC Pegisys scan tool.

Covers diagnostic trouble codes like:

- P0300 - misfire codes
- P0171 - lean conditions
- P0101 - MAF codes

Part two, use the Pegisys to recognize and analyze tough misfire codes.

- Types of misfires - Electrical, Lean Fuel Charge, Rich Fuel Charge, Density, Primary Triggering Problems
- Tools for finding misfires and how to use them for testing
- Using mode \$06 information to determine the misfire, pinpointed to a specific cylinder

Runtime: 2.75 Hours, Manual Included



3825-56

Universal COP Ignition Probe View COP Ignition patterns fast, no special adapters required.



3825-48

Replacement Stylus Pack



3825-51

Vehicle Cable Set

- USA Domestic OEM OBD I Cables
- USA Asian OEM OBD I Cables
- OEM OBD I Cable Carrying Case



3825-52

Vehicle Cable Set

- USA Domestic OEM OBD I Cables
- USA Asian OEM OBD I Cables
- USA European OEM OBD I Cables
- OEM OBD I Cable Carrying Case



3825-31

8' Vehicle Extension Cable

System 5.0 Features:

Code-Assist® Library

Code-Assist is a powerful experienced-based tech tip data base helping technicians fix cars daily is now available as a searchable database.

- A easy to find menu selection "Code-Assist® Library" in the Diagnostic Menu
- The library will utilize the DTC Library code selection screen that provides the ability to easily sort and select DTC's with Code-Assist® tech tips.
- Once a DTC is selected, the next screen will display the Code-Assist® results screen.
- The specific Code-Assist tech tip is still available when a DTC is read.

Maintenance Tests Information

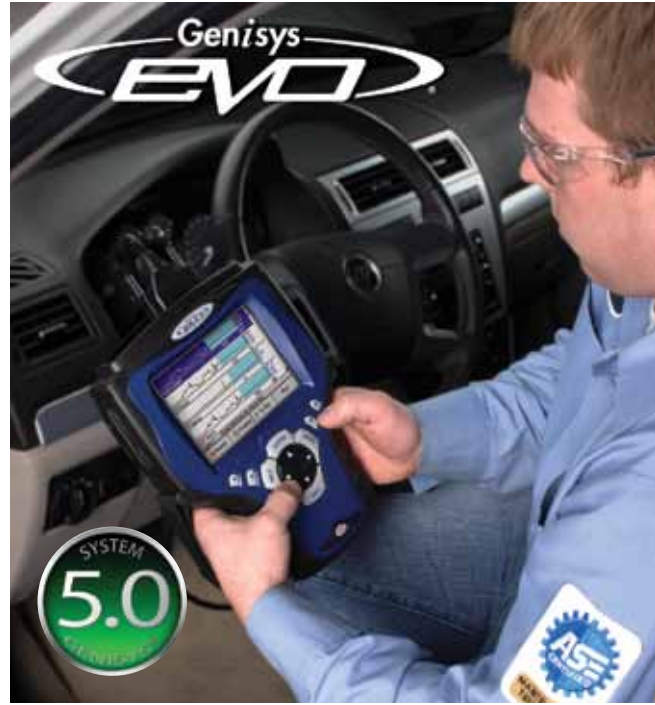
A scan tool is now required to do simple maintenance tests, such as, brake bleed, light resets, alignments, oil changes and more on most vehicles. However, finding these tests within the many specific system controllers can be difficult at best. To improve user's ability to find and use these tests a new "Maintenance Tests" information screen is available.

- A "Maintenance Tests" selection from the Controller screen will list the appropriate controller that contains the maintenance tests for that specific vehicle.

Coverage Application Guide Improvements

New application guides that provide specific maintenance tests by vehicle are available on the CD included in all Genisys® kits.

- The new application guide identifies a vehicle by make, carline and year with columns for specific systems that include adjustment tests in the following areas.
 - TPMS Registration
 - Steering Service
 - Battery / Charging
 - Service Light Reset
 - Brake Service
 - Suspension Service



System 5.0 ensures the latest software coverage is provided regardless of when purchased. One time scan tool registration required.

Genisys EVO® Experience-based Information Advantage

What if you knew...

- Exactly what top technicians fix when they get a vehicle specific code?
- The common failures for each manufacturer by symptom for the last 30 years?
- All you have to do is select the vehicle or read the codes to get this powerful information?

Now you do! *Genisys EVO exclusively features Code-Assist™ and Repair-Trac® by Identifix®.

Code-Assist™ – Maximize Your Return On Investment

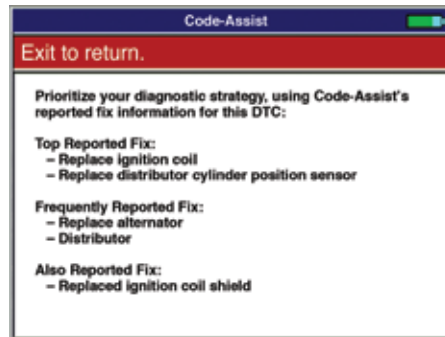
Unlike the traditional list of theoretical potential causes provided by service manuals, Code-Assist™ provides over 4.5 MILLION experienced-based Confirmed Fixes™ for vehicle specific, OBD-II Diagnostic Trouble Codes (DTC's). Other power features include:

- Developed using over 4 Million hotline calls to the Identifix® Repair Hotline™ and 8 Million + Direct-Hit™ uses by Identifix® customers each year.
- Uniquely supplies validated fixes for the B, C, P and U codes actually being set on vehicles then ranks them by frequency.
- Code-Assist saves time and increases productivity by prioritizing your diagnostic strategy!

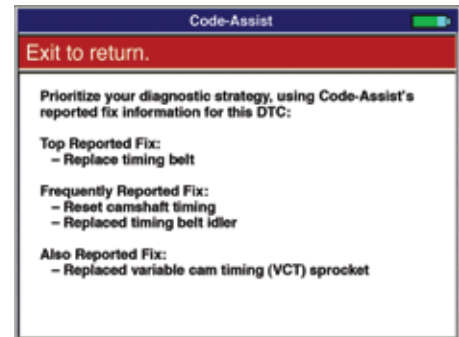
What would you do if you pulled a P1381 DTC on a Honda? What if you pulled the same code from a Ford?

DTC number and description alone can't beat experience and here's why!

2001 Honda Accord P1381



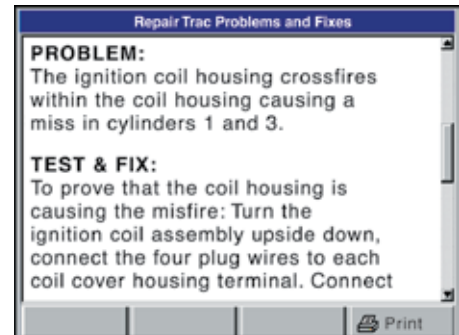
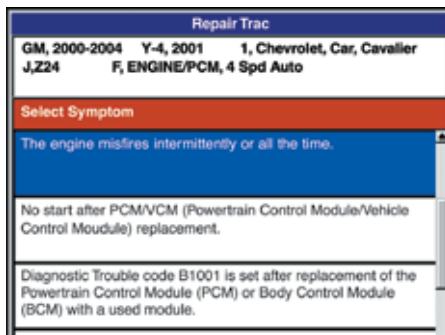
1998 Ford Contour P1381



Maximize your Return On Investment with Code-Assist™ experience-based solutions.

Repair-Trac® Tech Tips by Identifix®

When you don't have a DTC or just want to search for fixes by symptom select Repair-Trac®. Repair-Trac® is the largest database of known vehicle-specific fixes available to the automotive aftermarket.



Where would you like to start your diagnostics?

*Code-Assist™ and Repair-Trac® are installed on every New Genisys EVO® and available for earlier Genisys tools in 3421-135, 3421-136, 3421-137, 2011 software update kits.

Genisys EVO® Diagnostic and Repair Information

Pathfinder Troubleshooting Repair Information

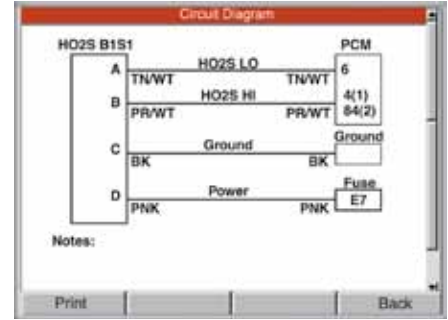
Pathfinder troubleshooting information from 1992 to 2010 provides critical information at the technician's fingertips. In addition to the Repair-Trac® and Fast Fixes™ databases, repair information includes:

- Code information
- Symptoms
- Specifications
- TSB references
- Data/sensor information
- PCM connector information
- Component location

InfoTech Component Information Database

InfoTech software is a vehicle-specific repair information database for testing most common vehicle components. Provided are step by step test procedures using a lab scope or multi-meter. Technical content provided includes:

- Domestic, Asian, and European vehicle coverage.
- Engine, transmission, and ABS systems covered.
- Vehicle System Test Functional Tests (multiple charging, fuel, and ignition tests)
- Component Wiring Diagrams
- Component Specifications
- Oil Light Reset Procedures
- Current Ramping Tests
- Engine Specifications
- Circuit Description
- Functional Tests
- Component Locations
- Connector Information
- Reference Waveforms
- Transducer Tests



Genisys EVO® Productivity Tests

OB2 II Smart Cable™

Productivity and ease of use are certain with the OB2 II Smart Cable. No more System Smart Inserts or keys to change with each unique vehicle or system. OB2 II Smart Cable is the cornerstone of Automated System Test™ and All System DTC Scan™!

Automated System Test™

Automated System Test™ is one button press to perform a Comprehensive Health Test and report the data in a fraction of the time it used to take using manual, step-by-step procedures.

All System DTC Scan™

All System DTC Scan is one button press to perform a trouble code check of all supported vehicle systems in seconds.

Bottom Line Benefits:

- Improved technician satisfaction
- Higher technician productivity
- Faster diagnosis
- More convenient

Genisys EVO® Diagnostic Accessories

Genisys Scope Featuring InfoTech Software

- 4-channel full-function scope.
- Adjustable glitch capture.
- 16 MHz Scope - 4 MHz sample rate all channels.
- Copy files to and from USB.
- Auto ranging function data.
- Update via Compact Flash or PC.
- Print via standard PCL3 desktop color printer.
- User selectable background color.

Ignition Scope Capabilities:

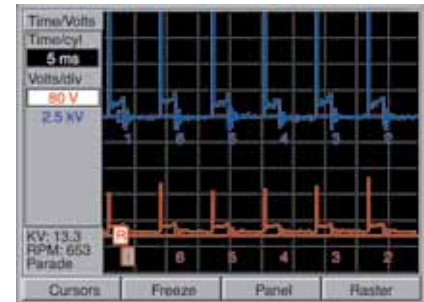
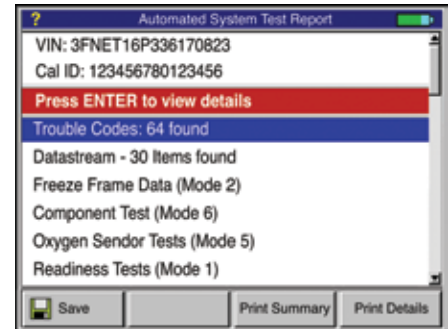
- 4-channel full-function scope.
- Adjustable glitch capture.
- 16 MHz Scope - 4 MHz sample rate all channels.
- Copy files to and from USB.
- Auto ranging function data.
- Update via Compact Flash or PC.
- Print via standard PCL3 desktop color printer.
- User selectable background color.

Performance 5-Gas Module with Integrated Diagnostics™

- Meets or exceeds BAR 97, OIIML Class 0 standards
- Reliable, heavy-duty pump
- Automatic water purge
- Water overload protection
- Automatic zero mode
- Easy pump and sensor servicing
- Full measurement ranges for HC, CO, CO2, NOX, and O2 gases

Tire Pressure Monitoring Reset Tool

- Compatible with the entire Genisys family of scan tools.
- Use the TPR to activate and decode sensor ID's and transmit them to the Genisys wirelessly.
- Register new sensor ID's on Asian vehicles.
- Bluetooth wireless communication adapter included.
- Quick reference reset procedures can be quickly accessed on the Genisys.



Gas	Current	Target	Actual	Unit
CO2	N/A	N/A	0.75	%
CO	0.00	- 1.00	0.15	%
HC	000	- 100	1	ppm
O2	N/A	N/A	1.50	%
NOX	0000	- 1925	15030	ppm
AFR	14.7		30.88	

Reference: 2000, Car, MPFI, Idle RPM.
Frame: 0 Zero after 30 min



2011 Software – Innovative Leadership

System 5.0

The 2011 software release is supported by a significantly improved scan tool operating system, version 5.0. System 5.0 innovation offers many improvements to speed and operation. Some of these improvements include:

Code-Assist Library – Code-Assist is a powerful experienced-based tech tip data base helping technicians fix cars daily is now available as a searchable database.

Maintenance Tests Lookup – For many technicians finding routine maintenance tests, such as replacing brake system components, performing wheel alignments, TPMS sensor registrations, etc. can be difficult at best; OEM's put these crucial tests into many controllers. To improve the user's ability to find and use these critical tests a "Maintenance" information screen has been added to the tool.

Application Guide Improvements – A new document called "Maintenance Test Application Guide" that contains all the Maintenance Test information available on the live tool has been created and will be included in the release CD, as an improvement to the current application guides. This will give the user another avenue to this critical information.

Genisys Server Based Registration – Genisys now requires registration, a process that is simple and can be accomplished by following the instructions on the server web site: www.spxregistration.com or calling Customer Service at 800-533-6127.

Registration allows the Genisys user to have a central location to determine exactly what is on their specific tool, what is available for free update, and what is available for purchase.

Coverage, coverage, and coverage!

Innovative features are very helpful and increase a technician's productivity. OTC has led the industry in diagnostic tool innovation for decades. However, it's all about coverage!

The 2011 Domestic/Asian update is a significant improvement in terms of coverage years and actuation and adjustment capability. The focus of this year's release was on significantly improving the actuation and adjustment **coverage for all years** as well as updating the system support to model year 2011.

USA 2011 Domestic Software Highlights

New Expanded Systems Coverage and Special Tests for US domestic vehicles. Here are a few highlights of this year's release.

Approximately **8974 new vehicle-ECU combinations, 871 systems, and over 2450 new actuator and adjustment tests** are added for 2011 and older year vehicles.

New Adjustment Test examples:

- GM Crankshaft Learn, Oil Life Reset, Actuator Recalibration, Brake Pressure Sensor Calibration, Reset Transmission Adapts, Setup New SDM, Setup New HVAC, Steering Angle Sensor Centering, Trans Adaptive Values Learn, Automated Brake Bleeds, TPMS Registration and more.
- Ford Reset Battery Monitor System and Tire Pressure Sensor Registration
- Chrysler EMR Reset, IAC Reset, EGS Initialization, Learn ETC, Reset Cam Crank Sync, Program Tire Size, Transmission Quick Learn and Set Pinion Factor, and Brake Bleed.

New Actuation Test examples:

- GM EVAP solenoids, Fans, Fuel Injectors, Fuel Pump, O2 Sensor Heaters, Cylinder Deactivation, Transmission solenoids, and ABS solenoids.
- Ford EGR solenoids, EVAP solenoids, Fans, Fuel Injectors, Fuel Pump, O2 Sensor Heaters, Transmission solenoids, ABS Solenoids with greatly expanded coverage for Power Balance and Relative Compression tests.
- Chrysler Fans, Fuel Injector Control, Cylinder Deactivation Control, O2 Sensor Heaters, Transfer Case solenoids and Transmission Shift solenoids.

USA 2011 Asian Software Highlights

Powerful Asian diagnostics coverage also includes expanded system coverage and Special Tests. New key features include:

Approximately **3,550 new vehicle-ECU combinations, over 400 systems, and over 1600 new actuator and adjustment tests** are added for earlier year vehicles as well as 2011 models.

New Adjustment Test examples:

- Honda Engine Oil Life Reset, Maintenance Item Reset, ATF Reset, All Sensors Calibration, Steering Angle Sensor Calibration, and TPMS Registration
- Toyota Zero Point Calibration/Test Mode, Tire Pressure Sensor Registration, Reset Memory and more Brake Bleeds.
- Nissan Tire Pressure Sensor Registration, Brake Bleeds, Steering Angle Sensor Adjustment, Power Supply air bleeding pattern, Deceleration G Sensor Calibration, ABS Solenoid tests for each wheel and Zero point calibration/test mode.
- Hyundai TPMS Registration and Steering Angle Sensor.
- Kia Reset Adaptive Values, TPMS Registration and ABS Bleeding.

New Actuation Test examples:

- Honda Battery Fans, VTEC Tests, Transmission solenoids, and ABS solenoids.
- Toyota EGR Tests, Fuel Pump, Transmission solenoids, VVT tests, and ABS solenoids.
- Nissan CVVT tests, ABS and TRAC solenoids.
- Hyundai / Kia Cam Phasers, EVAP Solenoids, Fans, Fuel Pump, Injectors, Transmission solenoids, ABS solenoids.
- And many more, including Mazda and Mitsubishi!

USA 2010 European Software with Pathfinder

The Genisys European 2010 vehicle coverage focuses on functionality shops need today. New key features include:

Approximately **7,782 new vehicle-ECU combinations, over 780 systems, and over 200 new adjustment tests** are added for earlier year vehicles as well as 2010 models.

New Adjustment Test examples:

- BMW Battery Exchange Register, Front Brake Zeroing, Rear Brake Zeroing, Inspection/Service Interval Reset, Oil Service Reset, and Steering Angle Sensor.
- Mercedes Maintenance Resets, Injectors Zero Point Learn, Reset Mixture Adaptation, Reset Steering Angle Calibration, and Reset Throttle Valve Adaptation.
- Volvo Lateral Accel Calibration, Longitudinal Accel Calibration, Service Light Reset, Steering Angle Calibration, Tire Pressure Sensor Registration, and Yaw Rate Calibration.

New Actuation Test examples:

- BMW Fan(s), Fuel Injector(s), Fuel Pump, Fuel Tank Vent Valve(s), Oxygen Sensor Heater(s), Shift Solenoid(s), and VANOS Inlet/Exhaust.
- Mercedes Compression Test, Fuel Injector(s), EGR Control, Evaporative System Leak Check, EVAP Purge Control, Fuel Pump, Shift Solenoid(s), and Variable Cam Intake/Exhaust Solenoid(s).
- Mini Fan, Fuel Pump, Fuel Tank Vent Valve(s), and Oxygen Sensor Heater(s).
- Volvo EVAP Purge Control, Fan(s), Fuel Injector(s), Fuel Pump, Shift Solenoid(s), and Variable Cam Intake/Exhaust Solenoid(s).

Audi / Volkswagen Test Functionality examples:

Over **600 new adjustment actuation tests** are added for earlier year vehicles as well as 2010 models.

- Test functionality that includes:
Output Test, Basic Settings, Controller Coding, Adaptation, and Coding II.



3421-135

USA 2011 Domestic/Asian System 5.0 with ABS Software Bundle Kit

NEW Domestic 2011 model coverage for GM, Ford, Chrysler, Jeep, and Saturn with Asian coverage for Toyota, Honda, Nissan, Mazda, Mitsubishi and more. Both include additional system coverage for earlier years. This valuable software bundle also installs the NEW System 5.0 and includes Code-Assist™ experienced-based Confirmed Fixes™ from Identifix®, Pathfinder troubleshooting with Repair-Trac®, Fast fixes™, Automated System Test™, All Systems DTC Scan, Smart Cards, manual, ConnecTech Reader, and the NGIS Windows-based program CD for downloading software updates.

NOTE: System 4.0, 4GB card minimum required to install; see No. 3421-138. One time scan tool registration required.



3421-128

USA 2010 European Software Update Kit

OEM based European enhanced coverage software for select European manufacturers: Audi, BMW, Mercedes-Benz, Mini Cooper, Volvo, and Volkswagen. Kit includes NGIS software installation CD and Smart Card.

NOTE: System 4.0, 4GB card minimum required to install; see No. 3421-138. 3421-88 Smart Cable required for BMW application coverage.



3421-136

USA 2011 Domestic/Asian with ABS Software & System 5.0 4GB Memory Card Bundle Kit

NEW Domestic 2011 model coverage for GM, Ford, Chrysler, Jeep, and Saturn with Asian coverage for Toyota, Honda, Nissan, Mazda, Mitsubishi and more. Both include additional system coverage for earlier years. This valuable software bundle also includes the NEW System 5.0 4GB Memory Card, Code-Assist™ experienced-based Confirmed Fixes™ from Identifix®, Pathfinder troubleshooting with Repair-Trac®, Fast fixes™, Automated System Test™, All Systems DTC Scan, Smart Cards, manual, ConnecTech Reader, and the NGIS Windows-based program CD for downloading software updates.

NOTE: One time scan tool registration required.



3421-129

USA 2010 European Starter Kit with OEM Cables

OEM based European enhanced coverage software and cables in a single kit! This starter kit allows you to service select European manufacturers: Audi, BMW, Mercedes-Benz, Mini Cooper, Volvo, and Volkswagen. Kit includes NGIS software installation CD, Smart Card, Mercedes 38-pin cable with 38-pin SSI, Mercedes 1-pin cable, BMW cable, and Volkswagen/Audi cable.

NOTE: System 4.0, 4GB card minimum required to install; see No. 3421-138. 3421-88 Smart Cable required for BMW application coverage.



3421-137

Genisys™ 2011 Super Bundle Productivity Kit

This powerful kit maximizes technician productivity with the four most popular Genisys™ options at a value price — USA 2011 Domestic/Asian with ABS, European 2010 and Code-Assist™ experienced-based Confirmed Fixes™ from Identifix®. Also included, the NEW System 5.0 software with a pre-loaded high speed commercial grade 4 GB memory card for fast installation.

NOTE: One time scan tool registration required.



3421-75

USA OEM European Cable Kit

"For users that have European 2005 software and no European OEM cables." Kit includes Mercedes 38-pin cable, Mercedes 1-pin cable, Mercedes 38-pin SSI, BMW cable, and Volkswagen/Audi cable.



3421-138

Genisys System 5.0 Memory Expansion Kit

The memory card is pre-loaded for your convenience with all Genisys application software. New applications not already authorized require a separate purchase. Kit includes System 5.0 Software and a pre-loaded high speed commercial grade 4 GB memory card for fast installation.

NOTE: New software application authorization is only obtained by purchasing the appropriate software kits. One time scan tool registration required.



3421-77

USA European Cable Update Kit

These cables are for Genisys owners who already have European 2003 cables and want to update cables to 2005. Kit includes Mercedes 38-pin SSI and BMW cable.

NOTE: Smart Cable 3421-88 is required for BMW application coverage.



3421-94

USA Asian OEM Cable Kit (cables only)

This cable kit is for Genisys owners who have the USA 2007 Asian software, but need the Asian-specific OEM vehicle cables.



3421-83

InfoTech Driveability and Component Test Diagnostic Software

- Genisys with Scope – InfoTech 2006 provides powerful repair information, and also sets up the Genisys scope for you!

The kit includes InfoTech 2006 Smart Card, manual, and the NGIS Windows-based program CD for downloading software updates.

NOTE: System 4.0, 4GB card minimum required to install; see No. 3421-138.



3421-70

USA Domestic OEM Cable Kit

Cables included: Ford II, Ford III, Chrysler, Chrysler III, GM, GM TPI, power cable, and battery adapter.



Genisys Heavy-Duty Standard

Genisys HD supports two Society of Automotive Engineers (SAE) standards for the heavy-duty industry, J1587 / J1708 and J1930 CAN.

Features:

- Class 4 – Class 8 truck coverage.
- View and clear diagnostic trouble codes
- Live vehicle data

Applications:

Tow trucks, recreational vehicles, buses, cement trucks, dump trucks, step vans, garbage trucks, municipal vehicles, refrigerated trucks, and conventional trucks.

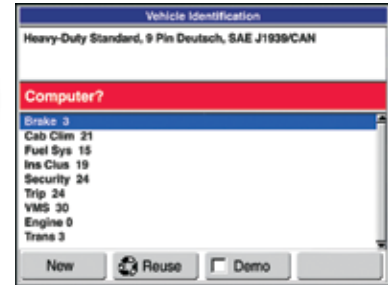
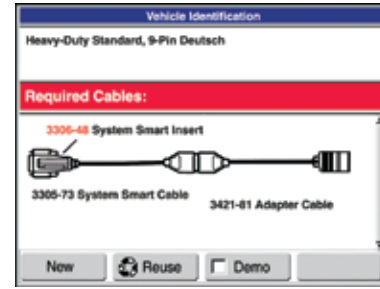
3421-79

Genisys Heavy-Duty Starter Kit

Genisys Heavy-Duty Standard software includes J1587/J1708 and J1939 CAN communications.

Kit includes 9-pin Deutsch cable, 6-pin Deutsch cable, Smart Card, and PC software CD.

NOTE: System 4.0, 4GB card minimum required to install; see No. 3421-138.



3421-88

OBD II Smart Cable

The new OBD II Smart Cable is essentially "plug and play."

NOTE: Operation requires Domestic/Asian 2006 or newer software; see No. 3421-135, 3421-136 or 3421-137.



3421-54

USA ABS/Air Bag OEM Cable Kit

USA ABS/Air Bag OEM cable kit. Includes ABS-specific cables.



3688

Genisys Scope Module with InfoTech Driveability Software Kit

Includes the Genisys 4-channel lab scope module with four DMM leads, ground lead, kV conventional ignition lead, GM HEI ignition adapter, ignition sync lead, manual, InfoTech repair information software Smart Card, and carrying case.

NOTE: System 4.0, 4GB card minimum required to install; see No. 3421-138.



3780

Genisys Performance 5-Gas Module

The Genisys emissions repair solution. Kit includes the plug-in Performance 5-Gas Analyzer Module, hose, probe, Gas M-P software, regulator, filters, manual, and carrying case.

NOTE: System 4.0, 4GB card minimum required to install; see No. 3421-138.



3421-36

ConnecTech™ PC Software Kit

Use your PC for more diagnostic functionality! Genisys ConnecTech PC software kit. Includes ConnecTech software CD, Smart Card, and 20' cable to PC.



Genisys DVD Training

Customized training – This full length video program is based solely on the Genisys.

Enhanced training – Takes you beyond the basics of the Genisys.

Train at your own pace – The TEAM AVI training format using chaptered DVDs allows you to start and stop.

Step-by-step instructions – On using the most powerful diagnostic functions.

How to use – Graphing, recording, record playback for those "intermittent" problems.

In-depth training – Goes beyond button pushing to showcase such important features as Pathfinder troubleshooting, graphing, and more.

Ease of use – Questions on the Genisys are covered in the training and can be reviewed quickly, even in the shop.

3615

Genisys DVD Training. Contains two full-length DVDs and an illustrated manual for shop use.

3615SP

Genisys DVD Training– Spanish. Contains full-length DVDs and an illustrated manual for shop use.



No. 3615

2011 Tools & Techniques Service, Maintenance & EMS Repair DVD

Engine Management System Diagnostics

- Includes OPEN licence – disc NEVER stops working.
- Designed for shops and technicians engaged in advanced diagnosis and fault finding.
- PIN voltage database features data, values, connector images and connector locations.
- EMS wiring diagrams – including power supply and ground.
- Oscilloscope wave form patterns.
- Over 15-years of coverage.

3615-01

2011 Tools & Techniques EMS Diagnostic DVD.

3615-02

2011 Tools & Techniques Service, Maintenance & EMS Repair DVD.



Genisys Classic & EVO Protective Cover

- One piece tool cover
- Top connector cover
- Back cover for without scope module
- Back cover for with scope module

No. 3421-102

Genisys Protective Cover.

No. 3421-115

Genisys EVO Protective Cover with display protector.





Tire Pressure Monitoring Reset Tool

- Compatible with the entire Genisys family of scan tools.
- Use the TPR to activate and decode sensor ID's and transmit them to the Genisys wirelessly.
- Register new sensor ID's on Asian vehicles.
- Bluetooth wireless communication adapter included.
- Quick reference reset procedures can be quickly accessed on the Genisys.



3834

See page 30 for more information.



3874TPR

Genisys EVO® USA 2011 Kit with Tire Pressure Reset Tool

Includes Genisys EVO® featuring the NEW System 5.0 with Code-Assist™ experienced-based Confirmed Fixes™ from Identifix®, NEW USA 2011 Domestic / Asian with ABS and European 2010 software including Pathfinder, Repair-Trac®, Fast fixes™ information, InfoTech Component Information software, Automated System Test™, OBD II Smart Cable, USA Domestic and ABS/Airbag OEM vehicle cables (for GM, Ford, Chrysler, Jeep, Saturn), manuals, and carrying case. Tire Pressure Reset tool kit includes; TPR handheld, DB25 wireless adapter, registration card, user manual for TPR and Genisys interface.

NOTE: OEM cables may be required for certain vehicle system functions. Additional OEM cables are available individually or in convenient kits - Asian OEM Cable Kit 3421-94 and European OEM Cable Kit 3421-75. One time scan tool registration required.



3874HD

Genisys EVO® USA 2011 Deluxe with Heavy Duty Standard Kit

Includes Genisys EVO® featuring the NEW System 5.0 with Code-Assist™ experienced-based Confirmed Fixes™ from Identifix®, NEW USA 2011 Domestic / Asian with ABS and European 2010 software including Pathfinder, Repair-Trac®, Fast fixes™ information, Heavy-Duty Standard software with cables, InfoTech Component Information software, Automated System Test™, OBD II Smart Cable, USA Domestic OEM vehicle cables (for GM, Ford, Chrysler, Jeep, Saturn), manuals, and carrying case.

NOTE: OEM cables may be required for certain vehicle system functions. Additional OEM cables are available individually or in convenient kits - Asian OEM Cable Kit 3421-94, European OEM Cable Kit 3421-75 and ABS/Airbag OEM Cable Kit 3421-54. One time scan tool registration required.



3875

Genisys EVO® USA 2011 OBD II Kit

Includes Genisys EVO® featuring the NEW System 5.0 with Code-Assist™ experienced-based Confirmed Fixes™ from Identifix®, NEW USA 2011 Domestic / Asian with ABS and European 2010 software including Pathfinder, Repair-Trac®, Fast fixes™ information, InfoTech Component Information software, Automated System Test™, OBD II Smart Cable, manuals, and carrying case.

NOTE: OEM cables may be required for certain vehicle system functions. Additional OEM cables are available individually or in convenient kits - USA Domestic OEM Cable Kit 3421-70, Asian OEM Cable Kit 3421-94, European OEM Cable Kit 3421-75 and ABS /Airbag OEM Cable Kit 3421-54. One time scan tool registration required.



3874

Genisys EVO® USA 2011 Kit with Domestic and ABS/Air Bag Cables

Includes Genisys EVO® featuring the NEW System 5.0 with Code-Assist™ experienced-based Confirmed Fixes™ from Identifix®, NEW USA 2011 Domestic / Asian with ABS and European 2010 software including Pathfinder, Repair-Trac®, Fast fixes™ information, InfoTech Component Information software, Automated System Test™, OBD II Smart Cable, USA Domestic and ABS/Airbag OEM vehicle cables (for GM, Ford, Chrysler, Jeep, Saturn), manuals, and carrying case.

NOTE: OEM cables may be required for certain vehicle system functions. Additional OEM cables are available individually or in convenient kits - Asian OEM Cable Kit 3421-94 and European OEM Cable Kit 3421-75. One time scan tool registration required.



3829

Reflash, Reprogram, Revenue

Have you ever spent hours of labor chasing driveability issues only to find out that there was a software update available for the vehicle's computer? Yesterday's shops only needed to address diagnostics. Today's shops must also incorporate reprogramming. In many cases on today's modern vehicles, reflash is the only way to fix:

- OE engineering corrections
- Check engine light issues
- Driveability issues
- And many more!
- Poor performance
- Premature component failure
- Emissions related problems

Features

- J2534-1, -2
- ISO 22900 -1, -2
- Standard and custom OEM protocols and pin-selections
- Wireless with advanced networking functions
- Built-in wireless and data storage
- USB
- Wireless configuration and connection manager applications



3829 includes: Vehicle Communication Interface, power supply adapter kit, OBD II cable, power supply cable, USB cable, J2534 training CD, quick start guide, one-year warranty and protective carry case.

For Flash Reprogramming/ Attaches to Vehicle Shop Lifts



OTC-700A

70 AMP Power Supply Battery Charger

A power supply for Flash Reprogramming is a device that connects to the vehicle's battery and outputs a designated supply of clean DC power. The OTC Power Supply/Battery Charger will allow the shop to power the widest variety of vehicles during Flash Reprogramming.

Power Supply Features

- Constant voltage output selectable from 13.0 to 14.8V DC
- Output current up to 70 amps
- Clean power for flash reprogramming
- Provides power to vehicles on display

Battery Charger Features

- Fully automatic operation for 12V batteries
- Works with regular automotive, deep-cycle, AGM, and gel cell battery types
- Variable charge rates 4/20/70 amps
- Digital volts and amps display
- Manual mode with digital timer



3870TPR11

The TPR activation tool links to the scan tool using a wireless communication link for seamless transfer of data!



- FAST and EASY new TPMS sensor I.D. programming on Asian import vehicles, activate the Sensors with the TPR and the scan tool receives the ID's wirelessly from the from the TPR activation tool for simple reprogramming.
- The user interface was greatly simplified for "Tire Pressure Sensor Registration", unifying and simplifying the user interface experience with a single easy process!
- TPMS Scan function displays TPMS Datastream and DTC values if required.
- TPMS sensor tire pressure information scanned from the vehicle computer, such as, actual TPMS sensor PSI, Temp and Battery voltage or you can read directly from the sensor using the TPR Tool.
- Reprogram tire size on supported applications.

OTC's TPMS Scan Tool

- Best in class coverage through 2011 for Domestic, Asian and European vehicles.
- Added coverage for 107 new systems, 1,048 new vehicle-ECU combinations and 52 new Tire Pressure Sensor Registration tests, including:
 - NEW FIRST TIME coverage for Hyundai / Kia!
 - NEW European coverage for BMW / Mini, Mercedes Benz, Volkswagen, Audi, and Volvo
 - NEW Asian coverage for Toyota, Honda, Nissan and more.
 - NEW GM, Ford, and Chrysler coverage not available in competitive tools!

The OTC's TPR is a fast and simple to use TPMS activation tool

- Reprogram the new EZ Sensors with the optional 3834EZ-01 kit.
- Bright graphic display and simple navigation buttons enable vehicle selection for fast activation.
- Automatically adjusts activation output power to eliminate cross activation of near sensors.
- Easily updated with a wireless connection to the TPMS scan tool when new software is installed on the TPMS scan tool.

The TPMS Quick Reference Manual is "On-Tool" providing fast access to TPMS information at the car!

- Everything you need to know about how to service the TPMS system is in the palm of your hand!
 - TPMS Description
 - Reset Requirements
 - Torque Specifications
 - Reset Procedures
- The Quick Reference information is specifically for placing the vehicle in Learn Mode and completing the Reset Procedure.

3870TPR11

TPMS Scan Tool with TPR Reset Tool Kit

TPMS scan tool, TPR handheld, DB25 wireless adapter, OBD II smart cable, carry case, registration card, user manual, and TPMS/TPR ScanMate 2010 CD.

3870-03

TPMS Scan Tool with TPR Reset Tool Update Kit

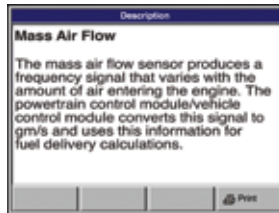
2010 TPMS/TPR security card, pre-loaded high speed commercial memory card and TPMS/TPR ScanMate 2010 CD.



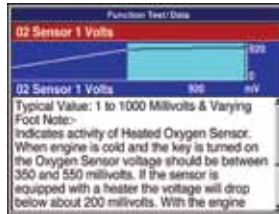
Nemisis USA Domestic & Asian

Product Features:

- **NEW** Code-Assist™ experienced-based Confirmed Fixes™ from Identifix®
- **NEW** Nemisis OBD II Smart Cable expands the system coverage to include GM Single Wire CAN systems and more!
- **NEW** coverage includes Body and Chassis systems along with Engine, Transmission, ABS, and Airbag.
- **NEW** Repair Information – Typical Sensor/Data Specs.
- **NEW** USA Domestic OBD I & OBD II coverage(1984 thru 2011).
- **NEW** USA Asian OBD I & OBD II optional coverage (1983 thru 2011).
- **NEW** OBD II Mode “A” support - the 10th Mode.
- Domestic and Asian Enhanced Data & DTCs.
- Global OBD II Asian & European coverage (1996 thru 2011).
- Data Graphing.
- CAN Enabled—no adapters to buy.
- Record / Playback.
- Vehicle Protocols: CAN, J1850 VPM, J1850 PWM, ISO 9141, Keyword 2000, UART, SCP, SCI, CCD, and more.
- Gasoline and diesel engine coverage.
- Vehicle data communication and power LED indicators.
- Demo mode permits operation without vehicle connection.
- Supports multiple trouble code requests, generic codes (mode 3), pending codes (mode 7), enhanced codes, and GM DTC status.
- On-screen definitions of diagnostic trouble codes.
- On-screen text in Spanish, French, and English.
- Trilingual Quick Start Guide included to help technicians get started fixing cars FAST.
- CD-based manuals in Spanish, French, and English.
- Customize data views in line graph, LED, or digital format with the push of a button.
- Automatic recording of data.
- Three record modes – marker frame, freeze data history, and code triggered record.
- Four software-definable function keys.
- Includes six AA batteries for uninterrupted power supply and off-vehicle use.
- Internet upgradable.



Sensor/Data Descriptions



Typical Sensor/Data Values with live data Graphing.



Improved ScanMate PC Software

Upload recordings, play back recordings, print reports, export captured data in spreadsheet format, get Internet updates, email and share data recordings, view data in line graph, bar graph, meter, digital, or superimposed format.

Nemisis Vehicle Coverage

Domestic Kit Vehicle Coverage

GM	'84–2011
Ford	'84–2011
Chrysler	'88–2011
Jeep	'91–2011
Saturn	'91–2011
USA Asian (Global OBD II)	'96–2011
USA European (Global OBD II)	'96–2011

USA Asian Vehicle Coverage

Honda	'85–2011
Toyota	'88–2011
Nissan	'87–2011
Mitsubishi	'88–2011
Mazda	'83–2011
Hyundai	'89–2011
Kia	'95–2011
Isuzu	'84–2011
And more Asian Systems	

3821

Nemisis Vivid USA 2011 Domestic/Asian Deluxe Scan Kit

Includes Nemisis scan tool loaded with New OEM based 2011 Domestic and Asian coverage back to 1983 for engine, body, and chassis systems. Includes the NEW Code-Assist™ Library of experienced-based Confirmed Fixes™ from Identifix® and Data / Sensor Info repair information; OBD II smart cable; Ford, GM, Chrysler OBD I cables; ScanMate Lite PC software; USB to PC cable; compact flash to USB adapter; 12-volt power cable; Quick Start Guide included with CD-based manuals in Spanish, French, English; and a professional carrying case.



Bonus offer – A coupon for a 60 Day Test Drive of the Identifix Direct-Hit website is included, a \$240 value!

3822

Nemisis Vivid USA 2011 Domestic/Asian OBD II Scan Kit

Includes Nemisis scan tool loaded with New OEM based 2011 Domestic and Asian coverage back to 1983 for engine, body, and chassis systems. Includes the NEW Code-Assist™ Library of experienced-based Confirmed Fixes™ from Identifix® and Data / Sensor Info repair information; OBD II smart cable; ScanMate Lite PC software; USB to PC cable; compact flash to USB adapter; Quick Start Guide included with CD-based manuals in Spanish, French, English; and a professional carrying case.



Bonus offer – A coupon for a 60 Day Test Drive of the Identifix Direct-Hit website is included, a \$240 value!

3774-35

Nemisis USA 2011 Domestic/Asian with Memory Card Bundle Kit

New OEM based 2011 Domestic and Asian coverage back to 1983 for engine, body, and chassis systems. Includes the NEW Code-Assist™ Library of experienced-based Confirmed Fixes™ from Identifix® and Data / Sensor Info repair information. This valuable software bundle also includes the Memory Card, Security Cards, Quick Start Guide, and the ScanMate Lite Windows-based PC software CD for downloading updates.



3774-19

Asian OEM Cables

Asian OEM optional cables to support the new vehicle and system coverage.



3774-21

Protective Cover

- Increased drop protection.
- Increased temperature protection. Helps protect the tool when used around a hot engine.
- Easily wipe away dirt and grime. The resilient rubber compound is specifically designed for shop use.



3759

DVD with Training Manual

- Contains over one hour of DVD training.
- Includes illustrated manual for shop use.
- Utilizes the latest software to get the maximum function from your Nemisis.



3499N

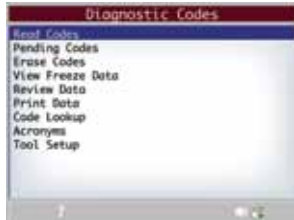
ScanPro™ Elite OBD I and OBD II Scan Tool

The ScanPro™ Elite has a full color screen and an ergonomically designed housing. This full function OBD I and OBD II scan tool provides enhanced powertrain coverage for GM, Ford, Chrysler, and Toyota. All compliant manufacturers are covered with global OBD II including CAN-based vehicles.

Product Features:

- Retains data from the last 5 vehicles scanned
- Color QVGA graphic backlit LCD
- ABS code/erase capability for 1996-2006 GM, Ford and Chrysler vehicles
- On tool acronym library
- Dynamic language switching – English & Spanish
- Toyota OBD I functionality - cable sold separately
- USB port in tool - cable Included
- Print data via USB PC interface
- Graphing data – all vehicles.
- OBD II drive cycle mode
- GM, Ford, and Chrysler OBD I functionality
- Gas and diesel engine coverage
- Supports multiple trouble code requests, generic codes, pending codes, enhanced codes, and GM DTC status
- On screen definitions of DTCs
- All 9 modes of OBD II supported
- Battery power (6 AAA batteries included)
- Quick test
- Performs tool hardware self-test
- USER Key
- Function specific help
- Flash programmable memory
- I/M readiness
- Read codes
- Pending codes
- Erase codes
- View data
- Record and playback of data
- Freeze frame
- O2 monitor test
- Diagnostic monitor test
- On board systems
- Vehicle information
- State OBD check
- Code lookup

3499N includes:
Base scan tool
Vehicle cables to support OBD II,
Ford OBI MCU/EEC-IV,
Chrysler OBD I SCI
and GM OBD I ALDL,
soft carry case,
USB update cable,
8' extension cable,
Scanning Suite CD
for Windows XP,
Vista and 7,
6 AAA batteries



Large, color, backlit QVGA graphic display.



Displays codes and descriptions on the same screen



Graph live data or recorded data - "flight record and playback"



3111

*Trilingual OBD II, CAN & ABS Scan Tool Scan Tool with millions of verified fixes at the touch of a button.

The 3111 OBD II & CAN Scan Tool with CodeConnect and ABS doesn't just display the trouble code, but can also help prioritize troubleshooting with the Top Reported Fixes specific to the vehicle's make, model, year and engine. Just press the CodeConnect hot key and "connect" with the most probable solutions.

CodeConnect™ Revolutionizes vehicle repairs.

The CodeConnect information takes vehicle repairs to another level for Technicians at an affordable price. These actual vehicle fixes have been reported and then verified by our team of ASE certified technicians.

Product Features:

- CodeConnect™
- Record and playback LIVE engine data
- Display LIVE real time data
- Enhanced code request for GM, Ford, Chrysler and Toyota vehicles
- 2010 MY coverage for HD, Hybrid and Diesel vehicles
- ABS code read/erase capability for most 1996–newer GM, Ford and Chrysler vehicles
- Custom data list for LIVE data
- Graph LIVE data
- Displays all modes of global OBD II data
- Displays enhanced code definitions

Software Features:

- Read and erase DTCs
- Compatible with OBD II and CAN vehicles 1996 & newer
- OBD II generic & manufacturer specific code definitions
- Read and display MIL status
- Read and display I/M monitors
- Visual indicator when communicating with vehicle
- Pending DTCs
- Freeze frame data
- Drive cycle mode
- State OBD check
- Code lookup library
- Trilingual menus and definitions

Hardware Features:

- Review data off vehicle with optional battery power
- Field updatable (USB update cable included)
- Trilingual manual (English, Spanish, & French)
- Print data to PC

3111 includes: Scan tool and user manual, USB update cable, Scanning suite CD for Windows XP, Vista and 7, 4 AAA batteries, deluxe soft storage case.



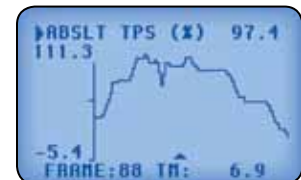
USB Port:
For receiving
online updates.



CodeConnect™

Provides millions of verified fixes specific to the vehicle's make, model, year and engine.

*CodeConnect™ data in English only.



Record, graph & playback LIVE data



ABS code screen view



OTC 3108 Dimensions	
Width	2 inches
Height	3.18 inches
Depth	0.65 inches
Cord Length	31 inches



3108

PocketScan® Code Reader

OTC's 3108 is the most powerful, compact, and technician priced code reader available!

The OTC 3108 PocketScan Code Reader is an advanced DTC diagnostic tool. DTC's and descriptions are just a start of the tasks it can handle. This professional tool also provides Freeze Frame, VIN info and performs the important task of (I/M) Inspection and Maintenance-readiness testing by displaying the I/M readiness monitor status.

Great for use before and after repairs are made. The small size makes it perfect for tow trucks or service vehicles as well as home use.

Product Features:

- Over 4,000 generic code definitions
- Automatically reads DTC's when connected for fast diagnostics.
- Displays OBD II generic code definitions
- Reads and displays DTCs
- Reads and displays MIL status
- Reads and displays pending codes
- Reads and displays VIN (easy way to check vehicle ID number)
- OBD II cable (attached), manual included
- Erases DTCs
- Reads and displays I/M monitors
- Reads and displays freeze frame data

3498

OBD I and OBD II Code Scanner

Multi-function code scanner that retrieves GM, Ford and Chrysler OBD I and all generic OBD II diagnostic trouble codes for all 1996 to 2006 foreign and domestic OBD II compliant vehicles as well as display selected enhanced codes for GM, Ford, Chrysler and Toyota and certain manufacturer's specific codes for Asian and European vehicles.

Functions:

- Read hard and pending codes and their definitions
- Erase codes and reset MIL
- View freeze frame data
- PC upload and printing capability
- Off vehicle data review

Product Features:

- OBD I functionality – cables included for '84-'95 Ford, '84-'95 GM and '89-'95 Chrysler vehicles
- Functions on all 1996 to current OBD II compliant vehicles
- CAN capability
- Internal library of trouble code definitions
- Large, 128 x 64 backlit graphic display with adjustable contrast
- Displays codes and descriptions on the same screen
- Easy-to-use, menu driven software
- Detachable cable
- Supports OBD I & OBD II enhanced functionality for GM, Ford & Chrysler
- Honda OEM enhanced DTC's for OBD II
- Scanning Suite CD
- Update Tool
- DTC Look-up
- Browse Manuals
- Print Companion

3498 includes: Scanning suite CD for Windows XP, Vista and 7, manual, padded nylon storage case, 6 AAA batteries, 8' extension cable USB cable, with vehicle cables to support OBD II, Ford OBD I MCU/EEC-IV, Chrysler OBD I SCI, and GM OBD I ALDL.



OTC 3109 Dimensions	
Width	2.75 inches
Height	5 inches
Depth	0.75 inches
Cord Length	31 inches



3109

Trilingual OBD II/EOBD & CAN Scan Tool

Get scan tool features at a code reader price. Live Data allows the user to view vehicle sensor, switch and relay inputs in real time, while the engine is running. This information helps pinpoint problem components for a faster diagnosis. Additionally, the OTC 3109 displays all 9 modes of OBD II data and meets European OBD standards.

OBD II information available:

- Read and display LIVE sensor data
- Displays generic and enhanced definitions on screen
- Read and display MIL status
- Read and erase diagnostic trouble codes
- It will give visual indication when the tool is trying to communicate and retrieve data from an OBD II vehicle
- Read and display I/M monitors (emissions)
- Read and display pending DTCs
- Read and display freeze frame data (snap-shot of vehicle data at the time of the fault)
- Read and display VIN number, CVN and Cal ID
- Display State OBD check
- Display OBD II Drive Cycle Mode
- Read and display O2 Monitor Test
- Read and display Diagnostic Monitor Test
- Read and display On Board Systems

Product Features:

- Over 15,000 code definitions for comprehensive coverage
- Field updatable via USB port for future expansion
- EOBD compatible
- CE certification
- Trilingual menu, manual and definitions (English, Spanish, French)

3109 includes: OBD II/EOBD scan tool, user manual and CD, USB cable, USB port for receiving online updates.

USB Port:
For receiving online updates.

OTCSCANPK

OTC Scan Pack Bundle

Bundle includes:

- One (1) unit OTC 3111 displays trouble codes and can also help prioritize troubleshooting with the Top Reported Fixes specific to the vehicle's make, model, year and engine. Just press the CodeConnect hot key and "connect" with the most probable solutions.
- One (1) unit OTC 3109 provides scan tool features at a code reader price. Live Data allows the user to view vehicle sensor, switch and relay inputs in real time, while the engine is running. This information helps pinpoint problem components for a faster diagnosis. Additionally, the OTC 3109 displays all modes of OBD II data and meets European EOBD standards.
- Two (2) units OTC 3108, DTC's and descriptions are just a start of the tasks it can handle. This professional tool also provides Freeze Frame, VIN info and performs the important task of (I/M) Inspection and Maintenance-readiness testing by displaying the I/M readiness monitor status. Great for use before and after repairs are made. The small size makes it perfect for tow trucks or service vehicles as well as home use.
- One (1) durable, colorful display box.





	Code Reader	OBD II Scan	Code Connect Scan	ScanPro Elite	Nemisis Vivid	Genisys EVO	Pegisys PC Deluxe	Pegisys
Scan Functionality								
CAN Enabled Tool (no adapters to buy)	X	X	X	X	X	X	X	X
Global OBD II (Domestic, Asian, European)	X	X	X	X	X	X	X	X
OBD II Generic Diagnostic Trouble Codes	X	X	X	X	X	X	X	X
Diagnostic Trouble Code Descriptions	X	X	X	X	X	X	X	X
Vehicle Information (Mode 9)	VIN only	X	X	X	X	X	X	X
Freeze Frame Data	X	X	X	X	X	X	X	X
Upgradable		X	X	X	X	X	X	X
State OBD Check		X	X	X	X	X	X	X
Generic Data Stream		X	X	X	X	X	X	X
Manufacturer Specific Diagnostic Trouble Codes		X	X	X	X	X	X	X
Manufacturer Enhanced Diagnostic Trouble Codes			X	X	X	X	X	X
Graph Data Stream			X	X	X	X	X	X
Enhanced Data Stream				X	X	X	X	X
Domestic OBD II Enhanced			X	X	X	X	X	X
Domestic OBD I				X	X	X	X	X
Domestic Non-Engine Coverage			Domestic ABS	ABS & Trans	X	X	X	X
Asian OBD II Enhanced				Toyota	X	X	X	X
Asian OBD I				Toyota	X	X	X	X
Asian Non-Engine Coverage					X	X	X	X
Bidirectional Controls (Actuator Tests)					Limited	X	X	X
European OBD II Enhanced						X	X	X
European OBD I						X	X	X
European Non-Engine Coverage						X	X	X
Automated System Test						X	X	X
All System DTC Scan				OBD Quick Test	OBD Quick Test	X	X	X
Multiple Language Support		X	X	X	X	X	X	X
PC Software		Scanning Suite	Scanning Suite	Scanning Suite	ScanMate	ConnecTech	N/A	N/A
Wired & Wireless Internet Application Connectivity							X	X



	Code Reader	OBD II Scan	Code Connect Scan	ScanPro Elite	Nemisis Vivid	Genisys EVO	Pegisys PC Deluxe	Pegisys
Vehicle Diagnostic								
Code Connect OBD II DTC Tech Tips			X					
Code Assist DTC Specific Tech Tips					X	X	X	X
Pathfinder Troubleshooting Diagnostics					Sensor Data	X	X	X
Repair-Trac® VIN Specific Tech Tips						X	X	X
InfoTech® Driveability & Component Test software						X	X	X
Identifix Direct-Hit Technician							X	X
Options								
High Speed Scope						X	X	X
5-Gas Analyzer						X		
Heavy Duty Standard Coverage						X	X	X
J2534 All Makes Reprogramming Software							X	X
Hot Swap Battery Kit								X
Hardware								
Color Display				X	X	X	PC	X
Graphic Monochrome LCD	Character Mono	X	X				X	
Detachable Cable				X	X	X	X	X
Battery Power			X	X	X	X	X	X
High Resolution 8.4" Touch Screen								X
Embedded High Speed Scope								X
Wireless to the car VCI							X	X
VGA Video Out						X		X
AirBridge Technology WiFi Wireless							X	X
Stereo Speakers & Headphone Jack								X
J2534 Hardware Compliant VCI							X	X
Cables with color coding, part numbers, and description				X			X	X

EZ-TAP

HEAVY-DUTY WIRELESS DIAGNOSTIC SYSTEM



Advanced Telematics Revolutionizing the Heavy Duty Industry

- No recurring monthly charges.
- Advanced Airbridge® 2 Technology.
- Reduced latency for super fast vehicle connections.
- Ability to take fast diagnostic snapshots of a vehicle, even as they drive through an AirBridge® 2 hotspot.
- Faster than traditional wireless for most common diagnostic operations.
- Reduced interference and less vehicle connection drops.
- Range improvement over traditional wireless technology.



300 Ft. + range
 Note: 1000 Ft. + range with optional remote mounted antenna. (3075-07) sold separately.

- 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.

OTC Ez-TAP (Telematics)

- A truck access point providing telematics modes of operation for J1939, J1708 and CAN protocols. This fully RP-1210a compliant access point 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 the latest data from vehicle network.
- **File Storage** – Enough onboard memory to store maintenance notes for the lifetime of the vehicle.

3085 Ez-Tap Fleet Telematic 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 VCI 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.



Advanced Diagnostic Hardware Revolutionizing the Heavy Duty Industry

- The EZ Tap Diagnostic kit permits a Heavy-duty facility to use their OEM software for direct diagnostic mode operation.
- Advanced Airbridge® 2 Technology.
- Reduced latency for super fast vehicle connections.
- Faster than traditional wireless for most common diagnostic operations.
- Reduced interference and less vehicle connection drops.
- Range improvement over traditional wireless technology.



100 Ft. + range

OTC Ez-TAP (Diagnostic Hardware)

- Ez-Tap truck access point hardware supports diagnostic modes of operation for J1939, J1708 and CAN protocols using a shops OEM software. This fully RP-1210a compliant access point 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.

* Will require additional Ez-TRAC software 3085-03.

** Will require additional Ez-File software 3085-01.

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.



Non-Locking



Locking



Ez-Launch, EZ-Trac, EZ-File, EZ-Suite Software Applications

3085-02

OTC Ez-Launch Software

This software allows users to automate mode switching and application launching. With a couple of clicks a user is able to switch from Ez-Trac telematics mode to direct diagnostic mode.

- Enables fast launching of OEM Diagnostic software.
- Simple and efficient switching between software applications.
- Gives the user ability to switch between Ez-TAP connected vehicles effortlessly.



3085-02

3085-03

OTC Ez-Trac Software

Software used to collect and view vehicle telematic and diagnostic snapshot information.

- 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.
- Works with Ez Config Lite (sold separately 3085-04) to customize triggers and parameter limits for your fleet or vehicle.



3085-03

3085-01

OTC Ez-File Software

Allows users to read and write data files to flash memory, as well as upgrade firmware both manually and automatically.

- Allows data, such as vehicle maintenance history information, to be stored on the Ez-TAP.

3085-05

OTC Ez-Suite Software

- Complete software package containing Ez-TAP Drivers, Ez-Launch, Ez-Trac, Ez-File Software, Ez-Config Lite Software.

Ez-TAP Wireless VCI

3075-01

9-pin non-locking

3075-02

9-pin locking



3075-01



3075-02

Note: For your PC to communicate with the Wireless Ez-TAP, you will need an OTC EZ-Base (3075-05) or OTC EZ-Base ER (3075-06).

Ez-TAP USB VCI

3075-03

9-pin non locking, 16 foot USB cable and Ez-TAP CD.

3075-04

9-pin locking, 16 foot USB cable and Ez-TAP CD.



3075-03



3075-04

3075-08

Ez-TAP Adapter

9-pin to 6-pin adapter cable.



3075-05

Ez-Base Wireless Adapter

The Ez-Base allows a PC or host computer to communicate with Ez-TAP using our AirBridge® 2 wireless technology.

- 100+ foot range.
- Built in indicator lights.
- Allows full wireless throughput for direct diagnostics.
- Allows a single PC to connect to any Ez-TAP in range.



3075-06

Ez-Base Extended Range Wireless

Ez-Base Extended Range allows even more range and flexibility for your truck yard or service environment.

- 300+ foot range with the included antenna.
- 1000+ foot range with optional remote mounted antenna. (3075-07) sold separately.
- Built-in Wireless signal strength indicator lights.
- Plus all the features of Ez-Base.



3417

OTC Heavy-Duty Scan Tool

For Heavy-Duty shops that need a second tool in the shop and for their mobile repair trucks.

Product Features:

- Brilliant Color Display
- Class 4 – Class 8 truck coverage featuring "Automatic Protocol Search".
- HD J1587 / J1708 and J1939 CAN, Engine, Transmission/ABS coverage and more!
- Live vehicle data such as: Engine speed, Engine ECU temperature, Percent acceleration pedal position, Engine intercooler temperature, Engine coolant temperature, Battery volts, Alternator volts, Ambient air temperature, Air inlet temperature
- Read and clear diagnostic trouble codes.
- Global OBD II – All 9 Modes.
- English, Spanish, and French support
- Battery powered for off vehicle use.
- Trilingual Quick Start Guide included to help technicians get started fixing cars FAST.
- CD-based manuals in Spanish, French, and English.
- Customize data views in line graph, LED, or digital format with the push of a button.
- Three record modes – marker frame, freeze data history, and code triggered record.

3417 HD Scan Kit Includes: HD scan tool, 9-Pin deutsch cable, 6-Pin deutsch cable, OBD II cable, heavy duty cable, USB cable, ScanMate software operations manual, carrying case and 3-year warranty.

3418

OTC Heavy-Duty Code Reader

- 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.

Heavy-Duty Standard compliant construction, marine, agriculture, & industrial diesel power plant configurations!

3418 HD Reader Kit Includes: HD reader tool, 9-Pin deutsch cable, 6-Pin deutsch cable, operations manual, 3-year warranty, and soft nylon carrying case.



3005

InfoLogger OBD II and EOBD Data Recorder

The InfoLogger data recorder records vehicle Diagnostic Trouble Codes (DTCs) and live data (PIDs) for OBD II and EOBD vehicles. Simply plug InfoLogger into the vehicle's OBD II - EOBD plug and record the data for each trip driven. Visit the InfoLogger website to download the InfoLogger PC software using the included USB cable, then effortlessly upload the recordings to your PC. Easy to use software allows you to review the vehicle DTCs and PIDs, print reports and view data graphs. Compact size allows tool to be left plugged in at all times for ease of use.



Product Features:

- Compatible with OBD II and EOBD vehicles.
- Review and print vehicle diagnostic reports.
- Record Up to 24 hrs of data or up to 32 starts (Storage may differ according to the use of vehicles).
- Speed Warning feature.
- Graph 4 data (PIDs) at one time.
- Multilingual software: English, Spanish, French, Italian and German.

PC required:

- Windows 2000, NT, ME, XP, Vista and 7 compatible.
- Includes USB cable for easy and quick downloads/uploads.

Specifications:

- The InfoLogger collects real-time engine data such as Ignition Timing, Fuel Trim and Engine Speed, among many other variables.
- InfoLogger is a remote diagnostic tool that collects your vehicle data while you drive. Use the data yourself or provide to your service facility.
- Remote diagnostic has been turned into reality.
- The vehicle data storage helps diagnose intermittent problems by giving you the codes, code descriptions, freeze frame, and recorded data which can also be graphed.
- This tool does not clear codes.

3880X

OTC Automotive Inspection Camera

With an industry leading 5.5 millimeter camera, it allows the technician to inspect hard to reach areas that would have normally required taking an engine apart or removing body panels to inspect.

With the added wireless display and ability to record images and video, the 3880X is an ideal tool for any automotive, aviation or industrial technician.



Product Features:

- Micro camera transmits images and video to the removable wireless camera to allow viewing of hard to reach areas.
- Large 3.5" inch high resolution color screen for optimal viewing.
- Detachable 36" camera snake with position hold shaft.
- Images and video are recorded on the included SD card and can be viewed on the camera display or transferred to a computer.
- Easy to change camera allows for use with various camera sizes and lengths.
- Magnetic display mount allows for hands-free viewing.
- Camera head includes four built-in adjustable LEDs for optimal viewing from light to dark areas.
- IP67 Rated camera for complete protection from dust and standard automotive chemicals.
- Unit is powered by removable power pack with four rechargeable AA batteries (batteries and charger included).

Applications:

- Micro 5.5 mm camera allows for inspection through spark-plug holes.
- Inspecting cylinders, valves, diesel injectors and glow plug ports.
- Viewing behind body panels and under the dashboard for electrical wiring and connections.
- Examine for corrosion and wear in hard to see areas.
- Inspect fluid lines for leaks.

3880X includes: Video Scope, Magnetic mount for wireless display, Micro SD card, XvidCodec installation CD, USB cable, Video out cable, Rechargeable AA batteries (4) with charger, AC power adapter, one year warranty and Protective carry case.



9450

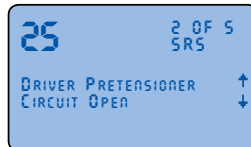
Bilingual OBD II Scan Tool, ABS & Airbag (SRS) Code Reader

Take the guesswork out of engine, ABS, & Airbag (SRS) repairs.

The OTC 9450 quickly and accurately diagnoses the cause of the check engine, ABS and SRS airbag malfunction indicator lights. Get the OTC 9450 to help you fix it right the first time.

Product Features:

- Read, display and erase generic codes and definitions for 1996 and newer vehicles (OBD II & CAN)
- Read, display and erase manufacturer specific codes and definitions for 1996 and newer vehicles (OBD II & CAN)
- Read & display LIVE engine data
- Read, display and erase ABS codes and definitions for most domestic vehicles 1996 - 2008
- Read, display and erase Airbag (SRS) codes and definitions for most domestic vehicles 1996 - 2008
- Code library feature on tool
- Retains most recent vehicle scan
- Optional battery power for saving data (battery power not required to use tool)
- Easy-to-read backlit display
- Detachable cable
- Internet updatable



Airbag (SRS) Code Screen



ABS Code Screen in Spanish

Systems Diagnosed:

- OBD II powertrain vehicles 1996 – current
- Domestic ABS vehicles 1996 – 2008
- Domestic airbag vehicles 1996 – 2008
- CAN enabled
- Read and display freeze frame data (OBD II)
- Displays emissions data

9450 includes everything you need to get started:

- OBD II/ABS/Airbag base unit
- Vehicle OBD II cable
- Bilingual user manual - English and Spanish
- Soft carry case



3358

OTC Ready Scan™ Readiness Monitor Tool

A drive cycle is required after any emissions related repair. The 3358 OTC Ready Scan eliminates drive cycle guesswork by notifying any driver, or your customer, with color coded LEDs and built in speaker that the drive cycle has been completed and the vehicle is Ready.

Once the vehicle's OBD II system is Ready, repair work is confirmed. If a state emission inspection is required, a retest can then be performed. The compact tool works on 1996 and newer OBD II and CAN compliant vehicles.

Product Features:

- Easy to install and no set up required—Connects easily into the vehicle's OBD II connector and is able to display status in 15 seconds.
- Bright color coded LED's provide Readiness Status. Green LED- Vehicle is Ready.
- Built in speaker provides audible tone every 5 minutes when vehicle becomes Ready.
- Ready Scan is powered from the vehicle—no batteries required.

3840F

Automotive 2-Channel Lab Scope

The exclusive vehicle-specific database in the 3840F contains information for most domestic vehicles as well as many imports. The Scope also recommends the appropriate test procedures for fast, accurate repairs. Visible on the screen are diagrams showing pin numbers and wire colors for both the PCM and the component connector.



CE-certified

Product Features:

- Powerful built-in reference information for each preset test include a test procedure, normal reference signal pattern, theory of operation, and trouble shooting tips.
- Help menu lets you find answers fast.
- A 25 Mega-sample per second (one channel minimum) sample rate for rapid data updates.
- True RMS GMM (Graphing Multimeter) measurements and graphs.
- "Glitch Snare" feature captures, displays, and saves abnormal signal patterns in the Scope mode for component testing.
- Real-time comparison between actual waveforms and reference waveforms on the same screen for component testing.
- Preset tests enable the user to check the majority of automotive sensors, actuators, and systems easily and quickly.
- The secondary ignition single function displays the waveform along with the spark voltage, RPM, burn time, and burn voltage.
- USB supports fast update for code and data over the internet.



3840F includes: Automotive 2-Channel Scope, Shielded Test Leads with Ground (2 pcs), Inductive Pickup, Secondary Ignition Pickup, Alligator Clips (3 pcs), Back Probe Pins (3 pcs), Test Probes (3 pcs), AC Power Adapter, Ni-MH Rechargeable Battery Pack (Installed), USB Interface kit, User Manual & Soft Carrying Case.

Replacement Accessories

- 3840-01** – Red and yellow test leads.
- 3840-06** – Ignition probe.
- 3843-07** – Inductive pickup.
- 3843-11** – User manual.

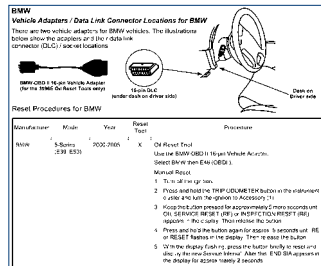
3596H

Oil Light Reset Tool Kit

- Oil changes are the #1 service your shop will perform each year. Enhance your service with this complete electronic tool and manual kit, No. 3596H.
- This 3596H kit eliminates the need to take the vehicle to the dealer or use an OEM scan tool to reset oil service lights.
- Electronic tool set includes the adapters and interface module required to reset the oil service lights on Volkswagen, Audi, Mercedes Benz, BMW, and Volvo.
- The included manual details Oil Light Reset tool procedures as well as the manual reset procedures for domestic and import vehicles.
- Added European coverage.
- Added functionality to reset additional service lights (maintenance cycle, service interval).
- The new Oil Light Reset tool now gives you the ability to update the tool vehicle coverage by connecting to a PC with future update kits.



Sample of manual contents



3596H includes:

- 3596H-1** – Main unit cable.
- 3596H-2** – BMW Connector.
- 3596H-3** – Mercedes-Benz Connector.
- 3596H-4** – OBD II Connector.
- 3596H-5** – Volvo cable.
- 3596H-6** – Transfer plug.
- 3596H-7** – VW and Audi cable.
- 3596H-8** – Power cable.
- 3596H-9** – Reset Procedure Manual.



3363

Inductive Timing Light

Professional inductive timing light designed for standard base timing.

Unique features

- On/off touch control Standard features
- All metal inductive pickup.
- Reflected, super bright xenon flash.
- Removable leads with positive twist-lock connector.
- One touch control.
- Durable, plated ABS housing with over-molded grips.
- Heat resistant over-molding on clips.
- Blow-molded case included.



3365

Advance Timing Light

Professional advance timing light allows accurate adjustment of base and advance timing reading.

Unique features

- Adjustable knob measures centrifugal, vacuum, and computer advance.
- On/off touch control.

Standard features

- All metal inductive pickup.
- Reflected, super bright xenon flash.
- Removable leads with positive twist lock connector.
- One touch control.
- Durable, plated ABS housing with over-molded grips.
- Heat resistant over-molding on clips.
- Blow-molded case included.



3363

3367

Digital Timing Light

Professional digital timing light has advanced features with a bright LED screen and mode indicator lights.

Unique features

- Microprocessor-controlled circuitry.
- LED tachometer display reads 0-9999 rpm.
- LED advance display indicates to 1/10.
- Unique flashlight feature.
- 2/4 cycle and rpm/advance lights.
- Up and down scroll buttons.

Standard features

- All metal inductive pickup.
- Reflected, super bright xenon flash.
- Removable leads with positive twist lock connector.
- One touch control.
- Durable, plated ABS housing with over-molded grips.
- Heat resistant over-molding on clips.
- Blow-molded case included.






















3365














3367

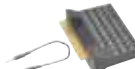




Timing Light Comparison - Functions/Features	3363	3365	3367
Conventional, electronic, computer controlled ignition systems	•	•	•
DIS and 2-cycle systems	•		•
On/off touch control	•	•	•
Adjustable advance		•	•
Digital LED readout tach and advance			•
2- to 4-cycle & rpm/advance mode lights			•
2- to 4-cycle selector button			•
Flashlight feature button			•
RPM to advance selector button			•
Up or down scroll buttons			•





GENERAL APPLICATIONS			
	Number	Description	
	212638	Battery adapter for Monitor or Genisys. Used for under-hood access to 12-volt power supply	
	212641	12-volt power supply. Use when battery power is unavailable and you need to review data from the Monitor	
	3305-71	DB-25 extension cable to connect 25-pin Monitor and Genisys adapter cables	
	3305-72	DB-25 to 8-pin DIN extension cable.	
	3421-04	AC/DC power adapter for Genisys	
	3421-08	6' PC to scan tool cable, DB-9 to RJ-45	
	3421-44	20' PC to scan tool cable, DB-9 to RJ-45	
	3421-65	USB to serial adapter	
	3421-67	Compact flash reader to USB adapter for Genisys and Nemisys	
	3421-111	Scan Tool Connector Saver	
	239180	9.6V Genisys battery	
	Number	Description	Application
	3421-88	OBD II Smart Cable 2006 software (Genisys only)	Replaces 3305-73 cable and Requires all system smart inserts
	3305-73	System Smart Insert OBD II 25-pin cable	Use with Monitor Elite, Monitor Enhanced or Genisys. Use with 25-pin SSI.
DOMESTIC APPLICATION			
GM	Number	Description	Model Year
	212633	GM 14" vehicle adapter cable	GM most system '82-'95
	212653	Turned port Inj. adapter cable (gray)	GM 5.0L TPI '86 GM 5.7L TPI '86-'89 GM 2.8L V6 P4 '86-'89
	213486	UNIV B 12" adapter cable	GM ABS Teves II and Kelsey Hayes '86-'89
	3305-17	Geo/Isuzu adapter cable	GM Geo & Spectrum '87-'95 GM Isuzu and Luv '81
	238464	GM ABS cable	GM ABS Kelsey Hayes '90-'95
	212550	GM 5 pin adapter block	GM '81-'82

Ford	Number	Description	Model	Year
	3305-27	Ford ABS cable	Ford ABS Mystique Econoline Van	'95 '94-'96
	3305-58	Ford II 14" adapter cable (gray)	Ford EEC IV MCU, ABS, suspension. Use with Pathfinder II or newer software.	'81-'95
	3305-84	Ford III, 25-pin, 18" cable (red) with 4' power lead	Ford EEC IV DCL ABS, suspension. Use with Pathfinder III or newer software	'83-'95
	213596	MECS 6' adapter cable	Ford/Mazda mfd. vehicles	'88-'95
	3305-14	MET adapter	Ford/Mazda mfd. vehicles.	'91-'95
	3305-19	MECS ABS adapter cable	Ford/Mazda ABS	'89-'93
Chrysler	Number	Description	Model	Year
	212635	Standard 12" adapter cable	Chrysler	'84-'95
	3305-65	Chrysler III 25-pin, 18" cable	LH Chrysler CCD with 4000 Enhanced, Monitor Elite, Nemisys, Genisys	'93-'95 '88-'95
	3305-92	Chrysler OBD II "Y" adapter	Use on Talon, Avenger, & Sebring	'95, 2002
ASIAN APPLICATION				
	Number	Description	Model	Year
	212633	GM 14" adapter cable	Isuzu Pickup (3.1L) Rodeo Trooper II	'91-'95 '91-'95 '89-'95
	213486	UNIV B cable 12" adapter cable	Geo/Metro Suzuki/Swift	'91-'95 '89-'95
	3305-68	Honda/Acura Jumper	Honda Acura	'89-'95 '91-'95
	213596	MECS 6' adapter cable	Mazda	'83-'95
	3305-14	MET adapter cable	Mazda 323/Protege 929 Miata MX-3	'90-'95 '92-'95 '90-'95 '92-'95
	216044	Nissan 12" adapter cable	Nissan	'87-'95
	3305-15	Subaru adapter cable	Subaru SPFI MPFI (Except Justy) EFC (Justy)	'87-'93 '88-'93 '88-'90

ASIAN APPLICATION				
	Number	Description	Model	Year
	3305-17	Geo/Isuzu adapter cable	Isuzu I-Mark (Fuel Inj.) '88-'89 I-Mark (Carb.) '87-'89 I-Mark '85-'86 Impulse '84-'92 Pickup, Amigo '88-'93 (2.3 & 2.6L) Rodeo '91-'93 Trooper II '89-'91	
	3305-17	Geo/Isuzu adapter cable	GM Import Spectrum Storm Geo/Metro	'87-'89 '90-'93 '90-'93
	3305-19	MECS ABS Cable Mazda ABS	626/MX-6 MX-3	'92-'93 '92-'93
	3305-48	Mitsubishi/DS adapter cable	Mitsubishi Diamante Precis 3000GT Truck Eclipse Starion Mirage, Montero Van Sigma Galant	'92-'93 '90-'93 '91-'93 '89-'93 '90-'93 '87-'89 '89-'93 '87-'90 '89-'91 '87-'93
	3305-48	Mitsubishi/DS adapter cable	Chrysler Import Stealth, D50 Truck Laser Vista Talon Colt Summit Raider Conquest TSI	'91-'93 '91-'93 '89-'93 '90-'93 '88-'93 '89-'93 '89 '87-'89
	3305-48	Mitsubishi/DS adapter cable	Hyundai Sonata Scoupe	'89-'93 '91-'92
	3305-124	Accord adapter	Accord	'92-'95
	3305-141	Nissan OBD I and II cable	Nissan	'89-'99
	3421-64	Genisys Toyota DCL 1 adapter	Lexus Toyota	'94-'00 '92-'01
	3421-68	Genisys Toyota DCL 2 adapter	Lexus Toyota	'90-'00 '89-'01
	3421-93	Kia adapter	Genisys Platform Nemisys Platform	'02-'06 '03-'06

EUROPEAN APPLICATION				
	Number	Description	Model	Year
	3306-47	38 Pin SSI	Mercedes	'86-'05
	3421-41	38 Pin adapter	Mercedes	'86-'05
	3421-42	1 Pin adapter cable	Mercedes	'86-'95
	3421-43	VW 4 pin adapter cable	Volkswagen	'86-'94
	3421-76	BMW adapter cable	BMW	'87-'05

HEAVY-DUTY CABLES

	Number	Description
	3421-80	6 pin Deutsch cable
	3421-81	9 pin Deutsch cable

NEMISYS CABLES

	Number	Description
	3774-01	DB25 to OBD II cable
	3774-02	DB25 to GM OBD I cable
	3774-03	DB25 to Ford OBD I cable
	3774-04	DB25 to Chrysler OBD I cable
	3774-05	Cigarette plug power cord
	3774-17	Nemisys Toyota DCL 1 Adapter.
	3774-18	Nemisys Toyota DCL 2 Adapter.
	3774-20	USB A-B Cable
	3774-34	Nemisys OBD II Smart Cable Expands the system coverage to include GM Single Wire CAN systems and more!

AUTOBOSS®



System Coverage:

Drive
Transmission
ESM – Electronic Selector Module
DTR – Distronic
Motor Electronics

Chassis
SBC – Sensortronic Brake Control
ESP – Electronic Stability Program
AIRmatic – AIRmatic ABC
TPC – Tire Pressure Monitor

Body
Seats and Doors
Actual Values
Actuations
Initial Startup
Control Unit Adaptations
Correction Programming

Air Conditioning
AAC – Automatic Air Conditioning
REAR AC – Rear Air Conditioning
STH – Stationary Heater
HSW – Heated Steering Wheel

Information & Communication
ICM – Instrument Cluster
SCM – Steering Column Module
PTS – Parktronic System
Audio, Video, Navigation and Telematics



User-Friendly Menu



Extensive European Vehicle Coverage



Extensive Asian Vehicle Coverage

AutoBoss® V30 European / Asian Coverage Unequaled Diagnostic Power

Introducing the Autoboss V30, a truly global diagnostic tool providing flexibility and portability in a Windows CE platform.

- OE level coverage for European, Asian, and Chinese cars
- Covers more than 50 vehicle makes
- Access to powertrain, chassis, and body systems
- Quick Test function to test most vehicle systems
- Fault codes (DTC's), Data Stream and Service Reset
- Actuations, Adaptations, and Control Module Coding
- Supports Multi-language
- Frequent Internet based software updates
- CAN Bus with high/low speed
- One OBD II connector for all CAN Bus systems
- High resolution VGA color TFT display
- Windows CE Operating System
- Demo Mode for many OEM's
- Data graphing
- Self-check function



3100PRO

V30 Professional Diagnostic System with Printer

Software

- Global European, Global Asian, Chinese
- 12 Month Subscription Included

Vehicle Cable Set

- OBD II Adapters
- European OEM OBD I Adapters
- Asian OEM OBD I Adapters
- USA GM OEM OBD I Adapter
- Chinese OEM Adapters

Included Accessories

- Carrying Case
- 100 – 240 Volt Power Supply
- SD Card Reader
- Printer & Protective Cover



3100PRO-TI

V30 Diagnostic System Trade-in

Software

- Global European, Global Asian, Chinese
- 12 Month Subscription Included (additional 12 Months with trade-in)

Vehicle Cable Set

- OBD II Adapters
- European OEM OBD I Adapters
- Asian OEM OBD I Adapters
- USA GM OEM OBD I Adapter
- Chinese OEM Adapters

Included Accessories

- Carrying Case
- 100 – 240 Volt Power Supply
- SD Card Reader
- Printer & Protective Cover



Receive a coupon with the purchase of the 3100PRO-TI kit, send the coupon, proof of purchase and any OTC or competitor diagnostic scan tool to the address on the coupon and get your 1-year AutoBoss Subscription extension and AutoData DVD FREE! (Code readers do not qualify)

FREE extended 1-year subscription to AutoBoss and 3615-01 Diagnostic DVD, by AutoData.



3100DLX

V30 Deluxe Diagnostic System

Software

- Global European, Global Asian, Chinese
- 12 Month Subscription Included

Vehicle Cable Set

- OBD II Adapters
- European OEM OBD I Adapters
- Asian OEM OBD I Adapters
- USA GM OEM OBD I Adapter
- Chinese OEM Adapters

Included Accessories

- Carrying Case
- 100 – 240 Volt Power Supply
- SD Card Reader
- Rubber Boot



3100-33

V30 12 Month Subscription Update

- Vehicle coverage 12 month software subscription.



3100DLX, 3100PRO and 3100PRO-TI Kits Include:

V30 Main unit 	3100-01 Mini Printer Kit with cover (In 3100PRO & 3100PRO-TI) 	1GB SD Card 3100-02 	Touch Pen Stylus 3100-03 	Chrysler-16 CCD 3100-04 	
CHERY/FIAT-3 3100-05 	GM-12 3100-06 	KIA-20 3100-07 	MAZDA-17 3100-08 	TOYOTA-17 3100-09 	TOYOTA-22 3100-10 
MIT-12+16 3100-11 	HONDA-3 3100-12 	BENZ-4 3100-13 	AUDI-4 3100-14 	NISSAN-14 3100-15 	CITROEN-16C 3100-16 
OBD II 3100-17 	BENZ-38 3100-18 	BMW-20 3100-19 	BENZ-14 3100-20 	Main Cable 3100-21 	Jumper 3100-22 
Battery Cable 3100-23 	Cigarette Cable 3100-24 	COM Cable 3100-25 	Fuse 5A 30*6 3100-26 	Fuse 5A 20*5 3100-27 	DC Adaptor 3100-28 
SD Card Reader 3100-29 	User Manual 3100-30 	Rubber Boot for (3100DLX) 3100-31 	Carrying Case 3100-32 		

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.



3110

Pro-Link® iQ

- Easy-to-use common user interface across all OEM applications
- Free trial period for all OEM software
- Software easily updated via the Internet
- Large capacity hard drive for future updates
- Light-weight and durable for the shop area
- 8.4" color screen for use in any light
- Touch screen for easy activation of on-screen tabs
- PC and printer connectivity via USB ports
- Can print to most USB printers
- Power from either the vehicle or internal battery for continuous use
- 2 USB ports
- 1 compact flash port
- Protective carrying case

Available iQ Applications

- Generic
- HDS | Medium- and heavy-duty trucks
- OBD II | Light- and medium-duty trucks

OEM

- Caterpillar | ACERT
- Detroit Diesel | DDEC III, IV, V
- International | Engine
- Allison | 1K and 2K, WTEC, CEC1
- WABCO | Air and hydraulic

3110 Pro-Link kit includes:

PRO-LINK iQ scan tool, iQ Heavy-Duty Standard application, Power and data cable, 6-pin Deutsch adapter, 9-pin Deutsch adapter, 2-cell battery pack, CD manual/driver, Stylus pen and Carrying case.

Optional Software, Cables & Accessories

3110-01	Pro-Link IQ software, ALLISON Suite
3110-02	Pro-Link IQ software, ALLISON GEN 4 Update
3110-04	Pro-Link IQ software, WABCO Suite
3110-05	Pro-Link IQ software, DDEC Suite (DDEC III, IV, V)
3110-07	Pro-Link IQ software, OBD II (AUTO)
3110-08	Pro-Link IQ software, Detroit Diesel Mercedes Benz
3110-09	Pro-Link IQ software, Heavy Duty J1939
3110-10	Pro-Link IQ Adapter, J1962 HD
3110-11	Pro-Link IQ Adapter, OBD II/J1962
3110-12	Pro-Link IQ Adapter, 6-pin
3110-13	Pro-Link IQ Adapter, 9-pin
3110-14	AC Adapter for Pro-Link IQ
3110-15	Pro-Link IQ software, CAT electronic engines
3110-16	Pro-Link IQ software, BENDIX ABS
3110-17	iQ LCD touchscreen protector
3110-18	Pro-Link IQ case with logo
3110-19	Pro-Link IQ DDEC VI kit with software
3110-20	Maxx Force
3110-21	Light and medium truck

Pocket iQ™

The versatile Pocket iQ reports both engine and transmission functions—and it covers brakes, too.

Gather data quickly and easily. Smart and handy, compact and lightweight, the Pocket iQ puts data at your fingertips.



3110-22

Pocket iQ key functions and features

- Monitors all vehicle data
- Checks engine speed/load, pressures, temperatures, other data
- Reads and clears active and inactive fault codes
- Displays trip data
- Collects and stores vehicle data from multiple vehicles
- Stores vehicle data in PDF or text format
- Provides J1587 and J1939 data

Specifications

System

Main CPU	Freescale i.MX35 – ARM11 core running at 532 MHZ with a 266 MHZ bus	
Vehicle Com CPU	Freescale MCF52256, 48 MHZ	
Memory	SDRAM	128 MB
	Flash	128 MB
	Solid-state drive	4 GB
OS	Windows embedded CE 6.0	

Display

240 x 320 QVGA, color transfective TFT with touch-screen and backlight

Input Device

Keypad, touch-screen and full alphanumeric software keyboard

Vehicle Communication

Two CAN channels support for J1939, J2284, ISO 15765
ISO 9141/KW2000
J1708
J1850 (VPW, PWM)
GM 160 baud
GM 8192, 9600 UART (ALDL)

Power Source

Internal battery 2200mAh @ 3.7V Li-polymer
Charging AC/DC adaptor, or vehicle power
Internal battery operating time typically five hours

External I/O

USB host and device



GM Diagnostics & Programming

GM Tech 2

Tech 2 is loaded with features:

- The large, easy-to-read, back-lit screen is the first feature you'll notice.
- Graphic screen displays both test and graphics, and is capable of showing nine sensors at once.
- Snapshot graphing shows you any failures or glitches at a glance.
- The Tech 2 scanner is reprogrammable to keep pace with vehicle and tool evolution.
- RS232 communications port provides the avenue to connect future devices to your Tech 2, such as SPS reprogramming.

GM Software

- Authentic GM software in the Tech 2 means you have the same information as GM dealers.
- Supports on-board diagnostics for GM systems.
- The authentic GM software will provide full bidirectional control when performing powertrain, chassis, and body diagnostics.
- Store DTC, freeze frame, and failure record for later review.
- Watch the status of vehicle diagnostic tests as they run.



Large back-lit graphics display

PC Solenoid Data	
Snapshot Replay	1:23.006 Frame: -12
PC Sol. Actual Current	4.68 amps
PC Sol. Ref. Current	0.39 amps
PC Pressure	.70 kPa
PC Solenoid	Enabled
Trans. Fluid Temp.	.4 °C
ECT	71 °C
PC Solenoid Duty Cycle	38%
Throttle Angle	5%
PC Sol. Actual Current	
Select Items	Plot More

Tech 2 SPECIFICATIONS:

Dimensions: 12" x 6" x 2".
 Microprocessor: 32 bit, 16 MHz.
 Memory: 32 MB flash type II PCMCIA.
 Type III slot available for future expansion.
 Communications: Integral RS232 communications port.
 Screen: 3.8" x 2.8" back-lit monochrome with full graphics capability; 320 x 240 pixels. Displays up to nine vehicle parameters at once.



3649

Tech 2 Deluxe Kit

Includes the GM Tech 2, vehicle power cables, CANdi module, vehicle adapters, and 32 MB GM PC diagnostic card, PC interface kit. Packed in a heavy-duty storage case.



3845

GM MDI

Includes the GM MDI, Ethernet and USB cables, cable keeper, power adapter, data link cable, MDI users guide (CD), and four AAA batteries.



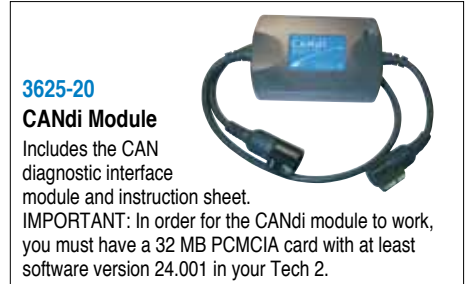
3846

GM MDI Bundle (with TiS SPS subscription)

Includes the GM MDI, TiS SPS one-year subscription, Ethernet and USB cables, cable keeper, power adapter, data link cable, MDI users guide (CD), and four AAA batteries.

GM Multiple Diagnostic Interface (MDI) Programming Solution Bundle

- The GM MDI Unit is a compact communication module that manages the transfer of data between a vehicle's onboard ECU network and a PC.
- The GM MDI Programming Solution Bundle includes a one year subscription to the GM Technical Information System (TiS) SPS – a \$995 value!
- With your included TiS SPS subscription you can always access the most current General Motors vehicle control module calibrations.
- The GM MDI Unit has an easy to grip, comfortable, rugged enclosure.
- The GM MDI Programming Solution Bundle allows the user to perform Pass-Thru programming procedures using software running on a laptop or desktop PC.
- Using the GM MDI Unit for programming frees up your Tech 2 for diagnostics.
- User can perform Data transfer and Electronic Control Unit (ECU) reprogramming.
- The GM MDI Unit has shop network communications (LAN and WLAN) capabilities.
- Future expandability, including diagnostic applications.
- GM MDI is also available without TiS SPS subscription.



3625-20

CANdi Module

Includes the CAN diagnostic interface module and instruction sheet.
IMPORTANT: In order for the CANdi module to work, you must have a 32 MB PCMCIA card with at least software version 24.001 in your Tech 2.



GM Software Subscriptions

To enable Independent Service Centers to be competitive in the automotive aftermarket, ACDelco offers GM Technical Information System (TiS) subscriptions via the Web.

To activate or renew your GM software subscription for your Tech II or Multiple Diagnostic Interface (MDI) unit, please visit www.acdelcotechconnect.com.

GM Tech 2 Software Subscription

Your new GM Tech 2 comes pre-loaded with current GM and Saab diagnostic software. Tech 2 users can purchase annual TiS subscriptions to be certain their tool is kept current.

GM MDI Software Subscription (included in bundle)

The GM MDI unit requires the GM Technical Information System (TiS) SPS subscription to perform vehicle programming.



Your Full Coverage TPMS Solution

- Diagnostics • Reset
- Re learn • Register

The OTC Tire Pressure Monitoring Reset Tool is a fast and simple to use stand alone TPR activation tool

- Works on all known TPMS sensors through 2012.
- Bright graphic display and simple navigation buttons enable vehicle selection for fast activation.
- Automatically adjusts activation output power to eliminate cross activation of near sensors.
- Easily Updated with a PC connection. Users can visit www.tpmsupdates.com to update the TPR tools.



3834

Tire Pressure Monitoring System Reset Tool

Includes: TPR handheld, DB25 wireless adapter, carry case, registration card, user manual for TPR and Genisys® interface.



3835

Tire Pressure Monitoring System Reset Tool Master Kit

Includes: TPR handheld, DB25 wireless adapter, carry case, registration card, user manual for TPR, and Genisys® interface, activation magnet, valve stem torque wrench, valve nut torque wrench, digital tire pressure gauge, TPMS Poster, TPMS flip charts, 11mm socket, 12mm socket, and torque tool.

3834UPD

TPR One Year update subscription

The 3834UPD Subscription Update kit provides the user access to all Tire Pressure Reset (TPR) tool updates for one year from registration date. TPR updates include both added vehicle coverage and tool functionality improvements. Users should visit www.tpmsupdates.com and enter the provided one year subscription code to get access to the tool updates. NOTE: Users must register an account on the site to gain access to the updates.

The kit includes a certificate with an authorization code. The access code is entered when prompted on the www.tpmsupdates.com website.

The kit will provide a full 12 months of vehicle coverage and tool functionality updates. The updates will allow the user to diagnose TPMS issues more accurately on vehicles that were not previously covered.



3836

Tire Pressure Monitoring System Accessory Kit

Includes: Activation magnet, valve stem torque wrench, valve nut torque wrench, digital tire pressure gauge, TPMS Poster, TPMS flip charts, 11mm socket, 12mm socket, and torque tool.

Note: Your Genisys requires System 4.0 or later for TPR communication.



EZ-sensor Programming with OTC TPR Tools



“EZ-sensor™ PROGRAMMABLE TPMS is the first Programmable Tire Pressure Monitoring Sensor which has been designed with the goal of replacing 90% of the TPMS sensors currently stocked by the dealer.”

– Schrader® the worldwide leader

- Fast simple programming using OTC TPR Tool
- Eliminates the need to perform relearn procedures when replacing sensors
- No scan tool required for programming
- Replaces over 90% of current TPMS sensors!
- Save money & fit the right part
- Fast simple assembly to the wheel rim



Schrader® is trademark of Schrader International Corporation.

3834EZ

Tire Pressure Monitoring System Reset Tool with EZ-sensor™ Programming

Includes: TPR handheld, DB25 wireless adapter, EZ-sensor proximity boot, EZ-sensor software, USB cable, carry case, registration card, user manual for TPR and Genisys® interface.



3834EZ-01

EZ-sensor™ Update Kit

Includes: EZ-sensor Proximity boot, EZ-sensor Software, USB cable, and user manual.

Note: For existing TPR owners.



3834-01

TPR Charging Station

Now also available for both the OTC 3834 and OTC 3834EZ tool is the new OTC 3834-01 Charging Station. This kit includes a “drop-in” charging cradle, easy to install slimline Lithium Ion rechargeable battery which dramatically increases the amount of sensor activations over standard alkaline batteries, and AC power cable. Increase productivity by eliminating down time and reduce the cost of replacing AA batteries with the OTC 3834-01 TPR Charging Station!



The OTC TPMS kit is the Total Solution!

- Easy-to-follow tool menu and graphics clearly show test options, procedures and on-screen directions.
- Auto Scan feature provides a "one button" activation mode which automatically scans for TPMS sensor communication.
- Diagnostics uses a make-year-model input which automatically selects the proper sensor communication.
- Auto Scan and Diagnostics are useful for pre-testing sensors for proper functionality prior to service.
- Reset Procedure graphically guides the user through the complete procedure, including references to the reset guide.
- Electronic manuals include critical and comprehensive vehicle set up and reset procedure, along with system descriptions and specifications through 2012 model year.



now covers
2012
model years



3833B12

2012 Tire Pressure Monitor Base Kit

Includes a TPM tool with latest software subscription including 2012 MY coverage, activation magnet, quick start guide, CD containing all previous and current reset procedure manuals, update cable, CD training video, backup software CD, and a blow molded case.



3833M12

2012 Tire Pressure Monitor Master Kit

Includes a TPM tool with latest software subscription including 2012 MY coverage, activation magnet, quick start guide, CD containing all previous and current reset procedure manuals, update cable, CD training video, 6 nM Hi rechargeable batteries and recharging station, backup software CD, digital tire pressure gauge, 4-way valve tool, valve core torque driver, laminated application flip chart, service procedure flowchart poster, consumer poster, and a blow molded case.

Also includes TPM Electronic Torque Wrench.

- 12–120 in.-lb. ± 2% accuracy.
- Torque set quickly with unique slide bar on the scale.
- Indexing head allows for use straight (screwdriver position) to spin nut down quickly.
- Torque limit LED flashes with audible beep.
- 1/4" Drive 11mm and 12mm Deep Chrome Socket.

3833-70

Tire Pressure Monitor 2012 Software Update Kit

Includes 2012 software subscription CD, and 2012 reset manual on CD. Now includes the high-demand USB update cable that was previously sold separately.



3831

Tire Pressure Reset Tool for Nissan

This tool is designed to extinguish the Tire Pressure Warning Light on 2003 and newer Nissan vehicles with TPM Reset Connector. The connector end of the cable mates to the vehicle connector found behind the DLC connector under the dash. The alligator clip is clipped onto the metal bracket that holds the DLC connector. Once connected and the ignition is turned on, the tool trigger is pressed 5 times within 10 seconds causing the warning light to start flashing. With the tool disconnected, the vehicle can be started and driven over 30 mph until the light stops flashing, which completes the procedure. Graphic step-by-step instruction sheet and application chart included in the kit.



3833-13

Internal battery stick and charging cradle for OTC TPM

The internal battery stick and charging cradle for the OTC TPM allows the unit to be placed in the cradle when not in use, allowing for the unit to always be charged. This also eliminates the need to replace batteries.



3833-4



3833-7



3833-14



3833-15



3833-16



3833-17



3833-25

TPMS Accessories:

Part No. Description

3833-3

Comp. Manual on CD

3833-4

Magnet

3833-5

Quick Ref Manual Set

3833-7

Software Update Cable

3833-8

Serial to USB Adapter

3833-9

"T" Update Kit

3833-14

Recharge "C" Batt & Charger

Part No. Description

3833-15

Digital Tire Gauge

3833-16

Valve Nut Tool

3833-17

Valve Core Driver

3833-18

Quick Spec Flip Chart

3833-24

T-10 Torque Driver

3833-25

Electronic Torque Wrench

Unleash the full scan power of your Genisys® for servicing TPMS systems with the OTC's Tire Pressure Reset (TPR) activation tool.



See page 13



Built-in Probe Protector



3907 Probe Multimeter

This probe style meter is a full function multimeter in a convenient pocket pen type package. The probe contains a retractable probe cover and lead clip on back of meter for carrying in pocket or storage.

Product Features:

- Display: Max. 2000 Counts
- Function: Ohm/DCV/ACV/Diode/Continuity
- Input Impedance: 10MΩ
- Auto Range
- Auto Power Off
- Pocket pen type
- Back light and testing light
- Rotating pen tip protector
- Test lead installing socket
- Operating Switch: Combined switch with function and power switch



The meter is in compliance with the following standards:

- IEC1010 double insulation
- Pollution degree 2
- Over voltage category III (600 volts)
- Power One 9-volt alkaline battery
- (NEDA 1604 or equivalent)

3908 AMP Clamp/Multimeter

OTC AMP Clamp/Multimeter was designed to allow accurate current measurements using clamp jaws. The clamp meter is well suited for testing starting/charging circuits, and provides easy access to current, voltage and other key automotive measurements, all in one easy to use tool.

Product Features:

- Duty Cycle
- Resistance
- Capacitance
- Diode
- Continuity
- Frequency
- Temperature
- Range auto/manual
- Display maximum reading of 4000 counts
- Automatic negative polarity indication
- Automatic zero adjustment
- Over range indication
- Low battery symbol
- Data hold symbol
- Relative measurement symbol
- Clamp opening size 32mm
- Auto power off



3910 55 Series Digital Multimeter

The 55 Series DIGITAL MULTIMETER meter provides a full feature set at an economical price. The 55 SERIES contains all the base functions required for today's automotive testing.

Product Features:

- Display: Max. 2000 Counts
- Auto / Manual Range
- Diode Check
- Continuity Buzzer
- Data Hold, Max Hold
- Auto Power Off



3940 550 Series Digital Multimeter

The 550 Series DIGITAL MULTIMETER features powerful automotive test functions such as; Frequency, Duty Cycle, Diode & Continuity Tests, plus all the standard meter features you expect in a professional grade Multimeter.

Product Features:

- Diode Test
- Continuity Test
- Auto Range
- Data Hold
- Relative Change
- Auto Power Off



3980 750 Series Automotive Multimeter

The 750 Series AUTOMOTIVE MULTIMETER includes all the great features of the 550 Series METER, PLUS Automotive specific tests; True RMS, RPM, Dwell, Pulse Width, Temperature, Backlight, RS232, and Min/Max. It is CATIII so it is compatible Hybrid vehicle systems.

Product Features:

- Diode Test
- Continuity Test
- Auto Range
- Data Hold
- Relative Change
- Backlight
- Auto Power Off
- CATIII 1000V
- Min/Max
- RS232 & Cable
- Red & Black Test Leads
- Alligator Clips
- RPM Pickup Adapter
- Temp Probe Adapter
- Black Canvas Case
- PC Cable & Software

3990 1000V CAT III Hybrid Multimeter

OTC 1000V CAT III Hybrid Multimeter with Insulation Test. A full function Multimeter with an insulation test feature is used to test for voltage leaks through insulation found on Hybrid and Electric Vehicles.



Product Features:

- HyBrid Insulation Resistance Test
- True RMS
- Auto Ranging
- Diode Test
- Continuity Buzzer
- Data Hold
- Data Logging
- Display Backlight
- Min/Max Mode
- Sleep Mode
- Low Battery Display

3990 Includes: Heavy Duty Class III test leads with alligator clips, Short Lead, K Type temperature adapter and Manual.



Hybrid Multimeter Accessories

These Hybrid Electric Safety Gloves are the most important articles of personal protective equipment when working on high voltage vehicles. They are the first line of defense for contact with any energized components.

3991-10

Small Glove with Leather outer protector set.

3991-11

Medium Glove with Leather outer protector set.

3991-12

Large Glove with Leather outer protector set.



WARNING: Safety Gloves must be inspected prior to each use in accordance with ASTM Standard F1236 and the applicable Service manual for the vehicle being serviced. Rubber insulating gloves must be retested electrically at least once every six (6) months using the test procedures described in the most recent editions of ASTM Standard F496.

3991-2

Use this Orange Magnetic Warning Sign to deter people from entering an area where a high voltage system is being worked on.





Specifications:	3907	3910	3940	3908	3980	3505A	3990
Frequency:			1Hz ~ 10MHz ± 0.1%		1Hz ~ 10MHz ± 0.1%	1Hz ~ 10MHz	10Hz ~ 1MHz
RPM (Direct Test with Leads) or (with RPM Pickup)					0 - 10,000	0 - 10,000	
DWELL Angle					0 - 360° (1 - 12 CYL)	(1 - 12 CYL)	
Duty Cycle			0.1% ~ 99.9% ± 2.5%		0.1% ~ 99.9% ± 2.5%	0.1% ~ 99.9%	
Pulse Width-ms (negative)					1 ~ 999ms	1 ~ 999ms	
Temperature		-50°C to 200°C, -58°F to 392°F			-50°C to 400°C, -58°F to 752°F	-50°C to 400°C, -58°F to 752°F	-40°C to 537°C, -40°F to 998°F
DC Volts	200mV/2/20/200V ± 0.5%, 600V ± 0.8%	200mV/2/20/200V ± 0.5%, 600V ± 0.8%	400mV/4/40/400V ± 0.5%, 1000V ± 0.8%	400mV/4/40/400V ± 0.5%, 600V ± 0.8%	400mV/4/40/400V ± 0.5%, 1000V ± 0.8%	400mV - 600V	60mV/600mV/6V/60V/600V/1000V
AC Volts	2/20/200V ± 0.8%, 200mV/600V ± 1.2%	2/20/200V ± 0.8%, 200mV/600V ± 1.5%	4/40/400V ± 0.8%, 400mV/750V ± 1.2%	TRMS-4/40/400V ± 1%, 400mV/600V ± 1.5%	TRMS - 4/40/400V ± 1.5%, 400mV/750V ± 2%	4/40/400V 400mV/600V	TRMS - 6V/60V/600V/1000V
DC Amps (through Meter)		400/4000µA ± 2%, 40/ 400mA ± 1.5%, 4/10A ± 2%	400/4000µA ± 2%, 40/ 400mA ± 1.5%, 4/10A ± 2%		400/4000µA ± 2%, 40/ 400mA ± 1.5%, 4/10A ± 2%	40/4002µA ± 15%, 4/10A ± 2%	0.01mA to 600mA
AC Amps (through Meter)		200/2000µA ± 2.5%, 20/ 200mA ± 2%, 2/10A ± 2.5%	400/4000µA ± 2.5%, 40/ 400mA ± 2%, 4/10A ± 2.5%		TRMS - 400/4000µA ± 2%, 40/400A ± 2%, 4/10A ± 2.5%	40/4002µA ± 15%, 4/10A ± 2%	3mA to 600mA
DC Amps (Inductive)				400A ± (1.5% + 5), 1000A ± (2% + 10)			
AC Amps (Inductive)				400A ± (2% + 5), 1000A ± (2.5% + 10)			
Resistance	200Ω/2/20/200kΩ/ 2MΩ±1%, 20MΩ±2%	200Ω/2/20/200kΩ/2MΩ ± 1%, 20MΩ ± 2%	400Ω/4/40/400kΩ ± 1%, 4/40MΩ ± 2%	400Ω/4/40/400kΩ ± 1%, 4/40MΩ ± 2%	400Ω/4/40/400kΩ ± 1%, 4/40MΩ ± 2%	400Ω/4/40/400kΩ ± 1%, 4/40MΩ ± 2%	600Ω, 6kΩ, 60kΩ, 600kΩ, 6MΩ, 40MΩ
Capacitance			40nF ± 3.5%, 400nF/4µF/40µF ± 3%, 400µF/4000µF ± 20%	400nF/4µF ± (2.5%+5), 40µF/100µF ± (5%+10)	40nF/400nF/4µF/40µF ± 3%, 400µF/4000µF ± 20%	40nF/400nF/4µF/40µF ± 3%, 400µF/4000µF ± 20%	
Insulation Testing							50V, 100V, 250V, 500V, 1000V
Features:	3907	3910	3940	3908	3980	3505A	3990
Diode Test / Continuity Test	X	X	X	X	X	X	X
Auto Range	X	X	X	X	X	X	X
Auto Power Off	X	X	X	X	X	X	X
Data Hold		X	X	X	X	X	X
Backlight	X			X	X		X
True RMS				X	X		X
Relative Change			X		X	X	
Min/Max			X		X	X	X
Temp. Adapter		X			X	X	X
Hybrid Compatible/ Class III					X		X
Alligator Clips					X	X	X
Class III Test Leads					X		X
Case				X	X	X	X
RS232 Computer Interface					X		
PC Cable/Software					X		
RPM Pickup adp.					X	X	
Insulation Test (Hybrid)							X
Inductive Current Measurement				X			



3505A

100 Series Autoranging Automotive Multimeter

The 3505A is the latest version of the Classic 100 Series Autoranging Automotive Multimeter with many new and useful troubleshooting features. It still features all of the same basic Multimeter functions plus some new and powerful Automotive specific test functions.

Product Features:

- Auto/Manual Ranging
- Resistance, Continuity, Diode and Capacitance Tests
- RPM Measurement
- Temperature Measurement (°F/°C)
- Millisecond Pulse width and Peak Volts measurements for Fuel Injectors
- Duty Cycle and Frequency to 10M Hz
- Dwell Measurement
- O2 Cross counts
- Relative Measurement, can be used for low resistance measurements to remove test lead resistance from measurement
- Data Recording: Min/Max for fluctuating measurements
- Data Hold, freeze data at the push of a button
- Fused direct current measurement up to 10 amps through meter
- Auto Power Off (can be disabled)

3505A 100 Series Autoranging Kit Includes: 100 Series Automotive Multimeter, heavy-duty test leads with removable alligator clip ends, inductive RPM clamp, temperature probe.



No need to have fuel or transmission hoses inside vehicle during a road test.

No makeshift taping of gauges to the windshield.

Use with OTC's No. 3398 to find clogged/dirty fuel injectors.

Pinpoints worn power steering pumps or racks.

PSI reading for hydrostatic drives and high pressure hydraulics.

Finds blocked intake ports and plugged catalytic converters.

Checks transmission cooler efficiency and catalytic converter temperatures.

"Min/Max." pinpoints:

- Fuel restrictions
- Plugged filters
- Weak fuel pumps
- Transmission pressure spikes

"Delta Zero" monitors fuel pressure drop caused by faulty check valves.

Displays readings in BAR for checking European specs.

Permits comparison of ABS brake pressures at each wheel.

See Scope/Meter accessories for temp probes.



SCOPE AND METER ACCESSORIES (AMP CLAMPS)

3820-13

Low-range amp probe with display – use alone or connected to scope. Long, small jaws combined with superior performance are ideal for: Ignition coils, Fuel injectors, Fuel pumps, Relays, Electric motors, Parasitic draw.

- 0-60A range, measure to 90A, 100mV/A
- High accuracy, and low noise interference
- Non-intrusive AC/DC current measurement
- Resolution: 10mA • Average responding, RMS calibrated
- Auto ranging, auto zero, data hold, low battery indicator



3820-06

Low-range amp probe – Measures current in two ranges: 0-60 amps AC/DC.

Ignition coils, Fuel injectors, Relays, Electric motors, Parasitic draw, Non-intrusive AC/DC current measurement.



3825-54

Mid-range amp probe with BNC adapter. Measures current in a range of 2-600 amps AC/DC.



3825-49

Piercing probe set.



3840-04

Test probes. Three pieces: red, yellow, black.



3500-15

Jaw clip insulated mini-plunger - Plug-on adapter includes jaws that securely grip thick wire and cable; ground leads and rails eliminate interference from cable during testing.



3840-05

Back probes. Three pieces: red, yellow, black.



3500-28

5-way alligator clip - plug-on multiple-use clip includes: bed of nails, piercing tip, alligator clip.



3840-03

3-piece, 5-way alligator clip - Plug-on multiple-use clip includes: bed of nails, piercing tip, alligator clip, spade and square lug connectivity.



3840-02

Banana lead extension includes two 4 ft. leads.



Multi-Application Digital Pressure and Temperature Analyzer

Combining the functions of vacuum, oil pressure, hydraulic system pressure, fuel pressure, transmission pressure, compression, and air conditioning—all in one!

3490

Deluxe digital pressure/temperature analyzer with four pressure input receptacles and protective boot. Set includes (500 psi) transducer, 12' cable, 8-1/2" hose, bead-type temperature probe, assorted fittings, plastic storage case, instruction manual.



3490

3492

Heavy-duty digital pressure/temperature analyzer with four pressure input receptacles and protective boot. Set includes: No. 3491-02 (5,000 psi) transducer, No. 3491-13 20' cable, No. 3500-05 bead-type temperature probe, assorted fittings. No. 3491-31 plastic storage case, instruction manual.



3492

Accessory:

3491-01

500 psi transducer.

3491-02

5,000 psi transducer. Required for ABS and power steering pressure readings.

3491-03

10,000 psi transducer. (Note: For No. 3492 only.)

3491-11

6' cable.

3491-12

12' cable.

3491-13

20' cable.



Easy-to-use, 10.5" color touchscreen allows intuitive user interface.

Innovative alternator mounting with tensioned idler and a newly designed starter vise.



The Judge—Rotating Electrical Alternator/Starter Bench Tester

This rotating electrical tester, using advanced computer technology, lets you quickly diagnose alternators and starters with extreme accuracy—validated by component manufacturers. It features an integrated self-test to eliminate bad test leads, thus improving test results and reducing warranty costs to the auto parts retailer. Your tester investment is protected by The Judge— it can be updated to accommodate manufacturer's new starters and alternators, or to change test parameters on existing devices. Product Features and Benefits

The Judge is easy to use and will test virtually every alternator and starter precisely, providing accurate results.

- **No More Flip Charts**—Integrated “Lester-based” part number database, or by vehicle selection.
- **Faster Set-up**—new improved mounting for alternators and starters.
- **Integrated Self-test Features** provide a lead check application—ensuring bad test leads are eliminated.
- **ETL Certified**—with circuitry specifically designed for reliability and durability.
- **Hooded Test Bay**—allows observation while capturing debris, grease, or oil when testing a well-used component.
- **Full-Color Touch Screen**—easy-to-use interface screen (10.5" display).
- **Ease of Component Mounting**—improved flexibility supports the latest mounting configurations.
- **Easy-to-Use Menus**—screen prompts guide technician through procedures.
- **Expandability**—easy to update and expand as new alternators/starters are developed.
- **Compact Flash Card Port**—update software and add memory as needed.
- **Bar Code Reader**—optional feature for fast and accurate test set-up.
- **Interlock Switch**—prevents operation when door is open.



Easy-to-use screen prompts guide you through procedures quickly and accurately.

3643

Judge rotating electrical tester. Includes bench tester, mounting pins, alternator cable, starter cable, solenoid cable, test leads, manuals.

3643-01

High-speed serial printer.

Hooded test bay with observation window improves safety. Door interlock switch prevents operation when door is open.



The Judge Rotating Electrical Test Cable Chart

3643-21 N-01		3643-36 N-16	
3643-22 N-02		3643-37 N-17	
3643-23 N-03		3643-38 N-18	
3643-24 N-04		3643-39 N-19	
3643-25 N-05		3643-40 N-20	
3643-26 N-06		3643-41 N-21	
3643-27 N-07		3643-42 N-22	
3643-28 N-08		3643-43 N-23	
3643-29 N-09		3643-44 N-24	
3643-30 N-10		3643-45 N-25	
3643-31 N-11		3643-46 N-26	
3643-32 N-12		3643-47 N-27	
3643-33 N-13		3643-48 N-28	
3643-34 N-14		3643-50 N-29	
3643-35 N-15			



Sabre HP

Sabre HP is designed to let you quickly diagnose bad batteries in a discharged state without needing to charge them first. By utilizing a patented OTC micro-load testing method, this tester ensures accurate test results without any interpretation on vehicle battery, starting, and charging systems. Ships with 3' leads.



Product Features:

- Digital circuitry precisely controls battery test loads to accurately determine battery conditions using OTC micro-load test technology.
 - Tests the battery both statically and dynamically with multiple fixed loads.
 - Provides the most accurate test results.
 - Less susceptible to erroneous results from remote or bad connections, surface charge, and parasitic drains.
- Accurately tests both absorption glass mat (AGM) and flooded lead acid (FLA) batteries.
- Tests vehicle's starting and charging systems with minimal user interaction; automatically applies loads for accurate charging system tests.
- Tests all 6- and 12-volt batteries with a 50–2000 CCA operating range.
- Tests batteries down to 1 volt state of charge.
- Temperature and low charge compensation.
- Detects bad cells.
- Scales: CCA, CA, AHR, MCA, JIS, DIN.
- 4 x 20 backlit display shows CCAs, voltage, and good/bad status.
- Over-molded enclosure with soft-touch keys.
- Built-in infrared printer interface for remote printing (printer optional).
- Flash upgradeable memory in field.
- Removable/auto-sensing leads (3' leads included; optional 10' leads available).
- Printout has date/time stamp and user definable header and footer.
- Optional amp clamps for current drain tests and starting/charging measurements—the only hand-held battery tester with this feature.
- Reverse polarity protection.
- Hard carrying case.
- 3-year warranty.

3167

SABRE HP

Includes SABRE HP, 3' test leads, side-post terminal adapters, instruction manual, and molded-plastic carrying case.



3168

SABRE HP Deluxe Kit

Includes SABRE HP, 3' test leads, side-post terminal adapters, instruction manual, infrared wireless printer, and molded-plastic carrying case.



Accessories:

3169

Infrared wireless printer for use with No. 3167 (included with No. 3168).

3167-01

3' test leads.

3172

10' test leads.

Sabre Heavy-Duty Battery and Electrical System Diagnostic Tester

- Heavy-duty for 24-volt battery and electrical systems.
- Diagnoses battery packs in series, parallel, or series/parallel.
- Tests AGM/gel-cell batteries.

HIGHEST CCA capacity ranges (50–4000 CCA – 24V).

LARGE DISPLAY for less scrolling, more detailed instructions. It's also backlit for all light conditions.

INDUSTRY FIRST amp-clamp connection ports for live amperage readings using optional external amp-clamp.

15 FT. Cable to perform tests from the cab of the vehicle.

FIELD UPDATEABLE to accommodate new battery types, system updates, feature additions.

Battery Testing

- Tests the following battery pack configurations:
 - One battery (6V or 12V).
 - Two batteries in series (24V); 2, 3, or 4 batteries in parallel (12V).
 - Two banks in parallel, each bank having 2 batteries in series (24V).
- Uses pack configuration in algorithm design.
- Step-by-step user instructions for easy test completion.
- Tester-applied loads used on all pack combinations.

Electrical System Testing

- 12V and 24V charging system tests.
- 12V and 24V starting system tests.
- 12V and 24V diode tests.
- Amp-clamps available (not included) for starting/charging and current draw tests.

Product Features:

Amp-Clamp Connection – allows current drain tests and starting/charging analysis.

Tests Both FLA (flooded lead acid) and AGM (absorbed glass mat) battery types.

Scales – CCA, CA, AHR, MCA, JIS, DIN

User Definable – print header and footer.

Removable Test Cables – easily field replaceable.

PC Interface Port – allows for field updateable software.

IR Compatible – allows optional infrared wireless printer.

Readout Display – backlit for low light conditions, easy to view data in direct sunlight (4 x 20 character display).

Security Cable Connection – protects against stolen or dropped units.

Over-molded Surround with Soft-touch Keys – ruggedly built, easy to use, even with gloves.

3167-HD

Sabre HD deluxe kit

Includes 24-volt heavy-duty battery tester, 15' test leads, instruction manual, molded-plastic carrying case.

3168-HD

Sabre HD deluxe kit with printer

Same as No. 3167-HD above, but also includes an infrared wireless printer.

Accessories:

3172-15

15' lead set.

3169

Infrared wireless printer.



Battery Charging/Starting System Professional Analyzer Kits

Made for the professional technician, No. 3185 tests batteries and starting/charging systems faster than ever before. The BCS system analyzer has an operating range of 50–2000 CCAs and is able to store data in memory or remotely print out the results using an infrared printer interface. It also measures voltage, and tests starting and charging systems at the push of a button.

Product Features:

- Quick 1-second initial results.
- Tests charging and starting systems 50–2000 CCA range accurate to 5 CCAs.
- Tests 6V and 12V batteries.
- Temperature and low charge compensation.
- Detects and identifies loose leads.
- Supports CCA, IEC, EN, BCI, and DIN scales.
- 4-line, 20-character LCD display shows CCAs, voltage, and good/bad status.
- Displays results in seven languages: English, French, Spanish, German, Italian, Dutch, Swedish.
- Built-in infrared printer interface for remote printing.
- Detachable cable leads.

3184

BCS system analyzer kit. Includes BCS system analyzer, a 12' extension cable for in-cab testing, two voltmeter probes, battery side- and threaded-post adapters, detachable leads, 9-volt battery, soft-sided carrying case.

3185

BCS system analyzer kit. Same as No. 3184, but also includes an infrared printer.



3183

Digital Battery Tester

Speed. Accuracy. Reliability. These are the cornerstones behind the technology in our digital battery testers. No. 3183 tests 12-volt batteries (125–1400 CCAs) and analyzes by measuring multiple parameters within the battery to deliver accurate results. A live voltmeter allows easy starting/charging system testing. Its bright, 4-digit LED display indicates the battery's good/bad status, voltage, and available CCAs. It even compensates for cold temperatures.

Product Features:

- Quick 1-second initial results.
- 125–1400 CCA range.
- Analyze starting/charging system voltages.
- Tests 12V batteries.
- Temperature and low charge compensation.
- Detects and identifies loose leads.
- Detects bad cells.
- Surface charge warning.
- Measures multiple international units: CCA, IEC, DIN, BCI, and EN.
- 4-digit LED display shows good/bad status, available CCAs, and voltage.
- Includes digital battery tester. Includes digital battery tester and soft-side carrying case.



3180

100-Amp Battery Load Tester

Tests batteries on or off the car in just 10 seconds. Convenient, portable size and easy-to-read scales.

Product Features:

- Heavy-duty, copper-plated clamps.
- 100 amp load capacity.
- 0–16 volt range.
- Load safety switch prevents arcing.
- Heavy-duty, chrome-plated, ventilated steel case.
- Works on both 6V and 12V batteries.
- Ceramic insulators.
- Determines state-of-charge, cranking, and charging volts.
- Determines good/bad status.
- Extra-large display with zero adjust.



3181

130-Amp Heavy-Duty Battery Load Tester

Applying an industry-leading 130-amp load, this ergonomically designed, heavy-duty battery tester provides accurate, reliable test results in just 10 seconds. It includes uniquely designed clamps for a positive grip on top- and side-post batteries and an extra-large, easy-to-read display.

Product Features:

- 130-amp load capacity for accurate results.
- 0–16 volt range.
- Uniquely designed clamps for both top- and side-post batteries.
- Extra-large display with zero adjust.
- Works on both 6V and 12V batteries.
- Side tabs for on-tool clamp storage.
- Back brackets for tool storage on wall or toolbox.



3182

130-Amp Digital Battery Load Tester

Produce more accurate results with this 130-amp digital battery load tester. The compact, lightweight design is rugged enough for everyday testing of 6- & 12-volt batteries.

Product Features:

- Large, easy-to-read display.
- Side-clamp mount.
- Comfortable, easy-to-grip, ergonomic handle.
- Alternator test lead. • Ripple detection light.
- 0–16 volt range. • Dual jaw load clamp design.
- State of charge. • Battery load test.
- Starter and charging system test.
- Alternator ripple test.
- 3182 Digital battery tester. Includes 130-amp digital battery tester and test leads.



3220



3220CD

3220 3220CD

Battery Diagnostic Manual

Gives essential information for battery service in one convenient manual. Saves valuable time by providing information in a complete manual rather than having to go to multiple locations for information.

Provides the following information in one manual –

- Battery access and service locations
- Battery disconnection precautions
- Power windows, locks and sunroof programming procedures
- Convenience accessory programming procedures
- Supplemental restraint and ABS system precautions
- Engine and body control system resetting
- Available in print or CD

3673

Diesel Glow Plug Tester

Glow Plug Tester provides fault detection thru LED's for a quick analysis; Short Circuit, Over Current, Normal Operation, Open Circuit/Under Current.

- Glow Plug Tester allows for testing without removing glow plug from engine.
- Powers the glow plug to test the plug in it's operating state.
- Much more accurate test than a cold resistance test, which can miss short circuits.
- Tester uses a current measurement to accurately determine proper operation and check for short circuits.



3674

Diesel Fuel Pressure Tester

Simple one wire connectivity to the fuel pressure sensor signal wire. Designed for diesel engines that have a fuel pressure sensor reading used by vehicle computer.

- Displays pressure in PSI or BAR.
- Range 0-22,000 PSI (0-1500 BAR).
- Read diesel fuel pressure in vehicle.
- No fittings required.
- Readings alternate between current and max pressure.



3130AGM



3130-01
Amp Probe Assembly

Quick Starter Test
...tests starter in seconds with no need to disable ignition.

3130-003
Voltage Harness

MinuteMan Plus saves you hours when you're testing batteries, starters, alternators, regulators, and charging systems.

Features:

- Special AGM test options for accurately diagnosing AGM and spiral (six-pack style) batteries.
- Can switch between English and Spanish languages with a menu-based selection.

Battery Testing

The way it has been: Your customer brings in a dead battery and you have to charge it up to test it. Then, if it's a keeper, you have to recharge it. Hardly efficient use of your valuable time. With MinuteMan Plus on the job, you can test discharged batteries down to as low as two volts, and it won't drain a charged battery you are testing. You won't waste time charging bad batteries.

Works on all 12-volt automotive-type batteries with cold cranking amp ratings of 100–1500. This includes batteries found in motor-vehicle, marine, agricultural, forestry, and industrial applications. The tester operates from either 110 volts AC or its own internal, rechargeable 6-volt battery. Features self-calibration, an internal battery check, and an automatic shut-down to reduce power consumption.

On certain competitive, carbon-pile load battery testers, the technician must interpret the readings, then make the electrical system diagnosis. With MinuteMan Plus, all you have to do is read simple test results on the LCD display.

Starter Testing

The MinuteMan Plus display shows cranking volts and amps, and indicates either "Good Starter" or "Bad Starter." Excessive starter current draw can indicate a defective starter. Excessive engine drag, due to tight or damaged bearings or piston drag, can also cause an abnormally high starter draw.

Charging System Testing

Checks the charging system at high rpms and at idle, and stores the data. Results show regulator volts, peak amps, and a diode condition. MinuteMan Plus utilizes waveform analysis when testing alternator diodes, which provides more accuracy than the commonly used "ripple voltage" tests.

Battery Tachometer Capability

Unique, patented direct-from-battery technology gives you tachometer readings without having to make complicated connections to the ignition system. Provides battery-sensing measurements to 4,000 rpm, with 1 rpm resolution.

3130AGM

MinuteMan Plus multi-application electrical system tester. Includes connector cables, internal rechargeable battery, battery charger, and instructions. Wt., 27 lbs.

3131AGM

Same as No. 3130AGM, but also includes roll-around cart with two additional shelves for other equipment. Wt., 53 lbs.

Accessories:

3125 – MinuteMan Tester Cart

3135 – Printer kit.

3130-01 – Amp Probe Assembly.

3130-003 – Voltage Harness



3125



3135

3130-01

Display window shows menus and input screens.

Numeric key pad for entering information fast is kept clean by a sealed membrane.

Heavy-duty power switch lights up for power-on indication.

Heavy-duty all steel construction.



Scroll and menu keys to move through information or select main menu.

Circuit protection is on the front of unit for easy reset and visual status.

LED status lights show Power, Progress, Fault, or Completed test procedure.

"Go" key to start test program, and "Clear" key to remove information or stop testing procedure.

OneStep™ Battery Analyzer and Charger

The OneStep is a bench-top battery tester and charger that provides extremely accurate battery diagnosis. The combination of SABRE heavy load, dynamic charge, and accuracy test technologies yields unparalleled accuracy, and the addition of charge acceptance into the test algorithms further increases the level of accuracy. Precise high-output charging can test, fully charge, and return a battery to service in under 45 minutes. It also provides analysis of a battery's charge acceptance by testing the battery again following the charge cycle. It is specifically designed for all forms of the newer AGM (including spiral wound types), gel cell and deep cycle batteries, as well as conventional FLA (lead-acid) batteries.

Product Features:

OneStep gives the user one piece of equipment to completely test and charge batteries with the highest accuracy.

- Precise High-output Charging—returns charged batteries to service in less than 45 min.
- Compatible with AGM, FLA, Gel Cell, and Spiral-Wound batteries.
- Extremely accurate testing—combination of Heavy-Load, Dynamic Charge and Accuracy Test Technology.
- Sealed Numeric Keyboard—clear covering keeps unit clean as you enter data.
- LED Status Lights—quickly identify test status.
- Built Rugged—all-steel construction with solid copper transformer.
- Compact Flash Card Port—updates software and add memory as needed.
- Low Cost of Ownership—designed with internal overload protections for high volume use; field replaceable cables.
- Precise Output Charging—computerized control of charging voltage and current.
- Easy-to-Use Menus—screen prompts guide user through procedures.
- Expandability—easy-to-update and expand as new battery technologies are released.
- Bar Code Reader—optional feature for fast and accurate entry of battery specifications.
- Battery Warranty Output Code—allows easy warranty administration analysis.

3641

OneStep battery analyzer/charger, 20-amp input. Wt., 68 lbs.

3640

OneStep battery analyzer/charger, 15-amp input. Wt., 68 lbs.

Accessories:

3136

Serial printer kit.

Specifications:

Battery Test Range: 12 volt, 150 – 1500 CCA

Battery Type: Works on all constructions of 12-volt lead-acid, gel-cell, absorbed glass mat (AGM), wet cell, spiral-wound batteries.

Operating Temperature Range: 4° F – 158° F ambient air temperature.

Humidity: 0 – 85%

Voltage Input: 115 volt 20 amp dedicated. Optional 15 amp input available.



Utilizes switching technology which helps restore the batteries that are slightly sulfated.



Switches to float mode after the battery is completely charged.

Application:
Lead Acid (FLA, AGM, GEL).

3176

Smart Battery Charger and Maintainer

The Smart Battery charger and Maintainer utilizes a patented 5-Stage Automatic charging system designed to charge a battery efficiently while prolonging the life of the battery. The automatic power switching gives you the ability to charge your battery to 100% without worrying about damaging the battery. The battery charger/maintainer comes with clamps for jump starts or overnight charging and ring connectors for permanent connection to seasonally used vehicles such as RVs and motorcycles.

Product Features:

- Maintains the battery charge level during vehicle programming
- Charges deep discharged batteries in about 12 hours
- Maintains the battery charge level if the vehicle or the battery needs to be stored for an extended period of time.
- Switches to float mode after the battery is completely charged
- Utilizes switching technology which helps restore the batteries that are slightly sulfated
- Easy-to-read LED lights to show the status of charging and battery condition
- Micro processor controlled pulse charger
- LED indicator lights : Red & Green
- Input: 110V AC
- Application: Lead Acid (FLA, AGM, GEL)
- Output: 5Amp /12Vdc
- Auto polarity, Spark free & Overcharging Protection
- IP65 waterproof, Dust Splash/Rain Protection
- Switches automatically to float mode



3386

Antizap Auto Surge Protector

- Connects to battery, and becomes part of vehicle's electrical circuit. If a voltage spike is detected, the Antizap automatically clips it to a safe level to prevent damage to sensitive electronic systems.
- Protects fuel gauge, ABS brakes, radios, tape and CD players, car alarms, SRS air bags, LED instrumentation, EFI, fuel, and climate control systems. Protects against welding (Arc, Mig, and TIG).



Saves the on-board computer memory while the vehicle battery is disconnected.

3177A

Professional Memory Saver

An effective solution for saving vehicle data

Saves the vehicles on board diagnostic memory and other on-board memory components such as anti-theft radios, digital clocks, radio presets, seats, mirrors, comfort settings, etc. when the vehicles battery is removed or disconnected.

Product Features:

- OBD II cable for fast connection to the vehicle
- Cigarette lighter adapter for use with vehicles that do not have an OBD II connector
LED lights confirm circuit between the cigarette lighter/power outlet and the vehicle's battery with the ignition on or off
- State of charge indicator identifies when the memory saver needs to be plugged in for recharge
- Resettable fuse protects against excessive current draw through either the OBD II connector or the vehicles cigarette lighter
- High capacity, rechargeable sealed lead acid battery for extended service between charges
Power on/off switch
- One, complete, durable compact unit

3177A includes: Memory saver power station with rechargeable high capacity 12V battery, 12V AC/DC charger, OBD II connector, Cigarette/power plug and cord.



3665

Phototach

- Phototach can be used as a contact as well as a non-contact tachometer.
- Four styles of contact adapter tips clip easily to the top of the phototach.
- Infrared technology makes the phototach accurate, convenient, and easy to use.
- Infrared beam not affected by ambient light.
- Non-contact design results in (zero) torque loss for true precision.
- Phototach is equipped with a laser pointer for accurate targeting.
- Reflective tape placed on a revolving object can be measured at distances from 2" to 20".
- Wide measuring range and high resolution, 2.5 to 99,999 rpm with a large 5-digit display, autoranging, min/max memory storage, and low-battery indicator.



To check for leaks in the evaporator, the technician simply drills a 1/2" hole in the housing top and inserts the Flex-View. UV dye leak is fluoresced by the Flex-View.

3591

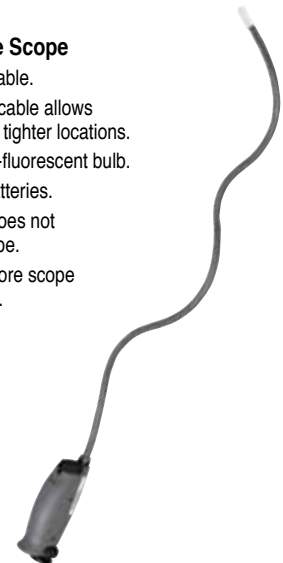
Flex-View UV Bore Scope

- Flex-View fluoresces UV dyes.
- Use as a traditional bore scope.
- Battery powered.
- Quick detection of leak dye in hard-to-see and reach places.
- Ability to inspect inside components.
- Confirms leaks where component removal would normally be required.
- Saves time trying to diagnose A/C evaporator leaks.
- Inspects the top side of fuel tanks for EVAP leaks without removal.
- Saves costs by eliminating the need to remove and replace unrelated components.
- A/C systems: Evaporator/condenser, hoses, compressor.
- EVAP system.
- Engine oil, transmission, and power steering fluid.
- Coolant and fuel systems.
- ACR2000.
- EVAP Tester.
- Any system using fluorescent dye.

3598

Flex-View Bore Scope

- Ultra-thin 1/4" cable.
- Small diameter cable allows for inspection in tighter locations.
- White light, non-fluorescent bulb.
- Uses two AA batteries.
- Flexible cable does not retain a set shape.
- 36" Flex-View bore scope in a sturdy case.





3630

Battery Powered Continuity Tester

Designed to test any type of non-live electrical circuit. Track down broken wires, bad grounds, and blown fuses quickly.

Product Features:

- Comes with AAA alkaline battery.
- Ergonomic, slim designed clear handle.
- 12', red coil cord.
- Low voltage replaceable bulb.
- Molded strain relief.
- Heavy-duty stainless steel probe with insulated shaft.
- Heavy-duty clip with positive soldered connection.



3633

Mini-coil Cord Circuit Tester

Small handle with needlepoint stainless steel probe allows easy back probing and piercing. Special threaded probe comes with screw on alligator clip for additional versatility. Useful in testing electrical circuits and locating shorts, grounds, and open circuits.

Product Features:

- 12', heavy-duty, red coil, cord lead.
- Checks 6- and 12-volt systems.
- Ergonomic, slim designed clear handle.
- Bright red, high intensity/slim style replaceable bulb.
- Positive contact-molded strain relief.
- Heavy-duty, stainless steel probe with insulated shaft.
- Heavy-duty clip with positive soldered connection.



3639

Extra Long, Heavy-Duty Circuit Tester

Long 7" probe shank allows access to difficult to reach areas for testing electrical circuits and locating shorts, grounds, and open circuits.

Product Features:

- 12-foot, heavy-duty, red coil cord lead.
- Checks 6- and 12-volt systems.
- Ergonomic, slim designed clear handle.
- Bright red, slim style replaceable bulb.
- Positive contact-molded strain relief.
- Heavy-duty, stainless steel probe with insulated shaft.
- Heavy-duty clip with positive soldered connection.



3631

Heavy-duty Logic Probe Tester

Multi-functional design allows testing range of 3–26 volts. Bright red and green LEDs interpret voltage signals such as ground, power, and frequency. Tests fuel injectors, solenoids, presence of serial data, and tach reference signals. Output tests on MAF, Cam, Crank, Hall Effect VRS sensors and more. High impedance input compatible with computer circuits and sensors.

Product Features:

- Air bag safe.
- 12', heavy-duty, twin clip, red coil cord lead.
- Checks 6-, 12-, and 24-volt systems.
- Ergonomic, slim designed clear handle.
- Positive contact molded strain relief.
- Heavy-duty stainless steel probe with insulated shaft.



3634

Heavy-Duty, Straight Cord Circuit Tester

Designed for testing electrical circuits and locating shorts, grounds, and open circuits.

Product Features:

- 5-foot heavy-duty cord.
- Checks 6- and 12-volt systems.
- Ergonomic, slim designed clear handle.
- Bright red, slim style replaceable bulb.
- Positive contact-molded strain relief.
- Heavy-duty, stainless steel probe with insulated shaft.
- Heavy-duty clip with positive soldered connection.



3644

12-Pack Display Assortment

Stand-up display of 12 circuit testers contains an assortment of all 6 circuit testers in a point-of-purchase display.

Contents include:

- 3630 – Battery powered continuity tester - (1)
- 3631 – Heavy-duty logic probe tester - (1)
- 3633 – Mini-coil cord circuit testers - (3)
- 3634 – Straight cord circuit testers - (2)
- 3636 – Coil cord circuit testers - (3)
- 3639 – Extra long circuit tester - (1)
- 3642 – 12V–36V truck circuit tester - (1)



3642

12V–24V Truck Circuit Tester

Product Features:

- Works on 12–24 volt systems.
- Features 7" stainless steel probe.
- 24' coil cord.
- Extra large clamp.



3636

Heavy-Duty, Coil Cord Circuit Tester

Designed for testing electrical circuits and locating shorts, grounds, and open circuits.

Product Features:

- 12-foot, heavy-duty, red coil cord lead.
- Checks 6- and 12-volt systems.
- Ergonomic slim designed clear handle.
- Bright red, slim style replaceable bulb.
- Positive contact-molded strain relief.
- Heavy-duty, stainless steel probe with insulated shaft.
- Heavy-duty clip with positive soldered connection.

Replacement Bulbs

3630-10

10 pack of replacement bulbs for No. 3630.

3633-10

10 pack of replacement bulbs for Nos. 3633 – 3639.

3642-10

10 pack of replacement bulbs for No. 3642.



OTC Test Leads

Constructed from high quality polyurethane, these high visibility coil cord test leads have superior memory retention and resistance to grease and oil, making them a perfect compliment to any technician's arsenal of test equipment. Test leads come with a variety of interchangeable tips suited for just the right application.

3902

Twin 5' jumper leads. High visibility black and red leads stretch to over 5 feet in length.

3903

24' jumper leads. From headlight to taillight, this extra long test lead stretches to over 24 feet in length.

3904

Twin 5' multimeter lead set. Expand the usefulness of any standard multimeter. This set includes one black and one red test lead, 2 multimeter probes, 2 banana plugs, and 4 alligator clips.

3905

Twin 5' multimeter/piercing jumper lead set. Pierce small gauge wires with this complete jumper lead set. This set includes one black and one red test lead, 2 multimeter probes, 2 banana plugs, 2 bed-of-nails, and 2 alligator clips.

3906

Twin 5' piercing test lead set. With 2 banana plugs and 2 bed-of-nails, this test lead set has just the right combination of tips for most testing applications.



3650

Heavy-Duty, Remote Starter Switch

Allows one person to start and crank engine while under the hood or from either side of the vehicle.

Product Features:

- With convenient hot circuit indicator, red ready light glows when starter switch is connected to a hot circuit; light goes off when switch is depressed.
- High current, heavy-duty push button switch ensures reliable operation and long service life.
- 5' leads made from heavy-duty, oil and grease resistant, 12-gauge wire.
- High current clips with protective boots open to an extra wide 5/8" for ease of hook-up.
- Soft, non-slip rubber grip.



3385

Universal Gauge and Component Tester

This is the fast way to pinpoint problems in fuel, oil, temperature, and vacuum electrical gauges. This gauge and component tester includes a test light and switch to also test instrument voltage regulators on various vehicles. Plus, you can use it as an instrument gauge tester by attaching the alligator clips to sensors and wiring harnesses on a variety of vehicles. Included is an instrument gauge application data sheet listing resistance set points for GM, Ford, Chrysler, Toyota, Nissan, VW, Mack, Navistar, and John Deere.



3589

Ignition System Quick Test Kit

This kit enables technicians to do power-balance tests and diagnose problems on standard, electronic, or distributorless ignition systems. Comes with brass adapters to fit all auto coils, test probes and leads, spark gap tester, and step-by-step instructions that lead technicians through the power-balance test.

- Performs power-balance in less than 5 minutes on standard, electronic, or distributorless ignition systems.
- Spark gap tester checks for adequate kV voltages on electronic ignition systems, providing instant diagnosis of problems—whether a faulty coil, ignition wire, or spark plug.
- Ideal for checking spark in no-start condition, instead of wasting time trying to "ground out your screwdriver."
- Step-by-step instructions lead technician through tests to check if ignition has a bad ground all the way to defective coils.

3589 – Ignition system quick test kit.

3579 – Ignition system adapters, set of six.



Spark Testers

Check for spark on gasoline engines used in import and domestic cars and trucks, plus small engines.

3589 – Standard ignition spark tester.

3589 – Electronic ignition spark tester.



3569

Terminal Test Kit with Circuit Tester (Standard Adapters)

- 14-piece standard terminal adapter set for the popular Packard Weather Pack, Metri-Pack, and Micro-Pack style connectors. External-internal versions of adapter styles.
- Circuit tester with bulb for 6-12-24 volt systems with interchangeable probes for use with terminal test adapters. Heavy-duty coil cord extends to 12 ft.
- Terminal adapters have flexible joints that eliminate damaged connector terminals that result from testing with a standard test probe.
- Complete kit in plastic storage case.



3587

Terminal Test Kit (Standard Adapters)

- Excellent accessory when testing with a scope or meter.
- 32-piece standard terminal adapter set for the popular Packard Weather Pack, Metri-Pack, and Micro-Pack style connectors. Multiple external-internal versions of adapter styles.
- Terminal adapters have flexible joints that eliminate damaged connector terminals that result from testing with a standard test probe.
- Set of 4 patch cords (4 ft.) included for use on multiple terminal connectors, for use with terminal adapters.
- Complete kit in plastic storage case.



3590

Electronic Stethoscope

Quickly pinpoints noise and location of bad bearings, bushings, dirty fuel injectors, wind/air leaks, valves, and lifters.

- Flexible shaft reaches tight areas.
- Ultra-sensitive mic and amplifier provide a full range of sounds needed by the professional.
- 7 sound-level control settings; 60 dB to 120 dB.

6522

EVAP – Leak Detection System

- Vacuum Leak Testing
- Exhaust Leaks
- Crankcase Oil
- Cooling System Testing
- Wind and Water Leaks
- 1-Year Warranty

LeakTamer is the latest generation of leak detection systems, providing more smoke and better control. Solid-state circuitry improves reliability and ensures more consistent smoke output. A wide assortment of accessories make the LeakTamer versatile tools for quickly locating different kinds of leaks.

LeakTamer Evap offers:

- Densest smoke in the industry.
- Newly redesigned smoke chamber and control system.
- More complete line of accessories.
- User refillable.
- Includes smoke producing solution for 500 tests.
- Non-toxic, non-corrosive smoke.

Product Features:

- Large full range flow meter
 - Detects .020" & .040" EVAP leak sizes
 - Flow-test components with full range of flow values
- Pinpoint leaks with Smoke and dye
 - UltraTraceUV® dye deposits at exact location of a leak
 - Finds leaks that smoke alone won't find
 - Introduce to an engine before disassembly to find internal leaks
 - It's the only OEM-Approved dye solution
- Variable Smoke Flow
 - Helps pinpoint smoke exiting a leak
 - Directional knob shows exact flow position
- Compact light weight design
 - More powerful diagnostics in smaller package
- Can be used with air or nitrogen
 - Use any inert gas for safer EVAP testing and shop air for all other tests
- OEM approved technology
 - Contains STAR Technology; the ONLY OEM-Approved smoke technology anywhere in the world

6522 includes

Leak Tamer unit, White/UV combination light with laser pointer, UV glasses, EVAP adapter tool, exhaust cone, cap plug adapters, removal tool, smoke producing solutions enough solution for 500 tests.



Accessory / Replacement Parts

6522-1	UltraTraceUV® (8 oz. / 236 ml) patented solution is the only Automaker-approved smoke-producing solution in the world. Contains a special dye that deposits at the exact location of a leak. Each bottle will perform approximately 300 tests. Part No. is for one bottle, two bottles included with 6522.	
6522-2	Inert Gas Pack Kit connects directly to fitting on back of LeakTamer 6522. Includes preset CO2 regulator with cylinder fitting, 20 oz. liquid CO2 cylinder, pressure gauge, universal push-on female coupler accommodates both automotive and industrial male fittings (Cylinder arrives empty) Performs approx. 25-50 full cycle EVAP tests per 20 liquid oz. cylinder.	
6522-3	Combination Light for easier smoke location and ultraviolet (UV) light, to highlight the fluorescent dye deposited at the exact location of a leak. Also has laser pointer. Includes batteries and glasses.	
6522-4	Standard Size Service Port Adapter.	
6522-5	Schrader® Removal / Installation Tool.	
6522-6	Cap Plugs Kit. Used for sealing some systems during leak testing.	
6522-7	Universal Fuel Neck Adapter fits the majority of vehicles. Allows access to fuel tank for evaporative system testing.	
6522-8	BMW and MINI Fuel Neck Adapter. Allows access to fuel tank for evaporative system testing.	
6522-9	Smoke Diffuser locates leaks around doors, windows, sunroofs, trunk compartment seals, EV vehicles' battery modules, or any closed system that can be pressurized from the inside and observe the smoke disturbance from the outside.	
6522-10	Cone Adapter (standard) for introducing smoke into induction or exhaust system. 1" x 3.5" & 6" long (25.4 mm x 89 mm x 152 mm).	
6522-11	Cone Adapter (Large) for introducing smoke into induction or exhaust system. 3.5" x 6" & 4.6" long (89 mm x 152 mm x 144 mm).	
6522-12	Replacement Dipstick (for 6522).	
6522-13	Replacement smoke supply hose and Delrin® Nozzle	
6522-14	Delrin® Nozzle	
6522-15	Flow meter red pointer flag. For easy viewing of flow meter measurements.	



Smoke Check 1667 Diesel Emission Tester

In some states, failing the on-road emission test can result in a "must appear in court" citation, and up to an \$1,800 fine. Add the downtime, missed delivery, rescheduling, and the potential for lost business. More states are adopting emissions standards and testing programs. This can cost time and money for local and interstate fleets.

SMOKE CHECK 1667 DIESEL EMISSION TESTER

- Fleets can determine immediately if the truck will pass state standards and interstate emission programs.
- Completely portable; all components in one case; there is no PC. One person can do the entire test. Windows-based, PC downloadable program transfers up to 100 stored tests.
- No warm-up time needed; perfect for random roadside testing or in your PM Service Program.
- The partial flow meter clips inside any smokestack; testing can be performed in any weather.
- Digital LCD screen walks you through each step; when testing is complete, a printout of results is produced for verification.
- This is the same meter used for enforcement in California, New York, Illinois, and the majority of states that test for diesel emissions compliance.
- Meets the latest SAE J1667 specifications.

SPECIFICATIONS

Range.....	0–100%
Accuracy	+/-1.0%
Light Source	Green LED
Power	12 VDC battery (built-in)
Battery Life	40 hrs./charge
Warm-up Time	5 sec.
Response Time	0.01 sec.
Control Unit	14" x 10" x 8"
Maintenance	Clean lens w/cotton swab
Weight:	
Control Unit	15.5 lbs.
Sensor.....	3.5 lbs.

ORDERING INFORMATION:

RM1020CPC

Smoke Check 1667 diesel smoke opacity tester. Includes partial flow meter, base unit with hand-held display, built-in printer, ambient sensors, two battery chargers – one for vehicle or shop, 20 ft. cable, telescoping rod, spring clamp, neutral density filter, and sensor head case.

OPTIONAL ITEMS:

OTC3020CPC

Standard meter listed above with OIL/RPM software and accessories. These options are required for state approval testing in New York and New Jersey.

OTCSH

Sensor head with quick detach release.

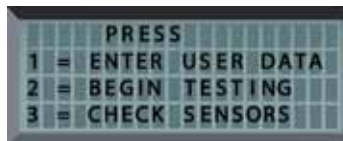
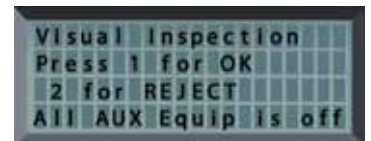
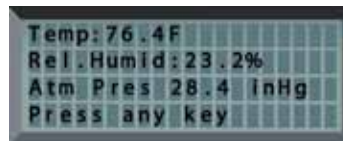
OTCSHCS

Sensor head case for new or existing meters and accessories.

One person can run the entire test, even in the wind, since the sensor measures smoke inside the stack.



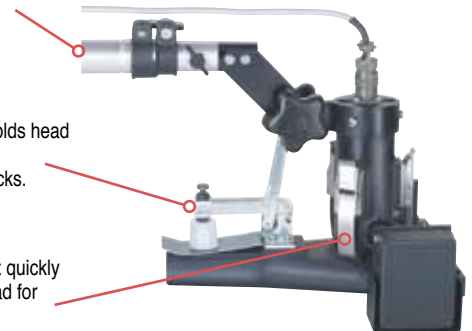
Scrolling instructions walk you through the entire testing procedure.



Aluminum rod telescopes from 3 ft. to 8 ft.; reaches all stacks.

Optional pinch clamp holds head securely, on horizontal or downward facing stacks.

Three-point detachment quickly releases the sensor head for easy cleaning.



RM1020CPC

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